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## INTEREST RATE AND CURRENCY DERIVATIVES

### DERIVATIVES DAILY DETAILED TURNOVER REPORT

FROM DATE : 13/10/2017

TO DATE : 13/10/2017

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Contract	Strike	C/P	Buy/Sell	No. of Contracts
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#### All Bond Index

ALBI On 01/02/2018	Index Future		Buy	2	0.00
ALBI On 01/02/2018	Index Future		Sell	2	0.00

#### I2038 Bond Future

2038 On 01/02/2018	Bond Future		Sell	2,747	0.00
2038 On 01/02/2018	Bond Future		Buy	2,747	0.00

#### R186 Bond Future

R186 On 02/11/2017	Bond Future		Buy	2	0.00
R186 On 02/11/2017	Bond Future		Sell	2	0.00
R186 On 02/11/2017	Bond Future		Buy	3	0.00
R186 On 02/11/2017	Bond Future		Sell	3	0.00
R186 On 02/11/2017	Bond Future		Buy	4	0.00
R186 On 02/11/2017	Bond Future		Sell	4	0.00

R186 On 02/11/2017	Bond Future	Buy	5	0.00
R186 On 02/11/2017	Bond Future	Sell	5	0.00
R186 On 02/11/2017	Bond Future	Buy	6	0.00
R186 On 02/11/2017	Bond Future	Sell	6	0.00
R186 On 02/11/2017	Bond Future	Sell	7	0.00
R186 On 02/11/2017	Bond Future	Buy	7	0.00
R186 On 01/02/2018	Bond Future	Buy	7	0.00
R186 On 01/02/2018	Bond Future	Sell	7	0.00
R186 On 02/11/2017	Bond Future	Buy	8	0.00
R186 On 02/11/2017	Bond Future	Sell	8	0.00
R186 On 02/11/2017	Bond Future	Sell	8	0.00
R186 On 02/11/2017	Bond Future	Buy	8	0.00
R186 On 01/02/2018	Bond Future	Buy	8	0.00
R186 On 01/02/2018	Bond Future	Sell	8	0.00
R186 On 02/11/2017	Bond Future	Buy	9	0.00
R186 On 02/11/2017	Bond Future	Sell	9	0.00
R186 On 02/11/2017	Bond Future	Sell	11	0.00
R186 On 02/11/2017	Bond Future	Buy	11	0.00
R186 On 02/11/2017	Bond Future	Sell	11	0.00
R186 On 02/11/2017	Bond Future	Buy	11	0.00
R186 On 02/11/2017	Bond Future	Buy	19	0.00
R186 On 02/11/2017	Bond Future	Sell	19	0.00
R186 On 02/11/2017	Bond Future	Sell	19	0.00
R186 On 02/11/2017	Bond Future	Buy	19	0.00
R186 On 02/11/2017	Bond Future	Buy	20	0.00
R186 On 02/11/2017	Bond Future	Sell	20	0.00
R186 On 02/11/2017	Bond Future	Buy	23	0.00
R186 On 02/11/2017	Bond Future	Sell	23	0.00
R186 On 02/11/2017	Bond Future	Buy	24	0.00
R186 On 02/11/2017	Bond Future	Sell	24	0.00
R186 On 02/11/2017	Bond Future	Sell	27	0.00
R186 On 02/11/2017	Bond Future	Buy	27	0.00
R186 On 02/11/2017	Bond Future	Buy	33	0.00
R186 On 02/11/2017	Bond Future	Sell	33	0.00
R186 On 02/11/2017	Bond Future	Buy	33	0.00
R186 On 02/11/2017	Bond Future	Sell	33	0.00
R186 On 02/11/2017	Bond Future	Buy	35	0.00
R186 On 02/11/2017	Bond Future	Sell	35	0.00
R186 On 01/02/2018	Bond Future	Buy	35	0.00
R186 On 01/02/2018	Bond Future	Sell	35	0.00
R186 On 01/02/2018	Bond Future	Sell	35	0.00
R186 On 01/02/2018	Bond Future	Buy	35	0.00
R186 On 02/11/2017	Bond Future	Sell	38	0.00
R186 On 02/11/2017	Bond Future	Buy	38	0.00
R186 On 02/11/2017	Bond Future	Sell	39	0.00
R186 On 02/11/2017	Bond Future	Buy	39	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R186 On 02/11/2017	Bond Future		Sell	42	0.00
R186 On 02/11/2017	Bond Future		Buy	42	0.00
R186 On 02/11/2017	Bond Future		Buy	44	0.00
R186 On 02/11/2017	Bond Future		Sell	44	0.00
R186 On 02/11/2017	Bond Future		Sell	45	0.00
R186 On 02/11/2017	Bond Future		Buy	45	0.00
R186 On 01/02/2018	Bond Future		Buy	46	0.00
R186 On 01/02/2018	Bond Future		Sell	46	0.00
R186 On 02/11/2017	Bond Future		Sell	47	0.00
R186 On 02/11/2017	Bond Future		Buy	47	0.00
R186 On 02/11/2017	Bond Future		Buy	50	0.00
R186 On 02/11/2017	Bond Future		Sell	50	0.00
R186 On 02/11/2017	Bond Future		Sell	50	0.00
R186 On 02/11/2017	Bond Future		Buy	50	0.00
R186 On 01/02/2018	Bond Future		Buy	53	0.00
R186 On 01/02/2018	Bond Future		Sell	53	0.00
R186 On 01/02/2018	Bond Future		Buy	60	0.00
R186 On 01/02/2018	Bond Future		Sell	60	0.00
R186 On 02/11/2017	Bond Future		Buy	80	0.00
R186 On 02/11/2017	Bond Future		Sell	80	0.00
R186 On 01/02/2018	Bond Future		Sell	80	0.00
R186 On 01/02/2018	Bond Future		Buy	80	0.00
R186 On 02/11/2017	Bond Future		Sell	85	0.00
R186 On 02/11/2017	Bond Future		Buy	85	0.00
R186 On 02/11/2017	Bond Future		Buy	91	0.00
R186 On 02/11/2017	Bond Future		Sell	91	0.00
R186 On 02/11/2017	Bond Future		Buy	91	0.00
R186 On 02/11/2017	Bond Future		Sell	91	0.00
R186 On 01/02/2018	Bond Future		Buy	91	0.00
R186 On 01/02/2018	Bond Future		Sell	91	0.00
R186 On 02/11/2017	Bond Future		Buy	100	0.00
R186 On 02/11/2017	Bond Future		Sell	100	0.00
R186 On 02/11/2017	Bond Future		Sell	108	0.00
R186 On 02/11/2017	Bond Future		Buy	108	0.00
R186 On 02/11/2017	Bond Future		Sell	112	0.00
R186 On 02/11/2017	Bond Future		Buy	112	0.00
R186 On 02/11/2017	Bond Future		Sell	164	0.00
R186 On 02/11/2017	Bond Future		Buy	164	0.00
R186 On 01/02/2018	Bond Future		Buy	171	0.00
R186 On 01/02/2018	Bond Future		Sell	171	0.00
R186 On 01/02/2018	Bond Future		Buy	210	0.00
R186 On 01/02/2018	Bond Future		Sell	210	0.00

