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Johannesburg Stock Exchange

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Registration number: 2005/022939/06 VAT number: 4080119391

Matched Time	Contract I	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
16:42:30	12029	On 01/08/2019			Bond Future	1	25,000,000	0.00 Member	Sell
16:42:30	12029	On 01/08/2019			Bond Future	1	25,000,000	0.00 Member	Buy
17:06:54	12029	On 01/08/2019			Bond Future	1	25,000,000	0.00 Member	Buy
17:06:54	12029	On 01/08/2019			Bond Future	1	25,000,000	0.00 Client	Sell
Total for I202	9 Bond Future					4	100,000,000	0.00	
9:13:25	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Member	Sell
9:13:25	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Member	Buy
9:14:03	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Member	Buy
9:14:03	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Member	Sell
10:13:07	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Member	Buy
10:13:07	R186	On 01/08/2019			Bond Future	1	1,000,000	0.00 Client	Sell

INTEREST RATE AND CURRENCY DERIVATIVES

DERIVATIVES MATCHED TRADES REPORT

REPORT FOR 06/05/2019

Matched Time	Contract D	etails	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
Total for R18	6 Bond Future					6	6,000,000	0.00	
9:53:45	R2030	On 07/11/2019	9.70	Put	Bond Future	1	900,000	0.00 Member	Sell
9:53:45	R2030	On 07/11/2019	9.12	Call	Bond Future	1	900,000	0.00 Member	Buy
9:53:45	R2030	On 07/11/2019	8.57	Call	Bond Future	1	900,000	0.00 Member	Sell
9:53:45	R2030	On 07/11/2019	9.12	Call	Bond Future	1	2,063,100,000	0.00 Member	Sell
9:53:45	R2030	On 07/11/2019	8.57	Call	Bond Future	1	2,063,100,000	0.00 Member	Buy
9:53:45	R2030	On 07/11/2019	9.70	Put	Bond Future	1	2,063,100,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	130,700,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	90,200,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	81,000,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	248,700,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	472,400,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	248,700,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	90,200,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	499,500,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	499,500,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	93,100,000	0.00 Client	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	499,500,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	472,400,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	472,400,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	130,700,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	93,100,000	0.00 Member	Buy
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	93,100,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	90,200,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	81,000,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	248,700,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	130,700,000	0.00 Member	Sell
13:43:59	R2030	On 07/11/2019	9.70	Put	Bond Future	1	81,000,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	42,900,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	27,000,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,500,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	16,900,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	16,000,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019 On 07/11/2019	9.70 9.70	Put	Bond Future	1	16,000,000	0.00 Member	Sell

Matched Time	Contract D	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	21,500,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	18,700,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,300,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,200,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,200,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	9,500,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	14,100,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,800,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	25,200,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	27,000,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	25,200,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	25,200,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,600,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	14,100,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,500,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	14,100,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	18,700,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	21,500,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,600,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,500,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,200,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	44,600,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	8,100,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,900,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,900,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	79,000,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	79,000,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	50,000,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	50,000,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	44,600,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	44,600,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,800,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	4,500,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	18,700,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,000,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	4,500,000	0.00 Member	Buy

Matched Time	Contract D	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,300,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	42,900,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,600,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,200,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,000,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	4,500,000	0.00 Member	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	27,000,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	16,900,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	50,000,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	42,900,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,200,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,900,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	79,000,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	9,500,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	16,900,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	16,000,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	8,100,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	21,500,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,200,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	9,500,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	8,100,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	11,800,000	0.00 Member	Buy
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	6,300,000	0.00 Client	Sell
13:44:00	R2030	On 07/11/2019	9.70	Put	Bond Future	1	5,000,000	0.00 Client	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,100,000	0.00 Client	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	900,000	0.00 Member	Buy
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	1,700,000	0.00 Client	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	2,300,000	0.00 Client	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	1,700,000	0.00 Member	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	2,300,000	0.00 Member	Buy
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	2,300,000	0.00 Member	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	1,700,000	0.00 Member	Buy
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,100,000	0.00 Member	Buy
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	3,100,000	0.00 Member	Sell
13:44:01	R2030	On 07/11/2019	9.70	Put	Bond Future	1	900,000	0.00 Client	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,900,000	0.00 Member	Buy

