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Johannesburg Stock Exchange

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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 |
|-----------------|----------|---------------|--------|--------------|--------------|-----------------|---------|---------------|--------------|
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Member   | Sell         |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 10,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Client   | Buy          |
| 15:53:44        | AL37     | On 04/08/2016 |        |              | Index Future | 1               | 20,000  | 0.00 Member   | Sell         |

## INTEREST RATE AND CURRENCY DERIVATIVES

### DERIVATIVES MATCHED TRADES REPORT

#### REPORT FOR 28/04/2016

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| Matched<br>Time | Contract        | Details       | all/ Product<br>ut | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|-----------------|---------------|--------------------|-----------------|-------------|---------------|--------------|
| Total for AL3   | 37 Index Future |               |                    | 16              | 260,000     | 0.00          |              |
| 9:13:25         | ALBI            | On 04/08/2016 | Index Future       | 1               | 340,000     | 0.00 Member   | Sell         |
| 9:13:25         | ALBI            | On 04/08/2016 | Index Future       | 1               | 340,000     | 0.00 Member   | Buy          |
| 9:31:42         | ALBI            | On 04/08/2016 | Index Future       | 1               | 340,000     | 0.00 Member   | Buy          |
| 9:31:42         | ALBI            | On 04/08/2016 | Index Future       | 1               | 340,000     | 0.00 Client   | Sell         |
| 15:43:15        | ALBI            | On 04/08/2016 | Index Future       | 1               | 1,330,000   | 0.00 Client   | Sell         |
| 15:43:15        | ALBI            | On 05/05/2016 | Index Future       | 1               | 1,330,000   | 0.00 Client   | Buy          |
| 15:43:15        | ALBI            | On 05/05/2016 | Index Future       | 1               | 1,330,000   | 0.00 Member   | Sell         |
| 15:43:15        | ALBI            | On 04/08/2016 | Index Future       | 1               | 1,330,000   | 0.00 Member   | Buy          |
| 16:19:16        | ALBI            | On 05/05/2016 | Index Future       | 1               | 1,330,000   | 0.00 Member   | Buy          |
| 16:19:16        | ALBI            | On 05/05/2016 | Index Future       | 1               | 1,330,000   | 0.00 Client   | Sell         |
| 16:19:38        | ALBI            | On 04/08/2016 | Index Future       | 1               | 1,330,000   | 0.00 Member   | Sell         |
| 16:19:38        | ALBI            | On 04/08/2016 | Index Future       | 1               | 1,330,000   | 0.00 Client   | Buy          |
| Total for ALE   | BI Index Future |               |                    | 12              | 12,000,000  | 0.00          |              |
| 9:34:20         | ES33            | On 05/05/2016 | Bond Future        | 1               | 677,600,000 | 0.00 Member   | Buy          |
| 9:34:20         | ES33            | On 04/08/2016 | Bond Future        | 1               | 677,600,000 | 0.00 Member   | Sell         |
| 9:34:20         | ES33            | On 04/08/2016 | Bond Future        | 1               | 7,800,000   | 0.00 Member   | Buy          |
| 9:34:20         | ES33            | On 05/05/2016 | Bond Future        | 1               | 7,800,000   | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 12,700,000  | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 108,000,000 | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 7,300,000   | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 55,500,000  | 0.00 Client   | Buy          |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 7,800,000   | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 800,000     | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 800,000     | 0.00 Client   | Buy          |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 11,100,000  | 0.00 Client   | Buy          |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 89,500,000  | 0.00 Member   | Sell         |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 175,500,000 | 0.00 Client   | Buy          |
| 10:37:35        | ES33            | On 04/08/2016 | Bond Future        | 1               | 175,500,000 | 0.00 Member   | Buy          |
|                 | ES33            | On 04/08/2016 | Bond Future        | 1               | 175,500,000 | 0.00 Member   | Sell         |
| 10:37:35        | L333            | 01104/00/2010 | Donu i uture       | I. I.           | 175,500,000 |               | 001          |

| Matched<br>Time | Contract I | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|---------------|-----------------------------|-----------------|-------------|---------------|--------------|
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 204,400,000 | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 55,500,000  | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 89,500,000  | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 800,000     | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 800,000     | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 12,700,000  | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 108,000,000 | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 200,000     | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 11,100,000  | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 7,800,000   | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 12,700,000  | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 55,500,000  | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 200,000     | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 108,000,000 | 0.00 Client   | Buy          |
| 0:37:35         | ES33       | On 04/08/2016 | Bond Future                 | 1               | 200,000     | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 800,000     | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 4,000,000   | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 204,400,000 | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 11,100,000  | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 800,000     | 0.00 Member   | Sell         |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 89,500,000  | 0.00 Client   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 10:37:35        | ES33       | On 04/08/2016 | Bond Future                 | 1               | 7,300,000   | 0.00 Client   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 7,300,000   | 0.00 Client   | Sell         |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 7,800,000   | 0.00 Client   | Sell         |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 800,000     | 0.00 Client   | Sell         |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 55,500,000  | 0.00 Client   | Sell         |
| 0:39:08         | ES33       | On 05/05/2016 | Bond Future                 | 1               | 4,000,000   | 0.00 Client   | Sell         |
| 0:39:08         | ES33       | On 05/05/2016 | Bond Future                 | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 108,000,000 | 0.00 Member   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 200,000     | 0.00 Member   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 11,100,000  | 0.00 Member   | Buy          |
| 10:39:08        | ES33       | On 05/05/2016 | Bond Future                 | 1               | 200,000     | 0.00 Client   | Sell         |

| Matched<br>Time | Contract | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 11,100,000  | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 800,000     | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 55,500,000  | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 89,500,000  | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 108,000,000 | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 11,100,000  | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 175,500,000 | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 55,500,000  | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 12,700,000  | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 12,700,000  | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 108,000,000 | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 89,500,000  | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 204,400,000 | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 175,500,000 | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 175,500,000 | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 204,400,000 | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 800,000     | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 7,800,000   | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 12,700,000  | 0.00 Client   | Sell         |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 204,400,000 | 0.00 Member   | Buy          |
| 10:39:08        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 89,500,000  | 0.00 Member   | Buy          |
| 12:09:09        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Member   | Buy          |
| 12:09:09        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Member   | Sell         |
| 12:09:09        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 165,000,000 | 0.00 Member   | Buy          |
| 12:09:09        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 165,000,000 | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,700,000   | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Member   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Member   | Sell         |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Client   | Buy          |
| 13:24:49        | ES33     | On 04/08/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Client   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Member   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Member   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 140,600,000 | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Member   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Member   | Buy          |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 8,000,000   | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 5,300,000   | 0.00 Client   | Sell         |
| 13:25:38        | ES33     | On 05/05/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Member   | Buy          |

| Matched<br>Time | Contract I     | Details       | Strike Ca<br>Pu |             | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|-----------------|-------------|-----------------|---------------|---------------|--------------|
| 13:25:38        | ES33           | On 05/05/2016 |                 | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| 13:25:38        | ES33           | On 05/05/2016 |                 | Bond Future | 1               | 4,900,000     | 0.00 Member   | Sell         |
| 13:25:38        | ES33           | On 05/05/2016 |                 | Bond Future | 1               | 2,700,000     | 0.00 Member   | Sell         |
| 13:25:38        | ES33           | On 05/05/2016 |                 | Bond Future | 1               | 1,700,000     | 0.00 Member   | Sell         |
| 13:25:38        | ES33           | On 05/05/2016 |                 | Bond Future | 1               | 4,900,000     | 0.00 Client   | Sell         |
| Total for ES3   | 33 Bond Future |               |                 |             | 130             | 6,740,800,000 | 0.00          |              |
| 12:09:09        | ES42           | On 04/08/2016 |                 | Bond Future | 1               | 1,100,000     | 0.00 Member   | Buy          |
| 12:09:09        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| 12:09:09        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 237,000,000   | 0.00 Member   | Buy          |
| 12:09:09        | ES42           | On 04/08/2016 |                 | Bond Future | 1               | 237,000,000   | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,500,000     | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,500,000     | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 11,400,000    | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,000,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 2,400,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 2,400,000     | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,000,000     | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,800,000     | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,500,000     | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 200,300,000   | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 1,100,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 200,300,000   | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 200,300,000   | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 11,400,000    | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,500,000     | 0.00 Member   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,500,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,800,000     | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,800,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 7,000,000     | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 11,400,000    | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 1,100,000     | 0.00 Member   | Buy          |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 3,500,000     | 0.00 Client   | Sell         |
| 13:26:48        | ES42           | On 05/05/2016 |                 | Bond Future | 1               | 2,400,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                 | Bond Future | 1               | 3,800,000     | 0.00 Client   | Buy          |

