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BDA CLIENT DATA UPLOAD SPECIFICATION

JSE Limited Reg No: 2005/022939/06 Member of the World Federation of Exchanges

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1 INTRODUCTION

Members are currently able to upload data to BDA via FTP files, but this service is limited to certain transactional and reference data, namely financial transactions, deal allocations and credit limits. The JSE is in the process of automating the current upload process via FTP and increasing the current service offering. The automation and new service offering is aimed to improve operational efficiencies with-in a members back office.

A number of members have internal systems where client data is maintained. Once the data has been loaded into members own internal systems, the data must be captured into BDA. The same applies to client banking details. The intention is to automate the process of creating new client accounts and of updating client banking details in BDA.

2 OBJECTIVE

The objective of this document is to provide the members with the detail of the new Client Account Upload Card Codes.

3 SCOPE

The scope of this document is to provide the members with the details i.e. all the various data elements that will be included in the new Client Account Card Code. Out of scope of this document is the automation of the FTP process and any other data uploads that may be developed.

4 VERSION CONTROL

| Version | Updated By | Date | Reason for changes |
|---------|------------------|------------------|--|
| 0.8 | Barbara Teasdale | 1 August 2014 | Amendments to e-mail address loadings, field lengths on the |
| | | | Trailer and Card Codes 34 and 35, CSDP account on Card Code |
| | | | 32 and new account loaded return file. |
| 0.9 | Barbara Teasdale | 3 December 2014 | Client BIC and CSDP telephone Number on Card Code 032 |
| | | | changed to optional. |
| 0.10 | Barbara Teasdale | 8 January 2015 | Amalgamation of original spec and the Tax and Legislative |
| | | | Compliance Enhancements |
| 0.11 | Barbara Teasdale | 16 August 2016 | Change to the number of e-mail addresses permitted from |
| | | | 999 to 10. |
| 0.12 | Barbara Teasdale | 15 December 2016 | Addition of details on the Response file and the increase in |

| | | | the number of e-mails from 10 to 100 | |
|------|------------------|-----------------|--|--|
| 0.13 | Barbara Teasdale | 8 February 2016 | Correction of the use of the Y/N values for the IT3(b) and | |
| | | | IT3(c) Exclusion fields on Card Code 38, Inclusion of the | |
| | | | Communication by Issuer field, the Undocumented Reason | |
| | | | Code field and the General Compliance Reason Code field on | |
| | | | Card Code 38 | |

5 COPYRIGHT

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6 ACCOUNT UPLOAD CARD CODES

As part of the enabler for T+3 and also in an effort to improve operational efficiencies with-in members back offices, the JSE will develop a new upload facility that will allow the members to automate the loading of new clients and also allow members to update existing client information.

This new upload facility will not cater for members to de-activate an existing client. Where members want to de-activate a client, they will have to do this directly on the BDA online system.

Each participating Broker will be allocated two files, one for EOD Batch processing and the other for Intra-day processing. The data must be placed in the applicable file in order to be processed.

The following basic processing rules apply when capturing an upload:

- 1) If UPL-TYP = "N' then Card-Code 31 or 39 is mandatory
- 2) If UPL-TYP = 'U' then any card code is acceptable
- 3) If an intraday upload file is received between 6am and 18h45pm then client details on CLMNT will be updated immediately
- 4) If a batch file is received, client details will be updated in the overnight batch run and members will be able to view these records on CLMNT the following day
- 5) Client details on CLMNT will only be updated once each record has passed all its validation rules for all the fields
- 6) Online file limit = 1000 records per file i.e. users will only be able to submit a file containing 1000 new client accounts

Failure to comply with the stated basic rules will result in the record not being updated and an error message being written to COMPR (online enquiry) and PCOMPR report and passed back on the line [that generated the error] in the response file i.e. the line that failed will have the error reason appended to it.

The tables and card codes contain the Field Names, Field Descriptions, data types, data lengths, validations and validation logic that will be used to upload data for either a controlled or non-controlled account. The Client's banking details may also be uploaded.

BDA Client Data Uploads

6.1 Automated submission of Upload

A Member is required to FTP the upload dataset to the JSE. On completion of the FTP upload, a batch job will automatically be submitted (via CONTROL-O) to process the uploaded records. There is no requirement for users to schedule the processing of the upload file via RPROC.

The dataset to be uploaded will have the following format:

BBAP.SPRD.UPLOAD.XXX.RCLMNT or BBAP.SPRD.UPLOAD.XXX.BCLMNT, the 'XXX' depicting the relevant 2 or 3 character broker alpha code. **R** in the dataset name depicts realtime upload and **B** depicts batch upload.

- The user performing the upload requires FTP access i.e. a FTP username and password. If the member already has a FTP sign on, the same FTP sign-on can be used.
- The user will need to request access to the new upload dataset to enable them to make use of the automated submission.
- The member may also request an additional FTP sign-ons if required.

6.1.1 E-mail Address Set up

Members will need to capture relevant email addresses to which the responses are to be mailed for the UPLOAD. This would be done via the function T.EML against the process type of BCLMNT.

A maximum of 100 e-mail addresses can be set up.

Each new e-mail address would require a new sequence number (i.e. SEQ of 001, the suffix of BCLMNT, displayed below).

| OPTN: T.EML | BCS/A: | GENERAL | TABLE | E MAI | NTENANCE | | 9JAN13 | 11:09:29 |
|-------------------|---------|----------|-------|-------|--------------|----|--------|----------|
| ACTN: | | | | | | | AAA | A99 |
| TABLE: E-MAIL ADD | RESS | | 2 | START | BROWSING FRO | M: | | |
| | | | - | INCL | DEACTIVATED | : | N | |
| F BRK PROCS /SEQ | DESCRI | PTION | | | | | | |
| _ 01 BCLMNTUP001 | XXXX2@C | OMPANY_E | MAIL1 | .co.z | A | | | |
| _ 01 BCLMNTUP002 | XXXX2@C | OMPANY_E | MAIL2 | .co.z | A | | | |
| | | | | | | | | |

6.1.2 Error Reporting on COMPR and PCOMPR

A member will be notified via the captured e-mail address whether the job has been successfully processed. If not successful, the reasons per line can be found on COMPR or on the report PCOMPR with error format code of CLMT.

| OPTN: COMPR | BCS/A: COMMON | ERROR ENQUIRY | 16NOV12 | 13:18:07 | | | | | | |
|--------------------------|--|--------------------|---------|-----------|--|--|--|--|--|--|
| ACTN: | | | AAA | A81 | | | | | | |
| ERROR FORMAT CODE: CLMT | ERROR | PROCESS DATE: 2012 | 0102 | | | | | | | |
| FTP Client information v | FTP Client information upload errors - real time | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| PF1 HELP PF2 RETURN PE | 4 MENU PF5 T | ABLES PF7/8 PAGE | PF11> | PF12 QUIT | | | | | | |

6.1.3 Response Dataset

In addition to the COMPR notifications, a response dataset will be created with the same dataset name as the upload file with the SEQUENCE number (as passed on the header record) appended to the end of the original file name.

Example:

BBAP.SPRD.UPLOAD.XXX.CLMNT.SYYYYYYY The 'XXX' depicting the relevant 2 or 3 character broker alpha code The 'SYYYYYYY' depicting the sequence number as passed on the header record, prefixed with S. See below for the record layout

It is recommended that sequence numbers are not reused. No verification is made on sequence numbers with respect to missing sequences. This is solely used to match an upload file to its respective response file. Should a sequence number be repeated by a member in that day then the response file will have the same sequence number in it. The broker will only be able upload a new file once the previous file has been processed, regardless of the sequence number.

BDA Client Data Uploads

Response File Record Layout

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|------------------------|--------|-------|---|
| CARD CODE | 9(3) | 999 | |
| BRK-CDE | 9(3) | | Broker Numeric Code |
| DATE | 9(8) | | Process Date |
| TIME | 9(6) | | Process Time |
| TOTAL RECORDS | 9(9) | | Total Number of Records excluding Header and Trailer Records |
| RECORDS PROCESSED | 9(9) | | Total Number of Successfully Processed Records |
| RECORDS REJECTED | 9(9) | | Total Number of Rejected Records |
| FILLER | X(653) | | Spaces |
| COUNT OF MSGS FOR LINE | 9(3) | | Count of number of messages in this line, if multiple errors the line will be repeated for each error |
| ERROR MESSAGE | X(50) | | Error message code |
| | | | |

TOTAL LENGTH

700

| Field Name | Data Type and length |
|------------------------|----------------------|
| CARD-CDE | 9(3) |
| BRK-CDE | 9(3) |
| DATE | 9(8) |
| TIME | 9(6) |
| TOTAL RECORDS | 9(9) |
| RECORDS PROCESSED | 9(9) |
| RECORDS REJECTED | 9(9) |
| FILLER | X(653) |
| COUNT OF MSGS FOR LINE | 9(3) |
| ERROR MESSAGE | X(50) |

A list of all possible errors that will result in the entire file being rejected is shown below.

'RECORD RECEIVED AFTER TRAILER' 'DUPLICATE TRAILER RECEIVED' 'BRK CDE NOT SAME AS HDR' 'TRAILER REC TOTAL NOT SAME AS RECS SENT' 'TRAILER NOT RECEIVED'

Error Descriptions

Where uploaded records contain fields which do not pass validation the reply file will contain the rejected record exactly as it was uploaded and the error description will be appended to the end of the row. If there are multiple fields in the record which fail validation the reply file will replicate the uploaded record for each rejection and append the error description for each field which failed validation.

The example below reflects samples of what was appended to the uploaded records in the reply file.

The uploaded file contained two records which failed validation, the first record had one error and the second had two errors. The number prefixing the error code indicates the number of errors contained in the specific record:

001INVALID ACC ID CODE 002WARNING: ACCOUNT TYPE REQUIRED 002INVALID PRINCIPLE/AGENCY INDICATOR

In another example a single record contained nine fields which failed validation. The uploaded record will be replicated nine times and each error would be appended to each of the nine lines:

009WARNING: ADDRESS LINE 1 REQUIRED 009ADDR LINE2 MANDATORY

BDA Client Data Uploads

009ADDR LINE3 MANDATORY 009POST CODE MANDATORY IF RESIDENT 009SEX MANDATORY IF TITLE POPULATED 009WARNING: PRINCIPLE/AGENCY INDICATOR REQUIRED 009WARNING: MANDATE RECEIVED DATE REQUIRED 009WARNING: REGISTRATION CODE REQUIRED 009WARNING: SCRIP DISPOSAL CODE REQUIRED

6.1.4 New Account Data Set

A new account dataset will also be created with the same dataset name as the upload file, but with the SEQUENCE number and new account code appended to the end of the original file name.

