

FTSE Russell / JSE

Non-Live Data Products Specifications

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1 VERSION CONTROL

| Version | Author | Change date | Reason for Change |
|---------------------------------------|-----------------|----------------------------|--|
| 1 – 1.6 | Neil Vendeiro | | Initial Draft |
| 1.7 | Hannelie Venter | 1 Dec 2009 | Updated Sector Classification in line with the Industry Classification Benchmark (ICB) - 2009 Enhancements initiated by FTSE Group. |
| 1.8 | Eunice Nel | 19 Jan 2010 | <p>Changed the Constituent Code's field length from 6 to 10 characters.</p> <p>The following Record Types are affected together with their Namibian counterparts:</p> <p>DFC 01 DFT 04 DFT 05/07 DCC 01 DCT 04 DCT 05/07 DPC 01 DPT 04 DPT 05/07 DYC 01 DYT 04 DYT 05/07 DDC 01 DDT 04</p> |
| 1.9 | James Hough | 15 Oct 2010 21 Jan 2011 | <p>Updated Index definitions for new indices in Section 4.</p> <p>Added the following new sections for new products and record types: Sections 15 to 23.</p> <p>Added part 2 of Annexure A to describe country code translation in the new record types.</p> |
| 1.9 (revised) | James Hough | 1 Apr 2011 | <p>Errors found in the layout positions of the following record types were all corrected (refer to <i>Errors in FTSE-JSE InfoMax User Manual Version 1.9</i> document):</p> <p>DNC01, DNV02, DNO11, D1C01, D1V02, D2C01, D2V02, D3C01, D3V02, D4C01, D4V02</p> |
| This table continues on the next page | | | |

| Version | Author | Change date | Reason for Change |
|---------------------------------------|-------------|-------------|--|
| 1.10 | James Hough | 1 Aug 2011 | <ol style="list-style-type: none"> The following record types had errors in the starting positions (previous field's length wasn't consistent with following field's start position). The definition in the file was inconsistent with what was being produced: D1T03, D2T03, D3T03, D4T03, DNT03 The SEDOL fields in these record types had an invalid end position (the length was correct as was the start of the next field, so overall layout is not affected): D1T04, D2T04, D3T04, D4T04, DNT04 The heading text was corrected on the following headings: 23.3.1.3 and 23.3.3.2 The fields "Modified Date" and "Effective Date" had an inconsistent end position for DRF14 sequence 03 (the length was correct as was the start of the next field, so overall layout is not affected). Added the following new sections for new product record types: Section 24 to section 28 New Index descriptions in section 4. |
| 1.11 | James Hough | 10 Aug 2011 | <ol style="list-style-type: none"> New TDIV Index description added to Section 4. Added the following new sections for new product record types: Section 29 to section 39 |
| 1.12 | James Hough | 27 Sep 2011 | <ol style="list-style-type: none"> Change to the continuation of the tracker records for constituent amendments. For other stock-level amendment record types (like DFT04) when an instrument has multiple amendments then the details of the first amendment runs from continuation 01 to 04 and the details of the second amendment record for the same instrument runs from continuation 05 to 08, etcetera. This was not the case for the record types introduced in version 1.9, but to aid processing, the change has now been implemented in the following record types: DAT04, DAF14, DIT04, DIF14, DHT04, DHF14, DRT04, DRF14, DQT04, DQF14, DNT04, DNF14, D1T04, D1F14, D2T04, D2F14, D3T04, D3F14, D4T04, D4F14 In order to process the changes identified in point 1 above, the "EMPTY PADDING" field on these record types has been replaced by a generated "EQUITY IDENTIFIER" field. |
| This table continues on the next page | | | |

| Version | Author | Change date | Reason for Change |
|---------|--------------|-----------------|---|
| 1.13 | Mark Randall | 20 Mar 2012 | <ol style="list-style-type: none"> 1. New Index descriptions for JN00, JN0U, JNX4, JNR4 and JNS4 in section 4 2. A change to the description of the TRI calculation in section 42.1 |
| 1.14 | Brian Nkosi | 24 Mar 2012 | <p>New record types SL 01 and SL 02.</p> <ol style="list-style-type: none"> 1. SL 01 consists of instrument intraday snapshot as at 15:00. 2. SL 02 contains index intraday snapshot as at 15:00. |
| 1.15 | Eunice Nel | 1 November 2013 | <p>Added descriptions for 3 new Indices in section 4:</p> <ol style="list-style-type: none"> 1. All Share Net TRI 2. Shareholder Weighted All Share Net TRI 3. Preference Share Net TRI |
| 1.16 | Eunice Nel | 1 October 2013 | <p>Addition of the ISIN field to the Leading Record Layout of the All Africa and International Benchmark Index Record Types:</p> <ul style="list-style-type: none"> • D1C, D1T04, D1F • D2C, D2T04, D2F • D3C, D3T04, D3F • D4C, D4T04, D4F • DNC, DNT04, DNF, DNO |
| 1.17 | Haseel Bhima | 01 April 2014 | Update SW “Weighting Change” in Annexure A |
| 1.18 | Eunice Nel | 09 May 2014 | <p>Changes to Record Types</p> <ul style="list-style-type: none"> • DDC01 Sequence Number 03 – Column Changes • DDT04 Sequence Number 03 – Column Changes <p>Addition of new Record Types</p> <ul style="list-style-type: none"> • DDO11 – Open Constituent Record Type for Dividend + Index • DDF14 – 5 Day Tracker Record Type for Dividend + Index |

| | | | |
|------|------------|----------------|---|
| 1.19 | Eunice Nel | 01 August 2014 | <p>Addition of new Record Types</p> <p>Minimum Variance All Share</p> <ul style="list-style-type: none"> • D5V02 • D5C01 • D5T 03 – 04 – 05 – 06 • D5O11 • D5F14 <p>Minimum Variance Top 40</p> <ul style="list-style-type: none"> • D6V02 • D6C01 • D6T 03 – 04 – 05 – 06 • D6O11 • D6F14 <p>Shareholder Weighted Sector</p> <ul style="list-style-type: none"> • D7V02 • D7C01 • D7T 03 – 04 – 05 – 06 • D7O11 • D7F14 <p>Net of Tax Index</p> <ul style="list-style-type: none"> • NTT 03 – 04 – 05 – 06 <p>FTSE/JSE Opening Constituent</p> <ul style="list-style-type: none"> • DFO11 <p>FTSE/JSE Five Day Tracker</p> <ul style="list-style-type: none"> • DFF14 <p>Shareholder Weighted All Share Open Constituent & Shareholder Weighted Top 40 Open Constituent</p> <ul style="list-style-type: none"> • DPO11 <p>Capped Top 40 Five Day Tracker & Capped All Share Five Day Tracker</p> <ul style="list-style-type: none"> • DCF14 <p>Capped Top 40 Opening Constituent</p> |
|------|------------|----------------|---|

| Version | Author | Change date | Reason for Change |
|---------|--------|-------------|---|
| | | | <ul style="list-style-type: none"> DCO11 <p>Style Index Series Opening Constituent</p> <ul style="list-style-type: none"> DYO11 |

| Version | Author | Change date | Reason for Change |
|---------|---------------|------------------|---|
| 1.20 | Eunice Nel | 01 May 2015 | <ol style="list-style-type: none"> Addition of new Record Types for Risk Target Index <ul style="list-style-type: none"> RTI01 Addition of new Record Types for Capped RESI Index <ul style="list-style-type: none"> D8C01 D8F14 D8O11 D8T03 D8T04 D8T05 D8T06 D8V02 |
| 1.21 | Eunice Nel | Augustus 2015 | <ol style="list-style-type: none"> Addition of new open constituent Record Types for All Africa Indices <ul style="list-style-type: none"> D1O D2O D3O D4O |
| 1.22 | Eunice Nel | 01 February 2016 | <ol style="list-style-type: none"> Addition of the new Responsible Investment Indices Record Types <p>FTSE/JSE Responsible Investment Index</p> <ul style="list-style-type: none"> D9C D9V D9T D9O D9F <p>FTSE/JSE Responsible Investment Top 30 Index</p> <ul style="list-style-type: none"> D0C D0V D0T D0O D0F |
| 1.23 | Tshepo Modise | May 2016 | <ol style="list-style-type: none"> Addition of the new Enhanced Constituents Record Types <ul style="list-style-type: none"> DFA01 |

| Version | Author | Change date | Reason for Change |
|---------|---------------|-------------|--|
| 1.24 | Eunice Nel | June 2016 | <ol style="list-style-type: none"> 1. Increase Index Code field length to 6 characters. 2. Increase Index Alpha Code field length to 6 characters 3. Increase Index Marker field length to cater for 6 character Index Codes 4. Increase Index Value field length to 18 (10.8) 5. Increase Total Return Index Value to 18 (10.8) 6. Increase Capital Return Index Value to 18 (10.8) 7. Increase Market Capitalisation field length to 14 numbers |
| 1.25 | Tshepo Modise | 19/08/2016 | <ol style="list-style-type: none"> 1. Addition of J205 Large Cap Indices and J206 Large & Mid Cap Indices |
| 2.0 | Tshepo Modise | 28/10/2016 | <ol style="list-style-type: none"> 1. Addition of the New Capped SWIX Indices Record Types FTSE/JSE Capped Shareholder Weighted All Share Index <ul style="list-style-type: none"> • DKF • DKC • DKV • DKT • DKO FTSE/JSE Capped Shareholder Weighted Top 40 Index <ul style="list-style-type: none"> • DLF • DLC • DLV • DLT • DLO |
| 3.0 | Tshepo Modise | 06/04/2017 | <ol style="list-style-type: none"> 1. Addition of the New Capped Industrial Indices Record Types <ul style="list-style-type: none"> • DMF • DMC • DMV • DMT • DMO |
| 4.0 | Tshepo Modise | 27/07/2017 | <ol style="list-style-type: none"> 1. Addition of Record DPF14 |

| Version | Author | Change date | Reason for Change |
|---------|---------------|-------------|---|
| 5.0 | Tshepo Modise | 01/06/2018 | 1. Addition of Specialist Property Indices Data records <ul style="list-style-type: none"> • DOC • DOV • DOO • DOF • DOT |
| 6.0 | Tshepo Modise | 12/06/2019 | 1. Insertion of Dummy lines instruments section 7 2. Replacement of TIDM and SEDOL with Filler. |
| 7.0 | Tshepo Modise | Aug 2019 | 1. Removal of International Benchmark Indices Data Records |
| 8.0 | Tshepo Modise | Mar 2020 | 1. Replacement of Sector Codes with Fillers. 2. Removal of tracked changes |
| 9.0 | Tshepo Modise | Sep 2022 | 1. Addition of % Weighting FTSE/JSE Shariah Top 40 Index field in DHC and DHO data records |
| 10.0 | Tshepo Modise | Oct 2023 | 1. Update cover page of the document. |

2 DISCLAIMER

This manual has been produced as a guide at a given point of time and in an abbreviated form, to the key provision of the JSE Limited Rules and directives, Stock Exchanges Act and Related legislation.

Given the compressed and dated nature of the contents of a document such as this, it should not be construed as the full and official interpretation of the Act, Rules and Directives; and the JSE Limited does not accept any responsibility or liability for any errors or omission in the formulation of this manual, nor for any consequential claims arising there from. Accordingly, the JSE Limited accepts no responsibility for any transaction entered into as a result of the contents herein.

3 INTRODUCTION

The aim of the Dissemination system is to provide users with raw data on daily Index movements. All information offered for dissemination is extracted from the relevant JSE systems, and held in a central database. Each user can specify the type of records they require from the standard layouts available. The users can get their data via ISDN or Leased line connection.

The user must inform the Market Data Department in writing of the record types they would like to receive.

3.1 CONFIRMATION OF USER ID AND PASSWORD

1. A representative from the Business Support department will provide you with your Sign-on and Dataset name before 11am on the day you go live.
2. For security purposes, a representative from the RACF department will provide you with your Password.
3. An Account Officer, from the Market Data Department will contact you to confirm receipt of the Dataset, UserID and Password.
4. The onus is on you to test as soon as you have received the above-mentioned information to ensure that you will gain access to the Mainframe.

Should you experience any problems relating to the information communicated to you or the actual testing of this information, please contact the under-mentioned persons for assistance:

- | | | |
|----|------------------------|---------------------|
| 1. | Customer Support | 011 520 7777 / 7799 |
| 2. | Market Data Department | 011 520 7663 / 7019 |

4 FTSE/JSE AFRICA INDEX SERIES

THE INDICES OF THE FTSE/JSE AFRICA INDEX SERIES

The FTSE/JSE Africa Index Series resulted from a joint venture between the JSE Limited (JSE) and the FTSE Russell Group (FTSE), a world leader in the creation and management of indices. The series brought with it a change in the philosophy and methodology for calculating indices and classifying sectors. The FTSE/JSE Africa Index Series replaced the JSE Actuaries indices on 24 June 2002.

The FTSE/JSE Africa Index Series complies with the recommendations made by the International Organization of Securities Commissions (IOSCO), as laid out in the Principles for Financial Benchmarks published in July 2013 (the IOSCO Principles). More information is available at www.ftserussell.com

FTSE/JSE Africa Headline Indices

All eligible listed companies are included in at least one of the FTSE/JSE Africa Headline Indices. The eligible companies are ranked by full market capitalisation (before free float weightings are applied). The top 99% of all companies are included in the **FTSE/JSE All Share Index** with the remaining 1% forming the **FTSE/JSE Fledgling Index**. The FTSE/JSE All Share Index is further divided into the **FTSE/JSE Large Cap Index**, **FTSE/JSE Mid Cap Index** and **FTSE/JSE Small Cap Index**. For a full list of Indices and their details, please click on this link <https://www.jse.co.za/services/indices/ftsejse-africa-index-series>

5 SECTOR CLASSIFICATION

Securities are classified according to the **ICB Classification** System,

Please refer to the link below for more information regarding the new ICB structure that was introduced on 1 July 2019:

<https://www.ftserussell.com/data/industry-classification-benchmark-icb>

6 GLOSSARY OF TERMS

| | |
|---------------------|--|
| 12 Month High Value | The highest index value, which the index reached over the past 12 months. MAX(Index Value) for every Index over a 12 month period. |
| 12 Month Low Value | The lowest index value, which the index reached over the past 12 months. MIN(Index Value) for every Index over a 12 month period. |
| Day of High | The highest index value achieved during the day/week/month. MAX(Index Value) for every Index over a day/Week/month period. |
| Date of High | The date on which the highest value was attained during the past wweek/month/year. Select Date for MAX(Index Value) for every Index over a Month period. |
| Date of Low | The date on which the lowest value was attained during the past week/month/Year. Select Date for MIN(Index Value) for every Index over a week/month/12 Month period. |
| Earnings Yield | The earnings per Instrument for the past 12 months divided by the closing price (CSII * ARHEPS) / Instrument Market Capitalisation |
| Low Value | The lowest index value achieved during the day/month/week MIN(Index Value) for every Index over a Day/week/month period |
| Total Value Traded | The total value of Instruments traded for the index constituents during the week/month. SUM(Trade Volume * Trade Price / 100) for every Constituent in every Index over a week/month period |
| Total Volume Traded | The total volume of Instruments traded for the index constituents during the day/week/month. SUM(Trade Volume) for every constituent in every Index over a day/week/Month period |

Value Traded

The total value of instruments traded for the index constituents during the day.
 $\text{SUM}(\text{Trade Volume} * \text{Trade Price} / 100)$ for every constituent in every Index over a day period



7 EXPLANATION OF THE INDEX TREATMENT FOR SPECIFIC CORPORATE ACTIONS (DUMMY LINES IN DATA RECORDS)

FTSE Russell Rules regarding the use of Dummy Lines in Indices:

- 7.1. Dummy lines are non-tradable instruments which have been temporarily created by FTSE/JSE in order to reflect a corporate event.
- 7.2. The use of dummy lines is normally determined on an ad hoc basis and typically results from complexities surrounding a corporate event.
- 7.3. Where the use of dummy lines is necessary FTSE/JSE provides advance notification either via an Informative Notice published on the FTSE/JSE website. Dummy lines will also be visible within the standard corporate action deliverables when they are being utilized.
- 7.4. Dummy lines are generally used in order to ensure the index reflects the investor experience or in order to facilitate index replication by index funds.

Under this rule the JSE would add in a dummy line on ex-date to represent the distribution until after settlement date, and then subsequently delete the dummy line and increase the free float in the distributed stock on the same date.

If the distributed instrument is not eligible for index inclusion, the index divisor will change with the deletion of the dummy line.

On the ex-date of the distribution:

- The stock which is distributing its shareholding price will be adjusted.
- This is offset by the addition of a dummy line which corresponds with the value of the distribution – the terms are applied to the share figure and the price is updated nightly to match the close price of the stock which is being distributed.
- Market cap neutral for all holders.

T + 2 from the settlement occurring:

- The dummy line is deleted.
- The stock which has been distributed has its free float adjusted to reflect the terms distributed into the index.
- Market cap neutral only for the shared indexes.

An ISIN will be generated to contain the word 'DUMMY' in order to distinguish it from other securities.

N.B. Please refer to FTSE Russell Corporate Actions and Events Guide for Market Capitalisation Weighted Indexes on this link: [Click Here](#)

8 FTSE / JSE AFRICA INDEX SERIES – CORE INDICES

8.1 VALUATIONS DATA FILES (INDEX VALUES)

8.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFV. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

This file contains the index closing positions for the current trading day.

8.1.2 Record Type DFV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | <p>Todays ex dividend adjustment in Rands.</p> $= \frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float) |
| ACTUAL DIVIDEND YIELD | <p>Actual dividend yield.</p> $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$ |

8.1.3 Record Type DFV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|--------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting ALL-SHARE | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{today's TRI}}{\text{yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING ALL-SHARE Percentage weighting within All-Share Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file.

8.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

8.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

This file contains the index constituents as at the end of the current day.