| Matched<br>Time | Contract I     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,000,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 3,800,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 200,300,000   | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000     | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,500,000     | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,000,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 3,800,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 3,500,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 200,300,000   | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,000,000     | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 3,500,000     | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 11,400,000    | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,500,000     | 0.00 Member   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 3,500,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000     | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 11,400,000    | 0.00 Client   | Buy          |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 7,500,000     | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 200,300,000   | 0.00 Member   | Sell         |
| 13:28:47        | ES42           | On 04/08/2016 |                     | Bond Future | 1               | 11,400,000    | 0.00 Member   | Sell         |
| Total for ES4   | 12 Bond Future |               |                     |             | 50              | 1,896,000,000 | 0.00          |              |
| 9:34:20         | 12033          | On 05/05/2016 |                     | Bond Future | 1               | 10,300,000    | 0.00 Member   | Buy          |
| 9:34:20         | 12033          | On 04/08/2016 |                     | Bond Future | 1               | 10,300,000    | 0.00 Member   | Sell         |
| 9:34:20         | 12033          | On 04/08/2016 |                     | Bond Future | 1               | 10,300,000    | 0.00 Client   | Buy          |
| 9:34:20         | 12033          | On 05/05/2016 |                     | Bond Future | 1               | 10,300,000    | 0.00 Client   | Sell         |
| Total for I203  | 33 Bond Future |               |                     |             | 4               | 41,200,000    | 0.00          |              |
| 9:34:20         | 12038          | On 04/08/2016 |                     | Bond Future | 1               | 949,000,000   | 0.00 Member   | Sell         |
| 9:34:20         | 12038          | On 05/05/2016 |                     | Bond Future | 1               | 949,000,000   | 0.00 Member   | Buy          |
| 9:34:20         | 12038          | On 05/05/2016 |                     | Bond Future | 1               | 890,000,000   | 0.00 Member   | Sell         |

| Matched<br>Time | Contract I     | Details       | Strike Ca<br>Pu |             | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|-----------------|-------------|-----------------|---------------|---------------|--------------|
| 9:34:20         | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 890,000,000   | 0.00 Member   | Buy          |
| 10:57:05        | 12038          | On 05/05/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Member   | Sell         |
| 10:57:05        | 12038          | On 05/05/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Member   | Buy          |
| 10:57:05        | 12038          | On 05/05/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Client   | Sell         |
| 10:57:05        | 12038          | On 05/05/2016 |                 | Bond Future | 1               | 890,000,000   | 0.00 Client   | Sell         |
| 10:57:05        | 12038          | On 05/05/2016 |                 | Bond Future | 1               | 890,000,000   | 0.00 Member   | Buy          |
| 10:57:23        | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 890,000,000   | 0.00 Client   | Buy          |
| 10:57:23        | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Member   | Sell         |
| 10:57:23        | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Client   | Buy          |
| 10:57:23        | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 59,000,000    | 0.00 Member   | Buy          |
| 10:57:23        | 12038          | On 04/08/2016 |                 | Bond Future | 1               | 890,000,000   | 0.00 Member   | Sell         |
| Total for I203  | 38 Bond Future |               |                 |             | 14              | 7,592,000,000 | 0.00          |              |
| 9:34:20         | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,246,000,000 | 0.00 Member   | Buy          |
| 9:34:20         | 12046          | On 04/08/2016 |                 | Bond Future | 1               | 1,246,000,000 | 0.00 Member   | Sell         |
| 9:34:20         | 12046          | On 04/08/2016 |                 | Bond Future | 1               | 1,400,000     | 0.00 Member   | Buy          |
| 9:34:20         | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,400,000     | 0.00 Member   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 768,100,000   | 0.00 Member   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,800,000     | 0.00 Member   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,800,000     | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 232,800,000   | 0.00 Member   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 224,800,000   | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 4,000,000     | 0.00 Member   | Buy          |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,800,000     | 0.00 Member   | Buy          |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 232,800,000   | 0.00 Member   | Buy          |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 9,900,000     | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 4,000,000     | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 500,000       | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 900,000       | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 232,800,000   | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 900,000       | 0.00 Member   | Buy          |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 768,100,000   | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,400,000     | 0.00 Member   | Buy          |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 1,400,000     | 0.00 Client   | Sell         |
| 10:54:34        | 12046          | On 05/05/2016 |                 | Bond Future | 1               | 9,900,000     | 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 |
|-----------------|------------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Member   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 768,100,000 | 0.00 Member   | Buy          |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Member   | Buy          |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Client   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Member   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Member   | Buy          |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 900,000     | 0.00 Member   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 224,800,000 | 0.00 Member   | Sell         |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 224,800,000 | 0.00 Member   | Buy          |
| 10:54:34        | 12046      | On 05/05/2016 |                     | Bond Future | 1               | 9,900,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 9,900,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 9,900,000   | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000   | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 768,100,000 | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 768,100,000 | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 768,100,000 | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 900,000     | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 900,000     | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 224,800,000 | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 224,800,000 | 0.00 Member   | Sell         |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 232,800,000 | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 224,800,000 | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 232,800,000 | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 900,000     | 0.00 Member   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000   | 0.00 Client   | Buy          |
| 10:55:36        | 12046      | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Client   | Buy          |

| Matched<br>Time | Contract I     | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|--------|--------------|-------------|-----------------|---------------|---------------|--------------|
| 10:55:36        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 500,000       | 0.00 Member   | Buy          |
| 10:55:36        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 1,800,000     | 0.00 Member   | Buy          |
| 10:55:36        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 9,900,000     | 0.00 Member   | Buy          |
| 10:55:36        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 232,800,000   | 0.00 Member   | Sell         |
| 14:50:46        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 8,200,000     | 0.00 Client   | Buy          |
| 14:50:46        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 8,200,000     | 0.00 Client   | Sell         |
| 14:52:38        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 3,000,000     | 0.00 Client   | Buy          |
| 14:52:38        | 12046          | On 04/08/2016 |        |              | Bond Future | 1               | 3,000,000     | 0.00 Client   | Sell         |
| Fotal for I204  | 16 Bond Future |               |        |              |             | 66              | 9,990,400,000 | 0.00          |              |
| 9:34:20         | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 1,165,900,000 | 0.00 Member   | Buy          |
| 9:34:20         | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 1,165,900,000 | 0.00 Member   | Sell         |
| 9:34:20         | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 211,600,000   | 0.00 Member   | Buy          |
| 9:34:20         | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 211,600,000   | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 881,400,000   | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 9,100,000     | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 63,500,000    | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 63,500,000    | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000       | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000       | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 881,400,000   | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 881,400,000   | 0.00 Client   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 211,600,000   | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 63,500,000    | 0.00 Client   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 200,000       | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 9,100,000     | 0.00 Client   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 200,000       | 0.00 Member   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 9,100,000     | 0.00 Member   | Buy          |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 211,600,000   | 0.00 Client   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 200,000       | 0.00 Client   | Sell         |
| 10:51:32        | 12050          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000       | 0.00 Client   | Sell         |
| 10:52:09        | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000       | 0.00 Member   | Sell         |
| 10:52:09        | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 200,000       | 0.00 Client   | Buy          |
| 10:52:09        | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 881,400,000   | 0.00 Client   | Buy          |
| 10:52:09        | 12050          | On 04/08/2016 |        |              | Bond Future | 1               | 63,500,000    | 0.00 Member   | Sell         |

