clear to trade

eurex clearing *circular 087/15*

Date: 31 July 2015
Recipients: All Clearing Members of Eurex Clearing AG and Vendors
Authorized by: Thomas Laux

⚠ **Action required** ⚠ **High priority**

Margining by contract and maturity: Parameter adjustment as of end-of-day batch run on 5 August 2015

Related Eurex Circular: 048/15

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Content may be most important for:	**Attachment:**
➲ Middle + Backoffice ➲ Auditing/Security Coordination	Margin Parameters and Maturity Factors for Margining by Contract and Maturity effective as of end-of-day batch run on 5 August 2015

Attached please find the specification of the parameters which will become effective as of the end-of-day batch run on **5 August 2015**.

The new Maturity Factors will already be comprised in the Intraday File “PARAYYMMDD00.dat”.

The new Margin Parameters will already be comprised in the Intraday File “PARMINTRYYMMDD00.dat”.

The attachment contains the new Maturity Factors and Margin Parameters for all products with Margining by Contract and Maturity (Single Stock Dividend Futures and Sector Index Dividend Futures).

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Amtsgericht
Frankfurt/Main

Margin Parameters and Maturity Factors for Margining by Contract and Maturity effective as of end-of-day batch run on 5 August 2015

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
A2A	A2AP	P	2015	0,47	65,623
A2A	A2AP	P	2016	0,99	65,623
A2A	A2AP	P	2017	0,99	65,623
A2A	A2AP	P	2018	1	65,623
A2A	A2AP	P	2019	0,99	65,623
A2AL	A2AL	P	2015	0,16	21,909
A2AL	A2AL	P	2016	1	21,909
A2AL	A2AL	P	2017	0,35	21,909
A2AL	A2AL	P	2018	0,37	21,909
A2AL	A2AL	P	2019	0,35	21,909
A2BB	A2BB	P	2015	0,08	11,679
A2BB	A2BB	P	2016	0,81	11,679
A2BB	A2BB	P	2017	1	11,679
A2BB	A2BB	P	2018	0,97	11,679
A2BB	A2BB	P	2019	0,99	11,679
A2CR	A2CR	P	2015	0,2	10,785
A2CR	A2CR	P	2016	0,73	10,785
A2CR	A2CR	P	2017	0,73	10,785
A2CR	A2CR	P	2018	0,73	10,785
A2CR	A2CR	P	2019	0,73	10,785
A2DE	A2DE	P	2015	0,2	8,283
A2DE	A2DE	P	2016	0,3	8,283
A2DE	A2DE	P	2017	1	8,283
A2DE	A2DE	P	2018	0,29	8,283
A2DE	A2DE	P	2019	0,29	8,283
A2DS	A2DS	P	2015	0,13	12,309
A2DS	A2DS	P	2016	1	12,309
A2DS	A2DS	P	2017	0,82	12,309
A2DS	A2DS	P	2018	0,87	12,309
A2DS	A2DS	P	2019	0,95	12,309
A2EN	A2EN	P	2015	0,47	46,501
A2EN	A2EN	P	2016	0,74	46,501
A2EN	A2EN	P	2017	0,77	46,501
A2EN	A2EN	P	2018	0,86	46,501
A2EN	A2EN	P	2019	0,66	46,501
A2HO	A2HO	P	2015	0,2	5,44
A2HO	A2HO	P	2016	1	5,44
A2HO	A2HO	P	2017	1	5,44
A2HO	A2HO	P	2018	1	5,44
A2HO	A2HO	P	2019	1	5,44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
A2IR	A3IR	P	2015	0,09	5,44
A2IR	A3IR	P	2016	0,77	5,44
A2IR	A3IR	P	2017	1	5,44
A2IR	A3IR	P	2018	1	5,44
A2IR	A3IR	P	2019	1	5,44
A2IR	A4IR	P	2015	0,09	5,44
A2IR	A4IR	P	2016	0,77	5,44
A2IR	A4IR	P	2017	1	5,44
A2IR	A4IR	P	2018	1	5,44
A2IR	A4IR	P	2019	1	5,44
A2KU	A2KU	P	2015	0,23	5,44
A2KU	A2KU	P	2016	1	5,44
A2KU	A2KU	P	2017	1	5,44
A2KU	A2KU	P	2018	1	5,44
A2KU	A2KU	P	2019	1	5,44
A2LV	A2LV	P	2015	0,06	8,658
A2LV	A2LV	P	2016	0,73	8,658
A2LV	A2LV	P	2017	0,88	8,658
A2LV	A2LV	P	2018	1	8,658
A2LV	A2LV	P	2019	0,85	8,658
A2M	A2MZ	P	2015	1	5,44
A2M	A2MZ	P	2016	1	5,44
A2M	A2MZ	P	2017	1	5,44
A2M	A2MZ	P	2018	1	5,44
A2M	A2MZ	P	2019	1	5,44
A2OM	A2OM	P	2015	1	85,47
A2OM	A2OM	P	2016	0,19	85,47
A2OM	A2OM	P	2017	0,21	85,47
A2OM	A2OM	P	2018	0,2	85,47
A2OM	A2OM	P	2019	0,21	85,47
A2SG	A2SG	P	2015	0,14	16,967
A2SG	A2SG	P	2016	1	16,967
A2SG	A2SG	P	2017	0,88	16,967
A2SG	A2SG	P	2018	0,95	16,967
A2SG	A2SG	P	2019	0,84	16,967
A2SM	A2SM	P	2015	0,1	5,44
A2SM	A2SM	P	2016	0,87	5,44
A2SM	A2SM	P	2017	0,81	5,44
A2SM	A2SM	P	2018	0,89	5,44
A2SM	A2SM	P	2019	1	5,44
A2V	A2V	P	2015	0,29	10,79
A2V	A2V	P	2016	0,73	10,79
A2V	A2V	P	2017	0,89	10,79