8.2.2 Record Type DFC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

8.2.3 Record Type DFC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

8.2.4 Record Type DFC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within all share index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined either by free float rule). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. including investibility weighting factor or market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN ALL SHARE INDEX | Percentage weighting within FTSE/JSE All-Share Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-share ICB Industry |
| PERCENTAGE WEIGHTING WITHIN SECTOR UNIVERSE | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

8.2.5 Record Type DFC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

8.3 ENHANCED CONSTITUENTS DATA FILES

8.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | | |
| | | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFA. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.3.2 Record Type DFA Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |
| Index marker | 119 | 6 x 12(T) | 190 |
| Country code | 191 | 2 (T) | 192 |
| Exchange code | 193 | 2 (T) | 194 |
| ISO code | 195 | 5 (T) | 199 |
| Filler | 200 | 4 (T) | 203 |
| Secondary line | 204 | 1 (T) | 204 |
| Price (Rand) | 205 | 16 (10.6) | 220 |
| Number of shares in issue | 221 | 15 | 235 |
| Market capitalisation (gross) | 236 | 16 (10.6) | 251 |
| Investibility weighting factor | 252 | 16 (T) | 267 |
| Adjusted market cap (net) | 268 | 16 (10.6) | 283 |
| Percentage weighting within all share index | 284 | 15 (T) | 298 |
| Percentage weighting within industry | 299 | 16 (T) | 314 |
| Percentage weighting within sector | 315 | 16 (T) | 330 |
| Dividend yield Percentage | 331 | 15 (T) | 345 |
| Daily price performance (ZAR) * | 346 | 16 (10.6) | 361 |
| 1 month price performance (ZAR) * | 362 | 16 (10.6) | 377 |
| YTD price performance (ZAR) * | 378 | 16 (10.6) | 393 |
| Daily TRI performance (ZAR) * | 394 | 16 (10.6) | 409 |
| 1 month TRI performance (ZAR) * | 410 | 16 (10.6) | 425 |
| YTD TRI performance (ZAR) * | 426 | 16 (10.6) | 441 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

| | |
|---|---|
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined either by free float rule). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. including investibility weighting factor or market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN ALL SHARE INDEX | Percentage weighting within FTSE/JSE All-Share Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-share ICB Industry |
| PERCENTAGE WEIGHTING WITHIN SECTOR UNIVERSE | Percentage weighting within FTSE/JSE All-Share ICB Sector. |
| DIVIDEND YIELD Percentage | Percentage dividend yield per stock. $\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$ |
| DAILY PRICE PERFORMANCE (ZAR) | Daily price performance (ZAR) |
| 1 MONTH PRICE PERFORMANCE (ZAR) | One month price performance (ZAR) |
| YTD PRICE PERFORMANCE (ZAR) | Year-to-date price performance (ZAR) |
| DAILY TRI PERFORMANCE (ZAR) | Daily Total Return Index performance (ZAR) |
| 1 MONTH TRI PERFORMANCE (ZAR) | One month Total Return Index performance (ZAR) |
| YTD TRI PERFORMANCE (ZAR) | Year-to-date Total Return Index performance (ZAR) |

8.4 TRACKER DATA FILES

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

- Tracker 1 (Index level data),
- Tracker 2 (stock level data - weightings amendments)
- Tracker 3 (stock level data - ex-dividends on the following trading day)

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

8.4.1 TRACKER 1 – INDEX LEVEL DATA

These are the changes effective on the following trading day.

8.4.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.4.1.2 Record Type DFT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at after effected changes. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

8.4.1.3 Record Type DFT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

8.4.2 TRACKER 2 - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

8.4.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.4.2.2 Record Type DFT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

8.4.2.3 Record Type DFT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLDER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

8.4.2.4 Record Type DFT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CLOSING SHARES IN ISSUE OUTSTANDING | Shares in issue figure at index close. |
| NEW SHARES IN ISSUE OUTSTANDING | New shares in issue figure. |
| CLOSING INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule). |
| NEW INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule or share capping). |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| FTSE AMENDMENT CODE | FTSE code for weighting and housekeeping amendments. (See Annexure A) |
| FTSE AMENDMENT CODE DESCRIPTION | Details, where available, on FTSE amendment code. (See Annexure A) |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

8.4.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

8.4.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.4.3.2 Record Type DFT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DFT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DFT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

8.4.3.3 Record Type DFT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DFT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DFT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

8.5 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

8.5.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.5.2 Record Type DFO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

8.5.3 Record Type DFO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Capped Shariah Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

8.5.4 Record Type DFO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

8.5.5 Record Type DFO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

8.6 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

8.6.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

8.6.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DFF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

8.6.1.2 Record Type DFF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

8.6.1.3 Record Type DFF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks.. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

8.6.1.4 Record Type DFF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

9 FTSE / JSE AFRICA INDEX SERIES – CAPPED INDICES

Only the Capped All Share and the Capped Top40 Indices will be provided in the data files below.

9.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

9.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCV. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.1.2 Record Type DCV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for capping) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

9.1.3 Record Type DCV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{yesterday's index}} - 1 \right) \times 100$$

Right hand bracket too small

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{today's TRI}}{\text{yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING IN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

9.2 CONSTITUENTS DATA FILES

9.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every CAPPED Index in this family. At the time of production of this manual only two Capped indices are being calculated i.e. the Capped All Share Index and the Capped Top40 Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCV. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |

EXCHANGE

The exchange the Index is linked to.

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

9.2.2 Record Type DCC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

CONSTITUENT CODE

Unique Constituent code derived by FTSE per stock.

ISIN NUMBER

International Securities Identification Number

FILLER

Spaces or Blanks.

CONSTITUENT NAME

Name of constituent. (Tradable instrument as provided by FTSE).

9.2.3 Record Type DCC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| Filler | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

9.2.4 Record Type DCC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjustment for capping). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

9.2.5 Record Type DCC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

9.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

9.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

9.3.1.1 Leading Record Layout

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.3.1.2 Record Type DCT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for capping |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and adjustment for capping. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

9.3.1.3 Record Type DCT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

9.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

9.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.3.2.2 Record Type DCT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

9.3.2.3 Record Type DCT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

9.3.2.4 Record Type DCT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

9.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

9.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.3.3.2 Record Type DCT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DCT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DCT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

9.3.3.3 Record Type DCT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DCT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DCT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

9.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

9.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.4.2 Record Type DCO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

9.4.3 Record Type DCO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Capped Shariah Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

9.4.4 Record Type DCO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

9.4.5 Record Type DCO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

9.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

9.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

9.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DCF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

9.5.1.2 Record Type DCF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

9.5.1.3 Record Type DCF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

9.5.1.4 Record Type DCF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CLOSING SHARES IN ISSUE OUTSTANDING | Shares in issue figure at index close. |
| NEW SHARES IN ISSUE OUTSTANDING | New shares in issue figure. |
| CLOSING INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float). |
| NEW INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY). |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| FTSE AMENDMENT CODE | FTSE code for weighting and housekeeping amendments. (See Annexure A) |
| FTSE AMENDMENT CODE DESCRIPTION | Details, where available, on FTSE amendment code. (See Annexure A) |
| DATE LAST MODIFIED | The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY |
| EFFECTIVE DATE | The date on which the amendment will be applied to the constituent. DD/MM/YYYY |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

10 FTSE / JSE AFRICA INDEX SERIES – SHAREHOLDER WEIGHTED INDICES

Only the Shareholder Weighted All Share and the Shareholder Weighted Top40 Indices will be provided in the data files below.

10.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

10.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPV. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

10.1.2 Record Type DPV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

10.1.3 Record Type DPV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

10.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every SWIX Index in this family. At the time of production of this manual only two Shareholder Weighted indices are being calculated i.e. the Shareholder Weighted All Share Index and the Shareholder Weighted Top40 Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

10.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

10.2.2 Record Type DPC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

10.2.3 Record Type DPC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| Filler | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

10.2.4 Record Type DPC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

10.2.5 Record Type DPC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

10.3 TRACKER DATA FILES

10.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

10.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

INDEX CODE

Each index is identified by a unique code.

EQUITY ALPHA CODE

Current JSE equity alpha code (This field will be blank for this record type)

RECORD TYPE

The code indicating the type of information contained in the record disseminated - e.g.: DPT.

SUB TYPE

The Sub Type related to a particular record type - e.g. Sub Type 01.

CONTINUATION SEQUENCE

The sequence number used to join together certain record types, where more than one record exists per record type.

RUN DATE

DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD.

BOARD

The board the Index is linked to.

MARKET

The market the Index is linked to.

EXCHANGE

The exchange the Index is linked to.

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

10.3.1.2 Record Type DPT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

10.3.1.3 Record Type DPT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

10.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

10.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

10.3.2.2 Record Type DPT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

10.3.2.3 Record Type DPT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

10.3.2.4 Record Type DPT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

10.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

10.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

10.3.3.2 Record Type DPT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (E.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DPT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DPT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

10.3.3.3 Record Type DPT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DPT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DPT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

10.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

10.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

10.4.2 Record Type DPO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

10.4.3 Record Type DPO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Capped Shariah Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

10.4.4 Record Type DPO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

10.4.5 Record Type DPO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

10.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

10.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

10.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DPF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

10.5.1.2 Record Type DPF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

10.5.1.3 Record Type DPF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks.. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

10.5.1.4 Record Type DPF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

11 FTSE / JSE AFRICA INDEX SERIES – SHAREHOLDER WEIGHTED SECTOR INDICES

Only the Shareholder Weighted Sector Indices will be provided in the data files below.

11.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

11.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7V. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.1.2 Record Type D7V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Todays ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

11.1.3 Record Type D7V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

11.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every Shareholder Weighted Sector Index in this family.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

11.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE tshepo | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

11.2.2 Record Type D7C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

11.2.3 Record Type D7C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| FILLER | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

11.2.4 Record Type D7C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

11.2.5 Record Type D7C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

11.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

11.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

11.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.3.1.2 Record Type D7T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | | | |
| New market cap | 76 | 16 (10.6) | 91 |
| Previous divisor | 92 | 16 (10.6) | 107 |
| New divisor | 108 | 16 (10.6) | 123 |
| | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

11.3.1.3 Record Type D7T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

11.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

11.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.3.2.2 Record Type D7T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

11.3.2.3 Record Type D7T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

11.3.2.4 Record Type D7T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

11.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

11.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.3.3.2 Record Type D7T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D7T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D7T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

11.3.3.3 Record Type D7T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D7T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D7T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

11.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

11.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.4.2 Record Type D7O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

11.4.3 Record Type D70 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| FILLER | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

11.4.4 Record Type D70 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

11.4.5 Record Type D7O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

11.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

11.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

11.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

11.5.1.2 Record Type D7F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

11.5.1.3 Record Type D7F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

11.5.1.4 Record Type D7F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

12 END OF DAY DATA PRODUCTS

12.1 END OF DAY RECORD TYPES

12.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index Alpha code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record Type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DI. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |
| NOTE | Should a company be de-listed an EQUITY ALPHA CODE may be re-used at a later stage, but an EQUITY NUMERIC CODE will never be re-used, therefore, we recommend that programming be done according to the EQUITY NUMERIC CODE. |

12.1.2 Value added Record Type DI/DIE Sub Type 01

(The daily index statistics are calculated at the close of each business day for all indices on the market.)

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Highest index value | 46 | 18 (10.8) | 63 |
| Lowest index value | 64 | 18 (10.8) | 81 |
| Previous day's index value | 82 | 18 (10.8) | 99 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| HIGHEST INDEX VALUE | The highest index value achieved during the day. |
| LOWEST INDEX | The highest index value achieved during the day. |
| PREVIOUS INDEX VALUES | The closing index value of previous business day. |

12.1.3 Value added Record Type DI/DIE Sub Type 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 | 45 |
| Total volume of traded shares | 46 | 13 | 58 |
| Total value of traded shares | 59 | 15 | 73 |
| Market capitalisation | 74 | 14 | 87 |
| Index 12 Month high value | 88 | 18 (10.8) | 105 |
| Date index reached high | 106 | 8 | 113 |
| Index 12 Month low value | 114 | 18 (10.8) | 131 |
| Date index reached low | 132 | 8 | 139 |

FIELD DESCRIPTIONS:

| | |
|----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| TOTAL VOLUME OF TRADED | The total volume of shares traded for the index constituents during the day. |
| TOTAL VALUE OF TRADED | The total value of shares traded for the index constituents during the day. |
| FULL MARKET CAPITALISATION | The closing total market capital of the index constituents. |
| INDEX 12 MONTH HIGH VALUE | The highest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED HIGH | The date on which the index reached its high over the past 12 months. |
| INDEX 12 MONTH LOW VALUE | The lowest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED LOW | The date on which the index reached its low over the past 12 months. |

12.1.4 Value added Record Type DI / DIE Sub Type 03

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index short name | 46 | 13 (T) | 58 |
| Index report name | 59 | 35 (T) | 93 |
| Index name | 94 | 40 (T) | 133 |
| Index Sequence number | 134 | 4 (T) | 137 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX SHORT NAME | The abbreviated version of the index name. |
| INDEX REPORT NAME | The report name of the index. |
| INDEX NAME | The full description of the index. |
| INDEX SEQUENCE NUMBER | This is the sequence number of the index, and indicates the printing sequence of the index in multiples of ten. |

12.1.5 Value added Record Type DI / DIE Sub Type 04

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index Afrikaans short name | 46 | 13 (T) | 58 |
| Index Afrikaans report name | 59 | 35 (T) | 93 |
| Index Afrikaans name | 94 | 40 (T) | 133 |
| Index Sequence number | 134 | 4 (T) | 137 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX AFRIKAANS SHORT NAME | The abbreviated version of the Afrikaans index name. |
| INDEX AFRIKAANS REPORT NAME | The Afrikaans report name of the index. |
| INDEX AFRIKAANS NAME | The full Afrikaans description of the index. |
| INDEX SEQUENCE NUMBER | This is the sequence number of the index, and indicates the printing sequence of the index in multiples of ten. |

12.1.6 Value added Record Type IC Sub Type 01

(The index constituent gives information of the various equities that make up each index.)

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Filler | 46 | 4 (T) | 49 |
| Equity alpha code | 50 | 6 (T) | 55 |
| Equity numeric code | 56 | 7 | 62 |
| Filler | 63 | 4 (T) | 66 |
| Equity alpha code | 67 | 6 (T) | 72 |
| Equity numeric code | 73 | 7 | 79 |
| Filler | 80 | 4 (T) | 83 |
| Equity alpha code | 84 | 6 (T) | 89 |
| Equity numeric code | 90 | 7 | 96 |
| Filler | 97 | 4 (T) | 100 |
| Equity alpha code | 101 | 6 (T) | 106 |
| Equity numeric code | 107 | 7 | 113 |
| Filler | 114 | 4 (T) | 117 |
| Equity alpha code | 118 | 6 (T) | 123 |
| Equity numeric code | 124 | 7 | 130 |

FIELD DESCRIPTIONS:

| | |
|---------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| FILLER | Spaces or Blanks. |
| EQUITY ALPHA CODE | All instrument traded on the market are identified by a unique alpha code. |
| EQUITY NUMERIC CODE | All instruments traded on the market are identified by a unique numeric code. |

12.1.7 Value added Record Type IM Sub Type 01

(The index movements as recorded every 15 seconds, 60 seconds or at market as applicable to each index. Refer to comprehensive guide for detail)

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Calculation time | 46 | 6 | 51 |
| Index value | 52 | 18 (10.8) | 69 |
| Calculation time | 70 | 6 | 75 |
| Index value | 76 | 18 (10.8) | 93 |
| Calculation time | 94 | 6 | 99 |
| Index value | 100 | 18 (10.8) | 117 |
| Calculation time | 118 | 6 | 123 |
| Index value | 124 | 18 (10.8) | 141 |
| Calculation time | 142 | 6 | 147 |
| Index value | 148 | 18 (10.8) | 165 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| IINDEX CODE | Each index is identified by a unique code. |
| CALCULATION TIME | The time at which the index value was calculated. |
| INDEX VALUE | The value of the index at calculation time. |

12.1.8 Value added Record Type IN Sub Type 01

(The index information is the basic information, which is specific to each index of shares traded on the market. The codes used to identify the index and other relevant information related to the indices is included.

The index information will be disseminated on the day that a change is made to the index information. Only the record, which has been changed, will be disseminated.)

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Effective date | 46 | 8 | 53 |
| Index status | 54 | 1 (T) | 54 |
| Index short name | 55 | 13 (T) | 67 |
| Index report name | 68 | 35 (T) | 102 |
| Index name | 103 | 40 (T) | 142 |

FIELD DESCRIPTIONS:

| | |
|-------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EFFECTIVE DATE | The date on which the index changes becomes effective. |
| INDEX STATUS | The code indicating the status of the index on the specified date. |
| INDEX SHORT NAME | The abbreviated version of the index name. |
| INDEX REPORT NAME | The report name of the index. |
| INDEX NAME | The full description of the index. |

12.1.9 Value added Record Type IN Sub Type 02

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Effective date | 46 | 8 | 53 |
| Index status | 54 | 1 (T) | 54 |
| Index Afrikaans short name | 55 | 13 (T) | 67 |
| Index Afrikaans report name | 68 | 35 (T) | 102 |
| Index Afrikaans name | 103 | 40 (T) | 142 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EFFECTIVE DATE | The date on which the index change becomes effective. |
| INDEX STATUS | The code indicating the status of the index on the specified date. |
| INDEX AFRIKAANS SHORT NAME | The abbreviated version of the Afrikaans index name. |
| INDEX AFRIKAANS REPORT NAME | The Afrikaans report name of the index. |
| INDEX AFRIKAANS NAME | The full Afrikaans description of the index. |

12.1.10 Record Type WI sub type 01

The weekly index statistics are calculated at the close of each business week for all indices on the market.

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Current week's index value | 46 | 18 (10.8) | 63 |
| Highest index value | 64 | 18 (10.8) | 81 |
| Lowest index value | 82 | 18 (10.8) | 99 |
| Previous week's index value | 100 | 18 (10.8) | 117 |
| Date of high | 118 | 8 | 125 |
| Date of low | 126 | 8 | 133 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| CURRENT WEEK'S INDEX VALUE | The closing index value as at the close of the current week. |
| HIGHEST INDEX VALUE | The highest index value achieved during the week. |
| LOWEST INDEX VALUE | The lowest index value achieved during the week. |
| PREVIOUS WEEK'S INDEX VALUE | The closing index value as at a week ago. |
| DATE OF HIGH | The date on which the highest value was attained during the past week. |
| DATE OF LOW | The date on which the lowest value was attained during the past week. |

12.1.11 Record type WI sub type 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Total volume of traded shares | 46 | 13 | 58 |
| Total value of traded shares | 59 | 15 | 73 |
| Market capitalisation per index | 74 | 14 | 87 |
| Index 12 Month high value | 88 | 18 (10.8) | 105 |
| Date index reached high | 106 | 8 | 113 |
| Index 12 Month low value | 114 | 18 (10.8) | 131 |
| Date index reached low | 132 | 8 | 139 |
| Index value a year ago | 140 | 18 (10.8) | 157 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| TOTAL VOLUME OF TRADED | The total volume of shares traded for the index constituents during the week. |
| TOTAL VALUE OF TRADED | The total value of shares traded for the index constituents during the week. |
| MARKET CAPITALISATION | The closing total market capital of the index constituents. |
| INDEX BASE VALUE | The Index Base Value is a figure used to keep the index value stable, when there is a change to the number of issued shares within an index. |
| INDEX 12 MONTH HIGH VALUE | The highest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED HIGH | The date on which the index reached its high over the past 12 months. |
| INDEX 12 MONTH LOW VALUE | The lowest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED LOW | The date on which the index reached its low over the past 12 months. |
| INDEX VALUE A YEAR AGO | The index value a year ago. |

12.1.12 Record type MI sub type 01

(The monthly index statistics are calculated at the close of each business month for all indices on the market.)