| Matched<br>Time | Contract I    | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|---------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 9,100,000     | 0.00 Client   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 200,000       | 0.00 Member   | Sell         |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 63,500,000    | 0.00 Member   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 100,000       | 0.00 Member   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 9,100,000     | 0.00 Member   | Sell         |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 63,500,000    | 0.00 Client   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 881,400,000   | 0.00 Member   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 9,100,000     | 0.00 Member   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 200,000       | 0.00 Member   | Buy          |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 881,400,000   | 0.00 Member   | Sell         |
| 10:52:09        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 100,000       | 0.00 Client   | Buy          |
| 10:52:10        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 211,600,000   | 0.00 Client   | Buy          |
| 10:52:10        | 12050         | On 04/08/2016 |                     | Bond Future | 1               | 211,600,000   | 0.00 Member   | Sell         |
| Total for I205  | 0 Bond Future |               |                     |             | 38              | 9,327,200,000 | 0.00          |              |
| 10:48:27        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 355,000,000   | 0.00 Member   | Buy          |
| 10:48:27        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 355,000,000   | 0.00 Member   | Sell         |
| 11:09:36        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 2,300,000     | 0.00 Member   | Buy          |
| 11:09:36        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 355,000,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 18,900,000    | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000     | 0.00 Client   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 168,500,000   | 0.00 Client   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 51,000,000    | 0.00 Member   | Sell         |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 7,000,000     | 0.00 Client   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000     | 0.00 Client   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000     | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 8,700,000     | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 168,500,000   | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 6,600,000     | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000     | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 18,900,000    | 0.00 Client   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 2,300,000     | 0.00 Member   | Sell         |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 62,100,000    | 0.00 Member   | Buy          |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 62,100,000    | 0.00 Member   | Sell         |
| 11:59:24        | R186          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000     | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 7,000,000   | 0.00 Member   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 7,000,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 25,500,000  | 0.00 Member   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 51,000,000  | 0.00 Member   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000   | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 2,300,000   | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 18,900,000  | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 62,100,000  | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 8,700,000   | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 51,000,000  | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 6,600,000   | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 25,500,000  | 0.00 Client   | Buy          |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 25,500,000  | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 168,500,000 | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 6,600,000   | 0.00 Member   | Sell         |
| 11:59:24        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 8,700,000   | 0.00 Member   | Sell         |
| 12:37:24        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 500,000,000 | 0.00 Client   | Buy          |
| 12:37:24        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 500,000,000 | 0.00 Client   | Buy          |
| 12:37:24        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 500,000,000 | 0.00 Member   | Sell         |
| 12:37:24        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 500,000,000 | 0.00 Member   | Sell         |
| 15:49:34        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 793,100,000 | 0.00 Member   | Sell         |
| 15:49:34        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 3,400,000   | 0.00 Member   | Buy          |
| 15:52:23        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 793,100,000 | 0.00 Member   | Buy          |
| 15:52:23        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 3,800,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 47,900,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 20,700,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 6,800,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 18,800,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 3,800,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 6,800,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 531,700,000 | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 3,800,000   | 0.00 Client   | Buy          |

| Matched<br>Time | Contract | Details       | Strike Ca<br>Pu |             | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|-----------------|-------------|-----------------|-------------|---------------|--------------|
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 4,400,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 531,700,000 | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 18,800,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 531,700,000 | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 13,100,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 9,800,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 47,900,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 6,300,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 29,100,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 29,100,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 33,500,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 3,400,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 7,300,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 33,500,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 3,400,000   | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 7,300,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 20,900,000  | 0.00 Client   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 35,600,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 20,700,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 47,900,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 35,600,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 33,500,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 20,700,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 18,800,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 29,100,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 20,900,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 20,900,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 6,800,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 6,300,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 4,400,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 13,100,000  | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 13,100,000  | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 9,800,000   | 0.00 Member   | Buy          |
| 16:02:53        | R186     | On 05/05/2016 |                 | Bond Future | 1               | 6,300,000   | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 9,800,000   | 0.00 Member   | Sell         |
| 16:02:53        | R186     | On 05/05/2016 |                     | Bond Future | 1               | 35,600,000  | 0.00 Client   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 531,700,000 | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 47,900,000  | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 6,800,000   | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 6,300,000   | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 18,800,000  | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 47,900,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 35,600,000  | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,700,000  | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 47,900,000  | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 13,100,000  | 0.00 Client   | Sell         |
| 6:03:48         | R186     | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000   | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 18,800,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,900,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 33,500,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 6,300,000   | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 6,300,000   | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 6,800,000   | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 29,100,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 531,700,000 | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 18,800,000  | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 13,100,000  | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 13,100,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,900,000  | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 9,800,000   | 0.00 Client   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 9,800,000   | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,700,000  | 0.00 Member   | Buy          |
| 6:03:48         | R186     | On 04/08/2016 |                     | Bond Future | 1               | 35,600,000  | 0.00 Member   | Buy          |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 9,800,000   | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,900,000  | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 20,700,000  | 0.00 Member   | Sell         |
| 16:03:48        | R186     | On 04/08/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Client   | Sell         |

| Matched<br>Time | Contract I    | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal        | Trade<br>Type | Buy/<br>Sell |
|-----------------|---------------|---------------|---------------------|-------------|-----------------|----------------|---------------|--------------|
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 29,100,000     | 0.00 Client   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 6,800,000      | 0.00 Client   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000      | 0.00 Client   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 33,500,000     | 0.00 Client   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 35,600,000     | 0.00 Member   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 33,500,000     | 0.00 Member   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 29,100,000     | 0.00 Member   | Sell         |
| 16:03:48        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 531,700,000    | 0.00 Client   | Sell         |
| 16:03:49        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000      | 0.00 Client   | Sell         |
| 16:03:49        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000      | 0.00 Member   | Buy          |
| 16:03:49        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 3,800,000      | 0.00 Client   | Sell         |
| 16:03:49        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 3,800,000      | 0.00 Member   | Buy          |
| 16:03:49        | R186          | On 04/08/2016 |                     | Bond Future | 1               | 3,800,000      | 0.00 Member   | Sell         |
| Total for R18   | 6 Bond Future |               |                     |             | 141             | 10,474,800,000 | 0.00          |              |
| 9:34:20         | R197          | On 04/08/2016 |                     | Bond Future | 1               | 44,200,000     | 0.00 Member   | Sell         |
| 9:34:20         | R197          | On 05/05/2016 |                     | Bond Future | 1               | 44,200,000     | 0.00 Member   | Buy          |
| 9:34:20         | R197          | On 05/05/2016 |                     | Bond Future | 1               | 9,500,000      | 0.00 Member   | Sell         |
| 9:34:20         | R197          | On 04/08/2016 |                     | Bond Future | 1               | 9,500,000      | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 2,000,000      | 0.00 Member   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 4,300,000      | 0.00 Member   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 4,300,000      | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000      | 0.00 Member   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000      | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 600,000        | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000      | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000      | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,500,000      | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 4,300,000      | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 2,000,000      | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 10,700,000     | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 9,000,000      | 0.00 Member   | Buy          |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 400,000        | 0.00 Client   | Sell         |
| 10:48:55        | R197          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000      | 0.00 Client   | Sell         |
|                 | R197          | On 05/05/2016 |                     | Bond Future |                 | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|------------|---------------|--------------|
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 10,700,000 | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 3,400,000  | 0.00 Member   | Buy          |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 9,000,000  | 0.00 Client   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 9,500,000  | 0.00 Client   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 3,400,000  | 0.00 Client   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 10,700,000 | 0.00 Client   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 9,500,000  | 0.00 Member   | Buy          |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Member   | Buy          |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 9,000,000  | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 3,400,000  | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 1,500,000  | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 1,500,000  | 0.00 Member   | Buy          |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000  | 0.00 Member   | Sell         |
| 10:48:55        | R197     | On 05/05/2016 |                     | Bond Future | 1               | 2,000,000  | 0.00 Member   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 10,700,000 | 0.00 Client   | Buy          |
| 0:50:01         | R197     | On 04/08/2016 |                     | Bond Future | 1               | 2,000,000  | 0.00 Member   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 4,300,000  | 0.00 Member   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,500,000  | 0.00 Member   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,500,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 4,300,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 9,000,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,500,000  | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 4,300,000  | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 9,500,000  | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 9,500,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Client   | Buy          |
| 0:50:01         | R197     | On 04/08/2016 |                     | Bond Future | 1               | 2,000,000  | 0.00 Client   | Buy          |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 10,700,000 | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000  | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 10:50:01        | R197     | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000  | 0.00 Client   | Buy          |