Matched Time	Contract E	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	27,000,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	25,200,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	21,500,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	14,100,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	14,100,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	14,100,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	18,700,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	18,700,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	18,700,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,000,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	499,500,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	499,500,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	81,000,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	248,700,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	130,700,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	93,100,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	93,100,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	248,700,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	79,000,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	499,500,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	93,100,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	90,200,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	90,200,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	81,000,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	90,200,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	472,400,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	248,700,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	50,000,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	44,600,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	42,900,000	0.00 Member	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	27,000,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,900,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	25,200,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	21,500,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	44,600,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	50,000,000	0.00 Member	Sell

Matched Time	Contract E	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	79,000,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	42,900,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	79,000,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	130,700,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	472,400,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	44,600,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,000,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,000,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	25,200,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	50,000,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	21,500,000	0.00 Member	Sell
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	16,900,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	81,000,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	42,900,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	27,000,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	472,400,000	0.00 Client	Buy
13:46:56	R2030	On 07/11/2019	9.12	Call	Bond Future	1	130,700,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,000,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,100,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	1,700,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,200,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	4,500,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,600,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	8,100,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,600,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,500,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,200,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	8,100,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	2,300,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	1,700,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	2,300,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,200,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,200,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	900,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	900,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,000,000	0.00 Member	Sell

Matched Time	Contract E	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,500,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,800,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,300,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,000,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	4,500,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	9,500,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	8,100,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,900,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,900,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	4,500,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,600,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,100,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,300,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	5,200,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	1,700,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	3,100,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	2,300,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,800,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,900,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	6,300,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,500,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,200,000	0.00 Member	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	9,500,000	0.00 Member	Sell
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	9,500,000	0.00 Client	Buy
13:46:57	R2030	On 07/11/2019	9.12	Call	Bond Future	1	11,800,000	0.00 Member	Buy
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	499,500,000	0.00 Client	Sell
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	248,700,000	0.00 Client	Sell
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	248,700,000	0.00 Member	Buy
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	472,400,000	0.00 Client	Sell
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	499,500,000	0.00 Member	Buy
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	472,400,000	0.00 Member	Buy
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	472,400,000	0.00 Member	Sell
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	248,700,000	0.00 Member	Sell
13:49:21	R2030	On 07/11/2019	8.57	Call	Bond Future	1	499,500,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	79,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,900,000	0.00 Client	Sell

Matched Time	Contract E	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	50,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,300,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	44,600,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	27,000,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	8,100,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,900,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,300,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,600,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,100,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,100,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	18,700,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,900,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	25,200,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	21,500,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,500,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,200,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	9,500,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	14,100,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	14,100,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,800,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	44,600,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	42,900,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	27,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	81,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	79,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	9,500,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	14,100,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,800,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,500,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,000,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	21,500,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,200,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,000,000	0.00 Member	Buy

Matched Time	Contract D	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	4,500,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,900,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,300,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,200,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,200,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	4,500,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	8,100,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	27,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	8,100,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	130,700,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	5,200,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	4,500,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	130,700,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	93,100,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	93,100,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	90,200,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	18,700,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,100,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	50,000,000	0.00 Member	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	93,100,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	9,500,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	18,700,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	42,900,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	79,000,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	50,000,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	130,700,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	42,900,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	16,900,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	44,600,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	81,000,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	21,500,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,600,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,200,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	6,900,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	3,600,000	0.00 Client	Sell