Example:

BBAP.SPRD.UPLOAD.XXX.CLMNT.SYYYYYYY.NEWACNT The 'XXX' depicting the relevant 2 or 3 character broker alpha code The 'SYYYYYYY' depicting the sequence number as passed on the header record, prefixed with S. The 'NEWACNT' will depict the new account code.

This dataset will include the following account fields:

New Account Number, Branch Code, Partner Code, Title, Clients Initials, Clients First Names, Clients Surname Or Company Name, Address, Postal Code, SEX, Language Code, Institution Code, ID Number, Trading Capacity Indicator, Contra Option Code, Managed Code, Settlement Type Code, Registration Instruction Code, Scrip Disposal Code, Negotiated Brokerage Scale Code, Election Indicator, E-Mail Address, Income Tax Number

6.1.5 Archiving

Each file uploaded will be archived onto the daily upload file backup.

The response file will also be archived onto a daily response upload file backup. The length of archive is still to be determined.

BDA Client Data Uploads

6.2 Account Details

6.2.1 Header Record - Card Code 000

30

The first record on the file to be uploaded is the header record. All numeric fields must be filled with numbers. If there is no value they must be zero filled and not left empty.

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------|-------|---------------------------------------|
| CARD CODE | 9(3) | 000 | |
| BRK-CDE | 9(3) | | Broker Numeric Code |
| DATE | 9(8) | | Upload Date |
| TIME | 9(6) | | Upload Time |
| PREFIX | X(1) | "S" | Hard Coded Prefix for Sequence Number |
| SEQ-NO | X(7) | | Sequence Number |
| FILLER | X(2) | | Spaces |
| | | | |

TOTAL LENGTH

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|------------|------------------------|------------|------------|-----------|--------|------------------------|--------------------------------|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| CARD CODE | Card Code Number | М | М | NUMERIC | 9(3) | 000 | 0 |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Validate against BROKM | Must be a valid, active Broker |
| DATE | Upload Date | М | М | NUMERIC | 9(8) | CCYYMMDD | |
| TIME | Upload Time | М | М | NUMERIC | 9(6) | HHMMSS | |
| PREFIX | Sequence Number Prefix | М | М | CHARACTER | X(1) | "S" | Hard Coded |
| SEQ-NO | Sequence Number | М | М | CHARACTER | X(7) | | |
| FILLER | Filler | М | М | CHARACTER | X(2) | Spaces | |

6.2.2 Trailer Record - Card Code 999

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|-------------------|--------|-------|--|
| CARD CODE | 9(3) | 999 | |
| BRK-CDE | 9(3) | | Broker Numeric Code |
| DATE | 9(8) | | Process Date |
| TIME | 9(6) | | Process Time |
| TOTAL RECORDS | 9(9) | | Total Number of Records excluding Header and Trailer Records |
| RECORDS PROCESSED | 9(9) | | Total Number of Successfully Processed Records |
| RECORDS REJECTED | 9(9) | | Total Number of Rejected Records |
| FILLER | X(3) | | Spaces |
| | | | |
| TOTAL LENGTH | 50 | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|-------------------|---|------------|------------|-----------|--------|---|---|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| CARD CODE | Card Code Number | М | М | NUMERIC | 9(3) | 999 | 999 |
| BRK-CDE | Broker Code | М | М | CHARACTER | X(3) | Validate against BROKM | Must be a valid, active Broker |
| DATE | Process Date | М | М | CHARACTER | 9(8) | CCYYMMDD | |
| TIME | Process Time | М | М | NUMERIC | 9(6) | HHMMSS | |
| TOTAL RECORDS | Total number of records(excluding any header and trailer records) | M | M | NUMERIC | 9(9) | Total number of records(excluding any header and trailer records) | Must be filled to ensure all the records received. Total number of records(excluding any header and trailer records) Ensure the total number of records tie back to the total number passed in file. |
| RECORDS PROCESSED | Total number of successfully processed records | Μ | Μ | NUMERIC | 9(9) | Total number of successfully processed records | Number of successfully processed records (including sub headers, all records between the header and trailer records) |

| F | ECORDS REJECTED | Total number of rejected | М | м | NUMERIC | 9(9) | Total number of rejected | Number of rejected records (including sub |
|---|-----------------|--------------------------|---|---|-----------|------|--------------------------|---|
| | | records | | | | | records | headers, all records between the header and |
| | | | | | | | | trailer records) |
| F | ILLER | Filler | М | М | CHARACTER | X(3) | Spaces | |

6.2.3 Mandatory, Conditionally Optional and Frequently Used Optional fields - Card Code 031

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------|-------|-----------------------------------|
| CARD-CDE | 9(3) | 031 | Card code 031 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code – 'C' type only |
| ACC-TYP-CDE | X(2) | | Account type code |
| ACC-ID-CDE | X(3) | | Account ID code |
| BRN-CDE | X(2) | | Branch code |
| PARTNER-CDE | X(2) | | Partner code |
| CLI-TITLE | X(10) | | Clients title |
| INITIALS | X(4) | | Clients initials |
| FIRST-NAMES | X(40) | | Clients first names |
| SURNAME | X(40) | | Clients surname or Company name |
| ADR-LINE-1 | X(40) | | Address line 1 |
| ADR-LINE-2 | X(40) | | Address line 2 |
| ADR-LINE-3 | X(40) | | Address line 3 |
| ADR-LINE-4 | X(40) | | Address line 4 |
| POSTAL-CDE | X(4) | | Postal code |
| SEX | X(1) | | Male, Female or Both |
| LANG-CDE | X(1) | | Language code |
| INSTIT-CDE | X(3) | | Institution code |
| STAFF-IND | X(1) | | Staff Indicator |
| INC-BAL | X(1) | | Income Balance Indicator (Y/N) |
| CTA-OPTN-CDE | X(1) | | Contra Option Code |
| MAN-CDE | X(3) | | Managed code |
| SET-TYP-CDE | X(1) | | Settlement type code |

| NON-RES-IND | X(1) | Non-resident indicator |
|--------------------|--------|--|
| EXCH-CTL | X(1) | Exchange control code |
| COUNTRY-CDE | X(3) | Country of residence code |
| PRIN-AG-IND | X(1) | Trading capacity indicator |
| ELECTION-IND | X(1) | Election indicator |
| ELEC-RPT-IND | X(1) | Electronic report indicator |
| TAX-NO | X(12) | Income tax number |
| VAT-NO | X(13) | Vat Number |
| EMAIL-ADDR | X(55) | E-mail address |
| MANDATE-MOD | X(1) | Mandate modification indicator |
| MAND-CHG-DTE | 9(8) | Mandate changed date |
| MAND-RCV-DTE | 9(8) | Mandates received date |
| SHORT-NAME | X(20) | Shortened account name |
| REG-INS-CDE | 9(2) | Registration instruction code |
| SCR-DISP-CDE | X(2) | Scrip disposal code |
| NEG-SCALE | X(3) | Negotiated brokerage scale code |
| EXTNL-ACC-IND | X(1) | External account indicator |
| EXTNL-ACC-CDE | X(17) | External account code |
| EL-PAY-MAN-DTE | 9(8) | Electronic payment mandate date |
| BEE-IND | X(1) | Y(yes) or space |
| EXP-DTE | 9(8) | BEE expiry date |
| POSTAL ADD-C/O-IND | X(1) | Postal Address 'Care of' Address indicator (Y/N) |
| C/O NAME | X(30) | Postal Address C/O Name |
| FREE TEXT | X(64) | Free Text field for Internal Reference |
| FILLER | X(145) | Spaces |
| | 700 | |

TOTAL LENGTH

700

BDA Client Data Uploads

| Field Name | Field Description | CTL | NCTL | Data Type | Data Length | Data Validation | Logic Validation |
|-------------|---------------------------------------|------------|------------|-----------|-------------|---|---|
| | | (M/O/CO/S) | (M/O/CO/S) | | | | |
| CARD-CDE | Card Code number | М | М | NUMERIC | 9(3) | 031 | |
| BRK-CDE | Broker Code | M | М | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | M | M | CHARACTER | X(1) | N = NEW , U = UPDATE | If Upload Type= N, load a new account. If Upload Type = U, then update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| ACC-TYP-CDE | Account Type Code | M | М | CHARACTER | X(2) | Against Table T.ACT | |
| ACC-ID-CDE | Account ID Code | со | со | CHARACTER | X(3) | Against Table T.AID | Mandatory if Account Type = 'S' |
| BRN-CDE | Branch Code | 0 | 0 | CHARACTER | X(2) | Reference must be made to table T.BRN on BDA for valid values; table is maintained by the JSE. | |
| PARTNER-CDE | Partner Code | 0 | 0 | CHARACTER | X(2) | Reference must be made to table T.PAR on BDA for valid values. Table is maintained by the client. | |
| CLI-TITLE | Title e.g. Mr., Mrs. | M | 0 | CHARACTER | X(10) | Reference must be made to table T.TIT on BDA. Table is maintained by JSE. | Has to be populated if the account is an individual's account and if the INSTIT-CDE is not populated. |
| INITIALS | Initials of client | 0 | 0 | CHARACTER | X(4) | | |
| FIRST-NAMES | First names of client | M | M | | X(40) | | Has to be populated if the account is an individual's account and if the INSTIT-CDE is not populated. |
| SURNAME | Surname of client, Name of Company | М | M | CHARACTER | X(40) | | |
| ADR-LINE-1 | Address Line 1 | М | М | CHARACTER | X(40) | | |
| ADR-LINE-2 | Address Line 2 | 0 | 0 | CHARACTER | X(40) | | |