| Matched<br>Time | Contract I     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000     | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 3,400,000     | 0.00 Member   | Sell         |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 10,700,000    | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000     | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 2,000,000     | 0.00 Member   | Sell         |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000     | 0.00 Client   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 600,000       | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 600,000       | 0.00 Member   | Sell         |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000     | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 9,000,000     | 0.00 Member   | Buy          |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 9,000,000     | 0.00 Member   | Sell         |
| 10:50:01        | R197           | On 04/08/2016 |                     | Bond Future | 1               | 400,000       | 0.00 Member   | Buy          |
| Total for R19   | 97 Bond Future |               |                     |             | 68              | 353,600,000   | 0.00          |              |
| 9:34:20         | R202           | On 04/08/2016 |                     | Bond Future | 1               | 1,699,000,000 | 0.00 Member   | Sell         |
| 9:34:20         | R202           | On 05/05/2016 |                     | Bond Future | 1               | 1,699,000,000 | 0.00 Member   | Buy          |
| 9:34:20         | R202           | On 05/05/2016 |                     | Bond Future | 1               | 12,800,000    | 0.00 Member   | Sell         |
| 9:34:20         | R202           | On 04/08/2016 |                     | Bond Future | 1               | 12,800,000    | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 273,400,000   | 0.00 Client   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 19,100,000    | 0.00 Member   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 670,200,000   | 0.00 Member   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 214,100,000   | 0.00 Member   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 670,200,000   | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 214,100,000   | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 235,000,000   | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 273,400,000   | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 670,200,000   | 0.00 Client   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 235,000,000   | 0.00 Client   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 19,100,000    | 0.00 Client   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 214,100,000   | 0.00 Client   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 19,100,000    | 0.00 Member   | Buy          |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 235,000,000   | 0.00 Member   | Sell         |
| 10:42:04        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 273,400,000   | 0.00 Member   | Sell         |
| 10:42:05        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 2,000,000     | 0.00 Member   | Sell         |
| 10:42:05        | R202           | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000     | 0.00 Member   | Buy          |

| Matched<br>Time | Contract | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|-----------------------------|-----------------|-------------|---------------|--------------|
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 2,000,000   | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 258,000,000 | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 12,800,000  | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Member   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 12,800,000  | 0.00 Member   | Buy          |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 2,000,000   | 0.00 Member   | Buy          |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 300,000     | 0.00 Member   | Buy          |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Member   | Buy          |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 258,000,000 | 0.00 Member   | Buy          |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 1,800,000   | 0.00 Member   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 300,000     | 0.00 Member   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 1,800,000   | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 300,000     | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Client   | Sell         |
| 10:42:05        | R202     | On 05/05/2016 | Bond Future                 | 1               | 258,000,000 | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 19,100,000  | 0.00 Member   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 670,200,000 | 0.00 Member   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Member   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 300,000     | 0.00 Member   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 235,000,000 | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 12,800,000  | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 273,400,000 | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 1,800,000   | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 258,000,000 | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 214,100,000 | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 1,800,000   | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 235,000,000 | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 2,000,000   | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 12,300,000  | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 19,100,000  | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 12,800,000  | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 300,000     | 0.00 Client   | Buy          |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 670,200,000 | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 258,000,000 | 0.00 Member   | Sell         |
| 10:43:27        | R202     | On 04/08/2016 | Bond Future                 | 1               | 214,100,000 | 0.00 Member   | Sell         |

| Matched<br>Time | Contract E     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal        | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|----------------|---------------|--------------|
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 273,400,000    | 0.00 Member   | Sell         |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 273,400,000    | 0.00 Member   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 19,100,000     | 0.00 Member   | Sell         |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 300,000        | 0.00 Member   | Sell         |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 2,000,000      | 0.00 Member   | Sell         |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 670,200,000    | 0.00 Client   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 2,000,000      | 0.00 Member   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 258,000,000    | 0.00 Member   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000      | 0.00 Member   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 214,100,000    | 0.00 Member   | Buy          |
| 10:43:27        | R202           | On 04/08/2016 |                     | Bond Future | 1               | 235,000,000    | 0.00 Member   | Buy          |
| Total for R20   | 2 Bond Future  |               |                     |             | 68              | 13,592,000,000 | 0.00          |              |
| 10:51:01        | R2023          | On 04/08/2016 |                     | Bond Future | 1               | 14,700,000     | 0.00 Member   | Buy          |
| 10:51:01        | R2023          | On 04/08/2016 |                     | Bond Future | 1               | 14,700,000     | 0.00 Member   | Sell         |
| 11:43:12        | R2023          | On 04/08/2016 |                     | Bond Future | 1               | 14,700,000     | 0.00 Client   | Buy          |
| 11:43:12        | R2023          | On 04/08/2016 |                     | Bond Future | 1               | 14,700,000     | 0.00 Member   | Sell         |
| Fotal for R20   | 23 Bond Future |               |                     |             | 4               | 58,800,000     | 0.00          |              |
| 11:48:23        | R203           | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Sell         |
| 11:48:23        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Buy          |
| 11:48:23        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Sell         |
| 11:48:23        | R203           | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Buy          |
| 12:37:24        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 279,000,000    | 0.00 Client   | Sell         |
| 12:37:24        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 279,000,000    | 0.00 Member   | Buy          |
| 12:37:25        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Sell         |
| 12:37:25        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 280,000,000    | 0.00 Member   | Buy          |
| 12:37:25        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 280,000,000    | 0.00 Client   | Sell         |
| 12:37:25        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Buy          |
| 12:41:10        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Sell         |
| 12:41:10        | R203           | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Buy          |
| 12:42:26        | R203           | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000     | 0.00 Member   | Buy          |
| 12:42:26        | R203           | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000     | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 12:42:26        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Member   | Sell         |
| 12:42:26        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Member   | Sell         |
| 12:59:12        | R203     | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Client   | Sell         |
| 12:59:12        | R203     | On 04/08/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Member   | Buy          |
| 12:59:47        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Client   | Buy          |
| 12:59:47        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 20,000,000  | 0.00 Member   | Sell         |
| 15:41:55        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 4,500,000   | 0.00 Member   | Buy          |
| 15:41:55        | R203     | On 04/08/2016 |                     | Bond Future | 1               | 4,500,000   | 0.00 Member   | Sell         |
| 15:41:55        | R203     | On 04/08/2016 |                     | Bond Future | 1               | 517,000,000 | 0.00 Member   | Buy          |
| 15:41:55        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 517,000,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 16,200,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 4,500,000   | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 21,800,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 40,300,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 54,000,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 54,000,000  | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 85,700,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 85,700,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 85,700,000  | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 83,900,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 27,700,000  | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 59,600,000  | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 26,300,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 22,600,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 54,000,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 40,300,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 59,600,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 55,200,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 4,900,000   | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 21,800,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 16,200,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 14,300,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 27,700,000  | 0.00 Member   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 |                     | Bond Future | 1               | 27,700,000  | 0.00 Member   | Sell         |