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Current month's index value | 46 | 18 (10.8) | 63 |
| Highest index value | 64 | 18 (10.8) | 81 |
| Lowest index value | 82 | 18 (10.8) | 99 |
| Previous month's index value | 100 | 18 (10.8) | 117 |
| Date of high | 118 | 8 | 125 |
| Date of low | 126 | 8 | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| CURRENT MONTH'S INDEX VALUE | The closing index value as at the close of the current month |
| HIGHEST INDEX VALUE | The highest index value achieved during the month. |
| LOWEST INDEX VALUE | The lowest index value achieved during the month. |
| PREVIOUS MONTH'S INDEX VALUE | The closing index value as at a month ago. |
| DATE OF HIGH | The date on which the highest value was attained during the past month. |
| DATE OF LOW | The date on which the lowest value was attained during the past month. |

12.1.13 Record type MI sub type 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Total volume of traded shares | 46 | 13 | 58 |
| Total value of traded shares | 59 | 15 | 73 |
| Market capitalisation per index | 74 | 14 | 87 |
| Index 12 Month high value | 88 | 18 (10.8) | 105 |
| Date index reached high | 106 | 8 | 113 |
| Index 12 Month low value | 114 | 18 (10.8) | 131 |
| Date index reached low | 132 | 8 | 139 |

FIELD DESCRIPTIONS:

| | |
|----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| TOTAL VOLUME OF TRADED | The total volume of shares traded for the index constituents during the month. |
| TOTAL VALUE OF TRADED | The total value of shares traded for the index constituents during the month. |
| FULL MARKET CAPITALISATION | The closing total market capital of the index constituents. |
| INDEX 12 MONTH HIGH VALUE | The highest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED HIGH | The date on which the index reached its high over the past 12 months. |
| INDEX 12 MONTH LOW VALUE | The lowest index value, which the index reached over the past 12 months. |
| DATE INDEX REACHED LOW | The date on which the index reached its low over the past 12 months. |

12.1.14 Value added Record Type MC Sub Type 01

(The index constituent gives information of the various equities on a monthly basis that make up each index.)

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|--------|---------|
| Index code | 40 | 6 (T) | 45 |
| Filler | 46 | 4 (T) | 49 |
| Equity alpha code | 50 | 6 (T) | 55 |
| Equity numeric code | 56 | 7 | 62 |
| Filler | 63 | 4 (T) | 66 |
| Equity alpha code | 67 | 6 (T) | 72 |
| Equity numeric code | 73 | 7 | 79 |
| Filler | 80 | 4 (T) | 83 |
| Equity alpha code | 84 | 6 (T) | 89 |
| Equity numeric code | 90 | 7 | 96 |
| Filler | 97 | 4 (T) | 100 |
| Equity alpha code | 101 | 6 (T) | 106 |
| Equity numeric code | 107 | 7 | 113 |
| Filler | 114 | 4 (T) | 117 |
| Equity alpha code | 118 | 6 (T) | 123 |
| Equity numeric code | 124 | 7 | 130 |

FIELD DESCRIPTIONS:

INDEX CODE

Each index is identified by a unique code.

FILLER

Spaces or Blanks. EQUITY ALPHA CODE All instrument traded on the market are identified by a unique alpha code.

EQUITY NUMERIC CODE

All instruments traded on the market are identified by a unique numeric code.

13 FTSE/JSE AFRICA INDEX SERIES - STYLE INDICES

13.1 VALUATIONS DATA FILES (INDEX VALUES)

13.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DYV. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

This file contains the index closing positions for the current trading day.

13.1.2 Record Type DYV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | <p>Todays ex dividend adjustment in Rands.</p> $= \frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float) |
| ACTUAL DIVIDEND YIELD | <p>Actual dividend yield.</p> $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$ |

13.1.3 Record Type DYV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|--------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting ALL-SHARE | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{today's TRI}}{\text{yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING ALL-SHARE Percentage weighting within All-Share Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file.

13.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

13.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

This file contains the index constituents as at the end of the current day.

13.2.2 Record Type DYC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

13.2.3 Record Type DYC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

13.2.4 Record Type DYC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within all share index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined either by free float rule). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. including investibility weighting factor or market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN ALL SHARE INDEX | Percentage weighting within FTSE/JSE All-Share Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR UNIVERSE | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

13.2.5 Record Type DYC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------------------|-----------|----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Three year historic sales growth | 55 | 18 (9.9) | 72 |
| Three year historic EPS growth | 73 | 18 (9.9) | 90 |
| Two year forward sales estimates | 91 | 18 (9.9) | 108 |
| Two year forward EPS estimates | 109 | 18 (9.9) | 126 |
| Growth Rate | 127 | 18 (9.9) | 144 |

FIELD DESCRIPTIONS:

Dividend Yield Percentage

Percentage dividend yield per stock

$$= \left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

Three year historic sales growth

3 Year Historic Sales Growth reflects the average of the company's three most recent consecutive absolute net sales or revenue annual growth values. The most recently reported sales value should be less than 18 months old (in developed markets). Sales values are for the 12 months to the company's fiscal year end and are generally as reported by the company. However, sales are generally adjusted to exclude excise taxes, sales from non-operating activities and discontinued operations in addition to sales generated by associated companies. If the company has changed its year end and a 12 month figure is not reported, the reported value is annualised. A sales value is also calculated for banks, insurance & financial companies and includes interest, investment & premium income in addition to commission & fees as appropriate.

Three year historic EPS growth

3 Year Historic EPS Growth is the average of the company's three most recent consecutive absolute EPS annual growth values. The most recent EPS value should be less than 18 months old (in developed markets). Annual earnings per share (EPS) is for the 12 months to fiscal year end. EPS is calculated as net income after taxes, minority interest and preferred dividends, but before amortization of intangibles and after-tax extraordinary items, divided by adjusted shares.

Two year forward sales estimates

This field will not be populated and will be filled with zeros.

estimates generally reflect sales derived from the company's core-operating activities. Generally transportation & non-operating costs are excluded from gross revenues for industrial corporations. Bank revenues include interest and non-interest income. Insurance revenues are comprised of net technical income and net financial income.

Two year forward EPS estimates

EPS estimates are generally based on net income from continuing operations divided by weighted average shares outstanding for the year.

Growth Rate

Return on Equity is Earnings per Share (EPS) for the most recent fiscal year divided by the previous year's book value per share. Payout ratio is Dividend per Share (DPS) divided by EPS. Values are again for the 12 months to the most recent fiscal year end. (More detailed EPS, Book Value and dividend per share definitions can be found under the "3 Year historic EPS growth", "Book to Price", "Dividend Yield" headings respectively)

13.2.6 Record Type DYC Sub Type 01 Sequence No. 05

| FIELD NAME | START POS | LENGTH | END POS |
|--------------------|-----------|----------|---------|
| Book to Price | 40 | 18 (9.9) | 57 |
| Sales to Price | 58 | 18 (9.9) | 75 |
| Cash flow to Price | 76 | 18 (9.9) | 93 |
| Value Weight | 94 | 18 (T) | 111 |
| Growth Weight | 112 | 18 (T) | 129 |

FIELD DESCRIPTIONS:

BOOK TO PRICE

Book to Price is a company's common/ordinary equity capital at the most recent fiscal year end divided by the company's market capitalisation at the review date. Common/ordinary equity is generally as reported, but is adjusted to exclude minority interest, preferred stock and selected items as appropriate.

SALES TO PRICE

Sales to Price is a company's most recent annual sales value divided by the company's market capitalisation at the review date. (A more detailed definition of sales is provided under the "3 Year historic sales growth" heading)

CASH FLOW TO PRICE

Cash Flow to Price is generally a company's most recent Cash Flow for the year divided by the market capitalisation of the company at the review date. If Cash Flow is not reported it is estimated based on net income plus depreciation and other non-cash items.

VALUE WEIGHT

The percentage weight rate in the Value Index

GROWTH WEIGHT

The percentage weight rate in the Growth Index

13.2.7 Record Type DYC Sub Type 01 Sequence No. 06

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|-----------|---------|
| Value Market Capitalization | 40 | 16 (10.6) | 55 |
| Growth Market Capitalization | 56 | 16 (10.6) | 71 |
| Weight in Alsi Growth | 72 | 18 (T) | 89 |
| Weight in Alsi Value | 90 | 18 (T) | 107 |
| Value Rank | 108 | 18 (6.12) | 125 |
| Growth Rank | 126 | 18 (6.12) | 143 |

FIELD DESCRIPTIONS:

| | |
|------------------------------|---|
| VALUE MARKET CAPITALIZATION | Market capitalization in rands millions at index close that is used in the index value |
| GROWTH MARKET CAPITALIZATION | Market capitalization in rands millions at index close that is used in the index growth |
| WEIGHT IN ALSI GROWTH | Weight in the All Share growth index |
| WEIGHT IN ALSI VALUE | Weight in the All Share value index |
| VALUE RANK | Average of the four value style items |
| GROWTH RANK | Average of the five growth style items |

13.2.8 Record Type DYC Sub Type 01 Sequence No. 07

| FIELD NAME | START POS | LENGTH | END POS |
|--------------------|-----------|-----------|---------|
| Overall Style Rank | 40 | 18 (6.12) | 57 |

FIELD DESCRIPTIONS:

OVERALL STYLE RANK

Average of the value and growth rank

13.3 TRACKER DATA FILES

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

- Tracker 1 (Index level data).
- Tracker 2 (stock level data - weightings amendments)
- Tracker 3 (stock level data - ex-dividends on the following trading day)

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

13.3.1 TRACKER 1 – INDEX LEVEL DATA

These are the changes effective on the following trading day.

13.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

13.3.1.2 Record Type DYT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines). as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines). after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions. at market close. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions. at after effected changes. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

13.3.1.3 Record Type DYT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

13.3.2 TRACKER 2 - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

13.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

13.3.2.2 Record Type DYT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of four (4). to reflect multiple corporate actions.

Each Corporate Action will result in 4 sequence records and this will be repeated if there are multiple Corporate Actions for any specific constituent. Eg A Name change and an unbundling for a specific constituent will result in the following being disseminated: DYT 04/01 – 04 and DYT 04/05 -08

13.3.2.3 Record Type DYT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated. after price adjustment factor. |

Note: This sequence will be created in multiples of four (4). to reflect multiple corporate actions.

Each Corporate Action will result in 4 sequence records and this will be repeated if there are multiple Corporate Actions for any specific constituent. Eg A Name change and an unbundling for a specific constituent will result in the following being disseminated: DYT 04/01 – 04 and DYT 04/05 -08

13.3.2.4 Record Type DYT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CLOSING SHARES IN ISSUE OUTSTANDING | Shares in issue figure at index close. |
| NEW SHARES IN ISSUE OUTSTANDING | New shares in issue figure. |
| CLOSING INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule). |
| NEW INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule or share capping). |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| FTSE AMENDMENT CODE | FTSE code for weighting and housekeeping amendments. (See Annexure A) |
| FTSE AMENDMENT CODE DESCRIPTION | Details, where available, on FTSE amendment code. (See Annexure A) |

Note: This sequence will be created in multiples of four (4). to reflect multiple corporate actions.

Each Corporate Action will result in 4 sequence records and this will be repeated if there are multiple Corporate Actions for any specific constituent. Eg A Name change and an unbundling for a specific constituent will result in the following being disseminated: DYT 04/01 – 04 and DYT 04/05 -08

13.3.2.5 Record Type DYT Sub Type 04 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------|-----------|--------|---------|
| Value Weight | 40 | 18 (T) | 57 |
| Growth Weight | 58 | 18 (T) | 75 |

FIELD DESCRIPTIONS:

| | |
|---------------|--|
| Value Weight | The percentage weight rate in the Value Index |
| Growth Weight | The percentage weight rate in the Growth Index |

Note: This sequence will be created in multiples of four (4). to reflect multiple corporate actions.

Each Corporate Action will result in 4 sequence records and this will be repeated if there are multiple Corporate Actions for any specific constituent. Eg A Name change and an unbundling for a specific constituent will result in the following being disseminated: DYT 04/01 – 04 and DYT 04/05 -08

13.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

13.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DYT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

13.3.3.2 Record Type DYT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current invisibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DYT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up. DYT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

13.3.3.3 Record Type DYT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DYT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DYT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

13.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

13.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DYO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

13.4.2 Record Type DYO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

13.4.3 Record Type DYO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Capped Shariah Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

13.4.4 Record Type DYO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

13.4.5 Record Type DYO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

14 FTSE / JSE AFRICA INDEX SERIES – DIVIDEND + INDEX

14.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

14.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 | 31 |
| Market | 32 | 4 | 35 |
| Exchange | 36 | 4 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D7T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.1.2 Record Type DDV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

14.1.3 Record Type DDV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{yesterday's index}} - 1 \right) \times 100$$

Right hand bracket too small

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{today's TRI}}{\text{yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING IN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

14.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

14.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.2.2 Record Type DDC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

14.2.3 Record Type DDC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

14.2.4 Record Type DDC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market Capitalisation (Gross) | 40 | 16 (10.6) | 55 |
| Investibility Weighting Factor | 56 | 16 (T) | 71 |
| Market Capitalisation (After Weighting Factor) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|---|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| MARKET CAPITALISATION (AFTER WEIGHTING FACTOR) | Adjusted market capitalisation in Rands millions at index close (i.e. market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

14.2.5 Record Type DDC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

14.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

14.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

14.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 | 31 |
| Market | 32 | 4 | 35 |
| Exchange | 36 | 4 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.3.1.2 Record Type DDT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

14.3.1.3 Record Type DDT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

14.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

14.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 | 31 |
| Market | 32 | 4 | 35 |
| Exchange | 36 | 4 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.3.2.2 Record Type DDT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

14.3.2.3 Record Type DDT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

14.3.2.4 Record Type DDT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Previous Weighting Factor | 102 | 16 (6.10) | 117 |
| New Weighting Factor | 118 | 16 (6.10) | 133 |
| Secondary line | 134 | 1 (T) | 134 |
| FTSE amendment code | 135 | 6 (T) | 140 |
| FTSE amendment code notes | 141 | 40(T) | 180 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

PREVIOUS WEIGHTING FACTOR

Previous Constituent Market Capitalisation adjustment factor

NEW WEIGHTING FACTOR

New Constituent Market Capitalisation adjustment factor

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

14.3.2.5 Record Type DDT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

14.3.2.6 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.3.2.7 Record Type DDT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DHT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DDT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

14.3.2.8 Record Type DDT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DDT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DHT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

14.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

14.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 2840 | 12 | 39 |
| Data (layouts below) | | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.4.2 Record Type DDO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

14.4.3 Record Type DDO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

14.4.4 Record Type DDO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market Capitalisation (Gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Market Capitalisation (After Weighting Factor) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|---|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| MARKET CAPITALISATION (AFTER WEIGHTING FACTOR) | Adjusted market capitalisation in Rands millions at index close (i.e. market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

14.4.5 Record Type DDO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

14.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

14.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

14.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DDF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

14.5.1.2 Record Type DDF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

14.5.1.3 Record Type DDF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

14.5.1.4 Record Type DDF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

14.5.1.5 Record Type DDF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

15 FTSE / JSE AFRICA INDEX SERIES – PREFERENCE SHARE INDEX

15.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

15.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DRV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.1.2 Record Type DRV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

15.1.3 Record Type DRV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING IN THIS INDEX Percentage weighting within Index

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Indices with no constituents will not appear in the file.

15.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

15.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DRC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.2.2 Record Type DRC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

15.2.3 Record Type DRC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

15.2.4 Record Type DRC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

15.2.5 Record Type DRC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

15.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

15.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

15.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DRT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.3.1.2 Record Type DRT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

15.3.1.3 Record Type DRT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

15.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

15.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DRT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.3.2.2 Record Type DRT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

15.3.2.3 Record Type DRT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| CLOSING ICB SUB-SECTOR CODE | ICB sub-sector code as at close of trading day. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

15.3.2.4 Record Type DRT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CLOSING SHARES IN ISSUE OUTSTANDING | Shares in issue figure at index close. |
| NEW SHARES IN ISSUE OUTSTANDING | New shares in issue figure. |
| CLOSING INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float). |
| NEW INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY). |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| FTSE AMENDMENT CODE | FTSE code for weighting and housekeeping amendments. (See Annexure A) |
| FTSE AMENDMENT CODE DESCRIPTION | Details, where available, on FTSE amendment code. (See Annexure A) |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

15.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

15.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DRT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.3.3.2 Record Type DRT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DRT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

15.3.3.3 Record Type DRT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DRT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

15.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

15.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DRO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.4.2 Record Type DRO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

15.4.3 Record Type DRO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

15.4.4 Record Type DRO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

15.4.5 Record Type DRO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

15.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

15.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

15.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DRF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

15.5.1.2 Record Type DRF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

15.5.1.3 Record Type DRF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

15.5.1.4 Record Type DRF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

16 FTSE / JSE AFRICA INDEX SERIES – SHARIAH INDEX

16.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

16.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DHV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.1.2 Record Type DHV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

16.1.3 Record Type DHV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING IN THIS INDEX Percentage weighting within Index

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Indices with no constituents will not appear in the file.

16.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

16.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DHC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.2.2 Record Type DHC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

16.2.3 Record Type DHC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J143 = FTSE/JSE SHARIAH ALL SHARE) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

16.2.4 Record Type DHC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |
| Percentage weighting within Sharia Top 40 | 135 | 15 (T) | 149 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN SHARIA TOP 40 INDEX | Percentage weighting within this Index. |

16.2.5 Record Type DHC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

16.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

16.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

16.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DHT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.3.1.2 Record Type DHT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 60 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

16.3.1.3 Record Type DHT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

16.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

16.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DHT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.3.2.2 Record Type DHT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

16.3.2.3 Record Type DHT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

16.3.2.4 Record Type DHT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CLOSING SHARES IN ISSUE OUTSTANDING | Shares in issue figure at index close. |
| NEW SHARES IN ISSUE OUTSTANDING | New shares in issue figure. |
| CLOSING INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float). |
| NEW INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY). |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| FTSE AMENDMENT CODE | FTSE code for weighting and housekeeping amendments. (See Annexure A) |
| FTSE AMENDMENT CODE DESCRIPTION | Details, where available, on FTSE amendment code. (See Annexure A) |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

16.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

16.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DHT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.3.3.2 Record Type DHT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DHT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DHT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

16.3.3.3 Record Type DHT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DHT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DHT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

16.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

16.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DHO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.4.2 Record Type DHO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

16.4.3 Record Type DHO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

16.4.4 Record Type DHO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |
| Percentage weighting within Sharia Top 40 | 135 | 15 (T) | 149 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN SHARIA TOP 40 INDEX | Percentage weighting within this Index. |

16.4.5 Record Type DHO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

16.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

16.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

16.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DHF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

16.5.1.2 Record Type DHF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

16.5.1.3 Record Type DHF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

16.5.1.4 Record Type DHF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

17 FTSE / JSE AFRICA INDEX SERIES – RAFI INDEX

17.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

17.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DIV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.1.2 Record Type DIV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

17.1.3 Record Type DIV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING IN THIS INDEX Percentage weighting within Index

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Indices with no constituents will not appear in the file.