| Field Name | Field Description | CTL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|--------------|---|-------------------|--------------------|-----------|-------------|--|---|
| ADR-LINE-3 | Address Line 3 | 0 | 0 | CHARACTER | X(40) | | |
| ADR-LINE-4 | Address Line 4 | 0 | 0 | CHARACTER | X(40) | | |
| POSTAL-CDE | Postal Code | СО | со | NUMERIC | 9(4) | | Mandatory if Non-Resident flag is Blank or No |
| SEX | SEX e.g. M= Male, F= Female or B = Both | СО | со | CHARACTER | X(1) | Instances are validated against the T.TIT table e.g. If Title is Mrs SEX must be Female. If Title is Dr. SEX is not validated | Mandatory if the Title field is filled in. 'Both' is used if Title is, for instance, Dr & Mrs |
| LANG-CDE | Language Code e.g. English, Afrikaans | M | М | CHARACTER | X(1) | Values must either be E = English or A=Afrikaans | |
| INSTIT-CDE | Institution Code | СО | со | CHARACTER | X(3) | Reference must be made to table T.INS on BDA for valid values. Table is maintained by the JSE. | If the TITLE field is not populated then it is mandatory that the INSTIT-CDE field is populated. |
| STAFF-IND | Staff Indicator | 0 | 0 | CHARACTER | X(1) | Against table T. STF | |
| INC-BAL | Income Balance | 0 | 0 | CHARACTER | X(1) | Valid values are Y, N or the field can be left blank. | |
| CTA-OPTN-CDE | Contra Option Code | 0 | 0 | CHARACTER | X(1) | Reference must be made table T.CTA. Table is maintained by the JSE. | |
| MAN-CDE | Managed Code e.g. MCS , DCS | М | 0 | CHARACTER | X(3) | Reference must be made to table T.MAN for valid values. Table is maintained by the JSE. | Determines the way the clients account is managed, refer to table T.MAN for details. |
| SET-TYP-CDE | Settlement Type Code e.g. C,D | M | M | CHARACTER | X(1) | Reference must be made to table T.SET for valid values. Table is maintained by the JSE. | C= Controlled Account, D = NON- Controlled Account. IF SET-TYP-CDE = D then is mandatory to populate the CSDP details. |
| NON-RES-IND | Non Resident Indicator - Indicates whether a client is a non-resident client. | СО | СО | CHARACTER | X(1) | Valid values are Y , N or the field can be left blank, which indicates N. | If NON-RES-IND = Y, the EXCH-CTL and COUNTRY-CDE fields must be populated. |
| EXCH-CTL | Exchange Control | со | со | CHARACTER | X(1) | Reference must be made to table T.XCT on BDA for valid values. Table is maintained by the JSE. | Mandatory if NON-RES-IND = Y |

| Field Name | Field Description | СТL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|--------------|---|-------------------|--------------------|-----------|-------------|---|---|
| COUNTRY-CDE | Country Code | СО | со | CHARACTER | X(3) | Reference must be made to table T.CNT for valid values. Table is maintained by the JSE. | Mandatory if NON-RES-IND = Y |
| PRIN-AG-IND | Principal/Agent Indicator - Indicates whether the clients trade as principal or agent. Principal - Trades for own account, Agent - Broker trades on behalf of client. | Μ | M | CHARACTER | X(1) | Reference must be to table T.PAI on BDA for valid values. Table is maintained by the JSE. | |
| ELECTION-IND | Election Indicator - Indicates the default option the client requires in respect of corporate actions e.g. C=Cash, S= Shares. | 0 | 0 | CHARACTER | X(1) | Reference must be made to table T.ELE for valid values. Table is maintained by the JSE. | Determines the default election value in respect of corporate action events. |
| ELEC-RPT-IND | Electronic Report Indicator | со | СО | CHARACTER | X(1) | Reference must be made to table T.ERP for valid values. Table is maintained by the JSE. | Indicates the format in which the client requires to receive reports .A = All Electronic, B = Brokers notes only, C = Client Statements, P = PFV Valuations, Blank = Hardcopy only. Client must ensure that the e-mail address field is filled in and if required the relevant link loaded on ARMNT on BDA. |
| TAX-NO | Tax Number | M | M | CHARACTER | X(12) | | Mandatory for all clients now as per SARS requirements. |
| VAT-NO | Vat Number | со | со | CHARACTER | X(13) | | Mandatory if the INSTIT-CDE ne " ", not mandatory if the INSTIT-CDE = " " |
| E-MAIL-ADDR | E-Mail Address | со | со | CHARACTER | X(45) | | Field is required if ELEC-RPT-IND ne ". C= Elect Cash , D = Member Discretion |

| Field Name | Field Description | CTL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|-----------------|---|-------------------|--------------------|-----------|-------------|--|---|
| | | | | | | | , R = Refer to client , S = Elect Shares |
| MANDATE-MOD | Date the client's mandate was modified. | 0 | 0 | CHARACTER | X(1) | Reference must be made to table T.MAM for valid values. Table is maintained by the client. | |
| MANDATE-CHG-DTE | Date the clients mandate changed. | М | М | NUMERIC | 9(8) | | As per JSE rules field must be populated. |
| MANDATE-RCV-DTE | Date the client signed their mandate. | М | М | NUMERIC | 9(8) | | As per JSE rules field must be populated. |
| SHORT-NAME | Clients Short name or Alpha Key | М | Μ | CHARACTER | X(20) | None | Must accept upload data and not override it |
| REG-INS-CDE | Registration Instruction Code | M | М | CHARACTER | X(2) | Reference must be made to table T.REG for valid values. Table is maintained by the JSE. | Determines the nominee company in which the client's shares are held. |
| SCR-DISP-CDE | Scrip Disposal Code | M | 0 | CHARACTER | X(2) | Reference must be made to table T.DSP for valid values. Table is maintained by the JSE. | |
| NEG-SCALE | Negotiated Brokerage Scale | 0 | 0 | CHARACTER | X(3) | Reference must be made to table T.BRS for valid values. Table is maintained by the JSE. | Brokerage client is charged based on the scale code loaded on T.BRS. If left blank the members default brokerage scale on T.BRS will be applied. |
| EXTNL-ACC-IND | External Account Indicator | 0 | 0 | CHARACTER | X(1) | | |
| EXTNL-ACC-CDE | External Party's Account Code | 0 | 0 | CHARACTER | X(17) | | |
| EL-PAY-MAN-DTE | Electronic Payment Mandate Date -Indicates whether a client has an electronic payment mandate in place to receive payments electronically. | 0 | 0 | NUMERIC | 9(8) | | Enables client to receive electronic payments, if this date is populated. Format must YYYYMMDD. |
| BEE-IND | BEE Indicator - Indicates whether a client is a BEE client. | 0 | 0 | CHARACTER | X(1) | | Allows client to trade in the BEE sector. |

| Field Name | Field Description | CTL | NCTL | Data Type | Data Leng | th Data Validation | Logic Validation |
|--------------------|---|------------|------------|-----------|-----------|--------------------|--|
| | | (M/O/CO/S) | (M/O/CO/S) | | | | |
| EXP-DTE | BEE Expiry Date | со | со | NUMERIC | 9(8) | | Must be populated if BEE-IND if BEE- IND = Y, for individual clients i.e. If INSTIT-CDE = " " then EXP-DTE = 00000000, else if INSTIT-CDE NE " " then EXP-DTE must be set to value uploaded in file e.g. 20121108. Format must YYYYMMDD. |
| POSTAL ADD-C/O-IND | Postal Address 'Care of' Address indicator (Y/N) | 0 | 0 | CHARACTER | X(1) | | Y or N - Default to N |
| C/O NAME | Postal Address 'Care of' person's name | СО | СО | CHARACTER | X(30) | | Must be populated if Posta Address C/O Indicator is Y |
| FREE TEXT | Members internal upload reference | 0 | 0 | CHARACTER | X(64) | | No Validation |
| FILLER | Filler | М | М | CHARACTER | X(145) | Spaces | |

Note: O = Optional M = Mandatory S = System Generated CO = Conditionally Optional

6.2.4 CSDP Details - Card Code 032

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|---------------------|--------|-------|--|
| CARD-CDE | 9(3) | 032 | Card code 032 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type |
| ACC-CDE | 9(7) | | Account code - 'C' only |
| CSDP-CDE | X(2) | | Bank code |
| CSDP-BRN-CDE | X(4) | | Bank branch code |
| CSDP-ACC-NO | X(16) | | Bank account number |
| CSDP-BIC-CDE | X(11) | | Bank BIC code |
| CSDP-BP-ID | X(8) | | Business partner ID |
| CSDP-CSD-ACC-NO | 9(9) | | System Generated Bank CSD account number |
| CSH-AGT-CDE | X(2) | | CSA Bank code |
| CSH-AGT-BRN-CDE | X(4) | | CSA Bank branch code |
| CSH-AGT-ACC-NO | X(16) | | CSA Bank account number |
| CSH-AGT-BIC-CDE | X(11) | | Bank BIC code |
| CSH-AGT-BP-ID | X(8) | | Business partner ID |
| CLNT-BIC-CDE | X(11) | | Client account BIC code |
| STRT-CSDP-TEL-NO | X(15) | | Strate CSDP telephone number |
| STRT-ACC-TYP-HOLDER | X(1) | | Strate CSDP account type holder |
| FILLER | X(568) | | Spaces |
| | | | |
| TOTAL LENGTH | 700 | | |

