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**INTEREST RATE AND CURRENCY DERIVATIVES** 

**DERIVATIVES MATCHED TRADES REPORT** 

REPORT FOR 21/11/2017

Johannesburg Stock Exchange

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Registration number: 2005/022939/06

VAT number: 4080119391

| Matched<br>Time | Contract l     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|------------|---------------|--------------|
| 16:27:23        | 12050          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000  | 0.00 Member   | Buy          |
| 16:27:23        | 12050          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000  | 0.00 Member   | Sell         |
| 17:09:52        | 12050          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000  | 0.00 Member   | Sell         |
| 17:09:52        | 12050          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000  | 0.00 Client   | Buy          |
| Total for I205  | 50 Bond Future |               |                     |             | 4               | 28,000,000 | 0.00          |              |
| 10:15:02        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 11,200,000 | 0.00 Member   | Sell         |
| 10:15:02        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 2,700,000  | 0.00 Member   | Buy          |
| 10:37:41        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 28,100,000 | 0.00 Member   | Sell         |
| 10:37:41        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 28,100,000 | 0.00 Member   | Buy          |
| 10:51:46        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 8,500,000  | 0.00 Member   | Sell         |
| 10:51:46        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 8,500,000  | 0.00 Client   | Buy          |
| 10:51:46        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 2,700,000  | 0.00 Client   | Buy          |
| 10:51:46        | R186           | On 01/02/2018 |                     | Bond Future | 1               | 8,500,000  | 0.00 Member   | Buy          |

| Matched<br>Time | Contract I | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|---------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 10:51:46        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 2,700,000   | 0.00 Member   | Sell         |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 6,300,000   | 0.00 Member   | Sell         |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 10,400,000  | 0.00 Client   | Buy          |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 10,400,000  | 0.00 Member   | Sell         |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 11,400,000  | 0.00 Member   | Sell         |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 6,300,000   | 0.00 Client   | Buy          |
| 11:11:16        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 11,400,000  | 0.00 Client   | Buy          |
| 11:16:44        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 126,600,000 | 0.00 Member   | Sell         |
| 11:16:44        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Member   | Buy          |
| 11:26:31        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Member   | Sell         |
| 11:26:31        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Member   | Buy          |
| 11:26:31        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Client   | Buy          |
| 11:26:31        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Member   | Sell         |
| 11:26:31        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Client   | Buy          |
| 11:35:47        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 6,100,000   | 0.00 Member   | Sell         |
| 11:35:47        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 4,400,000   | 0.00 Member   | Buy          |
| 12:40:05        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 12:40:05        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 12:51:14        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 12:51:14        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Client   | Buy          |
| 12:54:45        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 126,600,000 | 0.00 Member   | Sell         |
| 12:54:45        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Member   | Buy          |
| 13:39:48        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 13:39:48        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 1,000,000   | 0.00 Client   | Buy          |
| 14:28:24        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Client   | Buy          |
| 14:28:24        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Member   | Sell         |
| 14:28:24        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Member   | Sell         |
| 14:28:24        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 20,900,000  | 0.00 Member   | Buy          |
| 14:28:24        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 105,700,000 | 0.00 Client   | Buy          |
| 15:33:36        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 1,700,000   | 0.00 Client   | Buy          |
| 15:33:36        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 1,700,000   | 0.00 Member   | Buy          |
| 15:33:36        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 1,700,000   | 0.00 Member   | Sell         |
| 15:33:37        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 4,400,000   | 0.00 Client   | Buy          |
| 15:33:37        | R186       | On 01/02/2018 |        |              | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 17:03:24        | R186       | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000   | 0.00 Member   | Buy          |
| 17:03:24        | R186       | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000   | 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 |
|-----------------|----------|---------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 17:03:24        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 112,000,000 | 0.00 Member   | Sell         |
| 17:03:24        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 112,000,000 | 0.00 Member   | Buy          |
| 17:24:09        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 110,800,000 | 0.00 Member   | Buy          |
| 17:24:18        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 110,800,000 | 0.00 Member   | Sell         |
| 17:24:35        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 110,800,000 | 0.00 Member   | Buy          |
| 17:24:35        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,400,000   | 0.00 Member   | Sell         |
| 17:24:59        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 110,800,000 | 0.00 Member   | Sell         |
| 17:24:59        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,400,000   | 0.00 Member   | Buy          |
| 17:25:18        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 17:25:18        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 17:25:38        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000   | 0.00 Member   | Buy          |
| 17:25:38        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000   | 0.00 Client   | Sell         |
| 17:32:43        | R186     | On 01/02/2018 |        |              | Bond Future | 1               | 1,000,000   | 0.00 Member   | Buy          |
| 17:32:43        | R186     | On 01/02/2018 |        |              | Bond Future | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000     | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,300,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,300,000   | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 10,600,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000     | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,600,000   | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,900,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,900,000   | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 2,700,000   | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 700,000     | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 700,000     | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 6,200,000   | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 2,700,000   | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000     | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000     | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 6,200,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,300,000   | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,600,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,300,000   | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,400,000   | 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 |
|-----------------|----------|---------------|--------|--------------|-------------|-----------------|------------|---------------|--------------|
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 700,000    | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,600,000  | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 27,400,000 | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,800,000  | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 16,500,000 | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 17,400,000 | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 16,500,000 | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,300,000  | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,400,000  | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 17,400,000 | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 10,600,000 | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000    | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 400,000    | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 10,600,000 | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 2,700,000  | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 600,000    | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 6,200,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,800,000  | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000  | 0.00 Client   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 16,500,000 | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,300,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 17,400,000 | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 27,400,000 | 0.00 Member   | Sell         |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 27,400,000 | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 1,900,000  | 0.00 Member   | Buy          |
| 17:47:27        | R186     | On 03/05/2018 | 9.30   | Call         | Bond Future | 1               | 9,800,000  | 0.00 Member   | Buy          |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,300,000  | 0.00 Client   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 17,400,000 | 0.00 Member   | Buy          |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 400,000    | 0.00 Client   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |

| Matched<br>Time | Contract | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|--------|--------------|-------------|-----------------|------------|---------------|--------------|
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 17,400,000 | 0.00 Member   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,300,000  | 0.00 Member   | Buy          |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 17,400,000 | 0.00 Client   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 6,200,000  | 0.00 Member   | Buy          |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 6,200,000  | 0.00 Member   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,300,000  | 0.00 Member   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 6,200,000  | 0.00 Client   | Sell         |
| 17:52:12        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,900,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,600,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 700,000    | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 10,600,000 | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,800,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 600,000    | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,400,000  | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 600,000    | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 10,600,000 | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,400,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,300,000  | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,300,000  | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 16,500,000 | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 10,600,000 | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 27,400,000 | 0.00 Client   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,900,000  | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,800,000  | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 600,000    | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 600,000    | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 1,600,000  | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 27,400,000 | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 9,800,000  | 0.00 Member   | Sell         |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 700,000    | 0.00 Member   | Buy          |
| 17:52:13        | R186     | On 03/05/2018 | 10.14  | Put          | Bond Future | 1               | 700,000    | 0.00 Member   | Sell         |

| Matched<br>Time | Contract [    | <b>Details</b> | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|---------------|----------------|--------|--------------|-------------|-----------------|---------------|---------------|--------------|
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 600,000       | 0.00 Member   | Buy          |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 1,900,000     | 0.00 Member   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 2,700,000     | 0.00 Member   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 1,300,000     | 0.00 Member   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 16,500,000    | 0.00 Member   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 16,500,000    | 0.00 Client   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 600,000       | 0.00 Client   | Sell         |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 2,700,000     | 0.00 Member   | Buy          |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 1,600,000     | 0.00 Member   | Buy          |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 1,200,000     | 0.00 Member   | Buy          |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 27,400,000    | 0.00 Member   | Buy          |
| 17:52:13        | R186          | On 03/05/2018  | 10.14  | Put          | Bond Future | 1               | 2,700,000     | 0.00 Client   | Sell         |
| Total for R18   | 6 Bond Future |                |        |              |             | 164             | 2,557,600,000 | 0.00          |              |
| 16:27:23        | R202          | On 01/02/2018  |        |              | Bond Future | 1               | 1,300,000     | 0.00 Member   | Buy          |
| 16:27:23        | R202          | On 01/02/2018  |        |              | Bond Future | 1               | 1,300,000     | 0.00 Member   | Sell         |
| 17:09:23        | R202          | On 01/02/2018  |        |              | Bond Future | 1               | 1,300,000     | 0.00 Member   | Sell         |
| 17:09:23        | R202          | On 01/02/2018  |        |              | Bond Future | 1               | 1,300,000     | 0.00 Client   | Buy          |
| Total for R20   | 2 Bond Future |                |        |              |             | 4               | 5,200,000     | 0.00          |              |
| 11:16:44        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 57,000,000    | 0.00 Member   | Sell         |
| 11:16:44        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 47,100,000    | 0.00 Member   | Buy          |