R186 On 01/02/2018	Bond Future	Sell	212	0.00
R186 On 01/02/2018	Bond Future	Buy	212	0.00
R186 On 01/02/2018	Bond Future	Buy	217	0.00
R186 On 01/02/2018	Bond Future	Sell	217	0.00
R186 On 02/11/2017	Bond Future	Sell	231	0.00
R186 On 02/11/2017	Bond Future	Buy	231	0.00
R186 On 02/11/2017	Bond Future	Buy	233	0.00
R186 On 02/11/2017	Bond Future	Sell	233	0.00
R186 On 02/11/2017	Bond Future	Buy	236	0.00
R186 On 02/11/2017	Bond Future	Sell	236	0.00
R186 On 02/11/2017	Bond Future	Sell	237	0.00
R186 On 02/11/2017	Bond Future	Buy	237	0.00
R186 On 01/02/2018	Bond Future	Buy	237	0.00
R186 On 01/02/2018	Bond Future	Sell	237	0.00
R186 On 02/11/2017	Bond Future	Sell	249	0.00
R186 On 02/11/2017	Bond Future	Buy	249	0.00
R186 On 02/11/2017	Bond Future	Sell	249	0.00
R186 On 02/11/2017	Bond Future	Buy	249	0.00
R186 On 01/02/2018	Bond Future	Buy	305	0.00
R186 On 01/02/2018	Bond Future	Sell	305	0.00
R186 On 02/11/2017	Bond Future	Sell	370	0.00
R186 On 02/11/2017	Bond Future	Buy	370	0.00
R186 On 01/02/2018	Bond Future	Buy	389	0.00
R186 On 01/02/2018	Bond Future	Sell	389	0.00
R186 On 02/11/2017	Bond Future	Sell	414	0.00
R186 On 02/11/2017	Bond Future	Buy	414	0.00
R186 On 01/02/2018	Bond Future	Buy	447	0.00
R186 On 01/02/2018	Bond Future	Sell	447	0.00
R186 On 02/11/2017	Bond Future	Sell	560	0.00
R186 On 02/11/2017	Bond Future	Buy	560	0.00
R186 On 01/02/2018	Bond Future	Sell	567	0.00
R186 On 01/02/2018	Bond Future	Buy	567	0.00
R186 On 02/11/2017	Bond Future	Sell	575	0.00
R186 On 02/11/2017	Bond Future	Buy	575	0.00
R186 On 01/02/2018	Bond Future	Buy	635	0.00
R186 On 01/02/2018	Bond Future	Sell	635	0.00
R186 On 02/11/2017	Bond Future	Buy	658	0.00
R186 On 02/11/2017	Bond Future	Sell	658	0.00
R186 On 01/02/2018	Bond Future	Buy	683	0.00
R186 On 01/02/2018	Bond Future	Sell	683	0.00
R186 On 01/02/2018	Bond Future	Buy	828	0.00
R186 On 01/02/2018	Bond Future	Sell	828	0.00
R186 On 01/02/2018	Bond Future	Sell	871	0.00
R186 On 01/02/2018	Bond Future	Buy	871	0.00
R186 On 02/11/2017	Bond Future	Buy	959	0.00
R186 On 02/11/2017	Bond Future	Sell	959	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R186 On 02/11/2017	Bond Future		Buy	1,042	0.00
R186 On 02/11/2017	Bond Future		Sell	1,042	0.00
R186 On 02/11/2017	Bond Future		Sell	1,066	0.00
R186 On 02/11/2017	Bond Future		Buy	1,066	0.00
R186 On 01/02/2018	Bond Future		Buy	1,066	0.00
R186 On 01/02/2018	Bond Future		Sell	1,066	0.00
R186 On 01/02/2018	Bond Future		Sell	1,171	0.00
R186 On 01/02/2018	Bond Future		Buy	1,171	0.00
R186 On 02/11/2017	Bond Future		Sell	1,964	0.00
R186 On 02/11/2017	Bond Future		Buy	1,964	0.00
R186 On 01/02/2018	Bond Future		Buy	1,964	0.00
R186 On 01/02/2018	Bond Future		Sell	1,964	0.00
R186 On 02/11/2017	Bond Future		Sell	2,741	0.00
R186 On 02/11/2017	Bond Future		Buy	2,741	0.00
R186 On 01/02/2018	Bond Future		Buy	2,741	0.00
R186 On 01/02/2018	Bond Future		Sell	2,741	0.00
R186 On 02/11/2017	Bond Future		Buy	3,149	0.00
R186 On 02/11/2017	Bond Future		Sell	3,149	0.00
R186 On 01/02/2018	Bond Future		Sell	3,624	0.00
R186 On 01/02/2018	Bond Future		Buy	3,624	0.00
R186 On 02/11/2017	Bond Future		Buy	9,140	0.00
R186 On 02/11/2017	Bond Future		Sell	9,140	0.00
R186 On 01/02/2018	Bond Future		Sell	10,272	0.00
R186 On 01/02/2018	Bond Future		Buy	10,272	0.00
R186 On 02/11/2017	Bond Future		Sell	13,391	0.00
R186 On 02/11/2017	Bond Future		Buy	13,391	0.00
R186 On 01/02/2018	Bond Future		Buy	13,391	0.00
R186 On 01/02/2018	Bond Future		Sell	13,391	0.00
R186 On 02/11/2017	Bond Future		Buy	15,299	0.00
R186 On 02/11/2017	Bond Future		Sell	15,299	0.00
R186 On 01/02/2018	Bond Future		Buy	16,832	0.00
R186 On 01/02/2018	Bond Future		Sell	16,832	0.00
R186 On 02/11/2017	Bond Future		Sell	22,302	0.00
R186 On 02/11/2017	Bond Future		Buy	22,302	0.00
R186 On 01/02/2018	Bond Future		Buy	23,584	0.00
R186 On 01/02/2018	Bond Future		Sell	23,584	0.00
<b>R2023 Bond Future</b>					
R023 On 02/11/2017	Bond Future		Buy	110	0.00
R023 On 02/11/2017	Bond Future		Sell	110	0.00
R023 On 02/11/2017	Bond Future		Sell	110	0.00
R023 On 02/11/2017	Bond Future		Buy	110	0.00

**R2030 Bond Future**

2030 On 02/11/2017	Bond Future	Buy	32	0.00
2030 On 02/11/2017	Bond Future	Sell	32	0.00
2030 On 01/02/2018	Bond Future	Sell	32	0.00
2030 On 01/02/2018	Bond Future	Buy	32	0.00
2030 On 02/11/2017	Bond Future	Buy	60	0.00
2030 On 02/11/2017	Bond Future	Sell	60	0.00
2030 On 01/02/2018	Bond Future	Sell	60	0.00
2030 On 01/02/2018	Bond Future	Buy	60	0.00
2030 On 02/11/2017	Bond Future	Buy	66	0.00
2030 On 02/11/2017	Bond Future	Sell	66	0.00
2030 On 01/02/2018	Bond Future	Sell	66	0.00
2030 On 01/02/2018	Bond Future	Buy	66	0.00
2030 On 02/11/2017	Bond Future	Buy	300	0.00
2030 On 02/11/2017	Bond Future	Sell	300	0.00
2030 On 01/02/2018	Bond Future	Sell	300	0.00
2030 On 01/02/2018	Bond Future	Buy	300	0.00
2030 On 02/11/2017	Bond Future	Buy	356	0.00
2030 On 02/11/2017	Bond Future	Sell	356	0.00
2030 On 01/02/2018	Bond Future	Sell	356	0.00
2030 On 01/02/2018	Bond Future	Buy	356	0.00
2030 On 02/11/2017	Bond Future	Buy	402	0.00
2030 On 02/11/2017	Bond Future	Sell	402	0.00
2030 On 01/02/2018	Bond Future	Sell	402	0.00
2030 On 01/02/2018	Bond Future	Buy	402	0.00
2030 On 02/11/2017	Bond Future	Buy	650	0.00
2030 On 02/11/2017	Bond Future	Sell	650	0.00
2030 On 01/02/2018	Bond Future	Sell	650	0.00
2030 On 01/02/2018	Bond Future	Buy	650	0.00
2030 On 02/11/2017	Bond Future	Sell	722	0.00
2030 On 02/11/2017	Bond Future	Buy	722	0.00
2030 On 01/02/2018	Bond Future	Buy	722	0.00
2030 On 01/02/2018	Bond Future	Sell	722	0.00
2030 On 02/11/2017	Bond Future	Buy	1,320	0.00
2030 On 02/11/2017	Bond Future	Sell	1,320	0.00
2030 On 01/02/2018	Bond Future	Sell	1,320	0.00
2030 On 01/02/2018	Bond Future	Buy	1,320	0.00
2030 On 02/11/2017	Bond Future	Buy	2,991	0.00
2030 On 02/11/2017	Bond Future	Sell	2,991	0.00
2030 On 01/02/2018	Bond Future	Sell	2,991	0.00
2030 On 01/02/2018	Bond Future	Buy	2,991	0.00
2030 On 02/11/2017	Bond Future	Sell	3,388	0.00
2030 On 02/11/2017	Bond Future	Buy	3,388	0.00
2030 On 01/02/2018	Bond Future	Buy	3,388	0.00
2030 On 01/02/2018	Bond Future	Sell	3,388	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
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2030 On 02/11/2017	Bond Future		Buy	4,110	0.00
2030 On 02/11/2017	Bond Future		Sell	4,110	0.00
2030 On 01/02/2018	Bond Future		Sell	4,110	0.00
2030 On 01/02/2018	Bond Future		Buy	4,110	0.00
2030 On 02/11/2017	Bond Future		Buy	6,177	0.00
2030 On 02/11/2017	Bond Future		Sell	6,177	0.00
2030 On 01/02/2018	Bond Future		Buy	6,177	0.00
2030 On 01/02/2018	Bond Future		Sell	6,177	0.00