| Field Name | Field Description | CTL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|--------------------------|-------------------------|-------------------|--------------------|-----------|----------------|---|---|
| | | | (11) 0/ 00/ 0/ | | Lengtin | | |
| CARD-CDE | Card Code number | М | м | NUMERIC | 9(3) | 032 | |
| BRK_CDE | Broker Code | М | М | NUMERIC | 9(3) | Check against BROKM | Must be an active, valid broker on BROKM |
| UPL-TYP | Upload Type | М | М | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| STRT-CSDP-CDE | Bank code | 0 | СО | CHARACTER | X(2) | Reference must be made to table T.ACB for valid values. | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSDP-BRN-CDE | Bank branch code | 0 | СО | CHARACTER | X(4) | Reference must be made to table T.ACB for valid values. | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSDP-ACC-NO | Bank account number | 0 | СО | CHARACTER | X(16) | SWIFT 598-007/008 messages | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSDP-BIC-CDE | Bank BIC code | 0 | со | CHARACTER | X(11) | SWIFT 598-007/008 messages | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSDP-BP-ID | Business partner ID | 0 | со | CHARACTER | X(8) | None | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSDP-CSD-ACC- NO | Bank CSD account number | 0 | со | CHARACTER | 9(9) | SWIFT 598-007/008 messages | System Generated - Must be populated with 000000000 in the upload. |
| STRT-CSH-AGT-CDE | CSA Bank code | 0 | СО | CHARACTER | X(2) | Reference must be made to table T.ACB for valid values. | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSH-AGT-BRN- CDE | CSA Bank branch code | 0 | со | CHARACTER | X(4) | Reference must be made to table T.ACB for valid values. | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSH-AGT-ACC-NO | CSA Bank account number | 0 | со | CHARACTER | X(16) | SWIFT 598-007/008 messages | Must be populated if the account is to settle as a non-controlled account |
| STRT-CSH-AGT-BIC-CDE | Bank BIC code | 0 | со | CHARACTER | X(11) | SWIFT 598-007/008 | Must be populated if the account is to settle as a |

| Field Name | Field Description | СТL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|---------------------|------------------------------------|--------------------------|--------------------|-----------|----------------|--|---|
| | | | | | | messages | non-controlled account |
| STRT-CSH-AGT-BP-ID | Business partner ID | 0 | со | CHARACTER | X(8) | None | Must be populated if the account is to settle as a non-controlled account |
| CLNT-BIC-CDE | Client account BIC code | 0 | 0 | CHARACTER | X(11) | None | May be populated if client has a BIC |
| STRT-CSDP-TEL-NO | Strate CSDP telephone number | 0 | 0 | CHARACTER | X(15) | None | |
| STRT-ACC-TYP-HOLDER | Strate CSDP account type holder | 0 | со | CHARACTER | X(1) | Reference must be made to table T.ATY for valid values. Table is maintained by the JSE. | Must be populated if the account is to settle as a non-controlled account |
| FILLER | Filler | М | м | CHARACTER | X(568) | Spaces | |

Note: O = Optional M = Mandatory S = System Generated CO = Conditionally Optional

6.2.5 All Other Fields - Card Code 033

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|------------------|--------|-------|--|
| CARD-CDE | 9(3) | 033 | Card code 033 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type U = Update |
| ACC-CDE | 9(7) | | Account code – 'C' type only |
| SC-CHG-CDE | 9(2) | | Safe custody charge code |
| TEL-NO-1 | X(15) | | Telephone number 1 |
| TEL-NO-2 | X(15) | | Telephone number 2 |
| TELEFAX | X(15) | | Telefax number |
| REF-BY | X(30) | | Name of person who referred client |
| SPEC-REG-NAME | X(70) | | Full name for registration |
| INV-RET-CDE | X(2) | | Investment return code |
| SLB-RATE | 9(5) | | Scrip lending and borrowing rate |
| DV-ADV-NOTES-IND | X(1) | | Dividend Advice Note Indicator |
| ASSET-RATE | 9(5) | | Account asset rating |
| RTS-CONSOL-IND | X(1) | | Entitlements consolidation indicator |
| ALLOC-SEQ-NO | 9(3) | | Scrip allocation sequence code |
| VAT-INV-IND | X(1) | | VAT invoice to be created - 'Y' or ' ' |
| POW-ATT | X(1) | | Power of attorney held |
| CLI-IND | X(7) | | Client indicator |
| CLI-CAT | X(2) | | Client category |
| SCRIP-ACC-NO | X(12) | | Scrip account number |
| MIN-NTE-IND | X(1) | | Minimised note indicator |
| CR-LIM-CDE | X(2) | | Credit limit (Removed) |
| CR-LIM-AMT | 9(15) | | Credit limit amount |
| SAFEX-ACC-CDE | X(5) | | SAFEX account code related to BDA |
| SAFEX-RATE-CLASS | X(1) | | SAFEX rate charge |
| UNEX-CDE | X(8) | | UNEXcor code |
| MMKT-IND | X(1) | | Indicates a money market account |

| MMKT-MANDATE-DTE | 9(8) | Mandate date for money market account |
|------------------|--------|---------------------------------------|
| NO-MST-IND | X(1) | Marketable securities tax indicator |
| CMPY-RPT-IND | X(1) | Company Report indicator |
| PF-MAN-CHG-CDE | 9(2) | Portfolio management charge code |
| DTE-DEACTIVATED | 9(8) | Date deactivated |
| FILLER | X(446) | Spaces |
| | | |
| TOTAL LENGTH | 700 | |

| Field Name | Field Description | CTL | | Data Type | Data | Data Validation | Logic Validation |
|------------------|--|-----|----------------|-----------|--------|---|--|
| | | | (M/O/CO /S) | | Length | | |
| CARD-CDE | Card Code number | M | M | NUMERIC | 9(3) | 033 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | М | M | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| SC-CHG-CDE | Safe Custody Charge Code | 0 | 0 | CHARACTER | X(2) | Reference must be made to table T.DSP for valid values. Table is maintained by the JSE. | Amount the client is charged by the broker for holding their shares in safe custody. |
| TEL-NO-1 | Telephone Number 1 | 0 | 0 | CHARACTER | X(15) | | |
| TEL-NO-2 | Telephone Number 2(Alternate Number) | 0 | 0 | CHARACTER | X(15) | | |
| TELEFAX | Fax Number | 0 | 0 | CHARACTER | X(15) | | |
| REF-BY | The name of the person who referred the client to the brokerage | 0 | 0 | CHARACTER | X(30) | | |
| SPEC-REG-NAME | Full name for registration | 0 | 0 | CHARACTER | X(70) | | |
| INV-RET-CDE | Investment return code | 0 | 0 | CHARACTER | X(2) | | |
| SLB RATE | Scrip lending and borrowing rate | 0 | 0 | NUMERIC | 9(5) | | |
| DV-ADV-NOTES-IND | Dividend Advice Note Indicator – Does the Client want Dividend Advices | 0 | 0 | CHARACTER | X(1) | | |
| ASSET RATE | Account asset rating | 0 | 0 | NUMERIC | 9(5) | | |
| RTS-CONSOL-IND | Rights consolidation indicator | 0 | 0 | CHARACTER | X(1) | Y/N indicator as to whether Entitlements should be consolidated | Maps to ENT.CONSOLIDATION on the front-end |
| ALLOC-SEQ-NO | Scrip allocation sequence | 0 | 0 | NUMERIC | 9(3) | | |

| Field Name | Field Description | CTL (M/O/CO | NCTL (M/O/CO | Data Type | Data Length | Data Validation | Logic Validation |
|------------------|--|----------------|-----------------|-----------|----------------|---|--|
| | | /S) | /S) | | Length | | |
| | code | | | | | | |
| VAT-INV-IND | VAT invoice to be | 0 | 0 | CHARACTER | X(1) | | |
| | created - 'Y' or ' ' | | | | | | |
| POW-ATT | Power of attorney held | 0 | 0 | CHARACTER | X(1) | | |
| CLI-IND | Client indicator | 0 | 0 | CHARACTER | X(7) | | |
| CLI-CAT | Client category | 0 | 0 | CHARACTER | X(2) | | |
| SCRIP-ACC-NO | Scrip account number | 0 | 0 | CHARACTER | X(12) | | |
| MIN-NTE-IND | Minimised note indicator | 0 | 0 | CHARACTER | X(1) | | |
| CR-LIM-CDE | Credit limit | 0 | 0 | CHARACTER | X(2) | | |
| CR-LIM-AMT | Credit limit amount | 0 | 0 | NUMERIC | 9(15) | | |
| SAFEX-ACC-CDE | SAFEX Account Code - Applicable to the Equity, Commodity Derivatives & Yield-X Markets. | 0 | 0 | CHARACTER | X(5) | | |
| SAFEX-RATE CLASS | SAFEX rate charge | 0 | 0 | CHARACTER | X(1) | | |
| UNEX-CDE | Unexcor Code - Indicates whether a client trades in the Bond Market | 0 | 0 | CHARACTER | X(8) | | |
| MMKT-IND | Money Market Indicator | 0 | 0 | CHARACTER | X(1) | | Must be populated if MMKT-IND = Y. |
| MMKT-MANDATE-DTE | Money market Mandate Date | 0 | 0 | NUMERIC | 9(8) | | Enables client to invest in Call or Fixed Deposits, if this date is populated. Format must YYYYMMDD. |
| NO-MST-IND | Marketable securities tax indicator | 0 | 0 | CHARACTER | X(1) | | |
| CMPY-RPT-IND | Company Report Indicator - Indicates whether a client requires company reports for the stocks they hold. | 0 | 0 | CHARACTER | X(1) | Valid values are Y, N or the field can be left blank. | If populated client will be flagged to receive company reports for the stocks they hold. |
| PF-MAN-CHG-CDE | Portfolio management | 0 | 0 | NUMERIC | 9(2) | Validate against T.PFM | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|-----------------|-------------------|----------------|----------------|-----------|--------|-----------------|------------------|
| | | (M/O/CO /S) | (M/O/CO /S) | | Length | | |
| | charge code | | | | | | |
| DTE-DEACTIVATED | Date deactivated | 0 | 0 | NUMERIC | 9(8) | | |
| FILLER | Filler | М | М | CHARACTER | X(446) | Spaces | |

Note: O = Optional M = Mandatory S = System Generated CO = Conditionally Optional