| 11:30:31        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Client   | Buy          |
| 11:30:31        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 47,100,000    | 0.00 Member   | Sell         |
| 11:30:31        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 47,100,000    | 0.00 Client   | Buy          |
| 11:30:31        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Member   | Sell         |
| 11:30:31        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Member   | Buy          |
| 12:54:45        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 57,000,000    | 0.00 Member   | Sell         |
| 12:54:45        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 47,100,000    | 0.00 Member   | Buy          |
| 14:23:17        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 47,100,000    | 0.00 Client   | Buy          |
| 14:23:17        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Client   | Buy          |
| 14:23:17        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Member   | Sell         |
| 14:23:17        | R2030         | On 01/02/2018  |        |              | Bond Future | 1               | 9,900,000     | 0.00 Member   | Buy          |

| Matched<br>Fime | Contract D     | etails        | Strike Ca |             | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|-----------|-------------|-----------------|-------------|---------------|--------------|
| 14:23:17        | R2030          | On 01/02/2018 |           | Bond Future | 1               | 47,100,000  | 0.00 Member   | Sell         |
| Total for R20   | 30 Bond Future |               |           |             | 14              | 456,000,000 | 0.00          |              |
| 17:32:58        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 7,200,000   | 0.00 Member   | Buy          |
| 17:32:58        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 4,600,000   | 0.00 Member   | Sell         |
| 17:52:10        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 4,600,000   | 0.00 Member   | Buy          |
| 17:52:10        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 4,600,000   | 0.00 Client   | Sell         |
| 17:52:10        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 2,600,000   | 0.00 Member   | Buy          |
| 17:52:10        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 2,600,000   | 0.00 Member   | Sell         |
| 17:52:10        | R2032          | On 01/02/2018 |           | Bond Future | 1               | 2,600,000   | 0.00 Client   | Sell         |
| otal for R20    | 32 Bond Future |               |           |             | 7               | 28,800,000  | 0.00          |              |
| 10:15:02        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 12,900,000  | 0.00 Member   | Sell         |
| 10:15:02        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 3,200,000   | 0.00 Member   | Buy          |
| 10:48:00        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 9,700,000   | 0.00 Member   | Buy          |
| 0:48:00         | R2037          | On 01/02/2018 |           | Bond Future | 1               | 9,700,000   | 0.00 Client   | Buy          |
| 10:48:00        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 9,700,000   | 0.00 Member   | Sell         |
| 10:48:01        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 3,200,000   | 0.00 Member   | Sell         |
| 10:48:01        | R2037          | On 01/02/2018 |           | Bond Future | 1               | 3,200,000   | 0.00 Client   | Buy          |
| otal for R20    | 37 Bond Future |               |           |             | 7               | 51,600,000  | 0.00          |              |
| 10:23:19        | R2040          | On 01/02/2018 |           | Bond Future | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 0:23:19         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 1,000,000   | 0.00 Member   | Buy          |
| 10:57:08        | R2040          | On 01/02/2018 |           | Bond Future | 1               | 1,000,000   | 0.00 Client   | Buy          |
| 10:57:08        | R2040          | On 01/02/2018 |           | Bond Future | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 1:16:44         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 57,000,000  | 0.00 Member   | Sell         |
| 1:16:44         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 47,100,000  | 0.00 Member   | Buy          |
| 1:29:28         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 9,900,000   | 0.00 Member   | Sell         |
| 1:29:28         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 9,900,000   | 0.00 Client   | Buy          |
| 1:29:28         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 47,100,000  | 0.00 Member   | Sell         |
| 1:29:28         | R2040          | On 01/02/2018 |           | Bond Future | 1               | 9,900,000   | 0.00 Member   | Buy          |
| 11:29:28        | R2040          | On 01/02/2018 |           | Bond Future | 1               | 47,100,000  | 0.00 Client   | Buy          |