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
A2V	A2V	P	2018	0,92	10,79
A2V	A2V	P	2019	1	10,79
A2XA	A2XA	P	2015	0,07	14,857
A2XA	A2XA	P	2016	0,62	14,857
A2XA	A2XA	P	2017	0,87	14,857
A2XA	A2XA	P	2018	1	14,857
A2XA	A2XA	P	2019	0,76	14,857
A2ZN	A2ZN	P	2015	0,06	12,557
A2ZN	A2ZN	P	2016	0,27	12,557
A2ZN	A2ZN	P	2017	1	12,557
A2ZN	A2ZN	P	2018	0,43	12,557
A2ZN	A2ZN	P	2019	0,4	12,557
B2A	B2AC	P	2015	0,5	19,346
B2A	B2AC	P	2016	1	19,346
B2A	B2AC	P	2017	1	19,346
B2A	B2AC	P	2018	1	19,346
B2A	B2AC	P	2019	1	19,346
B2A1	B2A	P	2015	0,99	22,69
B2A1	B2A	P	2016	0,94	22,69
B2A1	B2A	P	2017	0,94	22,69
B2A1	B2A	P	2018	0,94	22,69
B2A1	B2A	P	2019	0,94	22,69
B2AE	B2AE	P	2015	0,2	30,478
B2AE	B2AE	P	2016	1	30,478
B2AE	B2AE	P	2017	1	30,478
B2AE	B2AE	P	2018	1	30,478
B2AE	B2AE	P	2019	1	30,478
B2AR	B2AR	P	2015	0,23	25,19
B2AR	B2AR	P	2016	0,87	25,19
B2AR	B2AR	P	2017	1	25,19
B2AR	B2AR	P	2018	1	25,19
B2AR	B2AR	P	2019	1	25,19
B2AR	B3AR	P	2015	0,23	25,19
B2AR	B3AR	P	2016	0,87	25,19
B2AR	B3AR	P	2017	1	25,19
B2AR	B3AR	P	2018	1	25,19
B2AR	B3AR	P	2019	1	25,19
B2AS	B2AS	P	2015	0,29	10,637
B2AS	B2AS	P	2016	0,52	10,637
B2AS	B2AS	P	2017	0,86	10,637
B2AS	B2AS	P	2018	0,81	10,637
B2AS	B2AS	P	2019	1	10,637
B2AT	B2AT	P	2015	0,33	22,05