| Matched<br>Time | Contract | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|-----------------------------|-----------------|------------|---------------|--------------|
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 83,900,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 40,300,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 21,800,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 55,200,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 14,300,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 26,300,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 4,500,000  | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 22,600,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 26,300,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 59,600,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 22,600,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 14,300,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 16,200,000 | 0.00 Client   | Buy          |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 55,200,000 | 0.00 Member   | Sell         |
| 16:25:05        | R203     | On 05/05/2016 | Bond Future                 | 1               | 83,900,000 | 0.00 Client   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 85,700,000 | 0.00 Member   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 27,700,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 14,300,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 4,500,000  | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 4,900,000  | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 4,500,000  | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 14,300,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 85,700,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 59,600,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 26,300,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 16,200,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 40,300,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 40,300,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 22,600,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 83,900,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 21,800,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 4,900,000  | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 83,900,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 55,200,000 | 0.00 Client   | Sell         |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 26,300,000 | 0.00 Member   | Buy          |
| 16:25:58        | R203     | On 04/08/2016 | Bond Future                 | 1               | 59,600,000 | 0.00 Member   | Buy          |

| Matched<br>Time | Contract I      | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|-----------------|---------------|-----------------------------|-----------------|---------------|---------------|--------------|
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 27,700,000    | 0.00 Client   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 55,200,000    | 0.00 Member   | Buy          |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 54,000,000    | 0.00 Member   | Buy          |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 85,700,000    | 0.00 Client   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 21,800,000    | 0.00 Member   | Buy          |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 16,200,000    | 0.00 Member   | Buy          |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 22,600,000    | 0.00 Member   | Buy          |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 22,600,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 55,200,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 54,000,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 54,000,000    | 0.00 Client   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 40,300,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 59,600,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 4,900,000     | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 21,800,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 16,200,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 14,300,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 27,700,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | e 1             | 26,300,000    | 0.00 Member   | Sell         |
| 16:25:58        | R203            | On 04/08/2016 | Bond Futur                  | • 1             | 83,900,000    | 0.00 Member   | Sell         |
| fotal for R20   | 03 Bond Future  |               |                             | 106             | 5,574,000,000 | 0.00          |              |
| 17:10:25        | R2032           | On 05/05/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Member   | Sell         |
| 17:10:25        | R2032           | On 04/08/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Member   | Buy          |
| 17:10:25        | R2032           | On 04/08/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Member   | Sell         |
| 17:10:25        | R2032           | On 05/05/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Member   | Buy          |
| 17:13:16        | R2032           | On 04/08/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Client   | Buy          |
| 17:13:16        | R2032           | On 04/08/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Member   | Sell         |
| 17:13:45        | R2032           | On 05/05/2016 | Bond Futur                  | e 1             | 13,300,000    | 0.00 Client   | Sell         |
| 17:13:45        | R2032           | On 05/05/2016 | Bond Futur                  | • 1             | 13,300,000    | 0.00 Member   | Buy          |
| otal for R20    | 032 Bond Future |               |                             | 8               | 106,400,000   | 0.00          |              |
| 15:41:55        | R2037           | On 04/08/2016 | Bond Futur                  | e 1             | 200,000       | 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 |
|-----------------|------------|---------------|---------------------|-------------|-----------------|------------|---------------|--------------|
| 15:41:55        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Member   | Sell         |
| 15:41:55        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 25,900,000 | 0.00 Member   | Buy          |
| 15:41:55        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 25,900,000 | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 300,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 500,000    | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 300,000    | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 500,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Client   | Sell         |

| Matched<br>Time | Contract I | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|---------------|---------------------|-------------|-----------------|------------|---------------|--------------|
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 300,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,300,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 500,000    | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Buy          |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Client   | Sell         |
| 16:13:42        | R2037      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Client   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Member   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Member   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 10,000,000 | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Member   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,900,000  | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000  | 0.00 Member   | Sell         |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,800,000  | 0.00 Member   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Member   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000  | 0.00 Client   | Buy          |
| 16:14:37        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Buy          |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 300,000    | 0.00 Member   | Sell         |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 200,000    | 0.00 Member   | Buy          |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Sell         |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 400,000    | 0.00 Member   | Buy          |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 16:14:38        | R2037      | On 04/08/2016 |                     | Bond Future | 1               | 1,300,000  | 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 |
|-----------------|-----------------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 400,000     | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Member   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,300,000   | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 400,000     | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 300,000     | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000   | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 1,300,000   | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 200,000     | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 500,000     | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 200,000     | 0.00 Client   | Buy          |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 16:14:38        | R2037           | On 04/08/2016 |                     | Bond Future | 1               | 400,000     | 0.00 Client   | Buy          |
| Fotal for R20   | 037 Bond Future |               |                     |             | 92              | 207,200,000 | 0.00          |              |
| 17:10:25        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Member   | Buy          |
| 17:10:25        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Member   | Sell         |
| 17:10:25        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 30,500,000  | 0.00 Member   | Buy          |
| 17:10:25        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 30,500,000  | 0.00 Member   | Sell         |
| 17:15:17        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Client   | Buy          |
| 17:15:17        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Member   | Sell         |
| 17:15:17        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Member   | Sell         |
| 17:15:17        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Member   | Buy          |
| 17:15:17        | R204            | On 05/05/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Client   | Buy          |
| 17:18:58        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Client   | Sell         |
| 17:18:58        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Member   | Sell         |
| 17:18:58        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Client   | Sell         |
| 17:18:58        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,100,000  | 0.00 Member   | Buy          |
| 17:18:58        | R204            | On 04/08/2016 |                     | Bond Future | 1               | 15,400,000  | 0.00 Member   | Buy          |

| Matched<br>Time | Contract E     | Details       | Strike | Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| Total for R20   | )4 Bond Future |               |        |              |             | 14              | 244,000,000 | 0.00          |              |
| 15:41:55        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 1,700,000   | 0.00 Member   | Sell         |
| 15:41:55        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 200,000     | 0.00 Member   | Buy          |
| 15:41:55        | R2044          | On 05/05/2016 |        |              | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 15:41:55        | R2044          | On 05/05/2016 |        |              | Bond Future | 1               | 1,700,000   | 0.00 Member   | Buy          |
| 15:41:55        | R2044          | On 05/05/2016 |        |              | Bond Future | 1               | 27,600,000  | 0.00 Member   | Buy          |
| 15:41:55        | R2044          | On 05/05/2016 |        |              | Bond Future | 1               | 8,800,000   | 0.00 Member   | Sell         |
| 15:41:55        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 8,800,000   | 0.00 Member   | Buy          |
| 15:41:55        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 27,600,000  | 0.00 Member   | Sell         |
| 16:15:51        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 7,400,000   | 0.00 Member   | Sell         |
| 16:15:51        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 5,700,000   | 0.00 Client   | Buy          |
| 16:15:51        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 5,700,000   | 0.00 Member   | Sell         |
| 6:15:51         | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 7,400,000   | 0.00 Member   | Buy          |
| 16:15:51        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 5,700,000   | 0.00 Member   | Buy          |
| 16:15:51        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 7,400,000   | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 2,500,000   | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 2,700,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 900,000     | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 700,000     | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 400,000     | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 400,000     | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 1,400,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 1,400,000   | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 2,500,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 1,400,000   | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 900,000     | 0.00 Member   | Sell         |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 200,000     | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 1,400,000   | 0.00 Client   | Buy          |
| 16:15:52        | R2044          | On 04/08/2016 |        |              | Bond Future | 1               | 700,000     | 0.00 Client   | Buy          |