17.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

17.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DIC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.2.2 Record Type DIC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

17.2.3 Record Type DIC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J263 = RAFI All Share) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

17.2.4 Record Type DIC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

17.2.5 Record Type DIC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| RAFI Factor | 55 | 16 (2,14) | 70 |

FIELD DESCRIPTIONS:

RAFI FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

17.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

17.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

17.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DIT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.3.1.2 Record Type DIT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

17.3.1.3 Record Type DIT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

17.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

17.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DIT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.3.2.2 Record Type DIT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

17.3.2.3 Record Type DIT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

17.3.2.4 Record Type DIT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

17.3.2.5 Record Type DIT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------|-----------|--------|---------|
| Previous RAFI Factor | 40 | 16 (T) | 55 |
| New RAFI Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS RAFI FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW RAFI FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

17.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

17.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DIT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.3.3.2 Record Type DIT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DIT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DIT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

17.3.3.3 Record Type DIT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DIT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DIT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

17.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

17.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DIO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.4.2 Record Type DIO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

17.4.3 Record Type DIO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J263 = RAFI All Share) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

17.4.4 Record Type DIO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

17.4.5 Record Type DIO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| RAFI Factor | 55 | 16 (2.14) | 70 |

FIELD DESCRIPTIONS:

RAFI FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

17.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

17.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

17.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DIF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

17.5.1.2 Record Type DIF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

17.5.1.3 Record Type DIF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

17.5.1.4 Record Type DIF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

17.5.1.5 Record Type DIF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------|-----------|--------|---------|
| Previous RAFI Factor | 40 | 16 (T) | 55 |
| New RAFI Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS RAFI FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW RAFI FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18 FTSE / JSE AFRICA INDEX SERIES – RAFI CAPPED INDEX

18.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

18.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DAV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.1.2 Record Type DAV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

18.1.3 Record Type DAV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

18.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

18.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DAC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.2.2 Record Type DAC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

18.2.3 Record Type DAC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J283 = RAFI All Share Capped) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

18.2.4 Record Type DAC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

18.2.5 Record Type DAC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| RAFI Factor | 55 | 16 (2,14) | 70 |

FIELD DESCRIPTIONS:

RAFI FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

18.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

18.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

18.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DAT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.3.1.2 Record Type DAT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

18.3.1.3 Record Type DAT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

18.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

18.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DAT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.3.2.2 Record Type DAT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18.3.2.3 Record Type DAT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

18.3.2.4 Record Type DAT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18.3.2.5 Record Type DAT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------|-----------|--------|---------|
| Previous RAFI Factor | 40 | 16 (T) | 55 |
| New RAFI Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS RAFI FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW RAFI FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

18.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DAT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.3.3.2 Record Type DAT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DAT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DAT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

18.3.3.3 Record Type DAT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DAT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DAT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

18.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

18.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DAO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.4.2 Record Type DAO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

18.4.3 Record Type DAO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J283 = RAFI Capped All Share) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

18.4.4 Record Type DAO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

18.4.5 Record Type DAO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| RAFI Factor | 55 | 16 (2.14) | 70 |

FIELD DESCRIPTIONS:

RAFI FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

18.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

18.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

18.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DAF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

18.5.1.2 Record Type DAF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18.5.1.3 Record Type DAF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| CLOSING ICB SUB-SECTOR CODE | ICB sub-sector code as at close of trading day. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

18.5.1.4 Record Type DAF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

18.5.1.5 Record Type DAF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|----------------------|-----------|--------|---------|
| Previous RAFI Factor | 40 | 16 (T) | 55 |
| New RAFI Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS RAFI FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW RAFI FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19 FTSE / JSE AFRICA INDEX SERIES – EQUALLY WEIGHTED TOP 40 INDEX

19.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

19.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DQV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.1.2 Record Type DQV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

19.1.3 Record Type DQV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

19.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

19.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.2.2 Record Type DQC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

19.2.3 Record Type DQC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J2EQ = FTSE/JSE Equally Weighted Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

19.2.4 Record Type DQC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

19.2.5 Record Type DQC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

19.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

19.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

19.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DQT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.3.1.2 Record Type DQT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

19.3.1.3 Record Type DQT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

19.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

19.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.3.2.2 Record Type DQT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19.3.2.3 Record Type DQT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

19.3.2.4 Record Type DQT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19.3.2.5 Record Type DQT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

19.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.3.3.2 Record Type DQT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DQT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DQT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

19.3.3.3 Record Type DQT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DQT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DQT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

19.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

19.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.4.2 Record Type DQO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

19.4.3 Record Type DQO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J2EQ = FTSE/JSE Equally Weighted Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

19.4.4 Record Type DQO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

19.4.5 Record Type DQO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

19.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

19.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

19.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

19.5.1.2 Record Type DQF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19.5.1.3 Record Type DQF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

19.5.1.4 Record Type DQF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

19.5.1.5 Record Type DQF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20 FTSE / JSE AFRICA SERIES – EX SOUTH AFRICA 30 INDEX - ZAR

20.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

20.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D1V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

20.1.2 Record Type D1V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index name | 46 | 40 (T) | 85 |
| Number of constituents | 86 | 10 | 95 |
| Capital index (ZAR) | 96 | 18 (10.8) | 113 |
| Total return index (ZAR) | 114 | 18 (10.8) | 131 |
| XD adjustment (Today) | 132 | 13 (7.6) | 144 |
| XD adjustment (YTD) | 145 | 13 (7.6) | 157 |
| Market capitalisation (base currency) | 158 | 20 (14.6) | 177 |
| Dividend yield | 178 | 7 (3.4) | 184 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value in Rands. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value in Rands. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | <p>Todays ex dividend adjustment in Rands.</p> $\frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in millions (in ZAR) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

20.1.3 Record Type D1V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| US dollar index (USD) | 40 | 18 (10.8) | 57 |
| US dollar TRI (USD) | 58 | 18 (10.8) | 75 |
| Market capitalisation (USD) | 76 | 20 (14.6) | 95 |
| Sterling index (GBP) | 96 | 18 (10.8) | 113 |
| Sterling TRI (GBP) | 114 | 18 (10.8) | 131 |
| Market capitalisation (GBP) | 132 | 20 (14.6) | 151 |
| Euro index (EUR) | 152 | 18 (10.8) | 169 |
| Euro TRI (EUR) | 170 | 18 (10.8) | 187 |
| Market capitalisation (EUR) | 188 | 20 (14.6) | 207 |
| Japanese yen index (JPY) | 208 | 18 (10.8) | 225 |
| Japanese yen TRI (JPY) | 226 | 18 (10.8) | 243 |
| Market capitalisation (JPY) | 244 | 20 (14.6) | 263 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| US DOLLAR INDEX (USD) | Today's capital index value in US\$. |
| US DOLLAR TRI (USD) | Today's total return index value in US\$. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (USD) | Market capitalisation in millions (in US\$) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| STERLING INDEX (GBP) | Today's capital index value in UK£. |
| STERLING TRI (GBP) | Today's total return index value in UK£. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (GBP) | Market capitalisation in millions (in UK£) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| EURO INDEX (EUR) | Today's capital index value in EU€. |
| EURO TRI (EUR) | Today's total return index value in EU€. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (EUR) | Market capitalisation in millions (in EU€) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| JAPANESE YEN INDEX (JPY) | Today's capital index value in JP¥. |
| JAPANESE YEN TRI (JPY) | Today's total return index value in JP¥. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (JPY) | Market capitalisation in millions (in JP¥) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |

NOTE: Indices with no constituents will not appear in the file.

20.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

20.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| ISIN | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D1C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

20.2.2 Record Type D1C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

20.2.3 Record Type D1C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent (e.g. J242 = FTSE/JSE Intl Benchmark – Financials) |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

20.2.4 Record Type D1C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Percentage weighting within index | 83 | 10 (T) | 92 |
| Percentage weighting within country | 93 | 10 (T) | 102 |
| Percentage weighting within industry | 103 | 10 (T) | 112 |
| Percentage weighting within sector | 113 | 10 (T) | 122 |

FIELD DESCRIPTIONS:

MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

20.2.5 Record Type D1C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Capping Factor | 55 | 16 (10.6) | 70 |
| Market cap (Rand) after capping factor | 71 | 16 (10.6) | 86 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

CAPPING FACTOR

The capping factor applied to the constituent's market capitalisation.

MARKET CAP (RAND) AFTER CAPPING FACTOR

Adjusted market capitalisation in Rands millions at index close (net i.e. capping factor multiplied by market capitalisation used in index calculation).

20.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

20.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

20.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. D1T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

20.3.1.2 Record Type D1T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Previous number of constituents | 46 | 10 | 55 |
| New number of constituents | 56 | 10 | 65 |
| Previous market capitalisation | 66 | 20 (14.6) | 85 |
| New market capitalisation | 86 | 20 (14.6) | 105 |
| Previous divisor | 106 | 16 (10.6) | 121 |
| New divisor | 122 | 16 (10.6) | 137 |

FIELD DESCRIPTIONS:

| | |
|---------------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| PREVIOUS NUMBER OF CONSTITUENTS | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NEW NUMBER OF CONSTITUENTS | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

20.3.1.3 Record Type D1T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment.

20.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS**20.3.2.1 Leading Record Layout**

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:**INDEX CODE**

Each index is identified by a unique code.

EQUITY IDENTIFIER

This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code.

RECORD TYPE

The code indicating the type of information contained in the record disseminated - e.g.: D1T.

SUB TYPE

The Sub Type related to a particular record type - e.g. Sub Type 04.

CONTINUATION SEQUENCE

The sequence number used to join together certain record types, where more than one record exists per record type.

RUN DATE

DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD.

ISIN

The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally.

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.
The end positions vary by sequence number.

20.3.2.2 Record Type D1T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20.3.2.3 Record Type D1T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

20.3.2.4 Record Type D1T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

PREVIOUS INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20.3.2.5 Record Type D1T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

20.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Board | 26 | 4 (T) | 29 |
| Market | 30 | 4 (T) | 33 |
| Exchange | 34 | 4 (T) | 37 |
| Filler | 38 | 2 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D1T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

20.3.3.2 Record Type D1T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|---------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10 (T) | 109 |
| ISIN number | 110 | 13 (T) | 122 |
| Country code | 123 | 2 (T) | 124 |
| Exchange code | 125 | 4 (T) | 128 |
| Current closing shares in issue | 129 | 15 | 143 |
| Current investibility weighting used in index calculation | 144 | 7 (3.4) | 150 |
| Secondary line | 151 | 1 (T) | 151 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D1T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D1T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

20.3.3.3 Record Type D1T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D1T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D1T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

20.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

20.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D10. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

20.4.2 Record Type D1O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

20.4.3 Record Type D10 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks |
| FILLER | Spaces or Blanks |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

20.4.4 Record Type D10 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Capping Factor | 83 | 16 (10.6) | 98 |
| Market Cap after Capping Factor | 99 | 16 (10.6) | 114 |
| Percentage weighting within Index | 115 | 10 (T) | 124 |
| Percentage weighting within Country | 125 | 10 (T) | 134 |
| Percentage weighting within Industry | 135 | 10 (T) | 144 |
| Percentage weighting within Sector | 145 | 10 (T) | 154 |

FIELD DESCRIPTIONS:

MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

20.4.5 Record Type D1O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

20.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

20.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

20.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D1F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

20.5.1.2 Record Type D1F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20.5.1.3 Record Type D1F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

20.5.1.4 Record Type D1F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |
| Date Last Modified | 139 | 10 (T) | 148 |
| Effective Date | 149 | 10 (T) | 158 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

20.5.1.5 Record Type D1F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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21.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

21.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D2V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.1.2 Record Type D2V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index name | 46 | 40 (T) | 85 |
| Number of constituents | 86 | 10 | 95 |
| Capital index (ZAR) | 96 | 18 (10.8) | 113 |
| Total return index (ZAR) | 114 | 18 (10.8) | 131 |
| XD adjustment (Today) | 132 | 13 (7.6) | 144 |
| XD adjustment (YTD) | 145 | 13 (7.6) | 157 |
| Market capitalisation (base currency) | 158 | 20 (14.6) | 177 |
| Dividend yield | 178 | 7 (3.4) | 184 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (BASE CURRENCY) | Today's capital index value in base currency. |
| TOTAL RETURN INDEX (BASE CURRENCY) | Today's total return index value in base currency. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | <p>Todays ex dividend adjustment in Rands.</p> $\frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in millions (in ZAR) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

21.1.3 Record Type D2V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| US dollar index (USD) | 40 | 18 (10.8) | 57 |
| US dollar TRI (USD) | 58 | 18 (10.8) | 75 |
| Market capitalisation (USD) | 76 | 20 (14.6) | 95 |
| Sterling index (GBP) | 96 | 18 (10.8) | 113 |
| Sterling TRI (GBP) | 114 | 18 (10.8) | 131 |
| Market capitalisation (GBP) | 132 | 20 (14.6) | 151 |
| Euro index (EUR) | 152 | 18 (10.8) | 169 |
| Euro TRI (EUR) | 170 | 18 (10.8) | 187 |
| Market capitalisation (EUR) | 188 | 20 (14.6) | 207 |
| Japanese yen index (JPY) | 208 | 18 (10.8) | 225 |
| Japanese yen TRI (JPY) | 226 | 18 (10.8) | 243 |
| Market capitalisation (JPY) | 244 | 20 (14.6) | 263 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| US DOLLAR INDEX (USD) | Today's capital index value in US\$. |
| US DOLLAR TRI (USD) | Today's total return index value in US\$. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (USD) | Market capitalisation in millions (in US\$) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| STERLING INDEX (GBP) | Today's capital index value in UK£. |
| STERLING TRI (GBP) | Today's total return index value in UK£. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (GBP) | Market capitalisation in millions (in UK£) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| EURO INDEX (EUR) | Today's capital index value in EU€. |
| EURO TRI (EUR) | Today's total return index value in EU€. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (EUR) | Market capitalisation in millions (in EU€) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| JAPANESE YEN INDEX (JPY) | Today's capital index value in JP¥. |
| JAPANESE YEN TRI (JPY) | Today's total return index value in JP¥. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (JPY) | Market capitalisation in millions (in JP¥) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |

NOTE: Indices with no constituents will not appear in the file.

21.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

21.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| ISIN | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D2C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.2.2 Record Type D2C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

21.2.3 Record Type D2C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| FillerFiller | 129 | 4 (T) | 132 |
| Secondary line | 133 | 4 (T) | 136 |
| Price | 137 | 1 (T) | 137 |
| Number of shares in issue | 138 | 16 (10.6) | 153 |
| | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent (e.g. J242 = FTSE/JSE Intl Benchmark – Financials) |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

21.2.4 Record Type D2C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Percentage weighting within index | 83 | 10 (T) | 92 |
| Percentage weighting within country | 93 | 10 (T) | 102 |
| Percentage weighting within industry | 103 | 10 (T) | 112 |
| Percentage weighting within sector | 113 | 10 (T) | 122 |

FIELD DESCRIPTIONS:

| | | | |
|---|--|--|--|
| MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT | | | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING | | | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT | | | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN INDEX | | | Percentage weighting within the Index. |
| PERCENTAGE WEIGHTING WITHIN COUNTRY | | | Percentage weighting within country. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | | | Percentage weighting within ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | | | Percentage weighting within ICB Sector. |

21.2.5 Record Type D2C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Capping Factor | 55 | 16 (10.6) | 70 |
| Market cap (Rand) after capping factor | 71 | 16 (10.6) | 86 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

CAPPING FACTOR

The capping factor applied to the constituent's market capitalisation.

MARKET CAP (RAND) AFTER CAPPING FACTOR

Adjusted market capitalisation in Rands millions at index close (net i.e. capping factor multiplied by market capitalisation used in index calculation).