| Matched<br>Time | Contract D      | <b>Details</b> | Strike Ca<br>Pu |             | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|-----------------|----------------|-----------------|-------------|-----------------|-------------|---------------|--------------|
| 12:54:45        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 57,000,000  | 0.00 Member   | Sell         |
| 12:54:45        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 47,100,000  | 0.00 Member   | Buy          |
| 14:25:24        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 9,900,000   | 0.00 Member   | Buy          |
| 14:25:24        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 9,900,000   | 0.00 Client   | Buy          |
| 14:25:24        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 47,100,000  | 0.00 Client   | Buy          |
| 14:25:24        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 9,900,000   | 0.00 Member   | Sell         |
| 14:25:24        | R2040           | On 01/02/2018  |                 | Bond Future | 1               | 47,100,000  | 0.00 Member   | Sell         |
| Total for R20   | 040 Bond Future |                |                 |             | 18              | 460,000,000 | 0.00          |              |
| 10:15:02        | R2044           | On 01/02/2018  |                 | Bond Future | 1               | 48,200,000  | 0.00 Member   | Sell         |
| 10:15:02        | R2044           | On 01/02/2018  |                 | Bond Future | 1               | 48,200,000  | 0.00 Member   | Buy          |
| 10:48:40        | R2044           | On 01/02/2018  |                 | Bond Future | 1               | 48,200,000  | 0.00 Member   | Sell         |
| 10:48:40        | R2044           | On 01/02/2018  |                 | Bond Future | 1               | 48,200,000  | 0.00 Client   | Buy          |
| Total for R20   | )44 Bond Future |                |                 |             | 4               | 192,800,000 | 0.00          |              |
| 10:15:02        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 28,500,000  | 0.00 Member   | Sell         |
| 10:15:02        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 3,000,000   | 0.00 Member   | Buy          |
| 10:50:37        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 10,900,000  | 0.00 Member   | Sell         |
| 10:50:37        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 10,900,000  | 0.00 Member   | Buy          |
| 10:50:37        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 8,300,000   | 0.00 Member   | Buy          |
| 0:50:37         | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 8,300,000   | 0.00 Client   | Buy          |
| 10:50:37        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 10,900,000  | 0.00 Client   | Buy          |
| 10:50:37        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 8,300,000   | 0.00 Member   | Sell         |
| 10:50:38        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 3,000,000   | 0.00 Client   | Buy          |
| 10:50:38        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 5,500,000   | 0.00 Member   | Sell         |
| 10:50:38        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 3,000,000   | 0.00 Member   | Sell         |
| 10:50:38        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 800,000     | 0.00 Member   | Sell         |
| 10:50:38        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 800,000     | 0.00 Member   | Buy          |
| 0:50:38         | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 800,000     | 0.00 Client   | Buy          |
| 0:50:38         | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 5,500,000   | 0.00 Client   | Buy          |
| 0:50:38         | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 5,500,000   | 0.00 Member   | Buy          |
| 1:16:44         | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 59,500,000  | 0.00 Member   | Sell         |
| 11:16:44        | R2048           | On 01/02/2018  |                 | Bond Future | 1               | 49,100,000  | 0.00 Member   | Buy          |