| Matched<br>Time | Contract E | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal   | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|---------------|---------------------|-------------|-----------------|-----------|---------------|--------------|
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 200,000   | 0.00 Member   | Sell         |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Member   | Sell         |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000 | 0.00 Client   | Buy          |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000 | 0.00 Client   | Buy          |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000 | 0.00 Member   | Sell         |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 2,700,000 | 0.00 Member   | Sell         |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 900,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 700,000   | 0.00 Member   | Buy          |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 400,000   | 0.00 Client   | Buy          |
| 16:15:52        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Member   | Buy          |
| 16:17:41        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 7,100,000 | 0.00 Client   | Sell         |
| 16:17:41        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 1,700,000 | 0.00 Client   | Sell         |
| 16:17:41        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 7,100,000 | 0.00 Member   | Sell         |
| 16:17:41        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 7,100,000 | 0.00 Member   | Buy          |
| 16:17:41        | R2044      | On 04/08/2016 |                     | Bond Future | 1               | 1,700,000 | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 900,000   | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 700,000   | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 5,700,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 400,000   | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000 | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 700,000   | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000 | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000 | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 7,400,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000 | 0.00 Member   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 5,700,000 | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000 | 0.00 Client   | Sell         |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 200,000   | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 900,000   | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000 | 0.00 Member   | Buy          |
| 16:18:35        | R2044      | On 05/05/2016 |                     | Bond Future | 1               | 200,000   | 0.00 Client   | Sell         |

| Matched<br>Time | Contract I     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 400,000     | 0.00 Member   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 300,000     | 0.00 Member   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000   | 0.00 Member   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 900,000     | 0.00 Member   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 700,000     | 0.00 Client   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 300,000     | 0.00 Client   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 1,400,000   | 0.00 Client   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 400,000     | 0.00 Member   | Buy          |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 2,700,000   | 0.00 Member   | Buy          |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Client   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 7,400,000   | 0.00 Client   | Sell         |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 5,700,000   | 0.00 Member   | Buy          |
| 16:18:35        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 7,400,000   | 0.00 Member   | Buy          |
| 16:19:22        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Client   | Buy          |
| 16:19:22        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 7,100,000   | 0.00 Member   | Buy          |
| 16:19:22        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 7,100,000   | 0.00 Client   | Buy          |
| 16:19:22        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 1,700,000   | 0.00 Member   | Sell         |
| 16:19:22        | R2044          | On 05/05/2016 |                     | Bond Future | 1               | 7,100,000   | 0.00 Member   | Sell         |
| Fotal for R20   | 44 Bond Future |               |                     |             | 88              | 291,200,000 | 0.00          |              |
| 10:51:01        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 45,600,000  | 0.00 Member   | Buy          |
| 10:51:01        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 45,600,000  | 0.00 Member   | Sell         |
| 11:43:57        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 45,600,000  | 0.00 Client   | Buy          |
| 11:43:57        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 45,600,000  | 0.00 Member   | Sell         |
| 17:10:25        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 17:10:25        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 17:10:25        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 122,400,000 | 0.00 Member   | Buy          |
| 17:10:25        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 122,400,000 | 0.00 Member   | Sell         |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000   | 0.00 Member   | Sell         |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000   | 0.00 Member   | Sell         |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 5,900,000   | 0.00 Client   | Buy          |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000   | 0.00 Member   | Buy          |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 75,000,000  | 0.00 Member   | Buy          |
| 17:23:23        | R2048          | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000   | 0.00 Client   | Buy          |

| Matched<br>Time | Contract E | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|-----------------|------------|---------------|---------------------|-------------|-----------------|------------|---------------|--------------|
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 10,500,000 | 0.00 Client   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000  | 0.00 Member   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000  | 0.00 Client   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 75,000,000 | 0.00 Member   | Sell         |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 3,600,000  | 0.00 Client   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 75,000,000 | 0.00 Client   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 3,600,000  | 0.00 Member   | Sell         |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 5,900,000  | 0.00 Member   | Sell         |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 10,500,000 | 0.00 Member   | Sell         |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 3,600,000  | 0.00 Member   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000  | 0.00 Client   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 8,800,000  | 0.00 Member   | Sell         |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 5,900,000  | 0.00 Member   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 4,400,000  | 0.00 Member   | Buy          |
| 17:23:23        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 10,500,000 | 0.00 Member   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 100,000    | 0.00 Member   | Sell         |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000  | 0.00 Member   | Sell         |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000  | 0.00 Client   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Member   | Sell         |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Client   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Sell         |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 600,000    | 0.00 Member   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000  | 0.00 Member   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 100,000    | 0.00 Client   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Client   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Client   | Buy          |
| 17:23:24        | R2048      | On 04/08/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Member   | Sell         |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Member   | Buy          |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000  | 0.00 Client   | Sell         |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 10,500,000 | 0.00 Client   | Sell         |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 3,600,000  | 0.00 Member   | Buy          |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000  | 0.00 Client   | Sell         |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 10,500,000 | 0.00 Member   | Sell         |
| 17:24:22        | R2048      | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000  | 0.00 Client   | Sell         |

| Matched<br>Time | Contract D     | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 75,000,000    | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 75,000,000    | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 4,400,000     | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 75,000,000    | 0.00 Client   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 4,400,000     | 0.00 Client   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 10,500,000    | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 3,600,000     | 0.00 Client   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000     | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 3,600,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000     | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000     | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 5,900,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 8,800,000     | 0.00 Client   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 2,400,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 1,200,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 5,900,000     | 0.00 Member   | Buy          |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 4,400,000     | 0.00 Member   | Sell         |
| 17:24:22        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 5,900,000     | 0.00 Client   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 100,000       | 0.00 Client   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000     | 0.00 Member   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 600,000       | 0.00 Member   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 600,000       | 0.00 Client   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 600,000       | 0.00 Member   | Buy          |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 100,000       | 0.00 Member   | Buy          |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000     | 0.00 Client   | Sell         |
| 17:24:23        | R2048          | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000     | 0.00 Member   | Buy          |
| Total for R20   | 48 Bond Future |               |                     |             | 78              | 1,161,600,000 | 0.00          |              |
| 12:18:27        | R207           | On 04/08/2016 |                     | Bond Future | 1               | 29,000,000    | 0.00 Member   | Sell         |
| 12:18:27        | R207           | On 05/05/2016 |                     | Bond Future | 1               | 29,000,000    | 0.00 Member   | Buy          |
| 12:18:27        | R207           | On 05/05/2016 |                     | Bond Future | 1               | 29,000,000    | 0.00 Member   | Sell         |
| 12:18:27        | R207           | On 04/08/2016 |                     | Bond Future | 1               | 29,000,000    | 0.00 Member   | Buy          |
| 12:37:25        | R207           | On 04/08/2016 |                     | Bond Future | 1               | 289,000,000   | 0.00 Client   | Sell         |

| Matched<br>Time | Contract | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|-----------------------------|-----------------|-------------|---------------|--------------|
| 12:37:25        | R207     | On 04/08/2016 | Bond Future                 | 1               | 289,000,000 | 0.00 Client   | Sell         |
| 12:37:25        | R207     | On 04/08/2016 | Bond Future                 | 1               | 289,000,000 | 0.00 Member   | Buy          |
| 12:37:25        | R207     | On 04/08/2016 | Bond Future                 | 1               | 289,000,000 | 0.00 Member   | Buy          |
| 13:00:43        | R207     | On 04/08/2016 | Bond Future                 | 1               | 29,000,000  | 0.00 Client   | Sell         |
| 13:00:43        | R207     | On 04/08/2016 | Bond Future                 | 1               | 29,000,000  | 0.00 Member   | Buy          |
| 13:01:24        | R207     | On 05/05/2016 | Bond Future                 | 1               | 29,000,000  | 0.00 Member   | Sell         |
| 13:01:24        | R207     | On 05/05/2016 | Bond Future                 | 1               | 29,000,000  | 0.00 Client   | Buy          |
| 17:10:25        | R207     | On 05/05/2016 | Bond Future                 | 1               | 3,400,000   | 0.00 Member   | Buy          |
| 17:10:25        | R207     | On 04/08/2016 | Bond Future                 | 1               | 3,400,000   | 0.00 Member   | Sell         |
| 17:10:25        | R207     | On 04/08/2016 | Bond Future                 | 1               | 416,100,000 | 0.00 Member   | Buy          |
| 17:10:25        | R207     | On 05/05/2016 | Bond Future                 | 1               | 416,100,000 | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 188,000,000 | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 36,800,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 24,500,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 32,000,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 3,400,000   | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 24,500,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 20,300,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 36,800,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 16,000,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 11,100,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 10,100,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 10,100,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 20,300,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 20,300,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 4,300,000   | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 9,100,000   | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 5,900,000   | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 36,800,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 188,000,000 | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 17,300,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 11,100,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 | Bond Future                 | 1               | 16,000,000  | 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 |
|-----------------|----------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 11,100,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 17,300,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 4,300,000   | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 5,900,000   | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 32,300,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 32,000,000  | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 9,100,000   | 0.00 Member   | Sell         |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 9,100,000   | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 10,100,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 188,000,000 | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 5,900,000   | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 3,400,000   | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 4,300,000   | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 16,000,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 17,300,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 32,300,000  | 0.00 Client   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 32,300,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 32,000,000  | 0.00 Member   | Buy          |
| 17:25:33        | R207     | On 05/05/2016 |                     | Bond Future | 1               | 24,500,000  | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 24,500,000  | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 20,300,000  | 0.00 Client   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 32,300,000  | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 32,000,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 32,000,000  | 0.00 Client   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 24,500,000  | 0.00 Client   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 5,900,000   | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 20,300,000  | 0.00 Member   | Buy          |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 11,100,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 10,100,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 24,500,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 20,300,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 17,300,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 32,300,000  | 0.00 Member   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 4,300,000   | 0.00 Client   | Sell         |
| 17:26:22        | R207     | On 04/08/2016 |                     | Bond Future | 1               | 9,100,000   | 0.00 Member   | Sell         |