**R2032 Bond Future**

2032 On 02/11/2017	Bond Future		Buy	26	0.00
2032 On 02/11/2017	Bond Future		Sell	26	0.00
2032 On 01/02/2018	Bond Future		Sell	26	0.00
2032 On 01/02/2018	Bond Future		Buy	26	0.00
2032 On 02/11/2017	Bond Future		Buy	73	0.00
2032 On 02/11/2017	Bond Future		Sell	73	0.00
2032 On 01/02/2018	Bond Future		Sell	73	0.00
2032 On 01/02/2018	Bond Future		Buy	73	0.00
2032 On 02/11/2017	Bond Future		Buy	133	0.00
2032 On 02/11/2017	Bond Future		Sell	133	0.00
2032 On 02/11/2017	Bond Future		Buy	225	0.00
2032 On 02/11/2017	Bond Future		Sell	225	0.00
2032 On 01/02/2018	Bond Future		Sell	225	0.00
2032 On 01/02/2018	Bond Future		Buy	225	0.00
2032 On 02/11/2017	Bond Future		Buy	514	0.00
2032 On 02/11/2017	Bond Future		Sell	514	0.00
2032 On 01/02/2018	Bond Future		Sell	514	0.00
2032 On 01/02/2018	Bond Future		Buy	514	0.00
2032 On 02/11/2017	Bond Future		Buy	753	0.00
2032 On 02/11/2017	Bond Future		Sell	753	0.00
2032 On 01/02/2018	Bond Future		Sell	753	0.00
2032 On 01/02/2018	Bond Future		Buy	753	0.00
2032 On 02/11/2017	Bond Future		Buy	943	0.00
2032 On 02/11/2017	Bond Future		Sell	943	0.00
2032 On 01/02/2018	Bond Future		Sell	943	0.00
2032 On 01/02/2018	Bond Future		Buy	943	0.00
2032 On 02/11/2017	Bond Future		Buy	1,846	0.00
2032 On 02/11/2017	Bond Future		Sell	1,846	0.00
2032 On 01/02/2018	Bond Future		Sell	1,846	0.00
2032 On 01/02/2018	Bond Future		Buy	1,846	0.00
2032 On 02/11/2017	Bond Future		Buy	2,756	0.00
2032 On 02/11/2017	Bond Future		Sell	2,756	0.00

2032 On 01/02/2018	Bond Future	Sell	2,756	0.00
2032 On 01/02/2018	Bond Future	Buy	2,756	0.00
2032 On 01/02/2018	Bond Future	Sell	7,136	0.00
2032 On 01/02/2018	Bond Future	Buy	7,136	0.00
2032 On 02/11/2017	Bond Future	Buy	7,269	0.00
2032 On 02/11/2017	Bond Future	Sell	7,269	0.00

**R2037 Bond Future**

2037 On 02/11/2017	Bond Future	Buy	3	0.00
2037 On 02/11/2017	Bond Future	Sell	3	0.00
2037 On 02/11/2017	Bond Future	Buy	13	0.00
2037 On 02/11/2017	Bond Future	Sell	13	0.00
2037 On 01/02/2018	Bond Future	Sell	13	0.00
2037 On 01/02/2018	Bond Future	Buy	13	0.00
2037 On 02/11/2017	Bond Future	Buy	15	0.00
2037 On 02/11/2017	Bond Future	Sell	15	0.00
2037 On 02/11/2017	Bond Future	Buy	22	0.00
2037 On 02/11/2017	Bond Future	Sell	22	0.00
2037 On 01/02/2018	Bond Future	Buy	33	0.00
2037 On 01/02/2018	Bond Future	Sell	33	0.00
2037 On 02/11/2017	Bond Future	Buy	35	0.00
2037 On 02/11/2017	Bond Future	Sell	35	0.00
2037 On 01/02/2018	Bond Future	Sell	35	0.00
2037 On 01/02/2018	Bond Future	Buy	35	0.00
2037 On 02/11/2017	Bond Future	Buy	36	0.00
2037 On 02/11/2017	Bond Future	Sell	36	0.00
2037 On 02/11/2017	Bond Future	Buy	47	0.00
2037 On 02/11/2017	Bond Future	Sell	47	0.00
2037 On 02/11/2017	Bond Future	Buy	54	0.00
2037 On 02/11/2017	Bond Future	Sell	54	0.00
2037 On 01/02/2018	Bond Future	Sell	54	0.00
2037 On 01/02/2018	Bond Future	Buy	54	0.00
2037 On 02/11/2017	Bond Future	Buy	60	0.00
2037 On 02/11/2017	Bond Future	Sell	60	0.00
2037 On 01/02/2018	Bond Future	Sell	60	0.00
2037 On 01/02/2018	Bond Future	Buy	60	0.00
2037 On 02/11/2017	Bond Future	Buy	85	0.00
2037 On 02/11/2017	Bond Future	Sell	85	0.00
2037 On 01/02/2018	Bond Future	Sell	85	0.00
2037 On 01/02/2018	Bond Future	Buy	85	0.00
2037 On 02/11/2017	Bond Future	Buy	135	0.00
2037 On 02/11/2017	Bond Future	Sell	135	0.00
2037 On 02/11/2017	Bond Future	Buy	145	0.00
2037 On 02/11/2017	Bond Future	Sell	145	0.00
2037 On 01/02/2018	Bond Future	Buy	149	0.00
2037 On 01/02/2018	Bond Future	Sell	149	0.00



Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2037 On 01/02/2018	Bond Future		Buy	152	0.00
2037 On 01/02/2018	Bond Future		Sell	152	0.00
2037 On 02/11/2017	Bond Future		Buy	161	0.00
2037 On 02/11/2017	Bond Future		Sell	161	0.00
2037 On 02/11/2017	Bond Future		Buy	177	0.00
2037 On 02/11/2017	Bond Future		Sell	177	0.00
2037 On 01/02/2018	Bond Future		Sell	177	0.00
2037 On 01/02/2018	Bond Future		Buy	177	0.00
2037 On 02/11/2017	Bond Future		Buy	181	0.00
2037 On 02/11/2017	Bond Future		Sell	181	0.00
2037 On 01/02/2018	Bond Future		Sell	181	0.00
2037 On 01/02/2018	Bond Future		Buy	181	0.00
2037 On 01/02/2018	Bond Future		Buy	266	0.00
2037 On 01/02/2018	Bond Future		Sell	266	0.00
2037 On 01/02/2018	Bond Future		Buy	271	0.00
2037 On 01/02/2018	Bond Future		Sell	271	0.00
2037 On 02/11/2017	Bond Future		Buy	292	0.00
2037 On 02/11/2017	Bond Future		Sell	292	0.00
2037 On 02/11/2017	Bond Future		Buy	457	0.00
2037 On 02/11/2017	Bond Future		Sell	457	0.00
2037 On 01/02/2018	Bond Future		Sell	457	0.00
2037 On 01/02/2018	Bond Future		Buy	457	0.00
2037 On 01/02/2018	Bond Future		Buy	722	0.00
2037 On 01/02/2018	Bond Future		Sell	722	0.00
2037 On 02/11/2017	Bond Future		Buy	750	0.00
2037 On 02/11/2017	Bond Future		Sell	750	0.00
2037 On 01/02/2018	Bond Future		Sell	750	0.00
2037 On 01/02/2018	Bond Future		Buy	750	0.00
2037 On 02/11/2017	Bond Future		Buy	938	0.00
2037 On 02/11/2017	Bond Future		Sell	938	0.00
2037 On 01/02/2018	Bond Future		Sell	938	0.00
2037 On 01/02/2018	Bond Future		Buy	938	0.00
2037 On 02/11/2017	Bond Future		Buy	1,350	0.00
2037 On 02/11/2017	Bond Future		Sell	1,350	0.00
2037 On 01/02/2018	Bond Future		Sell	1,350	0.00
2037 On 01/02/2018	Bond Future		Buy	1,350	0.00
2037 On 01/02/2018	Bond Future		Buy	1,593	0.00
2037 On 01/02/2018	Bond Future		Sell	1,593	0.00
2037 On 02/11/2017	Bond Future		Buy	3,790	0.00
2037 On 02/11/2017	Bond Future		Sell	3,790	0.00
2037 On 01/02/2018	Bond Future		Sell	3,790	0.00
2037 On 01/02/2018	Bond Future		Buy	3,790	0.00

2037 On 02/11/2017	Bond Future	Buy	5,264	0.00
2037 On 02/11/2017	Bond Future	Sell	5,264	0.00
2037 On 01/02/2018	Bond Future	Sell	5,264	0.00
2037 On 01/02/2018	Bond Future	Buy	5,264	0.00
2037 On 01/02/2018	Bond Future	Buy	13,154	0.00
2037 On 01/02/2018	Bond Future	Sell	13,154	0.00
2037 On 02/11/2017	Bond Future	Buy	14,010	0.00
2037 On 02/11/2017	Bond Future	Sell	14,010	0.00

**R204 Bond Future**

R204 On 01/02/2018	Bond Future	Buy	1	0.00
R204 On 01/02/2018	Bond Future	Sell	1	0.00
R204 On 02/11/2017	Bond Future	Sell	2	0.00
R204 On 02/11/2017	Bond Future	Buy	2	0.00
R204 On 01/02/2018	Bond Future	Buy	2	0.00
R204 On 01/02/2018	Bond Future	Sell	2	0.00
R204 On 02/11/2017	Bond Future	Sell	5	0.00
R204 On 02/11/2017	Bond Future	Buy	5	0.00
R204 On 01/02/2018	Bond Future	Buy	5	0.00
R204 On 01/02/2018	Bond Future	Sell	5	0.00
R204 On 02/11/2017	Bond Future	Sell	7	0.00
R204 On 02/11/2017	Bond Future	Buy	7	0.00
R204 On 01/02/2018	Bond Future	Buy	7	0.00
R204 On 01/02/2018	Bond Future	Sell	7	0.00
R204 On 02/11/2017	Bond Future	Sell	18	0.00
R204 On 02/11/2017	Bond Future	Buy	18	0.00
R204 On 01/02/2018	Bond Future	Buy	18	0.00
R204 On 01/02/2018	Bond Future	Sell	18	0.00
R204 On 02/11/2017	Bond Future	Sell	47	0.00
R204 On 02/11/2017	Bond Future	Buy	47	0.00
R204 On 01/02/2018	Bond Future	Buy	47	0.00
R204 On 01/02/2018	Bond Future	Sell	47	0.00
R204 On 02/11/2017	Bond Future	Sell	49	0.00
R204 On 02/11/2017	Bond Future	Buy	49	0.00
R204 On 01/02/2018	Bond Future	Buy	49	0.00
R204 On 01/02/2018	Bond Future	Sell	49	0.00
R204 On 01/02/2018	Bond Future	Buy	90	0.00
R204 On 01/02/2018	Bond Future	Sell	90	0.00
R204 On 02/11/2017	Bond Future	Sell	94	0.00
R204 On 02/11/2017	Bond Future	Buy	94	0.00
R204 On 02/11/2017	Bond Future	Sell	105	0.00
R204 On 02/11/2017	Bond Future	Buy	105	0.00
R204 On 02/11/2017	Bond Future	Sell	124	0.00
R204 On 02/11/2017	Bond Future	Buy	124	0.00
R204 On 02/11/2017	Bond Future	Sell	124	0.00
R204 On 02/11/2017	Bond Future	Buy	124	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R204 On 02/11/2017	Bond Future		Sell	161	0.00
R204 On 02/11/2017	Bond Future		Buy	161	0.00
R204 On 02/11/2017	Bond Future		Sell	166	0.00
R204 On 02/11/2017	Bond Future		Buy	166	0.00
R204 On 01/02/2018	Bond Future		Buy	172	0.00
R204 On 01/02/2018	Bond Future		Sell	172	0.00
R204 On 02/11/2017	Bond Future		Sell	189	0.00
R204 On 02/11/2017	Bond Future		Buy	189	0.00
R204 On 02/11/2017	Bond Future		Sell	210	0.00
R204 On 02/11/2017	Bond Future		Buy	210	0.00
R204 On 01/02/2018	Bond Future		Buy	254	0.00
R204 On 01/02/2018	Bond Future		Sell	254	0.00
R204 On 02/11/2017	Bond Future		Sell	278	0.00
R204 On 02/11/2017	Bond Future		Buy	278	0.00
R204 On 02/11/2017	Bond Future		Buy	278	0.00
R204 On 02/11/2017	Bond Future		Sell	278	0.00
R204 On 01/02/2018	Bond Future		Sell	278	0.00
R204 On 01/02/2018	Bond Future		Buy	278	0.00
R204 On 01/02/2018	Bond Future		Buy	470	0.00
R204 On 01/02/2018	Bond Future		Sell	470	0.00
R204 On 02/11/2017	Bond Future		Sell	620	0.00
R204 On 02/11/2017	Bond Future		Buy	620	0.00
R204 On 01/02/2018	Bond Future		Buy	620	0.00
R204 On 01/02/2018	Bond Future		Sell	620	0.00
R204 On 02/11/2017	Bond Future		Sell	711	0.00
R204 On 02/11/2017	Bond Future		Buy	711	0.00
R204 On 02/11/2017	Bond Future		Sell	1,064	0.00
R204 On 02/11/2017	Bond Future		Buy	1,064	0.00
R204 On 01/02/2018	Bond Future		Buy	1,070	0.00
R204 On 01/02/2018	Bond Future		Sell	1,070	0.00
R204 On 01/02/2018	Bond Future		Buy	1,096	0.00
R204 On 01/02/2018	Bond Future		Sell	1,096	0.00
R204 On 02/11/2017	Bond Future		Sell	1,110	0.00
R204 On 02/11/2017	Bond Future		Buy	1,110	0.00
R204 On 01/02/2018	Bond Future		Sell	1,152	0.00
R204 On 01/02/2018	Bond Future		Buy	1,152	0.00
R204 On 02/11/2017	Bond Future		Sell	1,159	0.00
R204 On 02/11/2017	Bond Future		Buy	1,159	0.00
R204 On 02/11/2017	Bond Future		Sell	1,411	0.00
R204 On 02/11/2017	Bond Future		Buy	1,411	0.00
R204 On 01/02/2018	Bond Future		Buy	1,411	0.00
R204 On 01/02/2018	Bond Future		Sell	1,411	0.00