6.2.6 Additional CLMNT fields - Card Code 036

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|-----------------------------|--------|-------|--|
| CARD-CDE | 9(3) | 036 | Card code 036 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code ('C' or '*') |
| Nameless Account Descriptor | X(18) | | Free form field e.g. PLEDGED |
| PROCESS INTEREST | X(1) | | Interest Processing indicator - Not linked to Interest Program yet |
| | | | C = Credit Interest Only, |
| | | | D = Debit Interest Only |
| | | | N = neither interest type to be processed |
| | | | B = both types to be processed. |
| PLEDGE VALUE REQUIRED | 9(10) | | Amount required to be pledged |
| POA IN FAVOUR OF | X(55) | | Name of person who holds Power of Attorney |
| FAX INDEMNITY RECEIVED | 9(8) | | Date Fax indemnity received. |
| SOURCE OF INCOME | X(10) | | Client primary source of income must be recorded |
| PROCESS MARGIN | X(1) | | Y/N - Margins call/refunds processed to the client |
| RETAIL-CLI-IND | X(1) | | Y/N – Retail Client Indicator |
| TFSA-IND | X(1) | | Tax Free Savings Account Indicator (' '. Y, N) |
| FOREIGN-POST-CDE | X(10) | | Foreign address Postal Codes |
| POST-CNTRY-CDE | X(3) | | Postal Address Country Code |
| TRADING ADDRESS Line 1 | X(40) | | ADMNT Trading Address Line 1 |
| Line 2 | X(40) | | ADMNT Trading Address Line 2 |
| Line 3 | X(40) | | ADMNT Trading Address Line 3 |
| Line 4 | X(40) | | ADMNT Trading Address Line 4 |
| POSTAL CODE | X(10) | | ADMNT Trading Address Postal Code |
| REASON-FOR-NO-TAX-NUMBER | X(50) | | Reason for no Tax number provided by client |
| FILLER | X(348) | | Spaces |
| | | | |

TOTAL LENGTH 700

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|--------------------------------|--|----------------|----------------|-----------|--------|---|--|
| | | (M/O/CO /S) | (M/O/CO /S) | | Length | | |
| CARD-CDE | Card Code number | M | M | NUMERIC | 9(3) | 036 | |
| BRK-CDE | Broker Code | M | M | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | M | М | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| Nameless Account Descriptor | Free form field e.g. PLEDGED | 0 | 0 | CHARACTER | X(18) | | |
| PROCESS INTEREST | Interest Processing indicator - Not linked to Interest Program yet | 0 | 0 | CHARACTER | X(1) | Default is B C = Credit Interest Only, D = Debit Interest Only N = Neither interest type to be processed B = Both types to be processed. | NOT LINKED TO INTEREST PROGRAM YET - For future development |
| PLEDGE VALUE REQUIRED | Amount required to be pledged | 0 | 0 | NUMERIC | 9(10) | | Link to report - for future development |
| POA IN FAVOUR OF | Name of person who holds Power of Attorney | 0 | 0 | CHARACTER | X(55) | | |
| FAX INDEMNITY RECEIVED | Date Fax indemnity received. | 0 | 0 | NUMERIC | 9(8) | | |
| SOURCE OF INCOME | Client primary source of income must be recorded | 0 | 0 | CHARACTER | X(10) | Validate - T.SOI | |
| PROCESS MARGIN | Y/N - Margins call/refunds processed to the client | 0 | 0 | CHARACTER | X(1) | Default is N | NOT OPERATIONAL - For future development |

| Field Name | Field Description | CTL (M/O/CO | NCTL (M/O/CO | Data Type | Data Length | Data Validation | Logic Validation |
|-------------------|--------------------------|----------------|-----------------|-----------|----------------|--------------------------------|------------------|
| | | /S) | /S) | | | | |
| RETAIL-CLI-IND | Y/N – Retail Client | 0 | 0 | CHARACTER | X(1) | Y/N/Blank = N Default is Blank | |
| RETAIL-CEI-IND | Indicator | | | | ~(1) | | |
| TFSA-IND | Tax Free Savings Account | 0 | 0 | CHARACTER | V(1) | Y/N/Blank = N Default is Blank | |
| IFSA-IND | Indicator (' '. Y, N) | | | | X(1) | | |
| FOREIGN-POST-CDE | Foreign address Postal | 0 | 0 | CHARACTER | X(10) | | |
| FOREIGIN-POST-CDE | Codes | | | | X(10) | | |
| POST-CNTRY-CDE | Postal Address Country | 0 | 0 | CHARACTER | V(2) | Validate - T.CNT | |
| POST-CNTRT-CDE | Code | | | | X(3) | | |
| TRADING ADDRESS | ADMNT Trading Address | 0 | 0 | CHARACTER | X(40) | | |
| Line 1 | Line 1 | | | | A(40) | | |
| Line 2 | ADMNT Trading Address | 0 | 0 | CHARACTER | X(40) | | |
| | Line 0 | | | | A(40) | | |
| Line 3 | ADMNT Trading Address | 0 | 0 | CHARACTER | X(40) | | |
| Line 5 | Line 1 | | | | A(40) | | |
| Line 4 | ADMNT Trading Address | 0 | 0 | CHARACTER | X(40) | | |
| Lifte 4 | Line 2 | | | | A(40) | | |
| POSTAL CODE | ADMNT Trading Address | 0 | 0 | CHARACTER | | | |
| POSTAL CODE | Postal Code | | | | X(10) | | |
| REASON-FOR-NO- | Reason for no Tax | 0 | 0 | CHARACTER | | | |
| TAX-NUMBER | number provided by | | | | X(50) | | |
| | client | | | | | | |
| FILLER | Filler | М | М | CHARACTER | X(348) | Spaces | |

Note: O = Optional M = Mandatory S = System Generated CO = Conditionally Optional

6.2.7 Additional Address Maintenance Fields - Card Code 037

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|-------------------------|--------|-------|---|
| CARD-CDE | 9(3) | 037 | Card code 037 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code |
| SAME AS POSTAL ADD | X(1) | | Same as Postal Address Indicator |
| PHY ADD C/O IND | X(1) | | Physical Address C/O Indicator |
| PHY-C/O-NAME | X(30) | | Physical Address 'Care of' Name |
| PHY-UNIT-NUMBER | X(5) | | Physical Address Unit Number |
| PHY-COMPLEX-NAME | X(26) | | Physical Address Complex Name |
| PHY-STREET-NUMBER | X(5) | | Physical Address Street Number |
| PHY-STREET/NAME-OF-FARM | X(26) | | Physical Address Street Name/Name of Farm |
| PHY-SUBURB/DISTRICT | X(34) | | Physical Address Suburb or District Name |
| PHY-CITY/TOWN | X(23) | | Physical Address City or Town Name |
| PHY-POST-CDE | X(10) | | Physical Address Postal Code |
| PHY-CNTRY-CDE | X(3) | | Physical Address Country Code |
| FAX#2-CNTRY | X(3) | | Country Code of Fax Number 2 |
| FAX#2 | X(10) | | Fax Number 2 |
| TEL#3-CNTRY | X(3) | | Country Code of Telephone Number 3 |
| TEL#3 | X(10) | | Telephone Number 3 |
| TEL#4-CNTRY | X(3) | | Country Code of Telephone Number 4 |
| TEL#4 | X(10) | | Telephone Number 4 |
| E-MAIL#2 | X(55) | | Additional E-mail Address 2 |
| E-MAIL Descriptor 2 | X(26) | | E-mail address 2 use description |
| E-MAIL#3 | X(55) | | Additional E-mail Address 3 |
| E-MAIL Descriptor 3 | X(26) | | E-mail address 3 use description |
| E-MAIL#4 | X(55) | | Additional E-mail Address 4 |
| E-MAIL Descriptor 4 | X(26) | | E-mail address 4 use description |
| CELL 1 | X(10) | | Additional cell phone number1 |
| | | | |

| Cell Descriptor 1 | X(26) | Cell Phone 1 use description |
|-------------------|--------|-------------------------------|
| CELL 2 | X(10) | Additional cell phone number2 |
| Cell Descriptor 2 | X(26) | Cell Phone 1 use description |
| CELL 3 | X(10) | Additional cell phone number3 |
| Cell Descriptor 3 | X(26) | Cell Phone 1 use description |
| FILLER | X(132) | Spaces |
| | | |
| TOTAL LENGTH | 700 | |

| | | CTL | NCTL | | Data | | Logic Validation |
|--------------------|-------------------------------------|----------------|----------------|-----------|--------|---|--|
| Field Name | Field Description | (M/O/CO /S) | (M/O/CO /S) | Data Type | Length | Data Validation | |
| CARD-CDE | Card Code number | М | М | NUMERIC | 9(3) | 037 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | м | М | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| SAME AS POSTAL ADD | Same as Postal Address Indicator | 0 | 0 | CHARACTER | X(1) | Y/N Default is N | |
| PHY ADD C/O IND | Physical Address C/O Indicator | 0 | 0 | CHARACTER | X(1) | Y/N Default is N | |
| PHY-C/O-NAME | Physical Address 'Care of' Name | 0 | 0 | CHARACTER | X(30) | | |
| PHY-UNIT-NUMBER | Physical Address Unit Number | 0 | 0 | CHARACTER | X(5) | | |
| PHY-COMPLEX-NAME | Physical Address Complex Name | 0 | 0 | CHARACTER | X(26) | | |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|-----------------------------|--|-----------------------|------------------------|-----------|----------------|------------------|------------------|
| PHY-STREET-NUMBER | Physical Address Street Number | 0 | 0 | CHARACTER | X(5) | | |
| PHY-STREET/NAME- OF-FARM | Physical Address Street Name/Name of Farm | 0 | 0 | CHARACTER | X(26) | | |
| PHY- SUBURB/DISTRICT | Physical Address Suburb or District Name | 0 | 0 | CHARACTER | X(34) | | |
| PHY-CITY/TOWN | Physical Address City or Town Name | 0 | 0 | CHARACTER | X(23) | | |
| PHY-POST-CDE | Physical Address Postal Code | 0 | 0 | CHARACTER | X(10) | | |
| PHY-CNTRY-CDE | Physical Address Country Code | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| FAX#2-CNTRY | Country Code of Fax Number 2 | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| FAX#2 | Fax Number 2 | 0 | 0 | CHARACTER | X(10) | | |
| TEL#3-CNTRY | Country Code of Telephone Number 3 | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TEL#3 | Telephone Number 3 | 0 | 0 | CHARACTER | X(10) | | |
| TEL#4-CNTRY | Country Code of Telephone Number 4 | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TEL#4 | Telephone Number 4 | 0 | 0 | CHARACTER | X(10) | | |
| E-MAIL#2 | Additional E-mail Address 2 | 0 | 0 | CHARACTER | X(55) | | |
| E-MAIL Descriptor 2 | E-mail address 2 use description | 0 | 0 | CHARACTER | X(26) | | |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|---------------------|-----------------------------------|-----------------------|------------------------|-----------|----------------|-----------------|------------------|
| E-MAIL#3 | Additional E-mail Address 3 | 0 | 0 | CHARACTER | X(55) | | |
| E-MAIL Descriptor 3 | E-mail address 3 use description | 0 | 0 | CHARACTER | X(26) | | |
| E-MAIL#4 | Additional E-mail Address | 0 | 0 | CHARACTER | X(55) | | |
| E-MAIL Descriptor 4 | E-mail address 4 use description | 0 | 0 | CHARACTER | X(26) | | |
| CELL 1 | Additional cell phone number1 | 0 | 0 | CHARACTER | X(10) | | |
| Cell Descriptor 1 | Cell Phone 1 use description | 0 | 0 | CHARACTER | X(26) | | |
| CELL 2 | Additional cell phone number 2 | 0 | 0 | CHARACTER | X(10) | | |
| Cell Descriptor 2 | Cell Phone 2 use description | 0 | 0 | CHARACTER | X(26) | | |
| CELL 3 | Additional cell phone number 3 | 0 | 0 | CHARACTER | X(10) | | |
| Cell Descriptor 3 | Cell Phone 3 use description | 0 | 0 | CHARACTER | X(26) | | |
| FILLER | Filler | М | М | CHARACTER | X(132) | Spaces | |