| Matched<br>Time | Contract I    | Details        | Strike Cal<br>Put |              | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|---------------|----------------|-------------------|--------------|-----------------|---------------|---------------|--------------|
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 9,100,000     | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 5,900,000     | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 5,000,000     | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 16,000,000    | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 5,900,000     | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 16,000,000    | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 36,800,000    | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 10,100,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 36,800,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 3,400,000     | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 17,300,000    | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 5,000,000     | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 17,300,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 188,000,000   | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 11,100,000    | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 188,000,000   | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 188,000,000   | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 36,800,000    | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 10,100,000    | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 4,300,000     | 0.00 Member   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 32,000,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 4,300,000     | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 9,100,000     | 0.00 Client   | Sell         |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 3,400,000     | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 16,000,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 11,100,000    | 0.00 Member   | Buy          |
| 17:26:22        | R207          | On 04/08/2016  |                   | Bond Future  | 1               | 32,300,000    | 0.00 Client   | Sell         |
| Total for R20   | 7 Bond Future |                |                   |              | 104             | 4,716,800,000 | 0.00          |              |
| 10:51:01        | R209          | On 04/08/2016  |                   | Bond Future  | 1               | 70,000,000    | 0.00 Member   | Sell         |
| 10:51:01        | R209          | On 04/08/2016  |                   | Bond Future  | 1               | 70,000,000    | 0.00 Member   | Buy          |
| 11:43:35        | R209<br>R209  | On 04/08/2016  |                   | Bond Future  | 1               | 70,000,000    | 0.00 Client   | Sell         |
| 11:43:35        | R209          | On 04/08/2016  |                   | Bond Future  | 1               | 70,000,000    | 0.00 Member   | Buy          |
| 12:09:09        | R209<br>R209  | On 04/08/2016  |                   | Bond Future  | 1               | 70,000,000    | 0.00 Member   | Бuy<br>Sell  |
| 12.09.09        | 11209         | 011 04/00/2010 |                   | Bond i utile | I               | 100,000       |               | Sell         |

| Matched<br>Time | Contract | Details       | Strike Call/ Product<br>Put | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|-----------------|----------|---------------|-----------------------------|-----------------|-------------|---------------|--------------|
| 12:09:09        | R209     | On 05/05/2016 | Bond Future                 | 1               | 700,000     | 0.00 Member   | Buy          |
| 12:09:09        | R209     | On 05/05/2016 | Bond Future                 | 1               | 53,100,000  | 0.00 Member   | Sell         |
| 12:09:09        | R209     | On 05/05/2016 | Bond Future                 | 1               | 155,900,000 | 0.00 Member   | Sell         |
| 12:09:09        | R209     | On 05/05/2016 | Bond Future                 | 1               | 53,100,000  | 0.00 Member   | Buy          |
| 12:09:09        | R209     | On 04/08/2016 | Bond Future                 | 1               | 155,900,000 | 0.00 Member   | Buy          |
| 12:09:09        | R209     | On 04/08/2016 | Bond Future                 | 1               | 53,100,000  | 0.00 Member   | Sell         |
| 12:37:25        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Member   | Buy          |
| 12:37:25        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Client   | Buy          |
| 12:37:25        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Client   | Sell         |
| 12:37:25        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 132,900,000 | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 132,900,000 | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 7,600,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 700,000     | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,600,000   | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 4,600,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 7,600,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 4,600,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 4,600,000   | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 2,500,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,600,000   | 0.00 Member   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 2,500,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 5,000,000   | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,600,000   | 0.00 Client   | Buy          |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 2,500,000   | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 1,000,000   | 0.00 Member   | Sell         |
| 3:27:44         | R209     | On 05/05/2016 | Bond Future                 | 1               | 700,000     | 0.00 Member   | Sell         |
| 3:27:44         | R209     | On 05/05/2016 | Bond Future                 | 1               | 132,900,000 | 0.00 Member   | Sell         |
| 13:27:44        | R209     | On 05/05/2016 | Bond Future                 | 1               | 7,600,000   | 0.00 Member   | Sell         |
| 13:29:36        | R209     | On 04/08/2016 | Bond Future                 | 1               | 132,900,000 | 0.00 Member   | Sell         |
| 13:29:36        | R209     | On 04/08/2016 | Bond Future                 | 1               | 132,900,000 | 0.00 Client   | Sell         |
| 13:29:36        | R209     | On 04/08/2016 | Bond Future                 | 1               | 1,600,000   | 0.00 Client   | Sell         |