R204 On 01/02/2018	Bond Future	Buy	1,430	0.00
R204 On 01/02/2018	Bond Future	Sell	1,430	0.00
R204 On 01/02/2018	Bond Future	Sell	1,430	0.00
R204 On 01/02/2018	Bond Future	Buy	1,430	0.00
R204 On 01/02/2018	Bond Future	Buy	1,430	0.00
R204 On 01/02/2018	Bond Future	Sell	1,430	0.00
R204 On 01/02/2018	Bond Future	Sell	1,430	0.00
R204 On 01/02/2018	Bond Future	Buy	1,430	0.00
R204 On 01/02/2018	Bond Future	Buy	1,430	0.00
R204 On 01/02/2018	Bond Future	Sell	1,430	0.00
R204 On 01/02/2018	Bond Future	Buy	1,823	0.00
R204 On 01/02/2018	Bond Future	Sell	1,823	0.00
R204 On 02/11/2017	Bond Future	Sell	2,967	0.00
R204 On 02/11/2017	Bond Future	Buy	2,967	0.00
R204 On 01/02/2018	Bond Future	Buy	3,054	0.00
R204 On 01/02/2018	Bond Future	Sell	3,054	0.00
R204 On 02/11/2017	Bond Future	Sell	5,921	0.00
R204 On 02/11/2017	Bond Future	Buy	5,921	0.00
R204 On 01/02/2018	Bond Future	Sell	10,009	0.00
R204 On 01/02/2018	Bond Future	Buy	10,009	0.00
R204 On 01/02/2018	Bond Future	Buy	10,099	0.00
R204 On 01/02/2018	Bond Future	Sell	10,099	0.00
R204 On 01/02/2018	Bond Future	Sell	10,099	0.00
R204 On 01/02/2018	Bond Future	Buy	10,099	0.00
R204 On 02/11/2017	Bond Future	Buy	16,016	0.00
R204 On 02/11/2017	Bond Future	Sell	16,016	0.00

**R207 Bond Future**

R207 On 02/11/2017	Bond Future	Sell	2	0.00
R207 On 02/11/2017	Bond Future	Buy	2	0.00
R207 On 02/11/2017	Bond Future	Buy	2	0.00
R207 On 02/11/2017	Bond Future	Sell	2	0.00
R207 On 01/02/2018	Bond Future	Buy	2	0.00
R207 On 01/02/2018	Bond Future	Sell	2	0.00
R207 On 01/02/2018	Bond Future	Sell	2	0.00
R207 On 01/02/2018	Bond Future	Buy	2	0.00
R207 On 02/11/2017	Bond Future	Sell	10	0.00
R207 On 02/11/2017	Bond Future	Buy	10	0.00
R207 On 02/11/2017	Bond Future	Sell	34	0.00
R207 On 02/11/2017	Bond Future	Buy	34	0.00
R207 On 02/11/2017	Bond Future	Sell	37	0.00
R207 On 02/11/2017	Bond Future	Buy	37	0.00
R207 On 01/02/2018	Bond Future	Buy	37	0.00
R207 On 01/02/2018	Bond Future	Sell	37	0.00
R207 On 02/11/2017	Bond Future	Sell	45	0.00
R207 On 02/11/2017	Bond Future	Buy	45	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R207 On 01/02/2018	Bond Future		Buy	45	0.00
R207 On 01/02/2018	Bond Future		Sell	45	0.00
R207 On 02/11/2017	Bond Future		Sell	48	0.00
R207 On 02/11/2017	Bond Future		Buy	48	0.00
R207 On 01/02/2018	Bond Future		Buy	48	0.00
R207 On 01/02/2018	Bond Future		Sell	48	0.00
R207 On 02/11/2017	Bond Future		Buy	71	0.00
R207 On 02/11/2017	Bond Future		Sell	71	0.00
R207 On 01/02/2018	Bond Future		Sell	71	0.00
R207 On 01/02/2018	Bond Future		Buy	71	0.00
R207 On 02/11/2017	Bond Future		Buy	109	0.00
R207 On 02/11/2017	Bond Future		Sell	109	0.00
R207 On 01/02/2018	Bond Future		Sell	109	0.00
R207 On 01/02/2018	Bond Future		Buy	109	0.00
R207 On 02/11/2017	Bond Future		Sell	184	0.00
R207 On 02/11/2017	Bond Future		Buy	184	0.00
R207 On 01/02/2018	Bond Future		Buy	184	0.00
R207 On 01/02/2018	Bond Future		Sell	184	0.00
R207 On 02/11/2017	Bond Future		Buy	248	0.00
R207 On 02/11/2017	Bond Future		Sell	248	0.00
R207 On 01/02/2018	Bond Future		Sell	248	0.00
R207 On 01/02/2018	Bond Future		Buy	248	0.00
R207 On 02/11/2017	Bond Future		Sell	330	0.00
R207 On 02/11/2017	Bond Future		Buy	330	0.00
R207 On 01/02/2018	Bond Future		Buy	330	0.00
R207 On 01/02/2018	Bond Future		Sell	330	0.00
R207 On 02/11/2017	Bond Future		Buy	341	0.00
R207 On 02/11/2017	Bond Future		Sell	341	0.00
R207 On 01/02/2018	Bond Future		Sell	341	0.00
R207 On 01/02/2018	Bond Future		Buy	341	0.00
R207 On 02/11/2017	Bond Future		Sell	712	0.00
R207 On 02/11/2017	Bond Future		Buy	712	0.00
R207 On 01/02/2018	Bond Future		Buy	712	0.00
R207 On 01/02/2018	Bond Future		Sell	712	0.00
R207 On 02/11/2017	Bond Future		Buy	1,047	0.00
R207 On 02/11/2017	Bond Future		Sell	1,047	0.00
R207 On 01/02/2018	Bond Future		Buy	1,047	0.00
R207 On 01/02/2018	Bond Future		Sell	1,047	0.00
R207 On 02/11/2017	Bond Future		Buy	1,350	0.00
R207 On 02/11/2017	Bond Future		Sell	1,350	0.00
R207 On 01/02/2018	Bond Future		Sell	1,350	0.00
R207 On 01/02/2018	Bond Future		Buy	1,350	0.00

R207 On 02/11/2017	Bond Future	Buy	1,513	0.00
R207 On 02/11/2017	Bond Future	Sell	1,513	0.00
R207 On 01/02/2018	Bond Future	Sell	1,513	0.00
R207 On 01/02/2018	Bond Future	Buy	1,513	0.00
R207 On 02/11/2017	Bond Future	Buy	1,820	0.00
R207 On 02/11/2017	Bond Future	Sell	1,820	0.00
R207 On 01/02/2018	Bond Future	Sell	1,820	0.00
R207 On 01/02/2018	Bond Future	Buy	1,820	0.00
R207 On 01/02/2018	Bond Future	Buy	2,405	0.00
R207 On 01/02/2018	Bond Future	Sell	2,405	0.00
R207 On 02/11/2017	Bond Future	Buy	2,449	0.00
R207 On 02/11/2017	Bond Future	Sell	2,449	0.00
R207 On 02/11/2017	Bond Future	Buy	3,058	0.00
R207 On 02/11/2017	Bond Future	Sell	3,058	0.00
R207 On 01/02/2018	Bond Future	Sell	3,058	0.00
R207 On 01/02/2018	Bond Future	Buy	3,058	0.00
R207 On 02/11/2017	Bond Future	Sell	8,512	0.00
R207 On 02/11/2017	Bond Future	Buy	8,512	0.00
R207 On 01/02/2018	Bond Future	Buy	8,512	0.00
R207 On 01/02/2018	Bond Future	Sell	8,512	0.00