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
B2AT	B2AT	P	2016	0,98	22,05
B2AT	B2AT	P	2017	1	22,05
B2AT	B2AT	P	2018	1	22,05
B2AT	B2AT	P	2019	1	22,05
B2AY	B2AY	P	2015	0,05	7,376
B2AY	B2AY	P	2016	0,63	7,376
B2AY	B2AY	P	2017	0,99	7,376
B2AY	B2AY	P	2018	1	7,376
B2AY	B2AY	P	2019	0,87	7,376
B2BV	B3BV	P	2015	0,08	24,257
B2BV	B3BV	P	2016	0,89	24,257
B2BV	B3BV	P	2017	1	24,257
B2BV	B3BV	P	2018	0,99	24,257
B2BV	B3BV	P	2019	0,99	24,257
B2G	B2G	P	2015	0,33	13,23
B2G	B2G	P	2016	0,9	13,23
B2G	B2G	P	2017	1	13,23
B2G	B2G	P	2018	0,99	13,23
B2G	B2G	P	2019	1	13,23
B2LT	B2LT	P	2015	0,6	8,724
B2LT	B2LT	P	2016	0,85	8,724
B2LT	B2LT	P	2017	0,82	8,724
B2LT	B2LT	P	2018	1	8,724
B2LT	B2LT	P	2019	0,8	8,724
B2M	B2MY	P	2015	0,23	5,44
B2M	B2MY	P	2016	1	5,44
B2M	B2MY	P	2017	1	5,44
B2M	B2MY	P	2018	1	5,44
B2M	B2MY	P	2019	1	5,44
B2MW	B2MW	P	2015	0,2	17,015
B2MW	B2MW	P	2016	0,51	17,015
B2MW	B2MW	P	2017	0,96	17,015
B2MW	B2MW	P	2018	0,75	17,015
B2MW	B2MW	P	2019	0,68	17,015
B2NP	B2NP	P	2015	0,07	29,838
B2NP	B2NP	P	2016	1	29,838
B2NP	B2NP	P	2017	0,77	29,838
B2NP	B2NP	P	2018	0,8	29,838
B2NP	B2NP	P	2019	0,69	29,838
B2P	B2P	P	2015	0,34	15,45
B2P	B2P	P	2016	0,49	15,45
B2P	B2P	P	2017	0,71	15,45
B2P	B2P	P	2018	1	15,45

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
B2P	B2P	P	2019	1	15,45
B2SN	B2SN	P	2015	0,04	16,712
B2SN	B2SN	P	2016	0,3	16,712
B2SN	B2SN	P	2017	0,89	16,712
B2SN	B2SN	P	2018	0,96	16,712
B2SN	B2SN	P	2019	1	16,712
B2T	B2T	P	2015	0,68	9,85
B2T	B2T	P	2016	0,69	9,85
B2T	B2T	P	2017	0,91	9,85
B2T	B2T	P	2018	0,92	9,85
B2T	B2T	P	2019	0,91	9,85
B2YG	B2YG	P	2015	0,2	7,344
B2YG	B2YG	P	2016	1	7,344
B2YG	B2YG	P	2017	1	7,344
B2YG	B2YG	P	2018	1	7,344
B2YG	B2YG	P	2019	1	7,344
C2AR	C2AR	P	2015	0,2	7,551
C2AR	C2AR	P	2016	1	7,551
C2AR	C2AR	P	2017	1	7,551
C2AR	C2AR	P	2018	1	7,551
C2AR	C2AR	P	2019	1	7,551
C2AR	C3AR	P	2015	0,2	7,551
C2AR	C3AR	P	2016	1	7,551
C2AR	C3AR	P	2017	1	7,551
C2AR	C3AR	P	2018	1	7,551
C2AR	C3AR	P	2019	1	7,551
C2FR	C2FR	P	2015	0,76	13,831
C2FR	C2FR	P	2016	0,89	13,831
C2FR	C2FR	P	2017	1	13,831
C2FR	C2FR	P	2018	0,94	13,831
C2FR	C2FR	P	2019	0,93	13,831
C2I	C2IT	P	2015	0,2	5,44
C2I	C2IT	P	2016	1	5,44
C2I	C2IT	P	2017	1	5,44
C2I	C2IT	P	2018	1	5,44
C2I	C2IT	P	2019	1	5,44
C2NA	C2NA	P	2015	0,29	29,44
C2NA	C2NA	P	2016	0,66	29,44
C2NA	C2NA	P	2017	0,59	29,44
C2NA	C2NA	P	2018	0,59	29,44
C2NA	C2NA	P	2019	0,59	29,44
C2ON	C2ON	P	2015	0,52	23,694
C2ON	C2ON	P	2016	0,85	23,694