21.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

21.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

21.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. D2T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.3.1.2 Record Type D2T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Previous number of constituents | 46 | 10 | 55 |
| New number of constituents | 56 | 10 | 65 |
| Previous market capitalisation | 66 | 20 (14.6) | 85 |
| New market capitalisation | 86 | 20 (14.6) | 105 |
| Previous divisor | 106 | 16 (10.6) | 121 |
| New divisor | 122 | 16 (10.6) | 137 |

FIELD DESCRIPTIONS:

| | |
|---------------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| PREVIOUS NUMBER OF CONSTITUENTS | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NEW NUMBER OF CONSTITUENTS | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

21.3.1.3 Record Type D2T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment.

21.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS**21.3.2.1 Leading Record Layout**

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D2T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.3.2.2 Record Type D2T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

21.3.2.3 Record Type D2T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

21.3.2.4 Record Type D2T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |

FIELD DESCRIPTIONS:CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

PREVIOUS INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

21.3.2.5 Record Type D2T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

21.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

21.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Board | 26 | 4 (T) | 29 |
| Market | 30 | 4 (T) | 33 |
| Exchange | 34 | 4 (T) | 37 |
| Filler | 38 | 2 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D2T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

21.3.3.2 Record Type D2T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|---------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10 (T) | 109 |
| ISIN number | 110 | 13 (T) | 122 |
| Country code | 123 | 2 (T) | 124 |
| Exchange code | 125 | 4 (T) | 128 |
| Current closing shares in issue | 129 | 15 | 143 |
| Current investibility weighting used in index calculation | 144 | 7 (3.4) | 150 |
| Secondary line | 151 | 1 (T) | 151 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D2T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D2T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

21.3.3.3 Record Type D2T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D2T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D2T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

21.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

21.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D2O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.4.2 Record Type D2O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

21.4.3 Record Type D2O Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

21.4.4 Record Type D2O Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Capping Factor | 83 | 16 (10.6) | 98 |
| Market Cap after Capping Factor | 99 | 16 (10.6) | 114 |
| Percentage weighting within Index | 115 | 10 (T) | 124 |
| Percentage weighting within Country | 125 | 10 (T) | 134 |
| Percentage weighting within Industry | 135 | 10 (T) | 144 |
| Percentage weighting within Sector | 145 | 10 (T) | 154 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN INDEX | Percentage weighting within the Index. |
| PERCENTAGE WEIGHTING WITHIN COUNTRY | Percentage weighting within country. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within ICB Sector. |

21.4.5 Record Type D2O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

21.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

21.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

21.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D2F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

21.5.1.2 Record Type D2F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

21.5.1.3 Record Type D2F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

21.5.1.4 Record Type D2F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |
| Date Last Modified | 139 | 10 (T) | 148 |
| Effective Date | 149 | 10 (T) | 158 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

21.5.1.5 Record Type D2F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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22.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

22.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D3V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

22.1.2 Record Type D3V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index name | 46 | 40 (T) | 85 |
| Number of constituents | 86 | 10 | 95 |
| Capital index (ZAR) | 96 | 18 (10.8) | 113 |
| Total return index (ZAR) | 114 | 18 (10.8) | 131 |
| XD adjustment (Today) | 132 | 13 (7.6) | 144 |
| XD adjustment (YTD) | 145 | 13 (7.6) | 157 |
| Market capitalisation (base currency) | 158 | 20 (14.6) | 177 |
| Dividend yield | 178 | 7 (3.4) | 184 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value in Rands. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value in Rands. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. $\frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in millions (in ZAR) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

22.1.3 Record Type D3V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| US dollar index (USD) | 40 | 18 (10.8) | 57 |
| US dollar TRI (USD) | 58 | 18 (10.8) | 75 |
| Market capitalisation (USD) | 76 | 20 (14.6) | 95 |
| Sterling index (GBP) | 96 | 18 (10.8) | 113 |
| Sterling TRI (GBP) | 114 | 18 (10.8) | 131 |
| Market capitalisation (GBP) | 132 | 20 (14.6) | 151 |
| Euro index (EUR) | 152 | 18 (10.8) | 169 |
| Euro TRI (EUR) | 170 | 18 (10.8) | 187 |
| Market capitalisation (EUR) | 188 | 20 (14.6) | 207 |
| Japanese yen index (JPY) | 208 | 18 (10.8) | 225 |
| Japanese yen TRI (JPY) | 226 | 18 (10.8) | 243 |
| Market capitalisation (JPY) | 244 | 20 (14.6) | 263 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| US DOLLAR INDEX (USD) | Today's capital index value in US\$. |
| US DOLLAR TRI (USD) | Today's total return index value in US\$. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (USD) | Market capitalisation in millions (in US\$) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| STERLING INDEX (GBP) | Today's capital index value in UK£. |
| STERLING TRI (GBP) | Today's total return index value in UK£. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (GBP) | Market capitalisation in millions (in UK£) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| EURO INDEX (EUR) | Today's capital index value in EU€. |
| EURO TRI (EUR) | Today's total return index value in EU€. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (EUR) | Market capitalisation in millions (in EU€) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| JAPANESE YEN INDEX (JPY) | Today's capital index value in JP¥. |
| JAPANESE YEN TRI (JPY) | Today's total return index value in JP¥. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (JPY) | Market capitalisation in millions (in JP¥) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |

NOTE: Indices with no constituents will not appear in the file.

22.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

22.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| ISIN | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D3C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

22.2.2 Record Type D3C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

22.2.3 Record Type D3C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent (e.g. J242 = FTSE/JSE Intl Benchmark – Financials) |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks.r |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

22.2.4 Record Type D3C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market cap (USD) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (USD) after investibility weight | 67 | 16 (10.6) | 82 |
| Percentage weighting within index | 83 | 10 (T) | 92 |
| Percentage weighting within country | 93 | 10 (T) | 102 |
| Percentage weighting within industry | 103 | 10 (T) | 112 |
| Percentage weighting within sector | 113 | 10 (T) | 122 |

FIELD DESCRIPTIONS:

MARKET CAP (USD) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in US\$ millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (USD) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in US\$ millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

22.2.5 Record Type D3C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Capping Factor | 55 | 16 (10.6) | 70 |
| Market cap (USD) after capping factor | 71 | 16 (10.6) | 86 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

CAPPING FACTOR

The capping factor applied to the constituent's market capitalisation.

MARKET CAP (USD) AFTER CAPPING FACTOR

Adjusted market capitalisation in US\$ millions at index close (net i.e. capping factor multiplied by market capitalisation used in index calculation).

22.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

22.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

22.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. D3T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

22.3.1.2 Record Type D3T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Previous number of constituents | 46 | 10 | 55 |
| New number of constituents | 56 | 10 | 65 |
| Previous market capitalisation | 66 | 20 (14.6) | 85 |
| New market capitalisation | 86 | 20 (14.6) | 105 |
| Previous divisor | 106 | 16 (10.6) | 121 |
| New divisor | 122 | 16 (10.6) | 137 |

FIELD DESCRIPTIONS:

| | |
|---------------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| PREVIOUS NUMBER OF CONSTITUENTS | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NEW NUMBER OF CONSTITUENTS | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

22.3.1.3 Record Type D3T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment.

22.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

22.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

INDEX CODE

Each index is identified by a unique code.

EQUITY IDENTIFIER

This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code.

RECORD TYPE

The code indicating the type of information contained in the record disseminated - e.g.: D3T.

SUB TYPE

The Sub Type related to a particular record type - e.g. Sub Type 04.

CONTINUATION SEQUENCE

The sequence number used to join together certain record types, where more than one record exists per record type.

RUN DATE

DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD.

ISIN

The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally.

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.
The end positions vary by sequence number.

22.3.2.2 Record Type D3T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

22.3.2.3 Record Type D3T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

22.3.2.4 Record Type D3T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

PREVIOUS INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

22.3.2.5 Record Type D3T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

22.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

22.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Board | 26 | 4 (T) | 29 |
| Market | 30 | 4 (T) | 33 |
| Exchange | 34 | 4 (T) | 37 |
| Filler | 38 | 2 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DQT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

22.3.3.2 Record Type D3T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|---------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10 (T) | 109 |
| ISIN number | 110 | 13 (T) | 122 |
| Country code | 123 | 2 (T) | 124 |
| Exchange code | 125 | 4 (T) | 128 |
| Current closing shares in issue | 129 | 15 | 143 |
| Current investibility weighting used in index calculation | 144 | 7 (3.4) | 150 |
| Secondary line | 151 | 1 (T) | 151 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D3T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D3T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

22.3.3.3 Record Type D3T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D3T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D3T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

22.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

22.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D3O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

22.4.2 Record Type D3O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

22.4.3 Record Type D30 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 138 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

22.4.4 Record Type D3O Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Capping Factor | 83 | 16 (10.6) | 98 |
| Market Cap after Capping Factor | 99 | 16 (10.6) | 114 |
| Percentage weighting within Index | 115 | 10 (T) | 124 |
| Percentage weighting within Country | 125 | 10 (T) | 134 |
| Percentage weighting within Industry | 135 | 10 (T) | 144 |
| Percentage weighting within Sector | 145 | 10 (T) | 154 |

FIELD DESCRIPTIONS:

MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

22.4.5 Record Type D3O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

22.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

22.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

22.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D3F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

22.5.1.2 Record Type D3F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

22.5.1.3 Record Type D3F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

22.5.1.4 Record Type D3F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |
| Date Last Modified | 139 | 10 (T) | 148 |
| Effective Date | 149 | 10 (T) | 158 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

22.5.1.5 Record Type D3F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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23.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

23.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D4V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.1.2 Record Type D4V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index name | 46 | 40 (T) | 85 |
| Number of constituents | 86 | 10 | 95 |
| Capital index (ZAR) | 96 | 18 (10.8) | 113 |
| Total return index (ZAR) | 114 | 18 (10.8) | 131 |
| XD adjustment (Today) | 132 | 13 (7.6) | 144 |
| XD adjustment (YTD) | 145 | 13 (7.6) | 157 |
| Market capitalisation (ZAR) | 158 | 20 (14.6) | 177 |
| Dividend yield | 178 | 7 (3.4) | 184 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value in Rands. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value in Rands. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. $\frac{\sum (\text{shares} \times \text{investibility} \times \text{actual dividend})}{\sum (\text{shares} \times \text{investibility} \times \text{price})}$ |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in millions (in ZAR) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

23.1.3 Record Type D4V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| US dollar index (USD) | 40 | 18 (10.8) | 57 |
| US dollar TRI (USD) | 58 | 18 (10.8) | 75 |
| Market capitalisation (USD) | 76 | 20 (14.6) | 95 |
| Sterling index (GBP) | 96 | 18 (10.8) | 113 |
| Sterling TRI (GBP) | 114 | 18 (10.8) | 131 |
| Market capitalisation (GBP) | 132 | 20 (14.6) | 151 |
| Euro index (EUR) | 152 | 18 (10.8) | 169 |
| Euro TRI (EUR) | 170 | 18 (10.8) | 187 |
| Market capitalisation (EUR) | 188 | 20 (14.6) | 207 |
| Japanese yen index (JPY) | 208 | 18 (10.8) | 225 |
| Japanese yen TRI (JPY) | 226 | 18 (10.8) | 243 |
| Market capitalisation (JPY) | 244 | 20 (14.6) | 263 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| US DOLLAR INDEX (USD) | Today's capital index value in US\$. |
| US DOLLAR TRI (USD) | Today's total return index value in US\$. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (USD) | Market capitalisation in millions (in US\$) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| STERLING INDEX (GBP) | Today's capital index value in UK£. |
| STERLING TRI (GBP) | Today's total return index value in UK£. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (GBP) | Market capitalisation in millions (in UK£) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| EURO INDEX (EUR) | Today's capital index value in EU€. |
| EURO TRI (EUR) | Today's total return index value in EU€. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (EUR) | Market capitalisation in millions (in EU€) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| JAPANESE YEN INDEX (JPY) | Today's capital index value in JP¥. |
| JAPANESE YEN TRI (JPY) | Today's total return index value in JP¥. See Appendix A for definition and calculation method. |
| MARKET CAPITALISATION (JPY) | Market capitalisation in millions (in JP¥) at today's close (net, after free float and adjustment by one year-forecast dividend yield) |

NOTE: Indices with no constituents will not appear in the file.

23.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

23.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| ISIN | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D4C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.2.2 Record Type D4C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

23.2.3 Record Type D4C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent (e.g. J242 = FTSE/JSE Intl Benchmark – Financials) |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

23.2.4 Record Type D4C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market cap (USD) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (USD) after investibility weight | 67 | 16 (10.6) | 82 |
| Percentage weighting within index | 83 | 10 (T) | 92 |
| Percentage weighting within country | 93 | 10 (T) | 102 |
| Percentage weighting within industry | 103 | 10 (T) | 112 |
| Percentage weighting within sector | 113 | 10 (T) | 122 |

FIELD DESCRIPTIONS:

MARKET CAP (USD) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in US\$ millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (USD) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in US\$ millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

23.2.5 Record Type D4C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Capping Factor | 55 | 16 (10.6) | 70 |
| Market cap (USD) after capping factor | 71 | 16 (10.6) | 86 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

CAPPING FACTOR

The capping factor applied to the constituent's market capitalisation.

MARKET CAP (USD) AFTER CAPPING FACTOR

Adjusted market capitalisation in US\$ millions at index close (net i.e. capping factor multiplied by market capitalisation used in index calculation).

23.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

23.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

23.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Filler | 26 | 14 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. D4T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.3.1.2 Record Type D4T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Previous number of constituents | 46 | 10 | 55 |
| New number of constituents | 56 | 10 | 65 |
| Previous market capitalisation | 66 | 20 (14.6) | 85 |
| New market capitalisation | 86 | 20 (14.6) | 105 |
| Previous divisor | 106 | 16 (10.6) | 121 |
| New divisor | 122 | 16 (10.6) | 137 |

FIELD DESCRIPTIONS:

| | |
|---------------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| PREVIOUS NUMBER OF CONSTITUENTS | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NEW NUMBER OF CONSTITUENTS | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

23.3.1.3 Record Type D4T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment.

23.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

23.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 6 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D4T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.3.2.2 Record Type D4T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

23.3.2.3 Record Type D4T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

23.3.2.4 Record Type D4T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

PREVIOUS INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

23.3.2.5 Record Type D4T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

23.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

23.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 4 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 (T) | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Board | 26 | 4 (T) | 29 |
| Market | 30 | 4 (T) | 33 |
| Exchange | 34 | 4 (T) | 37 |
| Filler | 38 | 2 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D4T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

23.3.3.2 Record Type D4T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|---------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10 (T) | 109 |
| ISIN number | 110 | 13 (T) | 122 |
| Country code | 123 | 2 (T) | 124 |
| Exchange code | 125 | 4 (T) | 128 |
| Current closing shares in issue | 129 | 15 | 143 |
| Current investibility weighting used in index calculation | 144 | 7 (3.4) | 150 |
| Secondary line | 151 | 1 (T) | 151 |

FIELD DESCRIPTIONS:

| | |
|---|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D4T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D4T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

23.3.3.3 Record Type D4T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D4T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D4T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

23.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

23.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Empty Padding | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EMPTY PADDING | Unused field. The records will all have spaces at this position. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D4O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.4.2 Record Type D4O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 10 (T) | 72 |
| Constituent name | 73 | 50 (T) | 122 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

23.4.3 Record Type D40 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|------------|---------|
| Index marker | 40 | 6 x 12 (T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 4 (T) | 117 |
| ISO code | 118 | 3 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 168 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|---|
| INDEX MARKER | Indices of which company is a constituent |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE | Closing price in the currency specified. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

23.4.4 Record Type D40 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|-----------|---------|
| Market cap (Rand) before investibility weight | 40 | 16 (10.6) | 55 |
| Investibility Weighting | 56 | 11 (T) | 66 |
| Market cap (Rand) after investibility weight | 67 | 16 (10.6) | 82 |
| Capping Factor | 83 | 16 (10.6) | 98 |
| Market Cap after Capping Factor | 99 | 16 (10.6) | 114 |
| Percentage weighting within Index | 115 | 10 (T) | 124 |
| Percentage weighting within Country | 125 | 10 (T) | 134 |
| Percentage weighting within Industry | 135 | 10 (T) | 144 |
| Percentage weighting within Sector | 145 | 10 (T) | 154 |

FIELD DESCRIPTIONS:

MARKET CAP (RAND) BEFORE INVESTIBILITY WEIGHT Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor).

INVESTIBILITY WEIGHTING Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield).

MARKET CAP (RAND) AFTER INVESTIBILITY WEIGHT Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation).

PERCENTAGE WEIGHTING WITHIN INDEX Percentage weighting within the Index.

PERCENTAGE WEIGHTING WITHIN COUNTRY Percentage weighting within country.

PERCENTAGE WEIGHTING WITHIN INDUSTRY Percentage weighting within ICB Industry.

PERCENTAGE WEIGHTING WITHIN SECTOR Percentage weighting within ICB Sector.

23.4.5 Record Type D4O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

23.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

23.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

23.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity Identifier | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| ISIN | 28 | 14 | 41 |
| Data (layouts below) | 42 | 109 | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY IDENTIFIER | This field contains a generated identifier used to differentiate between instruments on multiple lines; it is partly based on Constituent Code and is not maintained by JSE. It is intended only for record processing and is not supported outside of this purpose. International equities should still be uniquely identified by FTSE Constituent Code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D4F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. The end positions vary by sequence number. |

23.5.1.2 Record Type D4F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 42 | 10 (T) | 51 |
| Constituent name | 52 | 50 (T) | 101 |
| Filler | 102 | 10 (T) | 111 |
| ISIN number | 112 | 13 (T) | 124 |
| Country code | 125 | 2 (T) | 126 |
| Exchange code | 127 | 4 (T) | 130 |
| ISO code | 131 | 3 (T) | 133 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent according to ISO 3166-1 (ALPHA 2). Example: Italy = IT and Switzerland = CH. Refer to appendix in section 42.2 to review the rules for this field. |
| EXCHANGE CODE | Primary exchange code for constituent as defined by FTSE (e.g. AAS = Australian Securities Exchange and NCT = Toronto Stock Exchange) |
| ISO CODE | ISO currency code for constituent in accordance with the ISO 4217 standard. Exceptions are where values are specified in British Pennies (£1 ÷ 100), the non-standard code GBX is used to differentiate from GBP. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

23.5.1.3 Record Type D4F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|-----------|---------|
| Index Marker | 42 | 6 x12 (T) | 113 |
| Filler | 114 | 4 (T) | 117 |
| Filler | 118 | 4 (T) | 121 |
| Closing price | 122 | 16 (10.6) | 137 |
| Price adjustment factor | 138 | 16 (10.6) | 153 |
| Adjusted price | 154 | 16 (10.6) | 169 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in the specified currency. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

23.5.1.4 Record Type D4F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|--------|---------|
| Closing shares in issue outstanding | 42 | 15 | 56 |
| New shares in issue outstanding | 57 | 15 | 71 |
| Previous investibility weighting used in index calculation | 72 | 10 (T) | 81 |
| New investibility weighting used in index calculation | 82 | 10 (T) | 91 |
| Secondary line | 92 | 1 (T) | 92 |
| FTSE amendment code | 93 | 6 (T) | 98 |
| FTSE amendment code notes | 99 | 40 (T) | 138 |
| Date Last Modified | 139 | 10 (T) | 148 |
| Effective Date | 149 | 10 (T) | 158 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

23.5.1.5 Record Type D4F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|--------|---------|
| Previous Capping Factor | 42 | 16 (T) | 57 |
| New Capping Factor | 58 | 16 (T) | 73 |

FIELD DESCRIPTIONS:

PREVIOUS CAPPING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW CAPPING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

24 FTSE / JSE AFRICA INDEX SERIES – CAPPED SHARIAH TOP 40 INDEX

24.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

24.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DEV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.1.2 Record Type DEV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

24.1.3 Record Type DEV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

24.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

24.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DEC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.2.2 Record Type DEC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

24.2.3 Record Type DEC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Shariah Capped Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

24.2.4 Record Type DEC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

24.2.5 Record Type DEC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

24.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

24.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

24.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DET. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.3.1.2 Record Type DET Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

24.3.1.3 Record Type DET Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

24.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

24.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DET. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.3.2.2 Record Type DET Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

24.3.2.3 Record Type DET Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

24.3.2.4 Record Type DET Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

24.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

24.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 106 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DET. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.3.3.2 Record Type DET Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DET sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DET sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

24.3.3.3 Record Type DET Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DET sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DET sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

24.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

24.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DEO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.4.2 Record Type DEO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

24.4.3 Record Type DEO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J141 = FTSE / JSE Capped Shariah Top 40 Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

24.4.4 Record Type DEO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

24.4.5 Record Type DEO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

24.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

24.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

24.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DEF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

24.5.1.2 Record Type DEF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

24.5.1.3 Record Type DEF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

24.5.1.4 Record Type DEF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

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25.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

25.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DTV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.1.2 Record Type DTV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

25.1.3 Record Type DTV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

25.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

25.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.2.2 Record Type DTC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

