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**INTEREST RATE AND CURRENCY DERIVATIVES** 

**DERIVATIVES MATCHED TRADES REPORT** 

REPORT FOR 10/06/2019

Johannesburg Stock Exchange

One Exchange Square, Gwen Lane, Sandown, South Africa Private Bag X991174 Sandton 2146

Tel: +27 11 520 7000 Fax: +27 11 520 8584

www.jse.co.za

Registration number: 2005/022939/06

VAT number: 4080119391

| Matched<br>Time | Contract           | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|--------------------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 11:01:41        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 30,000      | 0.00 Member   | Buy          |
| 11:01:41        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 30,000      | 0.00 Member   | Sell         |
| 11:08:37        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 30,000      | 0.00 Member   | Buy          |
| 11:08:37        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 30,000      | 0.00 Client   | Sell         |
| 11:08:56        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 10,000      | 0.00 Client   | Sell         |
| 11:08:56        | GOVI               | On 01/08/2019 |                     | GOVI        | 1               | 10,000      | 0.00 Client   | Buy          |
| Total for GO    | otal for GOVI GOVI |               |                     |             | 6               | 140,000     | 0.00          |              |
| 9:24:26         | R186               | On 01/08/2019 |                     | Bond Future | 1               | 200,000     | 0.00 Member   | Buy          |
| 9:24:26         | R186               | On 01/08/2019 |                     | Bond Future | 1               | 645,000,000 | 0.00 Member   | Sell         |
| 9:25:16         | R186               | On 01/08/2019 |                     | Bond Future | 1               | 10,000,000  | 0.00 Member   | Sell         |
| 9:25:16         | R186               | On 01/08/2019 |                     | Bond Future | 1               | 10,000,000  | 0.00 Member   | Buy          |
| 11:00:38        | R186               | On 01/08/2019 |                     | Bond Future | 1               | 6,600,000   | 0.00 Member   | Buy          |
| 11:00:38        | R186               | On 01/08/2019 |                     | Bond Future | 1               | 10,500,000  | 0.00 Member   | Sell         |

| Matched<br>Time | Contract Details |               | ntract Details Strike Call/ Product<br>Put |  | No<br>of Trades | Nominal | Trade<br>Type | Buy/<br>Sell |      |
|-----------------|------------------|---------------|--|--|-----------------|---------|---------------|--------------|------|
| 12:00:47        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 3,900,000     | 0.00 Client  | Buy  |
| 12:00:47        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 6,600,000     | 0.00 Client  | Buy  |
| 12:00:47        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 3,900,000     | 0.00 Member  | Sell |
| 12:00:47        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 3,900,000     | 0.00 Member  | Buy  |
| 12:00:47        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 6,600,000     | 0.00 Member  | Sell |
| 12:29:10        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 10,000,000    | 0.00 Member  | Buy  |
| 12:29:10        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 10,000,000    | 0.00 Client  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 150,500,000   | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 89,500,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 16,200,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,700,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,100,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,100,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,100,000    | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 16,200,000    | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 13,600,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 13,600,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 150,500,000   | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 89,500,000    | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 12,400,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 150,500,000   | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 89,500,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 16,200,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 12,400,000    | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,700,000    | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 20,700,000    | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 178,600,000   | 0.00 Member  | Sell |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 178,600,000   | 0.00 Client  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 178,600,000   | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 13,600,000    | 0.00 Member  | Buy  |
| 12:46:18        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 12,400,000    | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 12,300,000    | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 5,900,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 7,500,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 7,000,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |  |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Buy  |