| Matched<br>Time | Contract      | Details       | Strike Call/<br>Put | Product     | No<br>of Trades | Nominal       | Trade<br>Type | Buy/<br>Sell |
|-----------------|---------------|---------------|---------------------|-------------|-----------------|---------------|---------------|--------------|
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000     | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 700,000       | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 4,600,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 7,600,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 5,000,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 1,000,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 7,600,000     | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 700,000       | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 5,000,000     | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 7,600,000     | 0.00 Member   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 1,000,000     | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 4,600,000     | 0.00 Client   | Sell         |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 5,000,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 1,000,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 4,600,000     | 0.00 Member   | Buy          |
| 13:29:36        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 132,900,000   | 0.00 Member   | Buy          |
| 13:30:07        | R209          | On 05/05/2016 |                     | Bond Future | 1               | 53,100,000    | 0.00 Member   | Buy          |
| 13:30:07        | R209          | On 05/05/2016 |                     | Bond Future | 1               | 53,100,000    | 0.00 Client   | Sell         |
| 13:30:29        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 53,100,000    | 0.00 Client   | Buy          |
| 13:30:29        | R209          | On 04/08/2016 |                     | Bond Future | 1               | 53,100,000    | 0.00 Member   | Sell         |
| 13:30:36        | R209          | On 05/05/2016 |                     | Bond Future | 1               | 800,000       | 0.00 Member   | Sell         |
| 13:30:36        | R209          | On 05/05/2016 |                     | Bond Future | 1               | 800,000       | 0.00 Client   | Buy          |
| Total for R20   | 9 Bond Future |               |                     |             | 68              | 1,957,600,000 | 0.00          |              |
| 9:34:20         | R210          | On 05/05/2016 |                     | Bond Future | 1               | 71,900,000    | 0.00 Member   | Buy          |
| 9:34:20         | R210          | On 04/08/2016 |                     | Bond Future | 1               | 71,900,000    | 0.00 Member   | Sell         |
| 9:34:20         | R210          | On 04/08/2016 |                     | Bond Future | 1               | 66,300,000    | 0.00 Member   | Buy          |
| 9:34:20         | R210          | On 05/05/2016 |                     | Bond Future | 1               | 66,300,000    | 0.00 Member   | Sell         |
| 11:01:11        | R210          | On 05/05/2016 |                     | Bond Future | 1               | 66,300,000    | 0.00 Client   | Sell         |
| 11:01:11        | R210          | On 05/05/2016 |                     | Bond Future | 1               | 5,600,000     | 0.00 Member   | Sell         |
| 11:01:11        | R210          | On 05/05/2016 |                     | Bond Future | 1               | 5,600,000     | 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 |
|-----------------|---------------|---------------|--------|--------------|-------------|-----------------|-------------|---------------|--------------|
| 11:01:11        | R210          | On 05/05/2016 |        |              | Bond Future | 1               | 66,300,000  | 0.00 Member   | Buy          |
| 11:01:11        | R210          | On 05/05/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Client   | Sell         |
| 11:01:26        | R210          | On 04/08/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Member   | Sell         |
| 11:01:26        | R210          | On 04/08/2016 |        |              | Bond Future | 1               | 66,300,000  | 0.00 Client   | Buy          |
| 11:01:26        | R210          | On 04/08/2016 |        |              | Bond Future | 1               | 66,300,000  | 0.00 Member   | Sell         |
| 11:01:26        | R210          | On 04/08/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Member   | Buy          |
| 11:01:26        | R210          | On 04/08/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Client   | Buy          |
| Total for R21   | 0 Bond Future |               |        |              |             | 14              | 575,200,000 | 0.00          |              |
| 9:34:20         | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 6,200,000   | 0.00 Member   | Sell         |
| 9:34:20         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 6,200,000   | 0.00 Member   | Buy          |
| 9:34:20         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 9:34:20         | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 0:59:40         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Member   | Sell         |
| 0:59:40         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Client   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Client   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 0:59:40         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 0:59:40         | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Client   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Client   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Member   | Buy          |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 10:59:40        | R211          | On 05/05/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Client   | Sell         |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Client   | Buy          |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 5,600,000   | 0.00 Member   | Buy          |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Buy          |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 300,000     | 0.00 Member   | Sell         |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 11:00:06        | R211          | On 04/08/2016 |        |              | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |

| Matched<br>Time            | Contract Details |               | Strike Cal<br>Put |             | No<br>of Trades | Nominal    | Trade<br>Type | Buy/<br>Sell |
|----------------------------|------------------|---------------|-------------------|-------------|-----------------|------------|---------------|--------------|
| 11:00:06                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Buy          |
| 11:00:06                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 5,600,000  | 0.00 Member   | Sell         |
| 11:00:06                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 300,000    | 0.00 Client   | Buy          |
| 11:00:06                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Buy          |
| 11:00:07                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Buy          |
| 11:00:07                   | R211             | On 04/08/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Sell         |
| Total for R211 Bond Future |                  |               |                   |             | 32              | 49,600,000 | 0.00          |              |
| 9:34:20                    | R212             | On 04/08/2016 |                   | Bond Future | 1               | 25,000,000 | 0.00 Member   | Sell         |
| 9:34:20                    | R212             | On 05/05/2016 |                   | Bond Future | 1               | 25,000,000 | 0.00 Member   | Buy          |
| 9:34:20                    | R212             | On 05/05/2016 |                   | Bond Future | 1               | 12,400,000 | 0.00 Member   | Sell         |
| 9:34:20                    | R212             | On 04/08/2016 |                   | Bond Future | 1               | 12,400,000 | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 11,400,000 | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 11,400,000 | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 500,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 11,400,000 | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 500,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Member   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 100,000    | 0.00 Member   | Buy          |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 200,000    | 0.00 Client   | Sell         |
| 10:45:05                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 500,000    | 0.00 Client   | Sell         |
| 10:45:06                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 12,400,000 | 0.00 Member   | Buy          |
| 10:45:06                   | R212             | On 05/05/2016 |                   | Bond Future | 1               | 12,400,000 | 0.00 Client   | Sell         |

| Matched<br>Time            | Contract Details |               | Strike Call/ Pro<br>Put | Product     | No<br>of Trades | Nominal     | Trade<br>Type | Buy/<br>Sell |
|----------------------------|------------------|---------------|-------------------------|-------------|-----------------|-------------|---------------|--------------|
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 11,400,000  | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 500,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 11,400,000  | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 500,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 500,000     | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 12,400,000  | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 12,400,000  | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Client   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 200,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Sell         |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 11,400,000  | 0.00 Member   | Buy          |
| 10:46:12                   | R212             | On 04/08/2016 |                         | Bond Future | 1               | 100,000     | 0.00 Member   | Buy          |
| Total for R212 Bond Future |                  |               |                         |             | 50              | 200,000,000 | 0.00          |              |
| 11:48:23                   | R214             | On 05/05/2016 |                         | Bond Future | 1               | 12,300,000  | 0.00 Member   | Sell         |
| 11:48:23                   | R214             | On 05/05/2016 |                         | Bond Future | 1               | 12,300,000  | 0.00 Member   | Buy          |
| 12:09:09                   | R214             | On 04/08/2016 |                         | Bond Future | 1               | 1,100,000   | 0.00 Member   | Sell         |
| 2:09:09                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 2:09:09                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 245,200,000 | 0.00 Member   | Sell         |
| 2:09:09                    | R214             | On 04/08/2016 |                         | Bond Future | 1               | 245,200,000 | 0.00 Member   | Buy          |
| 2:40:55                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 12,300,000  | 0.00 Member   | Buy          |
| 2:40:55                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 12,300,000  | 0.00 Client   | Sell         |
| 3:31:27                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 7,800,000   | 0.00 Client   | Buy          |
| 3:31:27                    | R214             | On 05/05/2016 |                         | Bond Future | 1               | 7,300,000   | 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 |
|-----------------|------------------|---------------|---------------------|-------------|-----------------|-------------|---------------|--------------|
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000   | 0.00 Client   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Client   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Client   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 209,000,000 | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Client   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 209,000,000 | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 11,900,000  | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 7,800,000   | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 7,800,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 11,900,000  | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 11,900,000  | 0.00 Client   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000   | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 1,600,000   | 0.00 Member   | Sell         |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Member   | Buy          |
| 13:31:27        | R214             | On 05/05/2016 |                     | Bond Future | 1               | 209,000,000 | 0.00 Client   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Client   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 209,000,000 | 0.00 Client   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000   | 0.00 Member   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 7,300,000   | 0.00 Member   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Client   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 209,000,000 | 0.00 Member   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 4,000,000   | 0.00 Member   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 11,900,000  | 0.00 Member   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 11,900,000  | 0.00 Client   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 1,100,000   | 0.00 Member   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 7,800,000   | 0.00 Member   | Buy          |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 2,500,000   | 0.00 Member   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 1,600,000   | 0.00 Member   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 7,800,000   | 0.00 Member   | Sell         |
| 13:32:11        | R214             | On 04/08/2016 |                     | Bond Future | 1               | 7,300,000   | 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 |
|----------------------------|-------------------|---------------|---------------------|---------------|-----------------|----------------|---|--------------|
|                            |                   |               |                     |               |                 |                | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |              |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 1,100,000      | 0.00 Client                             | Sell         |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 1,600,000      | 0.00 Client                             | Sell         |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 2,500,000      | 0.00 Member                             | Buy          |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 7,300,000      | 0.00 Client                             | Sell         |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 4,000,000      | 0.00 Member                             | Buy          |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 209,000,000    | 0.00 Member                             | Sell         |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 7,800,000      | 0.00 Client                             | Sell         |
| 13:32:11                   | R214              | On 04/08/2016 |                     | Bond Future   | 1               | 11,900,000     | 0.00 Member                             | Buy          |
| Total for R214 Bond Future |                   |               | 54                  | 2,010,800,000 | 0.00            |                |   |              |
|                            | l for all Instrum |               |                     |               | 1319            | 77,173,460,000 | 0.00                                    |              |