**R208 Bond Futures**

R208 On 02/11/2017	Bond Future	Buy	3	0.00
R208 On 02/11/2017	Bond Future	Sell	3	0.00
R208 On 01/02/2018	Bond Future	Sell	3	0.00
R208 On 01/02/2018	Bond Future	Buy	3	0.00
R208 On 02/11/2017	Bond Future	Buy	12	0.00
R208 On 02/11/2017	Bond Future	Sell	12	0.00
R208 On 01/02/2018	Bond Future	Sell	12	0.00
R208 On 01/02/2018	Bond Future	Buy	12	0.00
R208 On 02/11/2017	Bond Future	Buy	23	0.00
R208 On 02/11/2017	Bond Future	Sell	23	0.00
R208 On 01/02/2018	Bond Future	Sell	23	0.00
R208 On 01/02/2018	Bond Future	Buy	23	0.00
R208 On 01/02/2018	Bond Future	Sell	50	0.00
R208 On 01/02/2018	Bond Future	Buy	50	0.00
R208 On 02/11/2017	Bond Future	Buy	55	0.00
R208 On 02/11/2017	Bond Future	Sell	55	0.00
R208 On 02/11/2017	Bond Future	Sell	61	0.00
R208 On 02/11/2017	Bond Future	Buy	61	0.00
R208 On 02/11/2017	Bond Future	Buy	61	0.00
R208 On 02/11/2017	Bond Future	Sell	61	0.00
R208 On 01/02/2018	Bond Future	Sell	61	0.00
R208 On 01/02/2018	Bond Future	Buy	61	0.00
R208 On 02/11/2017	Bond Future	Buy	63	0.00
R208 On 02/11/2017	Bond Future	Sell	63	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R208 On 02/11/2017	Bond Future		Sell	128	0.00
R208 On 02/11/2017	Bond Future		Buy	128	0.00
R208 On 02/11/2017	Bond Future		Buy	138	0.00
R208 On 02/11/2017	Bond Future		Sell	138	0.00
R208 On 02/11/2017	Bond Future		Buy	173	0.00
R208 On 02/11/2017	Bond Future		Sell	173	0.00
R208 On 01/02/2018	Bond Future		Sell	173	0.00
R208 On 01/02/2018	Bond Future		Buy	173	0.00
R208 On 02/11/2017	Bond Future		Buy	191	0.00
R208 On 02/11/2017	Bond Future		Sell	191	0.00
R208 On 02/11/2017	Bond Future		Buy	192	0.00
R208 On 02/11/2017	Bond Future		Sell	192	0.00
R208 On 01/02/2018	Bond Future		Sell	193	0.00
R208 On 01/02/2018	Bond Future		Buy	193	0.00
R208 On 02/11/2017	Bond Future		Buy	213	0.00
R208 On 02/11/2017	Bond Future		Sell	213	0.00
R208 On 01/02/2018	Bond Future		Sell	213	0.00
R208 On 01/02/2018	Bond Future		Buy	213	0.00
R208 On 02/11/2017	Bond Future		Buy	221	0.00
R208 On 02/11/2017	Bond Future		Sell	221	0.00
R208 On 02/11/2017	Bond Future		Sell	279	0.00
R208 On 02/11/2017	Bond Future		Buy	279	0.00
R208 On 01/02/2018	Bond Future		Sell	291	0.00
R208 On 01/02/2018	Bond Future		Buy	291	0.00
R208 On 02/11/2017	Bond Future		Buy	372	0.00
R208 On 02/11/2017	Bond Future		Sell	372	0.00
R208 On 02/11/2017	Bond Future		Buy	372	0.00
R208 On 02/11/2017	Bond Future		Sell	372	0.00
R208 On 02/11/2017	Bond Future		Buy	438	0.00
R208 On 02/11/2017	Bond Future		Sell	438	0.00
R208 On 01/02/2018	Bond Future		Sell	438	0.00
R208 On 01/02/2018	Bond Future		Buy	438	0.00
R208 On 02/11/2017	Bond Future		Buy	468	0.00
R208 On 02/11/2017	Bond Future		Sell	468	0.00
R208 On 01/02/2018	Bond Future		Sell	746	0.00
R208 On 01/02/2018	Bond Future		Buy	746	0.00
R208 On 02/11/2017	Bond Future		Buy	747	0.00
R208 On 02/11/2017	Bond Future		Sell	747	0.00
R208 On 02/11/2017	Bond Future		Buy	784	0.00
R208 On 02/11/2017	Bond Future		Sell	784	0.00
R208 On 02/11/2017	Bond Future		Buy	1,055	0.00
R208 On 02/11/2017	Bond Future		Sell	1,055	0.00

R208 On 01/02/2018	Bond Future	Sell	1,055	0.00
R208 On 01/02/2018	Bond Future	Buy	1,055	0.00
R208 On 01/02/2018	Bond Future	Sell	1,106	0.00
R208 On 01/02/2018	Bond Future	Buy	1,106	0.00
R208 On 01/02/2018	Bond Future	Sell	1,625	0.00
R208 On 01/02/2018	Bond Future	Buy	1,625	0.00
R208 On 02/11/2017	Bond Future	Buy	1,782	0.00
R208 On 02/11/2017	Bond Future	Sell	1,782	0.00
R208 On 01/02/2018	Bond Future	Sell	1,782	0.00
R208 On 01/02/2018	Bond Future	Buy	1,782	0.00
R208 On 02/11/2017	Bond Future	Buy	1,827	0.00
R208 On 02/11/2017	Bond Future	Sell	1,827	0.00
R208 On 01/02/2018	Bond Future	Sell	2,638	0.00
R208 On 01/02/2018	Bond Future	Buy	2,638	0.00
R208 On 01/02/2018	Bond Future	Sell	6,002	0.00
R208 On 01/02/2018	Bond Future	Buy	6,002	0.00
R208 On 02/11/2017	Bond Future	Buy	8,722	0.00
R208 On 02/11/2017	Bond Future	Sell	8,722	0.00
R208 On 01/02/2018	Bond Future	Buy	16,411	0.00
R208 On 01/02/2018	Bond Future	Sell	16,411	0.00

**R209 Bond Future**

R209 On 02/11/2017	Bond Future	Sell	1	0.00
R209 On 02/11/2017	Bond Future	Buy	1	0.00
R209 On 01/02/2018	Bond Future	Buy	1	0.00
R209 On 01/02/2018	Bond Future	Sell	1	0.00
R209 On 02/11/2017	Bond Future	Sell	3	0.00
R209 On 02/11/2017	Bond Future	Buy	3	0.00
R209 On 02/11/2017	Bond Future	Buy	6	0.00
R209 On 02/11/2017	Bond Future	Sell	6	0.00
R209 On 02/11/2017	Bond Future	Sell	8	0.00
R209 On 02/11/2017	Bond Future	Buy	8	0.00
R209 On 01/02/2018	Bond Future	Buy	8	0.00
R209 On 01/02/2018	Bond Future	Sell	8	0.00
R209 On 02/11/2017	Bond Future	Sell	12	0.00
R209 On 02/11/2017	Bond Future	Buy	12	0.00
R209 On 02/11/2017	Bond Future	Sell	50	0.00
R209 On 02/11/2017	Bond Future	Buy	50	0.00
R209 On 01/02/2018	Bond Future	Buy	50	0.00
R209 On 01/02/2018	Bond Future	Sell	50	0.00
R209 On 02/11/2017	Bond Future	Sell	84	0.00
R209 On 02/11/2017	Bond Future	Buy	84	0.00
R209 On 01/02/2018	Bond Future	Buy	84	0.00
R209 On 01/02/2018	Bond Future	Sell	84	0.00
R209 On 02/11/2017	Bond Future	Sell	105	0.00
R209 On 02/11/2017	Bond Future	Buy	105	0.00



Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R209 On 01/02/2018	Bond Future		Buy	105	0.00
R209 On 01/02/2018	Bond Future		Sell	105	0.00
R209 On 02/11/2017	Bond Future		Sell	116	0.00
R209 On 02/11/2017	Bond Future		Buy	116	0.00
R209 On 02/11/2017	Bond Future		Sell	151	0.00
R209 On 02/11/2017	Bond Future		Buy	151	0.00
R209 On 02/11/2017	Bond Future		Buy	203	0.00
R209 On 02/11/2017	Bond Future		Sell	203	0.00
R209 On 01/02/2018	Bond Future		Sell	203	0.00
R209 On 01/02/2018	Bond Future		Buy	203	0.00
R209 On 02/11/2017	Bond Future		Sell	222	0.00
R209 On 02/11/2017	Bond Future		Buy	222	0.00
R209 On 02/11/2017	Bond Future		Sell	242	0.00
R209 On 02/11/2017	Bond Future		Buy	242	0.00
R209 On 02/11/2017	Bond Future		Buy	242	0.00
R209 On 02/11/2017	Bond Future		Sell	242	0.00
R209 On 01/02/2018	Bond Future		Sell	242	0.00
R209 On 01/02/2018	Bond Future		Buy	242	0.00
R209 On 02/11/2017	Bond Future		Sell	301	0.00
R209 On 02/11/2017	Bond Future		Buy	301	0.00
R209 On 01/02/2018	Bond Future		Buy	301	0.00
R209 On 01/02/2018	Bond Future		Sell	301	0.00
R209 On 02/11/2017	Bond Future		Buy	533	0.00
R209 On 02/11/2017	Bond Future		Sell	533	0.00
R209 On 01/02/2018	Bond Future		Sell	533	0.00
R209 On 01/02/2018	Bond Future		Buy	533	0.00
R209 On 02/11/2017	Bond Future		Sell	638	0.00
R209 On 02/11/2017	Bond Future		Buy	638	0.00
R209 On 02/11/2017	Bond Future		Buy	868	0.00
R209 On 02/11/2017	Bond Future		Sell	868	0.00
R209 On 01/02/2018	Bond Future		Sell	868	0.00
R209 On 01/02/2018	Bond Future		Buy	868	0.00
R209 On 02/11/2017	Bond Future		Buy	869	0.00
R209 On 02/11/2017	Bond Future		Sell	869	0.00
R209 On 01/02/2018	Bond Future		Sell	869	0.00
R209 On 01/02/2018	Bond Future		Buy	869	0.00
R209 On 02/11/2017	Bond Future		Sell	898	0.00
R209 On 02/11/2017	Bond Future		Buy	898	0.00
R209 On 01/02/2018	Bond Future		Buy	898	0.00
R209 On 01/02/2018	Bond Future		Sell	898	0.00
R209 On 02/11/2017	Bond Future		Sell	1,153	0.00
R209 On 02/11/2017	Bond Future		Buy	1,153	0.00

R209 On 01/02/2018	Bond Future	Buy	1,153	0.00
R209 On 01/02/2018	Bond Future	Sell	1,153	0.00
R209 On 02/11/2017	Bond Future	Buy	1,827	0.00
R209 On 02/11/2017	Bond Future	Sell	1,827	0.00
R209 On 01/02/2018	Bond Future	Sell	1,827	0.00
R209 On 01/02/2018	Bond Future	Buy	1,827	0.00
R209 On 02/11/2017	Bond Future	Sell	2,463	0.00
R209 On 02/11/2017	Bond Future	Buy	2,463	0.00
R209 On 01/02/2018	Bond Future	Buy	2,463	0.00
R209 On 01/02/2018	Bond Future	Sell	2,463	0.00
R209 On 02/11/2017	Bond Future	Buy	3,660	0.00
R209 On 02/11/2017	Bond Future	Sell	3,660	0.00
R209 On 01/02/2018	Bond Future	Sell	3,660	0.00
R209 On 01/02/2018	Bond Future	Buy	3,660	0.00
R209 On 01/02/2018	Bond Future	Buy	5,063	0.00
R209 On 01/02/2018	Bond Future	Sell	5,063	0.00
R209 On 02/11/2017	Bond Future	Buy	6,447	0.00
R209 On 02/11/2017	Bond Future	Sell	6,447	0.00
R209 On 01/02/2018	Bond Future	Sell	8,202	0.00
R209 On 01/02/2018	Bond Future	Buy	8,202	0.00
R209 On 02/11/2017	Bond Future	Sell	8,208	0.00
R209 On 02/11/2017	Bond Future	Buy	8,208	0.00

**R213 Bond Future**

R213 On 02/11/2017	Bond Future	Sell	5	0.00
R213 On 02/11/2017	Bond Future	Buy	5	0.00
R213 On 02/11/2017	Bond Future	Sell	14	0.00
R213 On 02/11/2017	Bond Future	Buy	14	0.00
R213 On 01/02/2018	Bond Future	Buy	14	0.00
R213 On 01/02/2018	Bond Future	Sell	14	0.00
R213 On 02/11/2017	Bond Future	Sell	20	0.00
R213 On 02/11/2017	Bond Future	Buy	20	0.00
R213 On 01/02/2018	Bond Future	Buy	33	0.00
R213 On 01/02/2018	Bond Future	Sell	33	0.00
R213 On 02/11/2017	Bond Future	Sell	34	0.00
R213 On 02/11/2017	Bond Future	Buy	34	0.00
R213 On 01/02/2018	Bond Future	Buy	34	0.00
R213 On 01/02/2018	Bond Future	Sell	34	0.00
R213 On 02/11/2017	Bond Future	Sell	47	0.00
R213 On 02/11/2017	Bond Future	Buy	47	0.00
R213 On 02/11/2017	Bond Future	Sell	52	0.00
R213 On 02/11/2017	Bond Future	Buy	52	0.00
R213 On 01/02/2018	Bond Future	Buy	52	0.00
R213 On 01/02/2018	Bond Future	Sell	52	0.00
R213 On 02/11/2017	Bond Future	Sell	73	0.00
R213 On 02/11/2017	Bond Future	Buy	73	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R213 On 01/02/2018	Bond Future		Buy	73	0.00
R213 On 01/02/2018	Bond Future		Sell	73	0.00
R213 On 02/11/2017	Bond Future		Sell	86	0.00
R213 On 02/11/2017	Bond Future		Buy	86	0.00
R213 On 02/11/2017	Bond Future		Sell	129	0.00
R213 On 02/11/2017	Bond Future		Buy	129	0.00
R213 On 02/11/2017	Bond Future		Sell	150	0.00
R213 On 02/11/2017	Bond Future		Buy	150	0.00
R213 On 01/02/2018	Bond Future		Buy	150	0.00
R213 On 01/02/2018	Bond Future		Sell	150	0.00
R213 On 02/11/2017	Bond Future		Buy	154	0.00
R213 On 02/11/2017	Bond Future		Sell	154	0.00
R213 On 01/02/2018	Bond Future		Sell	154	0.00
R213 On 01/02/2018	Bond Future		Buy	154	0.00
R213 On 01/02/2018	Bond Future		Buy	182	0.00
R213 On 01/02/2018	Bond Future		Sell	182	0.00
R213 On 01/02/2018	Bond Future		Buy	185	0.00
R213 On 01/02/2018	Bond Future		Sell	185	0.00
R213 On 02/11/2017	Bond Future		Buy	186	0.00
R213 On 02/11/2017	Bond Future		Sell	186	0.00
R213 On 01/02/2018	Bond Future		Sell	186	0.00
R213 On 01/02/2018	Bond Future		Buy	186	0.00
R213 On 02/11/2017	Bond Future		Sell	317	0.00
R213 On 02/11/2017	Bond Future		Buy	317	0.00
R213 On 01/02/2018	Bond Future		Buy	325	0.00
R213 On 01/02/2018	Bond Future		Sell	325	0.00
R213 On 01/02/2018	Bond Future		Buy	331	0.00
R213 On 01/02/2018	Bond Future		Sell	331	0.00
R213 On 02/11/2017	Bond Future		Buy	623	0.00
R213 On 02/11/2017	Bond Future		Sell	623	0.00
R213 On 01/02/2018	Bond Future		Sell	623	0.00
R213 On 01/02/2018	Bond Future		Buy	623	0.00
R213 On 01/02/2018	Bond Future		Buy	882	0.00
R213 On 01/02/2018	Bond Future		Sell	882	0.00
R213 On 02/11/2017	Bond Future		Sell	964	0.00
R213 On 02/11/2017	Bond Future		Buy	964	0.00
R213 On 01/02/2018	Bond Future		Buy	964	0.00
R213 On 01/02/2018	Bond Future		Sell	964	0.00
R213 On 02/11/2017	Bond Future		Buy	1,326	0.00
R213 On 02/11/2017	Bond Future		Sell	1,326	0.00
R213 On 01/02/2018	Bond Future		Sell	1,326	0.00
R213 On 01/02/2018	Bond Future		Buy	1,326	0.00