| Matched<br>Time | Contract Details |               | ontract Details Strike Call/ Product<br>Put |  | No<br>of Trades | Nominal | Trade<br>Type | Buy/<br>Sell |      |
|-----------------|------------------|---------------|---|--|-----------------|---------|---------------|--------------|------|
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,600,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 4,000,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,800,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,800,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 6,700,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 6,200,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 6,200,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 2,500,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 2,500,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,600,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,600,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,500,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 4,900,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 5,900,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,500,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,000,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 12,300,000    | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 4,900,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 6,700,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,500,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 12,300,000    | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,500,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,500,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 2,300,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,500,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 4,000,000     | 0.00 Member  | Sell |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,600,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 12,300,000    | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 7,900,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 2,300,000     | 0.00 Member  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |   |  | Bond Future     | 1       | 3,500,000     | 0.00 Member  | Buy  |

| Matched<br>Time | Contract Details |               | Strike | t Details Strike Call/ Product Put | No<br>of Trades | Nominal | Trade<br>Type | Buy/<br>Sell |      |
|-----------------|------------------|---------------|--------|------------------------------------|-----------------|---------|---------------|--------------|------|
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 5,900,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 7,000,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 2,500,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 3,500,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 4,000,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 6,700,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 6,200,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 3,800,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 2,300,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 7,900,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 3,600,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 7,900,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 4,900,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 7,600,000     | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 12,300,000    | 0.00 Client  | Buy  |
| 12:46:19        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 12,300,000    | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,400,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,800,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 500,000       | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,200,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 2,300,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,200,000     | 0.00 Member  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,400,000     | 0.00 Member  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,200,000     | 0.00 Member  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,400,000     | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,400,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,400,000     | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,200,000     | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,200,000     | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,700,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 700,000       | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 700,000       | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 2,100,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,800,000     | 0.00 Client  | Buy  |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 1,900,000     | 0.00 Member  | Sell |
| 12:46:20        | R186             | On 01/08/2019 |        |                                    | Bond Future     | 1       | 2,100,000     | 0.00 Member  | Sell |

| Matched<br>Time | Contract Details |               | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal   | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------------|---------------|--------|--------------|-------------|-----------------|-----------|---------------|--------------|
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 600,000   | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 500,000   | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,700,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,700,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,500,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,500,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,100,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,900,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,200,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,200,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,400,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,400,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,400,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,800,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 800,000   | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 700,000   | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 300,000   | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 600,000   | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 500,000   | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 300,000   | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 800,000   | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,200,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,100,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,900,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,300,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,100,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,100,000 | 0.00 Member   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,800,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,800,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 2,300,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,500,000 | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,200,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 300,000   | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 1,400,000 | 0.00 Client   | Buy          |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 600,000   | 0.00 Member   | Sell         |
| 12:46:20        | R186             | On 01/08/2019 |        |              | Bond Future | 1               | 800,000   | 0.00 Client   | Buy          |