25.2.3 Record Type DTC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J3EQ = Equally Weighted Resources 10) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

25.2.4 Record Type DTC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

25.2.5 Record Type DTC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

25.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

25.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

25.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.3.1.2 Record Type DTT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

25.3.1.3 Record Type DTT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

25.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

25.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.3.2.2 Record Type DTT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.3.2.3 Record Type DTT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.3.2.4 Record Type DTT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.3.2.5 Record Type DTT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

25.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 106 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.3.3.2 Record Type DTT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DTT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DTT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

25.3.3.3 Record Type DTT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DTT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DTT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

25.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

25.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.4.2 Record Type DTO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

25.4.3 Record Type DTO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J3EQ = Equally Weighted Resources 10) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

25.4.4 Record Type DTO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

25.4.5 Record Type DTO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

25.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

25.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

25.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

25.5.1.2 Record Type DTF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.5.1.3 Record Type DTF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.5.1.4 Record Type DTF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this compa.ny - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

25.5.1.5 Record Type DTF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26 FTSE / JSE AFRICA INDEX SERIES –RESOURCE 10 CAPPED INDEX

26.1 VALUATIONS DATA FILES

The FTSE/JSE Resources 10 Capped Index will consist of constituents of the FTSE/JSE Resources 10 Index. This index will be capped at 30% at each quarterly review.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

26.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D8V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.1.2 Record Type D8V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123139 | 16 (10.6) | 138 |
| Dividend yield | | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

26.1.3 Record Type D8V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

26.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

26.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D8C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.2.2 Record Type D8C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

26.2.3 Record Type D8C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J310 = Resources 10 Capped Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

26.2.4 Record Type D8C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjustment for capping). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

26.2.5 Record Type D8C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

26.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

26.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

26.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. D8T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.3.1.2 Record Type D8T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

26.3.1.3 Record Type D8T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

26.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

26.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D8T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.3.2.2 Record Type D8T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.3.2.3 Record Type D8T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.3.2.4 Record Type D8T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.3.2.5 Record Type D8T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

26.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 106 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D8T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.3.3.2 Record Type D8T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DTT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DTT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

26.3.3.3 Record Type D8T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 4 (T) | 79 |
| XD adjustment value | 80 | 16 (10.6) | 95 |
| FTSE dividend code | 96 | 10 (T) | 105 |
| FTSE dividend notes | 106 | 40 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DTT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D8T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

26.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

26.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D8O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.4.2 Record Type D8O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

26.4.3 Record Type D8O Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J310 = Resources 10 Capped Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

26.4.4 Record Type D8O Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

26.4.5 Record Type D8O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

26.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

26.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

26.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D8F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

26.5.1.2 Record Type D8F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.5.1.3 Record Type D8F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.5.1.4 Record Type D8F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

26.5.1.5 Record Type D8F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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27.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

27.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DUV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.1.2 Record Type DUV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

27.1.3 Record Type DUV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

27.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

27.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DUC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.2.2 Record Type DUC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

27.2.3 Record Type DUC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J4EQ = Equally Weighted Financial 15) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

27.2.4 Record Type DUC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

27.2.5 Record Type DUC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

27.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

27.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

27.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DUT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.3.1.2 Record Type DUT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

27.3.1.3 Record Type DUT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

27.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

27.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DUT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.3.2.2 Record Type DUT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.3.2.3 Record Type DUT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| CLOSING ICB SUB-SECTOR CODE | ICB sub-sector code as at close of trading day. |
| NEW ICB SUB-SECTOR CODE | ICB sub-sector code for the next trading day. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.3.2.4 Record Type DUT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.3.2.5 Record Type DUT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

27.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 106 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DUT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.3.3.2 Record Type DUT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DUT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DUT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

27.3.3.3 Record Type DUT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DUT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DUT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

27.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

27.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DUO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.4.2 Record Type DUO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

27.4.3 Record Type DUO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J4EQ = Equally Weighted Financial 15) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

27.4.4 Record Type DUO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

27.4.5 Record Type DUO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

27.5 FIVE-DAY TRACKER DATA

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

27.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

27.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DUF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

27.5.1.2 Record Type DUF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.5.1.3 Record Type DUF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| Filler | Spaces or Blanks. |
| Filler | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.5.1.4 Record Type DUF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

27.5.1.5 Record Type DUF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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28.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

28.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DVV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.1.2 Record Type DVV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| DIVIDEND YIELD | Dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

28.1.3 Record Type DVV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

28.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

28.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DVC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.2.2 Record Type DVC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

28.2.3 Record Type DVC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J5EQ = Equally Weighted Industrial 25) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

28.2.4 Record Type DVC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

28.2.5 Record Type DVC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

28.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

28.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

28.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DVT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.3.1.2 Record Type DVT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

28.3.1.3 Record Type DVT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

28.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

28.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DVT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.3.2.2 Record Type DVT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.3.2.3 Record Type DVT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.3.2.4 Record Type DVT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.3.2.5 Record Type DVT Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

28.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 106 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DVT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.3.3.2 Record Type DVT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DVT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DVT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

28.3.3.3 Record Type DVT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DVT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DVT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

28.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

28.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DVO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.4.2 Record Type DVO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| Filler | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

28.4.3 Record Type DVO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J5EQ = Equally Weighted Industrial 10) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

28.4.4 Record Type DVO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

28.4.5 Record Type DVO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6.10) | 70 |

FIELD DESCRIPTIONS:

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

DIVIDEND YIELD PERCENTAGE

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

28.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

28.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

28.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DVF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

28.5.1.2 Record Type DVF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.5.1.3 Record Type DVF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.5.1.4 Record Type DVF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

28.5.1.5 Record Type DVF Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

29 FTSE / JSE AFRICA INDEX SERIES – TOP 40 DIVIDEND INDEX

29.1 INDEX POINTS DATA FILE

This file contains the index points for the index for the current trading day.

29.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Index alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 60 | 99 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX ALPHA CODE | Current JSE index alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DZP |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

29.1.2 Record Type DZP Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index name | 46 | 40 (T) | 85 |
| Index points | 86 | 16 (12.4) | 101 |

FIELD DESCRIPTIONS:

| | |
|--------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX NAME | The name of the index. |
| INDEX POINTS | Sum of all the daily XD adjustment factors for the constituents of the Top 40 index. |

30 FTSE / JSE MINIMUM VARIANCE – TOP 40

Only the Minimum Variance – Top 40 Index will be provided in the data files below.

30.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

30.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6V. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.1.2 Record Type D6V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Index Price | 61 | 16 (10.6) | 76 |
| Index Price USD | 77 | 16 (10.6) | 92 |
| Index Price EUR | 93 | 16 (10.6) | 108 |
| Index Price GBP | 109 | 16 (10.6) | 124 |
| Index Price JPY | 125 | 16 (10.6) | 140 |
| Index Price AUD | 141 | 16 (10.6) | 156 |
| Capital index (ZAR) | 157 | 18 (10.8) | 174 |
| Total return index (ZAR) | 175 | 18 (10.8) | 192 |
| Total Return Index USD | 193 | 18 (10.8) | 210 |
| Total Return Index EUR | 211 | 18 (10.8) | 228 |
| Total Return Index GBP | 229 | 18 (10.8) | 246 |
| Total Return Index JPY | 247 | 18 (10.8) | 264 |
| Total Return Index AUD | 265 | 18 (10.8) | 282 |
| XD adjustment (today) | 283 | 13 (7.6) | 295 |
| XD adjustment (YTD) | 296 | 13 (7.6) | 308 |
| Market capitalisation (ZAR) | 309 | 16 (10.6) | 324 |
| Market Capitalisation USD | 325 | 16 (10.6) | 340 |
| Market Capitalisation EUR | 341 | 16 (10.6) | 356 |
| Market Capitalisation GBP | 357 | 16 (10.6) | 372 |
| Market Capitalisation JPY | 373 | 16 (10.6) | 388 |
| Market Capitalisation AUD | 389 | 16 (10.6) | 404 |
| Actual dividend yield | 405 | 7 (3.4) | 411 |

FIELD DESCRIPTIONS:

| | |
|------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| INDEX PRICE | Index price in Rands |
| INDEX PRICE USD | Index price in US Dollars |
| INDEX PRICE EUR | Index price in EURO's |
| INDEX PRICE GBP | Index price in British Pounds |
| INDEX PRICE JPY | Index price in Yen |
| INDEX PRICE AUD | Index price in Australian Dollars |
| CAPITAL INDEX (ZAR) | Today's capital index value. |

| | |
|-----------------------------|---|
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| TOTAL RETURN INDEX USD | Today's total return index value in US Dollars |
| TOTAL RETURN INDEX EUR | Today's total return index value in EURO's |
| TOTAL RETURN INDEX GBP | Today's total return index value in British Pounds |
| TOTAL RETURN INDEX JPY | Today's total return index value in Yen |
| TOTAL RETURN INDEX AUD | Today's total return index value in Australian Dollars |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| MARKET CAPITALISATION USD | Market capitalisation in US Dollars |
| MARKET CAPITALISATION EUR | Market capitalisation in EURO's |
| MARKET CAPITALISATION GBP | Market capitalisation in British Pounds |
| MARKET CAPITALISATION JPY | Market capitalisation in Yen |
| MARKET CAPITALISATION AUD | Market capitalisation in Australian Dollars |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times \frac{100}{100}$$

30.1.3 Record Type D6V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

30.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every Minimum Variance Index in this family. At the time of production of this manual only one Minimum Variance index is being calculated i.e. the Minimum Variance Top 40 Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

30.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

30.2.2 Record Type D6C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Filler | 50 | 10 (T) | 59 |
| ISIN number | 60 | 13 (T) | 72 |
| Filler | 73 | 6 (T) | 78 |
| Constituent name | 79 | 50 (T) | 128 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

30.2.3 Record Type D6C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price (Rand) | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 157 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| Filler | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

30.2.4 Record Type D6C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

30.2.5 Record Type D6C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

30.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

30.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

30.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.3.1.2 Record Type D6T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index Sector Name | 46 | 50 (T) | 95 |
| Number of constituents (previous market cap) | 96 | 15 | 110 |
| Number of constituents (new market cap) | 111 | 15 | 125 |
| Previous market cap | | | |
| New market cap | 126 | 16 (10.6) | 141 |
| Previous divisor | 142 | 16 (10.6) | 157 |
| New divisor | 158 | 16 (10.6) | 173 |
| | 174 | 16 (10.6) | 189 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX SECTOR NAME | Index sector name |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

30.3.1.3 Record Type D6T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

30.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

30.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.3.2.2 Record Type D6T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

30.3.2.3 Record Type D6T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

30.3.2.4 Record Type D6T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

30.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

30.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.3.3.2 Record Type D6T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D6T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D6T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

30.3.3.3 Record Type D6T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D6T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D6T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

30.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

30.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.4.2 Record Type D6O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Filler | 50 | 10 | 59 |
| ISIN number | 60 | 13 (T) | 72 |
| FILLER | 7379 | 6 (T) | 78 |
| Constituent name | | 50 (T) | 128 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

30.4.3 Record Type D6O Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

30.4.4 Record Type D6O Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

30.4.5 Record Type D6O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

30.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

30.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

30.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D6F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

30.5.1.2 Record Type D6F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10(T) | 109 |
| Filler | 110 | 6 (T) | 115 |
| ISIN number | 116 | 13 (T) | 128 |
| Country code | 129 | 2 (T) | 130 |
| Exchange code | 131 | 2 (T) | 132 |
| ISO code | 133 | 5 (T) | 137 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

30.5.1.3 Record Type D6F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

30.5.1.4 Record Type D6F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

31 FTSE / JSE MINIMUM VARIANCE – ALL SHARE

Only the Minimum Variance – All Share Index will be provided in the data files below.

31.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

31.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5V. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.1.2 Record Type D5V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Index Price | 61 | 16 (10.6) | 76 |
| Index Price USD | 77 | 16 (10.6) | 92 |
| Index Price EUR | 93 | 16 (10.6) | 108 |
| Index Price GBP | 109 | 16 (10.6) | 124 |
| Index Price JPY | 125 | 16 (10.6) | 140 |
| Index Price AUD | 141 | 16 (10.6) | 156 |
| Capital index (ZAR) | 157 | 18 (10.8) | 174 |
| Total return index (ZAR) | 175 | 18 (10.8) | 192 |
| Total Return Index USD | 193 | 18 (10.8) | 210 |
| Total Return Index EUR | 211 | 18 (10.8) | 228 |
| Total Return Index GBP | 229 | 18 (10.8) | 246 |
| Total Return Index JPY | 247 | 18 (10.8) | 264 |
| Total Return Index AUD | 265 | 18 (10.8) | 282 |
| XD adjustment (today) | 283 | 13 (7.6) | 295 |
| XD adjustment (YTD) | 296 | 13 (7.6) | 308 |
| Market capitalisation (ZAR) | 309 | 16 (10.6) | 324 |
| Market Capitalisation USD | 325 | 16 (10.6) | 340 |
| Market Capitalisation EUR | 341 | 16 (10.6) | 356 |
| Market Capitalisation GBP | 357 | 16 (10.6) | 372 |
| Market Capitalisation JPY | 373 | 16 (10.6) | 388 |
| Market Capitalisation AUD | 389 | 16 (10.6) | 404 |
| Actual dividend yield | 405 | 7 (3.4) | 411 |

FIELD DESCRIPTIONS:

| | |
|------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| INDEX PRICE | Index price in Rands |
| INDEX PRICE USD | Index price in US Dollars |
| INDEX PRICE EUR | Index price in EURO's |
| INDEX PRICE GBP | Index price in British Pounds |
| INDEX PRICE JPY | Index price in Yen |
| INDEX PRICE AUD | Index price in Australian Dollars |
| CAPITAL INDEX (ZAR) | Today's capital index value. |

| | |
|-----------------------------|---|
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| TOTAL RETURN INDEX USD | Today's total return index value in US Dollars |
| TOTAL RETURN INDEX EUR | Today's total return index value in EURO's |
| TOTAL RETURN INDEX GBP | Today's total return index value in British Pounds |
| TOTAL RETURN INDEX JPY | Today's total return index value in Yen |
| TOTAL RETURN INDEX AUD | Today's total return index value in Australian Dollars |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| MARKET CAPITALISATION USD | Market capitalisation in US Dollars |
| MARKET CAPITALISATION EUR | Market capitalisation in EURO's |
| MARKET CAPITALISATION GBP | Market capitalisation in British Pounds |
| MARKET CAPITALISATION JPY | Market capitalisation in Yen |
| MARKET CAPITALISATION AUD | Market capitalisation in Australian Dollars |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |
| | $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ |
| | $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times \frac{100}{100}$ |

31.1.3 Record Type D5V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

31.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every Minimum Variance Index in this family. At the time of production of this manual only one Minimum Variance index is being calculated i.e. the Minimum Variance All Share Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

31.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

31.2.2 Record Type D5C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| FILLER | 50 | 10 (T) | 59 |
| ISIN number | 60 | 13 (T) | 72 |
| FILLER | 73 | 6 (T) | 78 |
| Constituent name | 79 | 50 (T) | 128 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

31.2.3 Record Type D5C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Filler | 125 | 4 (T) | 128 |
| Filler | 129 | 4 (T) | 132 |
| Filler | 133 | 4 (T) | 136 |
| Secondary line | 137 | 1 (T) | 137 |
| Price (Rand) | 138 | 16 (10.6) | 153 |
| Number of shares in issue | 154 | 15 | 157 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

31.2.4 Record Type D5C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within Industry | 103 | 16 (T) | 118 |
| Percentage weighting within sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB Industry. |
| PERCENTAGE WEIGHTING WITHIN SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector. |

31.2.5 Record Type D5C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

31.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

31.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

31.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.3.1.2 Record Type D5T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Index Sector Name | 46 | 50 (T) | |
| Number of constituents (previous market cap) | 96 | 15 | 110 |
| Number of constituents (new market cap) | 111 | 15 | 125 |
| Previous market cap | 126 | 16 (10.6) | 141 |
| New market cap | 142 | 16 (10.6) | 157 |
| Previous divisor | 158 | 16 (10.6) | 173 |
| New divisor | 174 | 16 (10.6) | 189 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX SECTOR NAME | Index Sector name |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

31.3.1.3 Record Type D5T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

31.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

31.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.3.2.2 Record Type D5T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

31.3.2.3 Record Type D5T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

31.3.2.4 Record Type D5T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

31.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

31.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.3.3.2 Record Type D5T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D5T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D5T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

31.3.3.3 Record Type D5T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D5T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D5T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

31.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

31.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.4.2 Record Type D5O Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Filler | 50 | 10 | 59 |
| ISIN number | 60 | 13 (T) | 72 |
| FILLER | 73 | 6 (T) | 78 |
| Constituent name | 79 | 50 (T) | 128 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

31.4.3 Record Type D50 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

31.4.4 Record Type D50 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

31.4.5 Record Type D5O Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

31.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

31.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

31.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

31.5.1.2 Record Type D5F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| Filler | 100 | 10(T) | 109 |
| Filler | 110 | 6 (T) | 115 |
| ISIN number | 116 | 13 (T) | 128 |
| Country code | 129 | 2 (T) | 130 |
| Exchange code | 131 | 2 (T) | 132 |
| ISO code | 133 | 5 (T) | 137 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

31.5.1.3 Record Type D5F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

31.5.1.4 Record Type D5F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

32 FTSE / JSE RESPONSIBLE INVESTMENT

Only the Responsible Investment Index will be provided in the data files below.

32.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

32.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

32.1.2 Record Type D9V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 | 138 |
| Actual dividend yield | 139 | 7 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

32.1.3 Record Type D9V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

32.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every Responsible Investment Index in this family. At the time of production of this manual only one Responsible Investment index is being calculated i.e. the Responsible Investment Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

32.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D9C. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

32.2.2 Record Type D9C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

32.2.3 Record Type D9C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

32.2.4 Record Type D9C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

32.2.5 Record Type D9C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

32.3 TRACKER DATA FILES

32.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

32.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D9T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |

32.3.1.2 Record Type D9T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | | | |
| New market cap | 76 | 16 (10.6) | 91 |
| Previous divisor | 92 | 16 (10.6) | 107 |
| New divisor | 108 | 16 (10.6) | 123 |
| | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

32.3.1.3 Record Type D9T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

32.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

32.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |

32.3.2.2 Record Type D9T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

32.3.2.3 Record Type D9T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

32.3.2.4 Record Type D9T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

32.3.2.5 Record Type D9T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

32.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

32.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D9T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

32.3.3.2 Record Type D9T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D9T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D9T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

32.3.3.3 Record Type D9T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D9T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D9T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

32.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

32.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5O. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

32.4.2 Record Type D90 Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

32.4.3 Record Type D90 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

32.4.4 Record Type D90 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

32.4.5 Record Type D90 Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

32.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

32.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

32.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 15 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D5F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

32.5.1.2 Record Type D9F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

32.5.1.3 Record Type D9F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

32.5.1.4 Record Type D9F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

32.5.1.5 Record Type D9F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

33 FTSE / JSE RESPONSIBLE INVESTMENT TOP 30

Only the Responsible Investment Top 30 Index will be provided in the data files below.