R213 On 02/11/2017	Bond Future	Buy	1,587	0.00
R213 On 02/11/2017	Bond Future	Sell	1,587	0.00
R213 On 01/02/2018	Bond Future	Sell	1,587	0.00
R213 On 01/02/2018	Bond Future	Buy	1,587	0.00
R213 On 02/11/2017	Bond Future	Sell	2,698	0.00
R213 On 02/11/2017	Bond Future	Buy	2,698	0.00
R213 On 01/02/2018	Bond Future	Buy	2,698	0.00
R213 On 01/02/2018	Bond Future	Sell	2,698	0.00
R213 On 02/11/2017	Bond Future	Buy	3,409	0.00
R213 On 02/11/2017	Bond Future	Sell	3,409	0.00
R213 On 01/02/2018	Bond Future	Sell	3,409	0.00
R213 On 01/02/2018	Bond Future	Buy	3,409	0.00
R213 On 02/11/2017	Bond Future	Sell	4,589	0.00
R213 On 02/11/2017	Bond Future	Buy	4,589	0.00
R213 On 01/02/2018	Bond Future	Sell	5,923	0.00
R213 On 01/02/2018	Bond Future	Buy	5,923	0.00
R213 On 02/11/2017	Bond Future	Buy	8,819	0.00
R213 On 02/11/2017	Bond Future	Sell	8,819	0.00
R213 On 01/02/2018	Bond Future	Sell	8,819	0.00
R213 On 01/02/2018	Bond Future	Buy	8,819	0.00
R213 On 02/11/2017	Bond Future	Sell	16,104	0.00
R213 On 02/11/2017	Bond Future	Buy	16,104	0.00
R213 On 01/02/2018	Bond Future	Sell	16,104	0.00
R213 On 01/02/2018	Bond Future	Buy	16,104	0.00

**R214 Bond Future**

R214 On 02/11/2017	Bond Future	Sell	1	0.00
R214 On 02/11/2017	Bond Future	Buy	1	0.00
R214 On 01/02/2018	Bond Future	Buy	5	0.00
R214 On 01/02/2018	Bond Future	Sell	5	0.00
R214 On 02/11/2017	Bond Future	Buy	33	0.00
R214 On 02/11/2017	Bond Future	Sell	33	0.00
R214 On 01/02/2018	Bond Future	Sell	33	0.00
R214 On 01/02/2018	Bond Future	Buy	33	0.00
R214 On 02/11/2017	Bond Future	Buy	35	0.00
R214 On 02/11/2017	Bond Future	Sell	35	0.00
R214 On 02/11/2017	Bond Future	Sell	52	0.00
R214 On 02/11/2017	Bond Future	Buy	52	0.00
R214 On 02/11/2017	Bond Future	Buy	61	0.00
R214 On 02/11/2017	Bond Future	Sell	61	0.00
R214 On 01/02/2018	Bond Future	Sell	61	0.00
R214 On 01/02/2018	Bond Future	Buy	61	0.00
R214 On 02/11/2017	Bond Future	Sell	70	0.00
R214 On 02/11/2017	Bond Future	Buy	70	0.00
R214 On 01/02/2018	Bond Future	Buy	70	0.00
R214 On 01/02/2018	Bond Future	Sell	70	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R214 On 01/02/2018	Bond Future		Buy	141	0.00
R214 On 01/02/2018	Bond Future		Sell	141	0.00
R214 On 02/11/2017	Bond Future		Buy	161	0.00
R214 On 02/11/2017	Bond Future		Sell	161	0.00
R214 On 02/11/2017	Bond Future		Buy	168	0.00
R214 On 02/11/2017	Bond Future		Sell	168	0.00
R214 On 01/02/2018	Bond Future		Sell	168	0.00
R214 On 01/02/2018	Bond Future		Buy	168	0.00
R214 On 02/11/2017	Bond Future		Sell	213	0.00
R214 On 02/11/2017	Bond Future		Buy	213	0.00
R214 On 02/11/2017	Bond Future		Buy	214	0.00
R214 On 02/11/2017	Bond Future		Sell	214	0.00
R214 On 02/11/2017	Bond Future		Sell	361	0.00
R214 On 02/11/2017	Bond Future		Buy	361	0.00
R214 On 01/02/2018	Bond Future		Sell	361	0.00
R214 On 01/02/2018	Bond Future		Buy	361	0.00
R214 On 02/11/2017	Bond Future		Buy	403	0.00
R214 On 02/11/2017	Bond Future		Sell	403	0.00
R214 On 02/11/2017	Bond Future		Buy	671	0.00
R214 On 02/11/2017	Bond Future		Sell	671	0.00
R214 On 01/02/2018	Bond Future		Sell	671	0.00
R214 On 01/02/2018	Bond Future		Buy	671	0.00
R214 On 02/11/2017	Bond Future		Buy	705	0.00
R214 On 02/11/2017	Bond Future		Sell	705	0.00
R214 On 01/02/2018	Bond Future		Sell	705	0.00
R214 On 01/02/2018	Bond Future		Buy	705	0.00
R214 On 02/11/2017	Bond Future		Sell	754	0.00
R214 On 02/11/2017	Bond Future		Buy	754	0.00
R214 On 01/02/2018	Bond Future		Buy	754	0.00
R214 On 01/02/2018	Bond Future		Sell	754	0.00
R214 On 02/11/2017	Bond Future		Buy	1,061	0.00
R214 On 02/11/2017	Bond Future		Sell	1,061	0.00
R214 On 01/02/2018	Bond Future		Sell	1,061	0.00
R214 On 01/02/2018	Bond Future		Buy	1,061	0.00
R214 On 02/11/2017	Bond Future		Buy	1,726	0.00
R214 On 02/11/2017	Bond Future		Sell	1,726	0.00
R214 On 01/02/2018	Bond Future		Sell	1,726	0.00
R214 On 01/02/2018	Bond Future		Buy	1,726	0.00
R214 On 02/11/2017	Bond Future		Sell	2,259	0.00
R214 On 02/11/2017	Bond Future		Buy	2,259	0.00
R214 On 01/02/2018	Bond Future		Buy	2,259	0.00
R214 On 01/02/2018	Bond Future		Sell	2,259	0.00

R214 On 01/02/2018	Bond Future	Sell	3,229	0.00
R214 On 01/02/2018	Bond Future	Buy	3,229	0.00
R214 On 02/11/2017	Bond Future	Sell	3,349	0.00
R214 On 02/11/2017	Bond Future	Buy	3,349	0.00
R214 On 02/11/2017	Bond Future	Buy	5,499	0.00
R214 On 02/11/2017	Bond Future	Sell	5,499	0.00
R214 On 01/02/2018	Bond Future	Sell	5,499	0.00
R214 On 01/02/2018	Bond Future	Buy	5,499	0.00
R214 On 01/02/2018	Bond Future	Sell	10,285	0.00
R214 On 01/02/2018	Bond Future	Buy	10,285	0.00
R214 On 02/11/2017	Bond Future	Sell	11,098	0.00
R214 On 02/11/2017	Bond Future	Buy	11,098	0.00

**Grand Total for Daily Detailed Turnover:**

**661,803**

**0.00**