| Matched<br>Time            | Contract Details |               |  | strike Call/ Product<br>Put | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|----------------------------|------------------|---------------|--|-----------------------------|-----------------|---------------|---------------|--------------|
| 12:46:20                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 1,800,000     | 0.00 Member   | Buy          |
| 12:46:21                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 200,000       | 0.00 Client   | Buy          |
| 12:46:21                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 200,000       | 0.00 Member   | Sell         |
| 16:14:23                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,000,000    | 0.00 Member   | Buy          |
| 16:14:23                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 15,000,000    | 0.00 Member   | Sell         |
| 16:39:45                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 4,800,000     | 0.00 Member   | Buy          |
| 16:39:45                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 30,900,000    | 0.00 Member   | Sell         |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 7,800,000     | 0.00 Member   | Sell         |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 4,800,000     | 0.00 Client   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 5,600,000     | 0.00 Client   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 7,800,000     | 0.00 Client   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 7,800,000     | 0.00 Member   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,700,000    | 0.00 Member   | Sell         |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 5,600,000     | 0.00 Member   | Sell         |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 5,600,000     | 0.00 Member   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,700,000    | 0.00 Member   | Buy          |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 4,800,000     | 0.00 Member   | Sell         |
| 16:49:03                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,700,000    | 0.00 Client   | Buy          |
| 17:03:29                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 3,000,000     | 0.00 Client   | Buy          |
| 17:03:29                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,000,000    | 0.00 Member   | Sell         |
| 17:03:29                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 3,000,000     | 0.00 Member   | Sell         |
| 17:03:29                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 12,000,000    | 0.00 Client   | Buy          |
| 17:03:29                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 3,000,000     | 0.00 Member   | Buy          |
| 17:04:27                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 15,000,000    | 0.00 Member   | Buy          |
| 17:04:28                   | R186             | On 01/08/2019 |  | Bond Future                 | 1               | 15,000,000    | 0.00 Member   | Sell         |
| Total for R18              | 36 Bond Future   |               |  |                             | 175             | 2,875,600,000 | 0.00          |              |
| 12:44:07                   | R202             | On 01/08/2019 |  | Bond Future                 | 1               | 1,000,000     | 0.00 Member   | Sell         |
| 12:44:07                   | R202             | On 01/08/2019 |  | Bond Future                 | 1               | 1,000,000     | 0.00 Client   | Buy          |
| Total for R202 Bond Future |                  |               |  | 2                           | 2,000,000       | 0.00          |               |              |
| 16:39:45                   | R2023            | On 01/08/2019 |  | Bond Future                 | 1               | 59,100,000    | 0.00 Member   | Buy          |
| 16:39:45                   | R2023            | On 01/08/2019 |  | Bond Future                 | 1               | 106,400,000   | 0.00 Member   | Sell         |

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| Matched<br>Time | Contract I      | <b>Details</b> | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|-----------------|----------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Sell         |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 14,200,000  | 0.00 Member   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Sell         |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 800,000     | 0.00 Client   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 30,000,000  | 0.00 Member   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000   | 0.00 Client   | Buy          |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 30,000,000  | 0.00 Member   | Sell         |
| 16:48:00        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 30,000,000  | 0.00 Client   | Buy          |
| 16:48:01        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 14,200,000  | 0.00 Client   | Buy          |
| 16:48:01        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 14,200,000  | 0.00 Member   | Sell         |
| 16:48:01        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 59,100,000  | 0.00 Member   | Sell         |
| 16:48:01        | R2023           | On 01/08/2019  |                     | Bond Future | 1               | 59,100,000  | 0.00 Client   | Buy          |
| Total for R20   | )23 Bond Future |                |                     |             | 19              | 425,600,000 | 0.00          |              |
| 9:38:36         | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 4,500,000   | 0.00 Member   | Buy          |
| 9:38:36         | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 13,400,000  | 0.00 Member   | Sell         |
| 11:05:05        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 43,900,000  | 0.00 Member   | Sell         |
| 11:05:05        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 5,500,000   | 0.00 Member   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 600,000     | 0.00 Member   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 16,300,000  | 0.00 Member   | Sell         |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 5,500,000   | 0.00 Client   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 21,200,000  | 0.00 Member   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 16,300,000  | 0.00 Member   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 5,500,000   | 0.00 Member   | Sell         |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 600,000     | 0.00 Client   | Buy          |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 600,000     | 0.00 Member   | Sell         |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 21,200,000  | 0.00 Member   | Sell         |
| 11:14:33        | R2030           | On 01/08/2019  |                     | Bond Future | 1               | 300,000     | 0.00 Client   | Buy          |
|                 |                 |                |                     |             |                 |             |               |              |