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
C2ON	C2ON	P	2017	1	23,694
C2ON	C2ON	P	2018	1	23,694
C2ON	C2ON	P	2019	1	23,694
C2RG	C2RG	P	2015	0,17	11,241
C2RG	C2RG	P	2016	0,72	11,241
C2RG	C2RG	P	2017	0,74	11,241
C2RG	C2RG	P	2018	0,75	11,241
C2RG	C2RG	P	2019	1	11,241
C2RI	C3RI	P	2015	0,2	16,279
C2RI	C3RI	P	2016	1	16,279
C2RI	C3RI	P	2017	0,72	16,279
C2RI	C3RI	P	2018	0,8	16,279
C2RI	C3RI	P	2019	0,89	16,279
C2S	C2SC	P	2015	0,2	5,44
C2S	C2SC	P	2016	1	5,44
C2S	C2SC	P	2017	1	5,44
C2S	C2SC	P	2018	1	5,44
C2S	C2SC	P	2019	1	5,44
C2SG	C2SG	P	2015	0,92	18,976
C2SG	C2SG	P	2016	1	18,976
C2SG	C2SG	P	2017	1	18,976
C2SG	C2SG	P	2018	1	18,976
C2SG	C2SG	P	2019	1	18,976
C2SG	C3SG	P	2015	0,92	18,976
C2SG	C3SG	P	2016	1	18,976
C2SG	C3SG	P	2017	1	18,976
C2SG	C3SG	P	2018	1	18,976
C2SG	C3SG	P	2019	1	18,976
C2V	C2VX	P	2015	0,3	5,44
C2V	C2VX	P	2016	1	5,44
C2V	C2VX	P	2017	0,47	5,44
C2V	C2VX	P	2018	0,47	5,44
C2V	C2VX	P	2019	0,47	5,44
D2AI	D2AI	P	2015	0,06	10,622
D2AI	D2AI	P	2016	0,88	10,622
D2AI	D2AI	P	2017	1	10,622
D2AI	D2AI	P	2018	0,97	10,622
D2AI	D2AI	P	2019	1	10,622
D2B1	D3B1	P	2015	0,2	6,098
D2B1	D3B1	P	2016	0,53	6,098
D2B1	D3B1	P	2017	0,51	6,098
D2B1	D3B1	P	2018	0,51	6,098
D2B1	D3B1	P	2019	0,52	6,098

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
D2BK	D2BK	P	2015	0,09	22,49
D2BK	D2BK	P	2016	0,79	22,49
D2BK	D2BK	P	2017	1	22,49
D2BK	D2BK	P	2018	0,86	22,49
D2BK	D2BK	P	2019	0,86	22,49
D2BK	D3BK	P	2015	0,09	22,49
D2BK	D3BK	P	2016	0,79	22,49
D2BK	D3BK	P	2017	1	22,49
D2BK	D3BK	P	2018	0,86	22,49
D2BK	D3BK	P	2019	0,86	22,49
D2GE	D2GE	P	2015	0,61	6,14
D2GE	D2GE	P	2016	0,61	6,14
D2GE	D2GE	P	2017	0,75	6,14
D2GE	D2GE	P	2018	0,52	6,14
D2GE	D2GE	P	2019	0,51	6,14
D2SM	D2SM	P	2015	0,26	5,44
D2SM	D2SM	P	2016	0,28	5,44
D2SM	D2SM	P	2017	1	5,44
D2SM	D2SM	P	2018	0,56	5,44
D2SM	D2SM	P	2019	1	5,44
D2TE	D2TE	P	2015	0,04	9,124
D2TE	D2TE	P	2016	0,53	9,124
D2TE	D2TE	P	2017	0,88	9,124
D2TE	D2TE	P	2018	1	9,124
D2TE	D2TE	P	2019	0,94	9,124
E2AS	E2AS	P	2015	0,11	12,902
E2AS	E2AS	P	2016	1	12,902
E2AS	E2AS	P	2017	0,83	12,902
E2AS	E2AS	P	2018	0,82	12,902
E2AS	E2AS	P	2019	0,81	12,902
E2NL	E2NL	P	2015	0,11	15,644
E2NL	E2NL	P	2016	0,76	15,644
E2NL	E2NL	P	2017	0,93	15,644
E2NL	E2NL	P	2018	1	15,644
E2NL	E2NL	P	2019	0,99	15,644
E2NT	E2NT	P	2015	0,15	14,051
E2NT	E2NT	P	2016	0,7	14,051
E2NT	E2NT	P	2017	0,82	14,051
E2NT	E2NT	P	2018	1	14,051
E2NT	E2NT	P	2019	0,94	14,051
E2OA	E2OA	P	2015	0,04	13,799
E2OA	E2OA	P	2016	0,49	13,799
E2OA	E2OA	P	2017	1	13,799