33.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

33.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D0V |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

33.1.2 Record Type D0V Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 | 138 |
| Actual dividend yield | 139 | 7 | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment for shareholder weighting) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. $\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$ $\text{Div yield of index} = \frac{\sum (\text{shares x investibility x annual div})}{\sum (\text{shares x investibility x price})} \times 100$ |

33.1.3 Record Type D0V Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

DAILY PERFORMANCE (CAPITALISATION) Percentage change from previous day's capital index close.

$$= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$$

DAILY PERFORMANCE (TRI) Percentage changes from previous day's TR index close.

$$= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$$

PERCENTAGE WEIGHTING WITHIN THIS INDEX Percentage weighting within this Index.

EARNINGS YIELD The earnings per share for the past 12 months divided by the closing price

EARNINGS YIELD SIGN The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value.

NOTE: Sector indices with no constituents will not appear in the file

33.2 CONSTITUENTS DATA FILES

This file contains the index constituents as at the end of the current day.

Please note that the sequences will be created in multiples of 4 for every Responsible Investment Index in this family. At the time of production of this manual only one Responsible Investment index is being calculated i.e. the Responsible Investment Index.

The sequences will work as follows:

Sequences 01 - 04, will carry data for all indices in this family, and the constituents within each index can be identified by looking at the fields within the leading record. The index code in the leading record needs to be used in conjunction with the Record Type's sequence number in order to distinguish which index a constituent record is referring.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

33.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DOC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |

DATA (LAYOUTS BELOW)

The relevant record type(s) requested by the user will be given.

33.2.2 Record Type D0C Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

33.2.3 Record Type D0C Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J200 = FTSE / JSE Top 40) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

33.2.4 Record Type D0C Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by free float rule and adjusted for shareholder weighting). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

33.2.5 Record Type D0C Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

33.3 TRACKER DATA FILES

33.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

33.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. D0T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |

33.3.1.2 Record Type D0T Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | | | |
| New market cap | 76 | 16 (10.6) | 91 |
| Previous divisor | 92 | 16 (10.6) | 107 |
| New divisor | 108 | 16 (10.6) | 123 |
| | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

33.3.1.3 Record Type D0T Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

33.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

33.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D0T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |

33.3.2.2 Record Type D0T Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

33.3.2.3 Record Type D0T Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

33.3.2.4 Record Type D0T Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

33.3.2.5 Record Type D0T Sub Type 04 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

33.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

33.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D0T. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

33.3.3.2 Record Type D0T Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: D9T sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D9T sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

33.3.3.3 Record Type D0T Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: D0T sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, D0T sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

33.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

33.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D00. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

33.4.2 Record Type D00 Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

33.4.3 Record Type D00 Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

33.4.4 Record Type D00 Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |

33.4.5 Record Type D00 Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |
| Weighting Factor | 55 | 16 (6,10) | 70 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

WEIGHTING FACTOR

Constituent market capitalisation adjustment factor.

33.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

33.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

33.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 15 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: D0F. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

33.5.1.2 Record Type D0F Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

33.5.1.3 Record Type D0F Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

33.5.1.4 Record Type D0F Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

33.5.1.5 Record Type D0F Sub Type 14 Sequence No. 04

This record will be present for all rows in sequence 03, even if both fields below are empty of values.

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Previous Weighting Factor | 40 | 16 (T) | 55 |
| New Weighting Factor | 56 | 16 (T) | 71 |

FIELD DESCRIPTIONS:

PREVIOUS WEIGHTING FACTOR

The currently applied constituent market capitalisation adjustment factor on the constituent as at today. This value is a decimal number but is only shown if the value is affected by the amendment.

NEW WEIGHTING FACTOR

The constituent market capitalisation adjustment factor on the constituent as it will be on the next trading day. This value is a decimal number but is only shown if the value is affected by the amendment.

Note: This sequence will be created with continuation numbers in multiples of four (4), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 04, the details of the second corporate action for the same instrument will appear between continuation numbers 05 and 08.

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34.1 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

34.1.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

34.1.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: NTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more that one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

34.1.1.2 Record Type NTT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | | | |
| New market cap | 76 | 16 (10.6) | 91 |
| Previous divisor | 92 | 16 (10.6) | 107 |
| New divisor | 108 | 16 (10.6) | 123 |
| | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after adjustment for shareholder weighting. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, after effected changes and adjustment for shareholder weighting. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

34.1.1.3 Record Type NTT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Todays ex dividend adjustment in Rands.

34.1.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

34.1.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: NTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

34.1.2.2 Record Type NTT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTION

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

34.1.2.3 Record Type NTT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

INDEX MARKER String of max 12 index codes to which this constituent/tradable instrument belongs.

FILLER Spaces or Blanks.

FILLER Spaces or Blanks.

CLOSING PRICE Closing price at market close - in Rand.

PRICE ADJUSTMENT FACTOR Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation.

ADJUSTED PRICE Share price in currency indicated, after price adjustment factor.

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

34.1.2.4 Record Type NTT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined either by free float rule or share capping).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created in multiples of three (3), to reflect multiple corporate actions.

34.1.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

34.1.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DTT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

34.1.3.2 Record Type NTT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: NTT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, NTT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

34.1.3.3 Record Type NTT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 4 (T) | 79 |
| XD adjustment value | 80 | 16 (10.6) | 95 |
| FTSE dividend code | 96 | 10 (T) | 105 |
| FTSE dividend notes | 106 | 40 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: NTT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, NTT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

35 FTSE / JSE CAPPED SHAREHOLDER WEIGHTED – ALL SHARE INDEX

35.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

35.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DKV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.1.2 Record Type DKV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

35.1.3 Record Type DKV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

35.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

35.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.2.2 Record Type DKC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

35.2.3 Record Type DKC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

35.2.4 Record Type DKC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

35.2.5 Record Type DKC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

35.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

35.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

35.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.3.1.2 Record Type DKT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

35.3.1.3 Record Type DKT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

35.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

35.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.3.2.2 Record Type DKT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

35.3.2.3 Record Type DKT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

35.3.2.4 Record Type DKT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

35.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

35.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.3.3.2 Record Type DKT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DRT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

35.3.3.3 Record Type DKT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DRT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

35.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

35.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.4.2 Record Type DKO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

35.4.3 Record Type DKO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

35.4.4 Record Type DKO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

35.4.5 Record Type DKO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

35.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

35.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

35.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

35.5.1.2 Record Type DKF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

35.5.1.3 Record Type DKF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

35.5.1.4 Record Type DKF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

36 FTSE / JSE CAPPED SHAREHOLDER WEIGHTED – TOP 40 INDEX

36.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

36.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DLV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.1.2 Record Type DLV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

36.1.3 Record Type DLV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

36.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

36.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.2.2 Record Type DLC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

36.2.3 Record Type DLC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

36.2.4 Record Type DLC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

36.2.5 Record Type DLC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

36.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

36.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

36.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.3.1.2 Record Type DLT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

36.3.1.3 Record Type DLT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

36.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

36.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.3.2.2 Record Type DLT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

36.3.2.3 Record Type DLT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

36.3.2.4 Record Type DLT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

36.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

36.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.3.3.2 Record Type DLT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DRT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

36.3.3.3 Record Type DLT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DRT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

36.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

36.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.4.2 Record Type DLO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

36.4.3 Record Type DLO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | ICB Sub-sector code. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

36.4.4 Record Type DLO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

36.4.5 Record Type DLO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

36.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

36.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

36.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

36.5.1.2 Record Type DLF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

36.5.1.3 Record Type DLF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

36.5.1.4 Record Type DLF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

37 FTSE / JSE CAPPED INDUSTRIAL 25 INDEX

37.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

37.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DLV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.1.2 Record Type DMV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

37.1.3 Record Type DMV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

37.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

37.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.2.2 Record Type DMC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

37.2.3 Record Type DMC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

37.2.4 Record Type DMC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

37.2.5 Record Type DMC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

37.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

37.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

37.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.3.1.2 Record Type DMT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

37.3.1.3 Record Type DMT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

37.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

37.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.3.2.2 Record Type DMT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

37.3.2.3 Record Type DMT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

37.3.2.4 Record Type DMT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

37.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

37.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.3.3.2 Record Type DMT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DRT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

37.3.3.3 Record Type DMT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DRT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

37.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

37.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.4.2 Record Type DMO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

37.4.3 Record Type DMO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

37.4.4 Record Type DMO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

37.4.5 Record Type DMO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

37.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

37.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

37.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DLF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

37.5.1.2 Record Type DMF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

37.5.1.3 Record Type DMF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

37.5.1.4 Record Type DMF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

38 FTSE / JSE SPECIALIST PROPERTY INDICES

38.1 VALUATIONS DATA FILES

This file contains the index closing positions for the current trading day.

38.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DKV |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 02. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.1.2 Record Type DOV Sub Type 02 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|-----------------------------|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents | 46 | 15 | 60 |
| Capital index (ZAR) | 61 | 18 (10.8) | 78 |
| Total return index (ZAR) | 79 | 18 (10.8) | 96 |
| XD adjustment (today) | 97 | 13 (7.6) | 109 |
| XD adjustment (YTD) | 110 | 13 (7.6) | 122 |
| Market capitalisation (ZAR) | 123 | 16 (10.6) | 138 |
| Actual dividend yield | 139 | 7 (3.4) | 145 |

FIELD DESCRIPTIONS:

| | |
|-----------------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS | Number of lines of stock included in index calculation (including secondary lines), as at today's market close. |
| CAPITAL INDEX (ZAR) | Today's capital index value. |
| TOTAL RETURN INDEX (ZAR) | Today's total return index value. See Appendix A for definition and calculation method. |
| XD ADJUSTMENT (TODAY) | Today's ex dividend adjustment in Rands. |
| XD ADJUSTMENT (YTD) | Ex-dividend adjustment year to date (from 1 Jan to 31 Dec.). |
| MARKET CAPITALISATION (ZAR) | Market capitalisation in Rands millions at today's close (net, after free float and adjustment by one year-forecast dividend yield) |
| ACTUAL DIVIDEND YIELD | Actual dividend yield. |

$$\frac{\text{Annual div (in currency of price)}}{\text{Price}} = \text{Stock div}$$

$$\text{Div yield of index} = \frac{\sum (\text{shares} \times \text{investibility} \times \text{annual div})}{\sum (\text{shares} \times \text{investibility} \times \text{price})} \times 100$$

38.1.3 Record Type DOV Sub Type 02 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------------|-----------|----------|---------|
| Daily performance – Capital | 40 | 12 (T) | 51 |
| Daily performance – TRI | 52 | 12 (T) | 63 |
| Percentage weighting in this index | 64 | 12 (T) | 75 |
| Earnings yield | 76 | 13 (9.4) | 88 |
| Index Earnings Yield Sign | 89 | 1 (T) | 89 |

FIELD DESCRIPTIONS:

| | |
|------------------------------------|---|
| DAILY PERFORMANCE (CAPITALISATION) | Percentage change from previous day's capital index close. $= \left(\frac{\text{Today's index}}{\text{Yesterday's index}} - 1 \right) \times 100$ |
| DAILY PERFORMANCE (TRI) | Percentage changes from previous day's TR index close. $= \left(\frac{\text{Today's TRI}}{\text{Yesterday's TRI}} - 1 \right) \times 100$ |
| PERCENTAGE WEIGHTING IN THIS INDEX | Percentage weighting within Index |
| EARNINGS YIELD | The earnings per share for the past 12 months divided by the closing price |
| EARNINGS YIELD SIGN | The sign indicating whether the yield earnings value is negative or positive. It denotes "N" for a negative value and "P" for a positive value. |

NOTE: Indices with no constituents will not appear in the file.

38.2 CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

38.2.1 Leading Record Layout

This file contains the index constituents as at the end of the current day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKC. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.2.2 Record Type DOC Sub Type 01 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

38.2.3 Record Type DOC Sub Type 01 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

38.2.4 Record Type DOC Sub Type 01 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

38.2.5 Record Type DOC Sub Type 01 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

38.3 TRACKER DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

38.3.1 TRACKER 1 DATA FILES (INDEX LEVEL DATA)

This file contains changes / amendments i.e. it provides indices' related amendments at both index and index constituent levels. It consists of three sections:

These are the changes effective on the following trading day.

38.3.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated -e.g. DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 03. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.3.1.2 Record Type DOT Sub Type 03 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Index code | 40 | 6 (T) | 45 |
| Number of constituents (previous market cap) | 46 | 15 | 60 |
| Number of constituents (new market cap) | 61 | 15 | 75 |
| Previous market cap | 76 | 16 (10.6) | 91 |
| New market cap | 92 | 16 (10.6) | 107 |
| Previous divisor | 108 | 16 (10.6) | 123 |
| New divisor | 124 | 16 (10.6) | 139 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| INDEX CODE | Each index is identified by a unique code. |
| NUMBER OF CONSTITUENTS (PREVIOUS MARKET CAPITALISATION) | Number of constituents included in the index calculation (including secondary lines), as at market close. |
| NUMBER OF CONSTITUENTS (NEW MARKET CAPITALISATION) | Adjusted number of constituents included in the index calculation (including secondary lines), after effected changes. |
| PREVIOUS MARKET CAPITALISATION | Market capitalisation in Rand millions, at market close, after the 1 year forward DY adjustment. |
| NEW MARKET CAPITALISATION | Adjusted market capitalisation in Rand millions, at market open after effected changes and 1 year forward DY adjustment. |
| PREVIOUS DIVISOR | Index divisor as at market close. |
| NEW DIVISOR | Adjusted index divisor after effected changes. |

38.3.1.3 Record Type DOT Sub Type 03 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| XD adjustment value | 40 | 13 (10.3) | 52 |

FIELD DESCRIPTIONS:

XD ADJUSTMENT VALUE

Today's ex dividend adjustment in Rands.

38.3.2 TRACKER 2 DATA FILES - STOCK LEVEL DATA - WEIGHTING AMENDMENTS

38.3.2.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 04. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.3.2.2 Record Type DOT Sub Type 04 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

38.3.2.3 Record Type DOT Sub Type 04 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

38.3.2.4 Record Type DOT Sub Type 04 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40(T) | 148 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

38.3.3 TRACKER 3 - STOCK LEVEL DATA - EX-DIVIDEND CHANGES

38.3.3.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Board | 28 | 4 (T) | 31 |
| Market | 32 | 4 (T) | 35 |
| Exchange | 36 | 4 (T) | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code (This field will be blank for this record type) |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKT. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| BOARD | The board the Index is linked to. |
| MARKET | The market the Index is linked to. |
| EXCHANGE | The exchange the Index is linked to. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.3.3.2 Record Type DOT Sub Type 05/07 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| Current closing shares in issue | 123 | 15 | 137 |
| Current investibility weighting used in index calculation | 138 | 7 (T) | 144 |
| Secondary line | 145 | 1 (T) | 145 |

FIELD DESCRIPTIONS:

| | |
|---|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent. (e.g. J). |
| CURRENT CLOSING SHARES IN ISSUE | Shares in issue figure at index close. |
| CURRENT INVESTIBILITY WEIGHTING USED IN INDEX CALCULATION | Percentage of shares in issue included in index calculation (determined either by free float rule) |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |

NOTE: DRT sub type 05 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 07 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

38.3.3.3 Record Type DOT Sub Type 06/08 Sequence No. 01 - 99

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------|-----------|-----------|---------|
| Ex-dividend date | 40 | 10 (T) | 49 |
| Dividend amount | 50 | 16 (10.6) | 65 |
| ISO currency | 66 | 10 (T) | 75 |
| Index code | 76 | 6 (T) | 81 |
| XD adjustment value | 82 | 16 (10.6) | 97 |
| FTSE dividend code | 98 | 10 (T) | 107 |
| FTSE dividend notes | 108 | 40 (T) | 147 |

FIELD DESCRIPTIONS:

| | |
|--------------------------------|--|
| EX-DIVIDEND DATE | Date the security is XD. |
| DIVIDEND AMOUNT | Dividend amount in currency indicated. |
| ISO CURRENCY | Currency code for dividend payment. |
| INDEX CODE | Index code to which the constituent belongs. |
| XD ADJUSTMENT VALUE | Value for adjustment factor. |
| FTSE DIVIDEND CODE | FTSE codes for the types of dividend payments. (See Annexure A) |
| FTSE DIVIDEND CODE DESCRIPTION | Details, where available, on FTSE dividend payment. (See Annexure A) |

NOTE: DRT sub type 06 sequence 01 - 99 caters for changes to the constituents per index. Once these 99 record shares are used up, DRT sub type 08 sequence 01 - 99 provides for an additional 99 records to be populated should this be required.

38.4 OPENING CONSTITUENTS DATA FILES

N.B These record types will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

38.4.1 Leading Record Layout

This file contains the index constituents as at the start of the following JSE business day.