Matched Time	Contract D	etails	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	90,200,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	25,200,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	25,200,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	81,000,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	90,200,000	0.00 Member	Buy
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,800,000	0.00 Client	Sell
13:49:22	R2030	On 07/11/2019	8.57	Call	Bond Future	1	11,500,000	0.00 Client	Sell
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	900,000	0.00 Client	Sell
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	2,300,000	0.00 Member	Buy
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	2,300,000	0.00 Client	Sell
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	1,700,000	0.00 Member	Buy
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	900,000	0.00 Member	Buy
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	1,700,000	0.00 Member	Sell
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	2,300,000	0.00 Member	Sell
13:49:23	R2030	On 07/11/2019	8.57	Call	Bond Future	1	1,700,000	0.00 Client	Sell
Total for R20	030 Bond Future					300	24,757,200,000	0.00	
14:02:31	R2040	On 07/11/2019	9.80	Call	Bond Future	1	126,000,000	0.00 Member	Buy
14:02:31	R2040	On 07/11/2019	9.30	Call	Bond Future	1	126,000,000	0.00 Member	Sell
14:02:31	R2040	On 07/11/2019	9.30	Call	Bond Future	1	126,000,000	0.00 Member	Buy
14:02:31	R2040	On 07/11/2019	9.80	Call	Bond Future	1	126,000,000	0.00 Member	Sell
14:29:12	R2040	On 07/11/2019	9.80	Call	Bond Future	1	126,000,000	0.00 Member	Sell
14:29:12	R2040	On 07/11/2019	9.80	Call	Bond Future	1	16,900,000	0.00 Member	Buy
14:29:22	R2040	On 07/11/2019	9.30	Call	Bond Future	1	126,000,000	0.00 Member	Buy
14:29:22	R2040	On 07/11/2019	9.30	Call	Bond Future	1	1,200,000	0.00 Member	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	600,000	0.00 Member	Buy
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	600,000	0.00 Member	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	16,900,000	0.00 Member	Buy
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	107,300,000	0.00 Member	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	16,900,000	0.00 Client	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	107,300,000	0.00 Client	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	16,900,000	0.00 Member	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	600,000	0.00 Client	Sell
16:07:17	R2040	On 07/11/2019	9.30	Call	Bond Future	1	107,300,000	0.00 Member	Buy
	R2040	On 07/11/2019	9.30	Call	Bond Future		1,200,000	0.00 Member	Buy

Matched Time	Contract D	Details	Strike	Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
16:07:29	R2040	On 07/11/2019	9.30	Call	Bond Future	1	1,200,000	0.00 Client	Sell
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	600,000	0.00 Member	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	107,300,000	0.00 Member	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	107,300,000	0.00 Client	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	1,200,000	0.00 Client	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	16,900,000	0.00 Client	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	600,000	0.00 Client	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	1,200,000	0.00 Member	Buy
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	600,000	0.00 Member	Sell
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	107,300,000	0.00 Member	Sell
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	1,200,000	0.00 Member	Sell
16:07:52	R2040	On 07/11/2019	9.80	Call	Bond Future	1	16,900,000	0.00 Member	Sell
Total for R20	040 Bond Future					30	1,512,000,000	0.00	
12:40:29	R2044	On 06/02/2020	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 06/02/2020	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 06/02/2020	9.09	Call	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 06/02/2020	9.09	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 06/02/2020	10.78	Put	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 06/02/2020	10.78	Put	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 07/11/2019	10.52	Put	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 07/11/2019	10.52	Put	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 07/11/2019	9.19	Call	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 07/11/2019	9.19	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 07/11/2019	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 07/11/2019	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 01/08/2019	9.39	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 01/08/2019	10.27	Put	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 01/08/2019	10.27	Put	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 01/08/2019	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Sell
12:40:29	R2044	On 01/08/2019	9.74	Call	Bond Future	1	10,000,000	0.00 Client	Buy
12:40:29	R2044	On 01/08/2019	9.39	Call	Bond Future	1	10,000,000	0.00 Client	Sell
16:51:23	R2044	On 01/08/2019			Bond Future	1	300,000	0.00 Member	Sell
16:51:23	R2044	On 01/08/2019			Bond Future	1	300,000	0.00 Member	Buy
17:10:52	R2044	On 01/08/2019			Bond Future		300,000	0.00 Member	Sell

Matched Time	Contract D	Details	Strike Call/ Put	Product	No of Trades	Nominal	Trade Type	Buy/ Sell
7:10:52	R2044	On 01/08/2019		Bond Future	1	300,000	0.00 Client	Buy
Total for R20	44 Bond Future				22	181,200,000	0.00	
9:14:28	R2048	On 01/08/2019		Bond Future	1	170,000,000	0.00 Member	Sell
9:14:28	R2048	On 01/08/2019		Bond Future	1	170,000,000	0.00 Member	Buy
Total for R20	48 Bond Future				2	340,000,000	0.00	
9:33:35	R209	On 01/08/2019		Bond Future	1	700,000	0.00 Client	Sell
9:33:35	R209	On 01/08/2019		Bond Future	1	700,000	0.00 Client	Buy
Total for R20	9 Bond Future				2	1,400,000	0.00	
Grand Tota	I for all Instrum	ents			366	26,897,800,000	0.00	