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
E2OA	E2OA	P	2018	0,75	13,799
E2OA	E2OA	P	2019	0,8	13,799
E2SL	E2SL	P	2015	0,06	5,44
E2SL	E2SL	P	2016	1	5,44
E2SL	E2SL	P	2017	0,46	5,44
E2SL	E2SL	P	2018	0,9	5,44
E2SL	E2SL	P	2019	1	5,44
F2TE	F2TE	P	2015	0,17	12,969
F2TE	F2TE	P	2016	0,79	12,969
F2TE	F2TE	P	2017	0,89	12,969
F2TE	F2TE	P	2018	0,98	12,969
F2TE	F2TE	P	2019	1	12,969
G2E	G2EC	P	2015	0,5	6,783
G2E	G2EC	P	2016	0,25	6,783
G2E	G2EC	P	2017	0,35	6,783
G2E	G2EC	P	2018	1	6,783
G2E	G2EC	P	2019	0,25	6,783
G2EB	G2EB	P	2015	0,2	5,44
G2EB	G2EB	P	2016	1	5,44
G2EB	G2EB	P	2017	1	5,44
G2EB	G2EB	P	2018	1	5,44
G2EB	G2EB	P	2019	1	5,44
G2IV	G2IV	P	2015	0,2	5,44
G2IV	G2IV	P	2016	1	5,44
G2IV	G2IV	P	2017	1	5,44
G2IV	G2IV	P	2018	1	5,44
G2IV	G2IV	P	2019	1	5,44
G2OB	G2OB	P	2015	0,05	14,695
G2OB	G2OB	P	2016	0,55	14,695
G2OB	G2OB	P	2017	0,87	14,695
G2OB	G2OB	P	2018	1	14,695
G2OB	G2OB	P	2019	1	14,695
G2SK	G3SK	P	2015	0,1	12,7
G2SK	G3SK	P	2016	0,6	12,7
G2SK	G3SK	P	2017	0,61	12,7
G2SK	G3SK	P	2018	0,94	12,7
G2SK	G3SK	P	2019	1	12,7
G2ZF	G2ZF	P	2015	0,21	10,448
G2ZF	G2ZF	P	2016	0,67	10,448
G2ZF	G2ZF	P	2017	1	10,448
G2ZF	G2ZF	P	2018	0,99	10,448
G2ZF	G2ZF	P	2019	0,98	10,448
H2EN	H2EN	P	2015	0,2	5,44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
H2EN	H2EN	P	2016	1	5,44
H2EN	H2EN	P	2017	1	5,44
H2EN	H2EN	P	2018	1	5,44
H2EN	H2EN	P	2019	1	5,44
H2OL	H2OL	P	2015	0,2	5,498
H2OL	H2OL	P	2016	1	5,498
H2OL	H2OL	P	2017	0,1	5,498
H2OL	H2OL	P	2018	1	5,498
H2OL	H2OL	P	2019	1	5,498
H2SB	H2SB	P	2015	0,06	26,963
H2SB	H2SB	P	2016	0,34	26,963
H2SB	H2SB	P	2017	0,61	26,963
H2SB	H2SB	P	2018	1	26,963
H2SB	H2SB	P	2019	1	26,963
I2B	I2BM	P	2015	0,44	5,44
I2B	I2BM	P	2016	1	5,44
I2B	I2BM	P	2017	1	5,44
I2B	I2BM	P	2018	1	5,44
I2B	I2BM	P	2019	1	5,44
I2BE	I2BE	P	2015	0,18	18,312
I2BE	I2BE	P	2016	1	18,312
I2BE	I2BE	P	2017	0,94	18,312
I2BE	I2BE	P	2018	0,92	18,312
I2BE	I2BE	P	2019	0,93	18,312
I2ES	I2ES	P	2015	0,34	26,542
I2ES	I2ES	P	2016	0,87	26,542
I2ES	I2ES	P	2017	0,87	26,542
I2ES	I2ES	P	2018	1	26,542
I2ES	I2ES	P	2019	0,94	26,542
I2ES	I3ES	P	2015	0,17	26,542
I2ES	I3ES	P	2016	0,87	26,542
I2ES	I3ES	P	2017	0,87	26,542
I2ES	I3ES	P	2018	1	26,542
I2ES	I3ES	P	2019	0,94	26,542
I2N	I2NT	P	2015	0,5	5,44
I2N	I2NT	P	2016	0,89	5,44
I2N	I2NT	P	2017	0,89	5,44
I2N	I2NT	P	2018	0,9	5,44
I2N	I2NT	P	2019	0,89	5,44
I2NN	I2NN	P	2015	0,59	60,052
I2NN	I2NN	P	2016	1	60,052
I2NN	I2NN	P	2017	0,9	60,052
I2NN	I2NN	P	2018	0,94	60,052