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKO. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 11. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.4.2 Record Type DOO Sub Type 11 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| ISIN number | 50 | 13 (T) | 62 |
| FILLER | 63 | 6 (T) | 68 |
| Constituent name | 69 | 50 (T) | 118 |

FIELD DESCRIPTIONS:

| | |
|------------------|---|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| ISIN NUMBER | International Securities Identification Number |
| FILLER | Spaces or Blanks. |
| CONSTITUENT NAME | Name of constituent. (Tradable instrument as provided by FTSE). |

38.4.3 Record Type DOO Sub Type 11 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|-----------|---------|
| Index marker | 40 | 6 x 12(T) | 111 |
| Country code | 112 | 2 (T) | 113 |
| Exchange code | 114 | 2 (T) | 115 |
| ISO code | 116 | 5 (T) | 120 |
| Filler | 121 | 4 (T) | 124 |
| Secondary line | 125 | 1 (T) | 125 |
| Price (Rand) | 126 | 16 (10.6) | 141 |
| Number of shares in issue | 142 | 15 | 156 |

FIELD DESCRIPTIONS:

| | |
|---------------------------|--|
| INDEX MARKER | Indices of which company is a constituent (i.e. J251 = FTSE / JSE Preference Share Index) |
| COUNTRY CODE | Country code for constituent (ZA) |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR) |
| FILLER | Spaces or Blanks. |
| SECONDARY LINE | Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares. |
| PRICE (RAND) | Closing price in Rands. |
| NUMBER OF SHARES IN ISSUE | Actual number of shares in issue (1% rule applied). |

38.4.4 Record Type DOO Sub Type 11 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|--|-----------|-----------|---------|
| Market capitalisation (gross) | 40 | 16 (10.6) | 55 |
| Investibility weighting factor | 56 | 16 (T) | 71 |
| Adjusted market cap (net) | 72 | 16 (10.6) | 87 |
| Percentage weighting within this index | 88 | 15 (T) | 102 |
| Percentage weighting within industry | 103 | 16 (T) | 118 |
| Percentage weighting within ICB sector | 119 | 16 (T) | 134 |

FIELD DESCRIPTIONS:

| | |
|--|--|
| MARKET CAPITALISATION (GROSS) | Market Capitalisation in Rands millions at index close (gross i.e. not adjusted for investibility weighting factor). |
| INVESTIBILITY WEIGHTING FACTOR | Percentage of shares in issue included in index calculation (determined by one – year forecast dividend yield). |
| ADJUSTED MARKET CAPITALISATION (NET) | Adjusted market capitalisation in Rands millions at index close (net i.e. investibility weighting factor multiplied by market capitalisation used in index calculation). |
| PERCENTAGE WEIGHTING WITHIN THIS INDEX | Percentage weighting within this Index. |
| PERCENTAGE WEIGHTING WITHIN INDUSTRY | Percentage weighting within FTSE/JSE All-Share ICB industry universe as defined in the Ground Rules. |
| PERCENTAGE WEIGHTING WITHIN ICB SECTOR | Percentage weighting within FTSE/JSE All-Share ICB Sector universe as defined in the Ground Rules. |

38.4.5 Record Type DOO Sub Type 11 Sequence No. 04

| FIELD NAME | START POS | LENGTH | END POS |
|---------------------------|-----------|--------|---------|
| Dividend yield Percentage | 40 | 15 (T) | 54 |

FIELD DESCRIPTIONS:

DIVIDEND YIELD Percentage

Percentage dividend yield per stock.

$$\left(\frac{\text{Annual div}}{\text{price}} \times 100 \right)$$

38.5 FIVE-DAY TRACKER DATA

This record type publishes known upcoming stock-level amendments over the next 5 business days which impact the constituent's weighting in the index.

N.B This record type will on an ad-hoc basis include dummy line instruments due to complex Corporate Actions, please refer to section 7 of this document for the full explanation of Dummy Lines.

38.5.1 STOCK LEVEL DATA - WEIGHTING AMENDMENTS

38.5.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index code | 1 | 6 (T) | 6 |
| Equity alpha code | 7 | 6 (T) | 12 |
| Record type | 13 | 3 (T) | 15 |
| Sub type | 16 | 2 (T) | 17 |
| Continuation sequence number | 18 | 2 | 19 |
| Run date | 20 | 8 | 27 |
| Filler | 28 | 12 | 39 |
| Data (layouts below) | 40 | 109 | 148 |

FIELD DESCRIPTIONS:

| | |
|-----------------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| EQUITY ALPHA CODE | Current JSE equity alpha code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g.: DKF. |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 14. |
| CONTINUATION SEQUENCE | The sequence number used to join together certain record types, where more than one record exists per record type. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| FILLER | Spaces or blank |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

38.5.1.2 Record Type DOF Sub Type 14 Sequence No. 01

| FIELD NAME | START POS | LENGTH | END POS |
|------------------|-----------|--------|---------|
| Constituent code | 40 | 10 (T) | 49 |
| Constituent name | 50 | 50 (T) | 99 |
| FILLER | 100 | 6 (T) | 105 |
| ISIN number | 106 | 13 (T) | 118 |
| Country code | 119 | 2 (T) | 120 |
| Exchange code | 121 | 2 (T) | 122 |
| ISO code | 123 | 5 (T) | 127 |

FIELD DESCRIPTIONS:

| | |
|------------------|--|
| CONSTITUENT CODE | Unique Constituent code derived by FTSE per stock. |
| CONSTITUENT NAME | Name of constituent (tradable instrument as provided by FTSE). |
| FILLER | Spaces or Blanks. |
| ISIN NUMBER | International Securities Identification Number |
| COUNTRY CODE | Country code for constituent (value) (ZA). |
| EXCHANGE CODE | Primary exchange code for constituent (e.g. J) |
| ISO CODE | ISO currency code for constituent (ZAR). |

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

38.5.1.3 Record Type DOF Sub Type 14 Sequence No. 02

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|------------|---------|
| Index Marker | 40 | 6 (T) x 12 | 111 |
| Filler | 112 | 4 (T) | 115 |
| Filler | 116 | 4 (T) | 119 |
| Closing price | 120 | 16 (10.6) | 135 |
| Price adjustment factor | 136 | 16 (10.6) | 151 |
| Adjusted price | 152 | 16 (10.6) | 167 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|---|
| INDEX MARKER | String of max 12 index codes to which this constituent/tradable instrument belongs. |
| FILLER | Spaces or Blanks. |
| FILLER | Spaces or Blanks. |
| CLOSING PRICE | Closing price at market close - in Rand. |
| PRICE ADJUSTMENT FACTOR | Price adjustment factor e.g. in the case of a corporate action related to a split or consolidation. |
| ADJUSTED PRICE | Share price in currency indicated, after price adjustment factor. |

38.5.1.4 Record Type DOF Sub Type 14 Sequence No. 03

| FIELD NAME | START POS | LENGTH | END POS |
|---|-----------|--------|---------|
| Closing shares in issue outstanding | 40 | 15 | 54 |
| New shares in issue outstanding | 55 | 15 | 69 |
| Closing investibility weighting used in index calculation | 70 | 16 (T) | 85 |
| New investibility weighting used in index calculation | 86 | 16 (T) | 101 |
| Secondary line | 102 | 1 (T) | 102 |
| FTSE amendment code | 103 | 6 (T) | 108 |
| FTSE amendment code notes | 109 | 40 (T) | 148 |
| Date Last Modified | 149 | 10 (T) | 158 |
| Effective Date | 159 | 10 (T) | 168 |

FIELD DESCRIPTIONS:

CLOSING SHARES IN ISSUE
OUTSTANDING

Shares in issue figure at index close.

NEW SHARES IN ISSUE
OUTSTANDING

New shares in issue figure.

CLOSING INVESTIBILITY
WEIGHTING USED IN INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of 1 year forward DY and free float).

NEW INVESTIBILITY WEIGHTING USED IN
INDEX CALCULATION

Percentage of shares in issue included in index calculation (determined by the product of free float and 1 year forward DY).

SECONDARY LINE

Indicates that two lines of stocks are used for this company - Y/N indicator e.g. ordinary and N shares.

FTSE AMENDMENT CODE

FTSE code for weighting and housekeeping amendments. (See Annexure A)

FTSE AMENDMENT CODE DESCRIPTION

Details, where available, on FTSE amendment code. (See Annexure A)

DATE LAST MODIFIED

The date on which the amendment was last changed. When an amendment does not have any changes, the previously published date is resent. DD/MM/YYYY

EFFECTIVE DATE

The date on which the amendment will be applied to the constituent. DD/MM/YYYY

Note: This sequence will be created with continuation numbers in multiples of three (3), to reflect multiple corporate actions per instrument. If one instrument has two corporate actions, then the first corporate action details will appear between continuation number 01 and 03, the details of the second corporate action for the same instrument will appear between continuation numbers 04 and 06.

39 FTSE INTERNATIONAL CURRENCY EXCHANGE RATES

39.1 CURRENCY EXCHANGE RATES DATA FILE

This file contains the international currency exchange rates used by FTSE for calculation of market capitalisation, Index value and TRI in multiple currencies. This is used by FTSE to generate the international valuations files (DNV, D1V, D2V, D3V and D4V) and is intended to make public the exchange rate that they used in these calculations. This is not intended to be an authoritative indication of international exchange rates as traded on any particular foreign exchange market.

39.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Base currency ISO code | 1 | 3 (T) | 3 |
| Empty padding | 4 | 7 (T) | 10 |
| Record type | 11 | 3 (T) | 13 |
| Sub type | 14 | 2 | 15 |
| Continuation sequence number | 16 | 2 | 17 |
| Run date | 18 | 8 | 25 |
| Empty padding | 26 | 14 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

| | |
|------------------------|--|
| BASE CURRENCY ISO CODE | The currency which is the base currency for all currency exchange rates in the record (this is always "USD" for United States \$). |
| EMPTY PADDING | Spaces or blank. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. DXR |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to indicate row number in the results. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

39.1.2 Record Type DXR Sub Type 01

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------|-----------|-----------|---------|
| Empty padding | 40 | 1 (T) | 40 |
| Currency ISO Code | 41 | 3 (T) | 43 |
| Exchange rate | 44 | 16 (10.6) | 59 |
| Empty padding | 60 | 1 (T) | 60 |
| Currency ISO Code | 61 | 3 (T) | 63 |
| Exchange rate | 64 | 16 (10.6) | 79 |
| Empty padding | 80 | 1 (T) | 80 |
| Currency ISO Code | 81 | 3 (T) | 83 |
| Exchange rate | 84 | 16 (10.6) | 99 |
| Empty padding | 100 | 1 (T) | 100 |
| Currency ISO Code | 101 | 3 (T) | 103 |
| Exchange rate | 104 | 16 (10.6) | 119 |
| Empty padding | 120 | 1 (T) | 120 |
| Currency ISO Code | 121 | 3 (T) | 123 |
| Exchange rate | 124 | 16 (10.6) | 139 |
| Empty padding | 140 | 1 (T) | 140 |
| Currency ISO Code | 141 | 3 (T) | 143 |
| Exchange rate | 144 | 16 (10.6) | 159 |

FIELD DESCRIPTIONS:

EMPTY PADDING

Blank or space.

CURRENCY ISO CODE

The ISO currency code of the currency to which the given exchange rate applies. The three letter currency codes are in accordance with the [ISO 4217 standard](#) (click for details). The exception is that some codes are added to represent 1/100 denominations (cents, pence and so on) as a distinct code that isn't recognised by ISO. These are:

| | |
|-----|--|
| GBX | 1/100 GBP (British Pennies) |
| ILX | 1/100 ILS (Israeli Agorot) |
| USC | 1/100 USD (United States Cents) |
| PNC | a non-existent currency (equals 1 GBX) |

EXCHANGE RATE

The factor to multiply 1 USD by in order to have an equivalent amount in the named currency in the preceding field.

40 INDICES AND INSTRUMENTS INTRADAY SNAPSHOT

40.1 SL 01

| FIELD NAME | START POS | LENGTH | END POS |
|-------------------------|-----------|---------|---------|
| Instrument Type | 40 | 1 | 40 |
| Instrument numeric code | 41 | 7 | 47 |
| Instrument ISIN | 48 | 12 | 59 |
| Instrument Short Name | 60 | 30 | 89 |
| Last Trade Price | 90 | 9 | 98 |
| Last Traded Date | 99 | 8 | 106 |
| Last Traded Time | 107 | 6 | 112 |
| Traded Indicator | 113 | 1 | 113 |
| Daily Move | 114 | 9 (7.2) | 122 |
| DailyMoveSign | 123 | 1 | 123 |

FIELD DESCRIPTIONS:

| | |
|-------------------------|--|
| INSTRUMENT TYP | Equity instruments will be “E” for Equities and “O” for Other listed instruments(warrants, ETFs, ETNs, etc) |
| INSTRUMENT NUMERIC CODE | All instruments traded on the market are identified by a unique numeric code |
| INSTRUMENT ISIN | The ISIN (International Securities Identification Number) uniquely identifies all Active and Suspended securities internationally. |
| INSTRUMENT SHORT NAME | The abbreviated version of the instrument name. |
| LAST TRADED PRICE | The highest trade price for the day until the time the snapshot was taken. |
| LAST TRADED DATE | The date of the last trade. |
| LAST TRADED TIME | The time of the last trade. |
| TRADED INDICATOR | “Y” if the instrument traded on the day and “N” if it didn’t. |
| DAILY MOVE | The daily move. |

40.2 SL 02

| DESCRIPTION | START POS | LENGTH | END POS |
|-------------------------------|-----------|-----------|---------|
| Index Alpha Code | 40 | 6 (T) | 45 |
| Index Code | 46 | 6 (T) | 51 |
| Index Name | 52 | 40(T) | 91 |
| Index Value | 92 | 18 (10.8) | 109 |
| CIDailyMove | 110 | 9 (7.2) | 118 |
| CIDailyMoveSign | 119 | 1 | 119 |
| Total Return Index Value(TRI) | 120 | 18 (10.8) | 137 |
| TRIDailyMove | 138 | 9 (7.2) | 146 |
| TRIDailyMoveSign | 147 | 1 | 147 |
| Last Traded Date | 148 | 8 | 155 |
| Last Traded Time | 156 | 6 | 161 |
| Traded Indicator | 162 | 1 | 162 |

FIELD DESCRIPTIONS:

| | |
|-------------------------------|---|
| INDEX CODE | The alpha code of the Index. |
| INDEX NAME | The index name |
| INDEX VALUE | The value of the index as at snapshot time |
| CIDAILYMOVE | Delta value between the open and closing price value of the specific equity on the specific trading day |
| TOTAL RETURN INDEX VALUE(TRI) | The total return index value of the index |
| TRIDAILYMOVE | Delta value between the open and closing TRI value of the specific equity on the specific trading day |
| LAST TRADED DATE | The date of the last trade. |
| LAST TRADED TIME | The time of the last trade. Will be null if the index had no activity on the current day. |
| TRADED INDICATOR | "Y" if the index traded on the day and "N" if it didn't. |

41 FTSE/JSE TOP 40 NET RISK TARGET TOTAL RETURN INDEX

The FTSE/JSE Top 40 Risk Target Return Index Series is based upon a rules-based framework that tracks the return of an investment strategy which aims to provide an investor with risk targeted exposures to the FTSE/JSE Top 40 Index. The Risk Target Indices make use of the empirical properties of the risk statistic and aim to provide an equity investor access to three different levels of risk exposure for the FTSE/JSE Top 40 Index: 10%, 15% and 20% respectively.

41.1.1 Leading Record Layout

| FIELD NAME | START POS | LENGTH | END POS |
|------------------------------|-----------|--------|---------|
| Index Code | 1 | 6 (T) | 6 |
| Record type | 7 | 3 (T) | 9 |
| Sub type | 10 | 2 | 11 |
| Continuation sequence number | 12 | 2 | 13 |
| Run date | 14 | 8 | 21 |
| Empty padding | 22 | 18 | 39 |
| Data (layouts below) | 40 | Varies | Varies |

FIELD DESCRIPTIONS:

Z

| | |
|-----------------------|---|
| INDEX CODE | Each index is identified by a unique code. |
| RECORD TYPE | The code indicating the type of information contained in the record disseminated - e.g. RTI |
| SUB TYPE | The Sub Type related to a particular record type - e.g. Sub Type 01. |
| CONTINUATION SEQUENCE | The sequence number used to indicate row number in the results. |
| RUN DATE | DISSEMINATION DATE - The date of the dissemination run, in the format CCYYMMDD. |
| DATA (LAYOUTS BELOW) | The relevant record type(s) requested by the user will be given. |

41.1.2 Record Type RTI Sub Type 01

| FIELD NAME | START POS | LENGTH | END POS |
|-------------|-----------|-----------|---------|
| Index Code | 40 | 6 (T) | 45 |
| Index Name | 46 | 60 (T) | 105 |
| Index Value | 106 | 18 (10.8) | 123 |

FIELD DESCRIPTIONS:

| | |
|-------------|--|
| INDEX CODE | Each index is identified by a unique code. |
| INDEX NAME | The Index name. |
| INDEX VALUE | Today's Index Value. |

42 Annexure A

• FTSE/JSE Africa Series Dividend Codes

| Code | Type of Dividend | FTSE Dividend Notes |
|------|------------------------|---------------------|
| F | Final Dividend | |
| I | Interim Dividend | |
| Q | Quarter Dividend | |
| S | Special Dividend | |
| M | Miscellaneous dividend | |
| Y | Annually paid dividend | |

• FTSE/JSE Africa Series Amendment Codes

Housekeeping Changes

| Code | Amendment Note | Notes for service user |
|------|----------------------|--|
| NC | Name Change | Former name will appear in notes field. |
| CU | Currency Change | |
| CA | Constituent Addition | Includes quarterly review changes and classification changes |
| CD | Constituent Deletion | Includes quarterly review changes and classification changes |
| SS | Sub-Sector Change | Sub-Sector Classification code change |

Corporate Actions

| Code | Amendment Note | Notes for service user |
|------|-----------------------------|---|
| CP | Capital Repayment | Terms included in notes field. as available |
| CI | Capitalisation Issue | Terms included in notes field. as available |
| CN | Consolidation | Terms included in notes field. as available |
| IS | Issue of Shares | Includes: Employee Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan |
| CX | Complex Issue | Details of complex issue |
| RI | Rights Issue | Terms included in notes field. as available |
| SB | Subdivision | Terms included in notes field. as available |
| IC | Investability weight change | |
| SW | Weighting Change | Used in those indices that have a separate free float / investability weighting and a "portfolio factor" column. This portfolio factor will change from index to index (e.g. equal weighting factor, RAFI factor etc). It indicates that there is a change to this index-specific weighting factor. |

42.1 CALCULATION OF THE TOTAL RETURN INDICES (TRI'S)

The Total Return Indices (TRI's) measure total return on the underlying indices, combining both capital performance and reinvested income. The TRI's are calculated using declared dividends except where specified that the TRI is calculated on a net basis.

Although in reality there is a timing delay between the xd date and the receipt of dividends (payment date), it is considered preferable to assume all income is reinvested on the xd date rather than incur the complications of allowing a time lag before (i) reinvestment of the net dividends, and (ii) different and uncertain time lag before reinvestment of any tax reclaimed.

42.2 INTERNATIONAL PRODUCT COUNTRY CODE TRANSLATION

The fields in the **International products** which indicate a country code are translated from the original value sent by FTSE. The output value is compliant with the ISO standard 3166-1 (Alpha 2) defining two-letter country codes (for more details, visit this [definition](#)).

| FTSE Country Code | Country Name | ISO 3166-1 (ALPHA 2) Code |
|--------------------------|------------------------------------|----------------------------------|
| AU | Australia | AU |
| BELG | Belgium | BE |
| CAN | Canada | CA |
| DEN | Denmark | DK |
| FIN | Finland | FI |
| FRA | France | FR |
| GER | Germany | DE |
| GRC | Greece | GR |
| HK | Hong Kong | HK |
| IRE | Ireland | IE |
| ISR | Israel | IL |
| ITA | Italy | IT |
| JA | Japan | JP |
| KOR | Republic of Korea (South Korea) | KR |
| NETH | Holland | NL |
| NOR | Norway | NO |
| NZ | New Zealand | NZ |
| OEST | Austria | AT |
| PTL | Portugal | PT |
| SI | Singapore | SG |
| SP | Spain | ES |
| SWED | Sweden | SE |
| SWIT | Switzerland | CH |
| UK | Great Britain and Northern Ireland | GB |
| USA | United States of America | US |