| Matched<br>Time | Contract D     | etails        | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 11:27:32        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Client   | Buy          |
| 11:27:32        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Member   | Sell         |
| 11:27:32        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 49,100,000    | 0.00 Client   | Buy          |
| 11:27:32        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Member   | Buy          |
| 11:27:32        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 49,100,000    | 0.00 Member   | Sell         |
| 11:39:28        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 162,900,000   | 0.00 Member   | Buy          |
| 11:39:28        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 162,900,000   | 0.00 Member   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 162,900,000   | 0.00 Member   | Buy          |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 1,200,000     | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 50,000,000    | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000     | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 43,300,000    | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 2,400,000     | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 20,000,000    | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 2,500,000     | 0.00 Client   | Sell         |
| 1:46:39         | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 7,000,000     | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 13,000,000    | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 500,000       | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,000,000    | 0.00 Client   | Sell         |
| 11:46:39        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 6,000,000     | 0.00 Client   | Sell         |
| 2:54:45         | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 59,500,000    | 0.00 Member   | Sell         |
| 12:54:45        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 49,100,000    | 0.00 Member   | Buy          |
| 14:27:08        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 49,100,000    | 0.00 Client   | Buy          |
| 14:27:08        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Member   | Sell         |
| 14:27:08        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Client   | Buy          |
| 14:27:08        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 49,100,000    | 0.00 Member   | Sell         |
| 14:27:08        | R2048          | On 01/02/2018 |                     | Bond Future | 1               | 10,400,000    | 0.00 Member   | Buy          |
| otal for R20    | 48 Bond Future |               |                     |             | 45              | 1,241,600,000 | 0.00          |              |
| 8:34:51         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 11,700,000    | 0.00 Member   | Buy          |
| 8:34:51         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 552,600,000   | 0.00 Member   | Sell         |
| 0:15:02         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 255,000,000   | 0.00 Member   | Sell         |
| 0:15:02         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 4,300,000     | 0.00 Member   | Buy          |
| 0:55:52         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 8,600,000     | 0.00 Member   | Sell         |
| 0:55:52         | R207           | On 01/02/2018 |                     | Bond Future | 1               | 14,000,000    | 0.00 Client   | Buy          |

| Matched<br>Time | Contract | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 18,700,000  | 0.00 Member   | Sell         |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 53,400,000  | 0.00 Member   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 8,600,000   | 0.00 Member   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 14,000,000  | 0.00 Member   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 18,700,000  | 0.00 Member   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 53,400,000  | 0.00 Member   | Sell         |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 8,600,000   | 0.00 Client   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 18,700,000  | 0.00 Client   | Buy          |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 14,000,000  | 0.00 Member   | Sell         |
| 10:55:52        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 53,400,000  | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 1,300,000   | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 139,000,000 | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 900,000     | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 900,000     | 0.00 Member   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 4,300,000   | 0.00 Member   | Sell         |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 4,300,000   | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 14,800,000  | 0.00 Member   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 14,800,000  | 0.00 Client   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 1,300,000   | 0.00 Member   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 139,000,000 | 0.00 Member   | Buy          |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 1,300,000   | 0.00 Member   | Sell         |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 900,000     | 0.00 Member   | Sell         |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 139,000,000 | 0.00 Member   | Sell         |
| 10:55:53        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 14,800,000  | 0.00 Member   | Sell         |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 13,700,000  | 0.00 Client   | Buy          |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 13,700,000  | 0.00 Member   | Sell         |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 13,700,000  | 0.00 Member   | Buy          |
| 17:14:18        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 5,000,000   | 0.00 Client   | Buy          |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 22,300,000  | 0.00 Member   | Sell         |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 11,700,000  | 0.00 Client   | Buy          |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 98,200,000  | 0.00 Member   | Buy          |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 214,100,000 | 0.00 Client   | Buy          |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 86,800,000  | 0.00 Client   | Buy          |
| 17:14:19        | R207     | On 01/02/2018 |        |              | Bond Future | 1               | 100,800,000 | 0.00 Client   | Buy          |