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
I2NN	I2NN	P	2019	0,91	60,052
I2SP	I2SP	P	2015	0,09	24,901
I2SP	I2SP	P	2016	0,89	24,901
I2SP	I2SP	P	2017	0,93	24,901
I2SP	I2SP	P	2018	0,97	24,901
I2SP	I2SP	P	2019	1	24,901
I2TK	I2TK	P	2015	0,48	26,479
I2TK	I2TK	P	2016	0,69	26,479
I2TK	I2TK	P	2017	0,81	26,479
I2TK	I2TK	P	2018	0,8	26,479
I2TK	I2TK	P	2019	1	26,479
I2X	I3XD	P	2015	0,99	39,073
I2X	I3XD	P	2016	0,99	39,073
I2X	I3XD	P	2017	0,99	39,073
I2X	I3XD	P	2018	1	39,073
I2X	I3XD	P	2019	1	39,073
I2X	I4XD	P	2015	0,99	39,073
I2X	I4XD	P	2016	0,99	39,073
I2X	I4XD	P	2017	0,99	39,073
I2X	I4XD	P	2018	1	39,073
I2X	I4XD	P	2019	1	39,073
I2X	I5XD	P	2015	0,99	39,073
I2X	I5XD	P	2016	0,99	39,073
I2X	I5XD	P	2017	0,99	39,073
I2X	I5XD	P	2018	1	39,073
I2X	I5XD	P	2019	1	39,073
I2X	I6XD	P	2015	0,99	39,073
I2X	I6XD	P	2016	0,99	39,073
I2X	I6XD	P	2017	0,99	39,073
I2X	I6XD	P	2018	1	39,073
I2X	I6XD	P	2019	1	39,073
J2N	J2NJ	P	2015	0,1	6,553
J2N	J2NJ	P	2016	1	6,553
J2N	J2NJ	P	2017	0,8	6,553
J2N	J2NJ	P	2018	0,81	6,553
J2N	J2NJ	P	2019	0,8	6,553
J2P	J2PM	P	2015	0,21	5,44
J2P	J2PM	P	2016	1	5,44
J2P	J2PM	P	2017	1	5,44
J2P	J2PM	P	2018	1	5,44
J2P	J2PM	P	2019	1	5,44
K2O	K2OF	P	2015	0,46	5,44
K2O	K2OF	P	2016	1	5,44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
K2O	K2OF	P	2017	1	5,44
K2O	K2OF	P	2018	1	5,44
K2O	K2OF	P	2019	1	5,44
K2P	K2PN	P	2015	0,06	138,118
K2P	K2PN	P	2016	1	138,118
K2P	K2PN	P	2017	0,17	138,118
K2P	K2PN	P	2018	0,14	138,118
K2P	K2PN	P	2019	0,17	138,118
K2P	K3PN	P	2015	0,06	138,118
K2P	K3PN	P	2016	1	138,118
K2P	K3PN	P	2017	0,17	138,118
K2P	K3PN	P	2018	0,14	138,118
K2P	K3PN	P	2019	0,17	138,118
L2DV	L2DV	P	2015	0,2	5,44
L2DV	L2DV	P	2016	1	5,44
L2DV	L2DV	P	2017	1	5,44
L2DV	L2DV	P	2018	1	5,44
L2DV	L2DV	P	2019	1	5,44
L2HA	L2HA	P	2015	0,36	28,096
L2HA	L2HA	P	2016	1	28,096
L2HA	L2HA	P	2017	1	28,096
L2HA	L2HA	P	2018	1	28,096
L2HA	L2HA	P	2019	1	28,096
L2IN	L2IN	P	2015	0,2	9,674
L2IN	L2IN	P	2016	0,2	9,674
L2IN	L2IN	P	2017	0,32	9,674
L2IN	L2IN	P	2018	0,4	9,674
L2IN	L2IN	P	2019	0,52	9,674
L2OR	L2OR	P	2015	0,05	12,126
L2OR	L2OR	P	2016	0,54	12,126
L2OR	L2OR	P	2017	0,72	12,126
L2OR	L2OR	P	2018	0,78	12,126
L2OR	L2OR	P	2019	1	12,126
M2C	M2CD	P	2015	0,26	17,803
M2C	M2CD	P	2016	1	17,803
M2C	M2CD	P	2017	0,27	17,803
M2C	M2CD	P	2018	0,27	17,803
M2C	M2CD	P	2019	0,27	17,803
M2EO	M2EO	P	2015	0,04	42,645
M2EO	M2EO	P	2016	0,84	42,645
M2EO	M2EO	P	2017	0,99	42,645
M2EO	M2EO	P	2018	1	42,645
M2EO	M2EO	P	2019	1	42,645