Note: O = Optional M = Mandatory S = System Generated CO = Conditionally Optional

6.2.8 Legal and Tax Maintenance Fields - Card Code 038

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|---------------------|--------|-------|--|
| CARD-CDE | 9(3) | 038 | Card code 038 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code– 'C' or '*' |
| ID TYPE | 9(3) | | Code identifying type of ID |
| ID | X(30) | | ID no or Passport No or CO REG No or Trust No |
| CTRY-OF-ISSUE/INC | X(3) | | Country that issue ID, REG NO, TRUST NO etc. |
| DTE-OF-ISSUE/INC | 9(8) | | Date ID was Issued, Date of Incorporation etc. |
| PP-EXPIRY-DTE | 9(8) | | Date Passport expires |
| DTE-OF-BIRTH | 9(8) | | If an individual, clients date of birth |
| CNTRY-OF-BIRTH | X(3) | | If an individual, clients country of birth |
| PLACE-OF-BIRTH | X(33) | | If an individual, clients place of birth |
| CTRY-OF-RES-FOR-DWT | X(3) | | Country of Residence for DWT |
| DWT-EXEMP-FORM-REC | X(1) | | DWT Exemption - Validate against T.TEX exemption form received |
| IT3B-EXCL | X(1) | | Y/N indicator - Y excludes client from IT3B run |
| IT3C-EXCL | X(1) | | Y/N indicator - Y excludes client from IT3C run |
| DWT FORM-A-OR-B | X(1) | | DWT Tax Directive form |
| DTA-FORM-REC | X(3) | | Country Code of DTA |
| PASS-THRU | X(1) | | Dividend pass through indicator |
| REPORTING-ACCOUNT | X(1) | | Indicator of whether foreign tax reporting is required |
| ACC HOLDER TYP | X(8) | | Account Holder Type as per SARS table |
| ACC STATUS | X(2) | | Account Status as per SARS table |
| LEG-ENT-CDE | X(2) | | Legal Entity mapped to SARS's Nature of Person |
| FI GIIN | X(19) | | Financial Institutions GIIN if registered |
| INDICIA1 | X(3) | | Country code of 1 st indicia recorded |
| INDICIA2 | X(3) | | Country code of 2 nd indicia recorded |
| INDICIA3 | X(3) | | Country code of 3 rd indicia recorded |
| INDICIA4 | X(3) | | Country code of 4 th indicia recorded |
| INDICIA5 | X(3) | | Country code of 5 th indicia recorded |
| TAX-RES1 | X(3) | | Country of 1 st tax residency |
| TAX-RES2 | | | Country of 2 nd residency |
| | X(3) | | Country of 2 residency |

| TAX-RES3 | X(3) | Country of 3 rd tax residency |
|-------------------------------------|--------|---|
| TAX-RES4 | X(3) | Country of 4 th tax residency |
| TAX-RES5 | X(3) | Country of 5 th tax residency |
| NAL1 | X(3) | 1 st Nationality |
| NAL2 | X(3) | 2 nd Nationality |
| NAL3 | X(3) | 3 rd Nationality |
| NAL4 | X(3) | 4 th Nationality |
| NAL5 | X(3) | 5 th Nationality |
| TIN1 | X(20) | 1 st Foreign Tax Identification Number |
| TIN2 | X(20) | 2 nd Foreign Tax Identification Number |
| TIN3 | X(20) | 3 rd Foreign Tax Identification Number |
| TIN4 | X(20) | 4 th Foreign Tax Identification Number |
| TIN5 | X(20) | 5 th Foreign Tax Identification Number |
| JUR1 | X(3) | Country of jurisdiction of 1 st TIN |
| JUR2 | X(3) | Country of jurisdiction of 2 nd TIN |
| JUR3 | X(3) | Country of jurisdiction of 3 rd TIN |
| JUR4 | X(3) | Country of jurisdiction of 4 th TIN |
| JUR5 | X(3) | Country of jurisdiction of 5 th TIN |
| SIC-CDE | 9(5) | Standard Industrial Classification Code |
| FICA COMPLIANT | X(1) | FICA compliance indicator |
| DATE | 9(8) | Date of FICA Compliance |
| CLIENT RISK | X(1) | Client risk defined as H = HIGH, M = MEDIUM or L = LOW |
| SANCTIONS-POLITICALLY EXPOSED PERSO | N X(1) | Y/N indicator - politically exposed person |
| CPA MARKETING MATERIAL | X(1) | Y/N indicator - CPA marketing material |
| CPA MATERIAL DISTRIBUTION | X(1) | P - Post or E for E-mail |
| INDIVIDUALS-PREVIOUSLY DISADVANTAGE | EDX(1) | Y/N indicator - client of previously disadvantaged race |
| COMPANIES-ANNUAL TURNOVER | 9(15) | Annual Turnover or Asset Value of a company |
| TRUSTS-NO OF TRUSTEES | 9(4) | Number of Trustees |
| JURISTIC TRUSTEE | X(1) | Y/N - is any trustee a juristic person |
| BND-NAME | X(70) | Clean Name for BND Dissemination |
| RE-VER-DTE | 9(8) | Date Account was re-verified |
| ALT-ID | X(13) | Alternative ID field |
| | | |

| COMM-BY-ISSUER PIC | |
|-------------------------|--|
| UND-REASON-CDE | |
| GEN-COMPLNCE-REASON-CDE | |
| FILLER | |
| | |

X(1) X(3)

X(3)

700

X(250)

Communication by Issuer CRS Undocumented Reason Code CRS General Compliance Reason Code Spaces

TOTAL LENGTH

| | | CTL | NCTL | | Data | | Logic Validation |
|-------------------|--|----------------|----------------|-----------|--------|---|--|
| Field Name | Field Description | (M/O/CO /S) | (M/O/CO /S) | Data Type | Length | Data Validation | |
| CARD-CDE | Card Code number | М | М | NUMERIC | 9(3) | 038 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | м | М | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| ID TYPE | Code identifying type of ID | м | М | NUMERIC | 9(3) | Validate - T. TID | |
| ID | ID no or Passport No or CO REG No or Trust No | м | М | CHARACTER | X(30) | | |
| CTRY-OF-ISSUE/INC | Country that issue ID, REG NO, TRUST NO etc. | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| DTE-OF-ISSUE/INC | Date ID was Issued, Date of Incorporation etc. | 0 | 0 | NUMERIC | 9(8) | | |
| PP-EXPIRY-DTE | Date Passport expires | 0 | 0 | NUMERIC | 9(8) | | |
| DTE-OF-BIRTH | If an individual, clients date of birth | 0 | 0 | NUMERIC | 9(8) | | |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|-------------------------|--|-----------------------|------------------------|-----------|----------------|---|-------------------------------------|
| CNTRY-OF-BIRTH | If an individual, clients country of birth | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| PLACE-OF-BIRTH | If an individual, clients place of birth | 0 | 0 | CHARACTER | X(33) | | |
| CTRY-OF-RES-FOR- DWT | Country of Residence for DWT | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| DWT-EXEMP-FORM- REC | DWT Exemption - Y/N | S | S | CHARACTER | X(1) | No Upload - Tax Exemption must be loaded on TAXEX and if loaded this field will change to Y | |
| IT3B-EXCL | Y/N indicator - Y excludes client from IT3B run | 0 | 0 | CHARACTER | X(1) | Y/N | Y excludes client from IT3B run |
| IT3C-EXCL | Y/N indicator - Y excludes client from IT3C run | 0 | 0 | CHARACTER | X(1) | Y/N | Y excludes client from IT3C run |
| DWT FORM-A-OR-B | DWT Tax Directive form | 0 | 0 | CHARACTER | X(1) | A or B | |
| DTA-FORM-REC | Country Code of DTA | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| PASS-THRU | Dividend pass through indicator | 0 | 0 | CHARACTER | X(1) | Y/N default to N | |
| REPORTING- ACCOUNT | Indicator of whether foreign tax reporting is required | 0 | 0 | CHARACTER | X(1) | Y/N default to N | |
| ACC HOLDER TYP | Account Holder Type as per T.AHT table | 0 | 0 | CHARACTER | X(8) | Validate - T.AHT | |
| ACC STATUS | Account Status as per T.AST table | 0 | 0 | CHARACTER | X(2) | Validate - T. AST | |
| LEG-ENT-CDE | Legal Entity mapped to SARS's Nature of Person | со | со | CHARACTER | X(2) | Validate - T.LGE | Mandatory if REPORTING ACCOUNT is Y |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|------------|---|-----------------------|------------------------|-----------|----------------|------------------------------|------------------|
| FI GIIN | Financial Institutions GIIN if registered | 0 | 0 | CHARACTER | X(19) | Validate against GIIN format | |
| INDICIA1 | Country code of 1 st indicia recorded | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| INDICIA2 | Country code of 2 nd indicia recorded | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| INDICIA3 | Country code of 3 rd indicia recorded | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| INDICIA4 | Country code of 4 th indicia recorded | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| INDICIA5 | Country code of 5 th indicia recorded | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TAX-RES1 | Country of 1 st tax residency | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TAX-RES2 | Country of 2 nd tax residency | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TAX-RES3 | Country of 3 rd tax residency | ο | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TAX-RES4 | Country of 4 th tax residency | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TAX-RES5 | Country of 5 th tax residency | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| NAL1 | 1 st Nationality | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| NAL2 | 2 nd Nationality | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|------------|--|-----------------------|------------------------|-----------|----------------|------------------|------------------|
| NAL3 | 3 rd Nationality | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| NAL4 | 4 th Nationality | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| NAL5 | 5 th Nationality | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| TIN1 | 1 st Foreign Tax Identification Number | 0 | 0 | CHARACTER | X(20) | | |
| TIN2 | 2 nd Foreign Tax Identification Number | 0 | 0 | CHARACTER | X(20) | | |
| TIN3 | 3 rd Foreign Tax Identification Number | 0 | 0 | CHARACTER | X(20) | | |
| TIN4 | 4 th Foreign Tax Identification Number | 0 | 0 | CHARACTER | X(20) | | |
| TIN5 | 5 th Foreign Tax Identification Number | 0 | 0 | CHARACTER | X(20) | | |
| JUR1 | Country of jurisdiction of 1 st TIN | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| JUR2 | Country of jurisdiction of 2 nd TIN | 0 | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| JUR3 | Country of jurisdiction of 3 rd TIN | ο | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| JUR4 | Country of jurisdiction of 4 th TIN | ο | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| JUR5 | Country of jurisdiction of 5 th TIN | o | 0 | CHARACTER | X(3) | Validate - T.CNT | |
| SIC-CDE | Standard Industrial Classification Code | ο | 0 | NUMERIC | 9(5) | | |