| Matched<br>Time             | Contract Details |               | Strike | Call/ Product<br>Put | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------------------|------------------|---------------|--------|----------------------|-----------------|-------------|---------------|--------------|
| 11:14:33                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 21,200,000  | 0.00 Client   | Buy          |
| 11:14:33                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 16,300,000  | 0.00 Client   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 7,000,000   | 0.00 Member   | Sell         |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 1,900,000   | 0.00 Member   | Sell         |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 7,000,000   | 0.00 Member   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 1,900,000   | 0.00 Member   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 7,000,000   | 0.00 Client   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 4,500,000   | 0.00 Client   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 1,900,000   | 0.00 Client   | Buy          |
| 12:40:44                    | R2030            | On 01/08/2019 |        | Bond Future          | 1               | 4,500,000   | 0.00 Member   | Sell         |
| Total for R20               | 30 Bond Future   |               |        |                      | 26              | 229,200,000 | 0.00          |              |
| 10:11:00                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 206,000,000 | 0.00 Member   | Sell         |
| 10:11:00                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 1,000,000   | 0.00 Member   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 32,000,000  | 0.00 Member   | Sell         |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 19,000,000  | 0.00 Client   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 1,000,000   | 0.00 Client   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 4,000,000   | 0.00 Client   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 32,000,000  | 0.00 Client   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 19,000,000  | 0.00 Member   | Sell         |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 19,000,000  | 0.00 Member   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 150,000,000 | 0.00 Member   | Sell         |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 150,000,000 | 0.00 Client   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 150,000,000 | 0.00 Member   | Buy          |
| 10:35:36                    | R2040            | On 01/08/2019 |        | Bond Future          | 1               | 32,000,000  | 0.00 Member   | Buy          |
| Total for R2040 Bond Future |                  |               |        |                      | 16              | 824,000,000 | 0.00          |              |
| 16:06:53                    | R2044            | On 01/08/2019 |        | Bond Future          | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 16:06:53                    | R2044            | On 01/08/2019 |        | Bond Future          | 1               | 1,100,000   | 0.00 Member   | Sell         |
| 16:11:19                    | R2044            | On 01/08/2019 |        | Bond Future          | 1               | 1,100,000   | 0.00 Member   | Buy          |

| Matched<br>Time | Contract D         | <b>Details</b> | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|--------------------|----------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 16:11:19        | R2044              | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| 16:14:04        | R2044              | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000     | 0.00 Client   | Buy          |
| 16:14:04        | R2044              | On 01/08/2019  |                     | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| Total for R20   | 044 Bond Future    |                |                     |             | 6               | 6,600,000     | 0.00          |              |
| 11:00:38        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 14,700,000    | 0.00 Member   | Buy          |
| 11:00:38        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 22,800,000    | 0.00 Member   | Sell         |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 5,900,000     | 0.00 Member   | Sell         |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 2,200,000     | 0.00 Client   | Buy          |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 14,700,000    | 0.00 Member   | Sell         |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 5,900,000     | 0.00 Member   | Buy          |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 2,200,000     | 0.00 Member   | Buy          |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 14,700,000    | 0.00 Client   | Buy          |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 2,200,000     | 0.00 Member   | Sell         |
| 12:01:55        | R2048              | On 01/08/2019  |                     | Bond Future | 1               | 5,900,000     | 0.00 Client   | Buy          |
| Total for R20   | )48 Bond Future    |                |                     |             | 10              | 91,200,000    | 0.00          |              |
| 16:41:13        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 11,800,000    | 0.00 Member   | Buy          |
| 16:41:13        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 7,600,000     | 0.00 Member   | Sell         |
| 16:50:23        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 4,200,000     | 0.00 Member   | Sell         |
| 16:50:23        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 4,200,000     | 0.00 Member   | Buy          |
| 16:50:23        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 7,600,000     | 0.00 Member   | Buy          |
| 16:50:23        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 4,200,000     | 0.00 Client   | Sell         |
| 16:50:23        | R214               | On 01/08/2019  |                     | Bond Future | 1               | 7,600,000     | 0.00 Client   | Sell         |
| Total for R21   | I4 Bond Future     |                |                     |             | 7               | 47,200,000    | 0.00          |              |
| Grand Tota      | ıl for all Instrum | ents           |                     |             | 267             | 4,501,540,000 | 0.00          |              |