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
M2M	M2MM	P	2015	0,4	5,44
M2M	M2MM	P	2016	1	5,44
M2M	M2MM	P	2017	1	5,44
M2M	M2MM	P	2018	1	5,44
M2M	M2MM	P	2019	1	5,44
M2OF	M2OF	P	2015	0,09	5,44
M2OF	M2OF	P	2016	1	5,44
M2OF	M2OF	P	2017	0,99	5,44
M2OF	M2OF	P	2018	1	5,44
M2OF	M2OF	P	2019	0,99	5,44
M2OH	M2OH	P	2015	0,21	10,922
M2OH	M2OH	P	2016	0,71	10,922
M2OH	M2OH	P	2017	0,91	10,922
M2OH	M2OH	P	2018	1	10,922
M2OH	M2OH	P	2019	0,99	10,922
M2RK	M2RK	P	2015	0,2	32,329
M2RK	M2RK	P	2016	0,18	32,329
M2RK	M2RK	P	2017	0,85	32,329
M2RK	M2RK	P	2018	0,85	32,329
M2RK	M2RK	P	2019	0,85	32,329
M2RW	M2RW	P	2015	0,99	5,44
M2RW	M2RW	P	2016	1	5,44
M2RW	M2RW	P	2017	1	5,44
M2RW	M2RW	P	2018	1	5,44
M2RW	M2RW	P	2019	1	5,44
M2S	M2ST	P	2015	0,12	5,44
M2S	M2ST	P	2016	0,99	5,44
M2S	M2ST	P	2017	0,99	5,44
M2S	M2ST	P	2018	1	5,44
M2S	M2ST	P	2019	0,99	5,44
M2UV	M2UV	P	2015	0,07	5,447
M2UV	M2UV	P	2016	0,77	5,447
M2UV	M2UV	P	2017	0,9	5,447
M2UV	M2UV	P	2018	0,97	5,447
M2UV	M2UV	P	2019	1	5,447
N2ES	N2ES	P	2015	0,08	8,366
N2ES	N2ES	P	2016	0,84	8,366
N2ES	N2ES	P	2017	1	8,366
N2ES	N2ES	P	2018	0,95	8,366
N2ES	N2ES	P	2019	0,92	8,366
N2G	N2G	P	2015	0,06	22,42
N2G	N2G	P	2016	0,08	22,42
N2G	N2G	P	2017	0,99	22,42

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
N2G	N2G	P	2018	0,2	22,42
N2G	N2G	P	2019	0,22	22,42
N2OA	N2OA	P	2015	0,16	44,997
N2OA	N2OA	P	2016	1	44,997
N2OA	N2OA	P	2017	0,48	44,997
N2OA	N2OA	P	2018	0,45	44,997
N2OA	N2OA	P	2019	0,45	44,997
N2OA	N3OA	P	2015	0,16	44,997
N2OA	N3OA	P	2016	1	44,997
N2OA	N3OA	P	2017	0,48	44,997
N2OA	N3OA	P	2018	0,45	44,997
N2OA	N3OA	P	2019	0,45	44,997
N2OV	N2OV	P	2015	0,08	6,034
N2OV	N2OV	P	2016	0,85	6,034
N2OV	N2OV	P	2017	1	6,034
N2OV	N2OV	P	2018	0,94	6,034
N2OV	N2OV	P	2019	0,9	6,034
P2E	P2EP	P	2015	0,46	5,44
P2E	P2EP	P	2016	0,99	5,44
P2E	P2EP	P	2017	0,99	5,44
P2E	P2EP	P	2018	1	5,44
P2E	P2EP	P	2019	0,99	5,44
P2ER	P2ER	P	2015	0,48	5,44
P2ER	P2ER	P	2016	0,58	5,44
P2ER	P2ER	P	2017	0,88	5,44
P2ER	P2ER	P	2018	0,94	5,44
P2ER	P2ER	P	2019	0,81	5,44
P2FE	P2FE	P	2015	0,44	5,44
P2FE	P2FE	P	2016	0,69	5,44
P2FE	P2FE	P	2017	0,99	5,44
P2FE	P2FE	P	2018	1	5,44
P2FE	P2FE	P	2019	0,99	5,44
P2HI	P2HI	P	2015	0,06	13,215
P2HI	P2HI	P	2016	0,55	13,215
P2HI	P2HI	P	2017	0,94	13,215
P2HI	P2HI	P	2018	1	13,215
P2HI	P2HI	P	2019	0,91	13,215
P2M	P2M	P	2015	0,1	5,44
P2M	P2M	P	2016	0,75	5,44
P2M	P2M	P	2017	0,99	5,44
P2M	P2M	P	2018	1	5,44
P2M	P2M	P	2019	0,99	5,44
P2PX	P2PX	P	2015	0,16	9,329