| Field Name | Field Description | CTL (M/O/CO /S) | NCTL (M/O/CO /S) | Data Type | Data Length | Data Validation | Logic Validation |
|---|--|-----------------------|------------------------|-----------|----------------|--------------------------|------------------|
| FICA COMPLIANT | FICA compliance indicator | | 0 | CHARACTER | X(1) | Y/N/Blank = N | |
| DATE | Date of FICA Compliance | 0 | 0 | NUMERIC | 9(8) | | |
| | Client risk defined as | | | | | | |
| CLIENT RISK | HIGH, MEDIUM or LOW | 0 | 0 | CHARACTER | X(1) | | |
| SANCTIONS- POLITICALLY EXPOSED PERSON | Y/N indicator - politically exposed person | 0 | 0 | CHARACTER | X(1) | | |
| CPA MARKETING MATERIAL | Y/N indicator - CPA marketing material | 0 | 0 | CHARACTER | X(1) | Y/N | |
| CPA MATERIAL DISTRIBUTION | How Consumer Protection Act Material must be distributed | 0 | 0 | CHARACTER | X(1) | P - Post or E for E-mail | |
| INDIVIDUALS- PREVIOUSLY DISADVANTAGED | Y/N indicator - client of previously disadvantaged race | 0 | 0 | CHARACTER | X(1) | Y/N | |
| COMPANIES-ANNUAL TURNOVER | Annual Turnover or Asset Value of a company | 0 | 0 | NUMERIC | 9(15) | | |
| TRUSTS-NO OF TRUSTEES | Number of Trustees | 0 | 0 | NUMERIC | 9(4) | | |
| JURISTIC TRUSTEE | Y/N - is any trustee a juristic person | 0 | 0 | CHARACTER | X(1) | Y/N | |
| BND-NAME | Clean Name for BND Dissemination - Must be | м | М | CHARACTER | X(70) | | |

| | | CTL | NCTL | | Data | | |
|-----------------------------|---------------------------------------|----------------|----------------|-----------|--------|------------------------|-----------------------------------|
| Field Name | Field Description | (M/O/CO /S) | (M/O/CO /S) | Data Type | Length | Data Validation | Logic Validation |
| | in accordance with to | | | | | | |
| | STRATE BND expected | | | | | | |
| | Format - No special | | | | | | |
| | Characters | | | | | | |
| | Date Account was re- | | | | 0(0) | | |
| RE-VER-DTE | verified | 0 | 0 | NUMERIC | 9(8) | | |
| ALT-ID | Alternative ID field | 0 | 0 | CHARACTER | X(13) | | |
| COMM-BY-ISSUER | Communication by Issuer | М | 0 | CHARACTER | X(1) | Valid Values Y/N/M | |
| UND-REASON-CDE | CRS Undocumented Reason Code | со | 0 | CHARACTER | X(13) | Validate against T.URC | Mandatory if Account Status is OU |
| GEN-COMPLNCE- REASON-CDE | CRS General Compliance Reason Code | 0 | 0 | CHARACTER | X(13) | Validate against T.GCR | |
| FILLER | Filler | M | М | CHARACTER | X(250) | Spaces | |

6.2.9 Portfolio Details - Card Code 034

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------------|-------|-----------------------|
| CARD-CDE | 9(3) | 034 | Card code 034 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type |
| ACC-CDE | 9(7) | | Account code |
| ADVR-CDE | X(4) | | Advisor Code |
| ACCUM-PROFIT | 9(15) (13,2) | | Accumulated Profit |
| INV-TYP | X(3) | | Investment Type T.ITC |
| FILLER | X(664) | | Spaces |
| | | | |
| TOTAL LENGTH | 700 | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data Length | Data Validation | Logic Validation |
|--------------|--|----------------|----------------|-----------|-------------|---|---|
| | | (M/O/CO /S) | (M/O/CO /S) | | | | |
| CARD-CDE | Card Code number | м | м | NUMERIC | 9(3) | 034 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Against BROKM | Must be a valid, active Broker |
| UPL-TYP | Upload Type | М | М | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |
| ADVR-CDE | Advisor Code - Indicates the advisor who manages the account | со | со | CHARACTER | X(4) | Validate against T.ADV | If this ADVR-CDE field is populated on CLTM , the CLMNT screen on BDA must be updated with this information as well as the PF-IND on CLMNT must be set to Y. |
| ACCUM-PROFIT | Accumulated Profit | 0 | 0 | NUMERIC | 9(15)(13,2) | None | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data Length | Data Validation | Logic Validation |
|------------|----------------------|----------------|----------------|-----------|-------------|-----------------|------------------------------|
| | | (M/O/CO /S) | (M/O/CO /S) | | | | |
| INV-TYP | Investment Type Code | 0 | 0 | CHARACTER | X(3) | None | Validate against Table T.ITC |
| FILLER | Filler | М | М | CHARACTER | X(664) | Spaces | |

6.2.10 Banking Details - Card Code 035

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------|-------|-----------------------------|
| CARD-CDE | 9(3) | 035 | Card code 035 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type |
| ACC-CDE | 9(7) | | Account code |
| BAL-CDE | X(2) | | Balance code |
| BANK-BRN-NO | 9(6) | | Bank branch code |
| BANK-ACC-NO | X(16) | | Bank account number |
| BANK-DESCRIP | X(20) | | Bank name |
| BANK-ACC-TYP | X(1) | | Bank account type |
| PAYEE-NAME | X(35) | | Payee or account name |
| PREFERRED-ACC | X(1) | | Preferred account indicator |
| FILLER | X(605) | | Spaces |
| | | | |
| TOTAL LENGTH | 700 | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|------------|-------------------|------------|------------|-----------|--------|---|---|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| CARD-CDE | Card Code number | М | M | NUMERIC | 9(3) | 035 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Check against BROKM | Must be an active, valid broker on BROKM |
| UPL-TYP | Upload Type | M | M | CHARACTER | X(1) | U = UPDATE | Only Upload Type = U allowed. Update account based on fields uploaded. |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Account will be generated based on the available account range. | Account will be generated based on the available account range. |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|----------------|---------------------------|------------|------------|-----------|--------|--|---|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| BAL-CDE | BDA Account Balance Code | 0 | 0 | CHARACTER | X(2) | Reference to T.BAL for valid balance codes | If the field is not populated, the system will not generate a default balance code, i.e. field will be left blank. |
| BANK-BRN-NO | Bank Branch Code | СО | СО | NUMERIC | 9(6) | Mandatory if BANK ACC DETAILS = " " (Blank) | Mandatory if BANK ACC DETAILS = " " (Blank) |
| BANK-ACC-NO | Bank Account Number | СО | СО | CHARACTER | X(16) | Mandatory if BANK ACC DETAILS = " " (Blank) | Mandatory if BANK ACC DETAILS = " " (Blank) |
| BANK-DESCRIP | Bank Account Description | 0 | 0 | CHARACTER | X(20) | | |
| BANK-ACC-TYP | Bank Account Type | СО | СО | CHARACTER | X(1) | Reference be made to T.BAT for the valid Account Types | Mandatory if BANK ACC DETAILS = " " (Blank) |
| PAYEE-NAME | The name of the payee | 0 | 0 | CHARACTER | X(35) | Defaults to the name of the account holder | Mandatory if BANK ACC DETAILS = " " (Blank) |
| PREFERRED- ACC | Preferred Banking Account | со | со | CHARACTER | X(1) | Y/N | In the instance with multiple accounts loaded, the preferred account option becomes applicable. If this account is the preferred banking account, indicate with 'Y'. If the field is left blank, will default to 'N' Should there be no Preferred account indicated as 'Y', any payment will be paid out the first bank account loaded |
| FILLER | Filler | М | М | CHARACTER | X(605) | Spaces | |