| Matched<br>Time | Contract       | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|---------------|---------------|-------------|
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 98,200,000    | 0.00 Client   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 11,700,000    | 0.00 Member   | Sell        |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 214,100,000   | 0.00 Member   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 22,300,000    | 0.00 Client   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 22,300,000    | 0.00 Member   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 214,100,000   | 0.00 Member   | Sell        |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 98,200,000    | 0.00 Member   | Sell        |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 100,800,000   | 0.00 Member   | Sell        |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 100,800,000   | 0.00 Member   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 86,800,000    | 0.00 Member   | Buy         |
| 17:14:19        | R207           | On 01/02/2018 |                     | Bond Future | 1               | 86,800,000    | 0.00 Member   | Sell        |
| Total for R20   | 07 Bond Future |               |                     |             | 53              | 3,230,400,000 | 0.00          |             |
| 16:27:23        | R208           | On 01/02/2018 |                     | Bond Future | 1               | 5,400,000     | 0.00 Member   | Buy         |
| 16:27:23        | R208           | On 01/02/2018 |                     | Bond Future | 1               | 5,400,000     | 0.00 Member   | Sell        |
| 17:08:58        | R208           | On 01/02/2018 |                     | Bond Future | 1               | 5,400,000     | 0.00 Member   | Sell        |
| 17:08:58        | R208           | On 01/02/2018 |                     | Bond Future | 1               | 5,400,000     | 0.00 Client   | Buy         |
| Total for R20   | 08 Bond Future |               |                     |             | 4               | 21,600,000    | 0.00          |             |
| 9:00:18         | R209           | On 01/02/2018 |                     | Bond Future | 1               | 2,600,000     | 0.00 Client   | Buy         |
| 9:00:18         | R209           | On 01/02/2018 |                     | Bond Future | 1               | 2,600,000     | 0.00 Client   | Sell        |
| 17:09:28        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 10,000,000    | 0.00 Member   | Buy         |
| 17:09:28        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 1,300,000     | 0.00 Member   | Sell        |
| 17:18:21        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 8,700,000     | 0.00 Member   | Sell        |
| 17:18:21        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 1,300,000     | 0.00 Member   | Buy         |
| 17:18:21        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 8,700,000     | 0.00 Client   | Sell        |
| 17:18:21        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 1,300,000     | 0.00 Client   | Sell        |
| 17:18:21        | R209           | On 01/02/2018 |                     | Bond Future | 1               | 8,700,000     | 0.00 Member   | Buy         |
| Total for R20   | 9 Bond Future  |               |                     |             | 9               | 45,200,000    | 0.00          |             |
| 8:34:51         | R213           | On 01/02/2018 |                     | Bond Future | 1               | 4,700,000     | 0.00 Member   | Buy         |
| 8:34:51         | R213           | On 01/02/2018 |                     | Bond Future | 1               | 4,700,000     | 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 |
|-----------------|--------------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 16:27:23        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,600,000     | 0.00 Member   | Buy          |
| 16:27:23        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,600,000     | 0.00 Member   | Sell         |
| 17:08:33        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,700,000     | 0.00 Member   | Sell         |
| 17:08:33        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,700,000     | 0.00 Client   | Buy          |
| 17:08:40        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,600,000     | 0.00 Client   | Buy          |
| 17:08:40        | R213               | On 01/02/2018 |                     | Bond Future | 1               | 4,600,000     | 0.00 Member   | Sell         |
| Total for R21   | 13 Bond Future     |               |                     |             | 8               | 37,200,000    | 0.00          |              |
| 10:15:02        | R214               | On 01/02/2018 |                     | Bond Future | 1               | 800,000       | 0.00 Member   | Sell         |
| 10:15:02        | R214               | On 01/02/2018 |                     | Bond Future | 1               | 800,000       | 0.00 Member   | Buy          |
| 10:56:28        | R214               | On 01/02/2018 |                     | Bond Future | 1               | 800,000       | 0.00 Member   | Sell         |
| 10:56:28        | R214               | On 01/02/2018 |                     | Bond Future | 1               | 800,000       | 0.00 Client   | Buy          |
| Total for R21   | I4 Bond Future     |               |                     |             | 4               | 3,200,000     | 0.00          |              |
| Grand Tota      | ıl for all Instrum | nents         |                     |             | 345             | 8,359,200,000 | 0.00          |              |