6.2.11 Supplementary Names and Address Details Record - Layout 039

New Supplementary Names and Address details record

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------|-------|-----------------------------------|
| CARD-CDE | 9(3) | 039 | Card code 039 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code |
| ACC-TYP-CDE | X(2) | | Account type code- '*' type only |
| BRN-CDE | X(2) | | Branch code |
| PARTNER-CDE | X(2) | | Partner code |
| FIRST-NAMES | X(40) | | Account holders first names |
| C/O-ADD-IND | X(1) | | 'Care of' Address indicator (Y/N) |
| TITLE | X(10) | | Clients title |
| INITIALS | X(4) | | Clients initials |
| SURNAME | X(40) | | Clients surname |
| SA RESIDENT | X(1) | | Y/N indicator |
| ADR-LINE-1 | X(40) | | Address line 1 |
| ADR-LINE-2 | X(40) | | Address line 2 |
| ADR-LINE-3 | X(40) | | Address line 3 |
| ADR-LINE-4 | X(40) | | Address line 4 |
| POSTAL-CDE | X(4) | | Postal code |
| COUNTRY-CDE | X(3) | | Country of residence code |
| FGN-POST-CDE | X(10) | | Foreign Address Postal Code |
| TEL-NO-1 | X(15) | | Telephone number 1 |
| TEL-NO-2 | X(15) | | Telephone number 2 |
| TELEFAX | X(15) | | Telefax number |
| EMAIL-ADDR | X(55) | | E-mail address |

| ALPHA-CDE | X(20) | Alpha or shortened account name | |
|--------------------|--------|--|--|
| INSTIT-CDE | X(3) | Institution Code | |
| LANG-CDE | X(1) | Language Code (E, A) | |
| SCR-DISP-CDE | X(2) | Scrip Disposal Code | |
| ETC-FUND-CDE | X(3) | Electronic Trade Confirmation Fund Code | |
| ETC-FUND-BIC | X(11) | Electronic Trade Confirmation Fund BIC | |
| ELEC-REP-IND | X(1) | Electronic Report Indicator | |
| SHAREHOLDER-% | 9(3) | % this account holder holds in the linked entity | |
| CONTROL-PERSON-TYP | X(8) | Identifies the type of controlling person | |
| CONTACT | X(55) | Contract person details | |
| CELL | 9(10) | Cell Number | |
| DESCRIPTION | X(26 | Field used to describe when cell to be used | |
| FILLER | X(164) | Spaces | |
| | | | |
| TOTAL LENGTH | 700 | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|-------------|-------------------|------------|------------|-----------|--------|--------------------------------------|--|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| CARD-CDE | Card Code number | М | М | NUMERIC | 9(3) | 039 | |
| BRK-CDE | Broker Code | М | Μ | NUMERIC | 9(3) | Check against BROKM | Must be an active, valid broker on BROKM |
| UPL-TYP | Upload Type | М | М | CHARACTER | X(1) | Upload Type – N = New, U = Update | |
| ACC-CDE | Account code | S | S | NUMERIC | 9(7) | Must a valid Account | |
| ACC-TYP-CDE | Account type code | М | М | CHARACTER | X(2) | T.ACT | Must be Account Type * |
| BRN-CDE | Branch code | 0 | 0 | CHARACTER | X(2) | Validate T.BRN | |

| Field Name | Field Description | CTL (M/O/CO/S) | NCTL (M/O/CO/S) | Data Type | Data Length | Data Validation | Logic Validation |
|--------------|---|-------------------|--------------------|-----------|----------------|-----------------|---|
| PARTNER-CDE | Partner code | 0 | 0 | CHARACTER | X(2) | Validate T.PAR | |
| FIRST-NAMES | Account holders first names | 0 | 0 | CHARACTER | X(40) | | |
| C/O-ADD-IND | 'Care of' Address indicator (Y/N) | 0 | 0 | CHARACTER | X(1) | Y/N | |
| TITLE | Clients title | 0 | 0 | CHARACTER | X(10) | Validate T.TIT | |
| INITIALS | Clients initials | 0 | 0 | CHARACTER | X(4) | | |
| SURNAME | Clients surname | М | М | CHARACTER | X(40) | | |
| SA RESIDENT | Y/N indicator | 0 | 0 | CHARACTER | X(1) | Y/N | |
| ADR-LINE-1 | Address line 1 | М | М | CHARACTER | X(40) | | |
| ADR-LINE-2 | Address line 2 | М | М | CHARACTER | X(40) | | |
| ADR-LINE-3 | Address line 3 | 0 | 0 | CHARACTER | X(40) | | |
| ADR-LINE-4 | Address line 4 | 0 | 0 | CHARACTER | X(40) | | |
| POSTAL-CDE | Postal code | М | M | CHARACTER | X(4) | | Must be blank if FGN-POST-CDE completed |
| COUNTRY-CDE | Country of residence code | 0 | 0 | CHARACTER | X(3) | | |
| FGN-POST-CDE | Foreign Address Postal Code | 0 | 0 | CHARACTER | X(10) | | Must be blank if POSTAL-CDE completed |
| TEL-NO-1 | Telephone number 1 | 0 | 0 | CHARACTER | X(15) | | |
| TEL-NO-2 | Telephone number 2 | 0 | 0 | CHARACTER | X(15) | | |
| TELEFAX | Telefax number | 0 | 0 | CHARACTER | X(15) | | |
| EMAIL-ADDR | E-mail address | 0 | 0 | CHARACTER | X(55) | | |
| ALPHA-CDE | Alpha or shortened account name | 0 | 0 | CHARACTER | X(20) | | |
| INSTIT-CDE | Institution Code | 0 | 0 | CHARACTER | X(3) | Validate T.INS | |
| LANG-CDE | Language Code (E, A) | 0 | 0 | CHARACTER | X(1) | E or A | |
| SCR-DISP-CDE | Scrip Disposal Code | 0 | 0 | CHARACTER | X(2) | Validate T. DSP | |
| ETC-FUND-CDE | Electronic Trade Confirmation Fund Code | 0 | 0 | CHARACTER | X(3) | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|--------------------|---|------------|------------|-----------|--------|-----------------|------------------|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| ETC-FUND-BIC | Electronic Trade Confirmation Fund BIC | 0 | 0 | CHARACTER | X(11) | | |
| ELEC-REP-IND | Electronic Report Indicator | 0 | 0 | CHARACTER | X(1) | | |
| SHAREHOLDER-% | % this account holder holds in the linked | 0 | 0 | NUMERIC | 9(3) | | |
| | entity | | | | | | |
| CONTROL-PERSON-TYP | Identifies the type of controlling person | 0 | 0 | CHARACTER | X(8) | Validate T.AHT | |
| CONTACT | Contract person details | 0 | 0 | CHARACTER | X(55) | | |
| CELL | Cell Number | 0 | 0 | NUMERIC | 9(10) | | |
| DESCRIPTION | Field used to describe when cell to be | 0 | 0 | CHARACTER | X(26 | | |
| | used | | | | | | |
| FILLER | Filler | М | М | CHARACTER | X(164) | Spaces | |

6.2.12 Account Relationships - Card Code 040

This layout covers the relationship between the supplementary accounts and the main Client accounts

| BDA FIELD NAME | LENGTH | VALUE | DESCRIPTION |
|----------------|--------|-------|--|
| CARD-CDE | 9(3) | 040 | Card code 040 |
| BRK-CDE | 9(3) | | Broker Numeric code |
| UPL-TYP | X(1) | | Upload Type – N = New, U = Update |
| ACC-CDE | 9(7) | | Account code |
| REL-CDE | X(2) | | Relationship code on ARMNT (as per T.REL) |
| SUPP-ACC-BRK | 9(3) | | Numeric Broker code of the linked account |
| SUPP-ACC-CDE | 9(7) | | Linked supplementary Account number |
| COPIES | 9(2) | | No of Copies |
| FREQUENCY | X(1) | | Frequency at which reports etc. must be produced |
| MNTH | 9(2) | | Month of the quarter etc. at which report must be produced |
| DAY | 9(2) | | Day in the month on which report must be produced. |
| FILLER | X(667) | | Spaces |
| | | | |
| TOTAL LENGTH | 700 | | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|------------|-------------------|------------|------------|-----------|--------|----------------------------|--|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| | | | | | | | |
| CARD-CDE | Card Code number | М | М | NUMERIC | 9(3) | 040 | |
| BRK-CDE | Broker Code | М | М | NUMERIC | 9(3) | Check against BROKM | Must be an active, valid broker on BROKM |
| UPL-TYP | Upload Type | М | М | CHARACTER | X(1) | Upload Type – N = New, U = | |
| | | | | | | Update | |

| Field Name | Field Description | CTL | NCTL | Data Type | Data | Data Validation | Logic Validation |
|--------------|--|------------|------------|-----------|--------|---|------------------|
| | | (M/O/CO/S) | (M/O/CO/S) | | Length | | |
| ACC-CDE | Account Code | S | S | NUMERIC | 9(7) | Must a valid Account | |
| REL-CDE | Relationship code on ARMNT | | | | X(2) | Validate against T.REL | |
| SUPP-ACC-BRK | Numeric Broker code of the account to be linked. | М | M | NUMERIC | 9(3) | Must be Broker zero or the same as the broker in the BRK-CDE field | |
| SUPP-ACC-CDE | Account Code of the account to be linked. May be a supplementary account or a regular account or the same account | Μ | M | NUMERIC | 9(7) | May be a supplementary account or a regular account or the same account | t |
| COPIES | No of Copies | 0 | 0 | NUMERIC | 9(2) | | |
| FREQUENCY | Frequency at which reports etc. must be produced | 0 | 0 | | X(1) | Standard BDA Frequency codes | |
| MNTH | Month of the quarter etc. at which report must be produced | 0 | 0 | NUMERIC | 9(2) | Standard BDA Month Codes | |
| DAY | Day in the month on which report must be produced. | 0 | 0 | NUMERIC | 9(2) | Standard BDA Day Codes | |
| FILLER | Filler | M | M | CHARACTER | X(667) | Spaces | |

7 GLOSSARY

The following terms, abbreviations and acronyms have been used in this document:

| Term, abbreviation, acronym | Definition |
|-----------------------------|---|
| CTL | Controlled Accounts – settled by the member |
| NCTL | Non-controlled Accounts – settled by the clients own CSDP |
| FTP | File Transfer Protocol |
| SARS | South African Revenue Services |
| BIC | Bank Identifier Code (SWIFT) |
| | |

Note: BDA File and Table names have been excluded from the Glossary

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