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
P2PX	P2PX	P	2016	1	9,329
P2PX	P2PX	P	2017	0,93	9,329
P2PX	P2PX	P	2018	0,96	9,329
P2PX	P2PX	P	2019	1	9,329
P2U4	P2U4	P	2015	0,02	16,899
P2U4	P2U4	P	2016	0,77	16,899
P2U4	P2U4	P	2017	1	16,899
P2U4	P2U4	P	2018	1	16,899
P2U4	P2U4	P	2019	1	16,899
R2DA	R2DA	P	2015	0,38	15,467
R2DA	R2DA	P	2016	0,91	15,467
R2DA	R2DA	P	2017	0,91	15,467
R2DA	R2DA	P	2018	0,98	15,467
R2DA	R2DA	P	2019	1	15,467
R2EP	R2EP	P	2015	0,2	24,885
R2EP	R2EP	P	2016	0,38	24,885
R2EP	R2EP	P	2017	0,45	24,885
R2EP	R2EP	P	2018	0,47	24,885
R2EP	R2EP	P	2019	0,48	24,885
R2EP	R3EP	P	2015	0,2	24,885
R2EP	R3EP	P	2016	0,38	24,885
R2EP	R3EP	P	2017	0,45	24,885
R2EP	R3EP	P	2018	0,47	24,885
R2EP	R3EP	P	2019	0,48	24,885
R2NL	R2NL	P	2015	0,13	16,059
R2NL	R2NL	P	2016	0,75	16,059
R2NL	R2NL	P	2017	0,81	16,059
R2NL	R2NL	P	2018	1	16,059
R2NL	R2NL	P	2019	0,91	16,059
R2OG	R2OG	P	2015	0,09	5,44
R2OG	R2OG	P	2016	0,9	5,44
R2OG	R2OG	P	2017	1	5,44
R2OG	R2OG	P	2018	0,99	5,44
R2OG	R2OG	P	2019	0,97	5,44
R2TZ	R2TZ	P	2015	0,23	14,4
R2TZ	R2TZ	P	2016	1	14,4
R2TZ	R2TZ	P	2017	0,74	14,4
R2TZ	R2TZ	P	2018	0,73	14,4
R2TZ	R2TZ	P	2019	0,73	14,4
R2UK	S2RE	P	2015	0,07	8,487
R2UK	S2RE	P	2016	0,72	8,487
R2UK	S2RE	P	2017	1	8,487
R2UK	S2RE	P	2018	1	8,487

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
R2UK	S2RE	P	2019	1	8,487
R2UK	S3RE	P	2015	0,07	8,487
R2UK	S3RE	P	2016	0,72	8,487
R2UK	S3RE	P	2017	1	8,487
R2UK	S3RE	P	2018	1	8,487
R2UK	S3RE	P	2019	1	8,487
R2UK	S4RE	P	2015	0,07	8,487
R2UK	S4RE	P	2016	0,72	8,487
R2UK	S4RE	P	2017	1	8,487
R2UK	S4RE	P	2018	1	8,487
R2UK	S4RE	P	2019	1	8,487
R2WE	R2WE	P	2015	0,05	12,367
R2WE	R2WE	P	2016	0,77	12,367
R2WE	R2WE	P	2017	0,98	12,367
R2WE	R2WE	P	2018	0,94	12,367
R2WE	R2WE	P	2019	1	12,367
R2WE	R3WE	P	2015	0,05	12,367
R2WE	R3WE	P	2016	0,77	12,367
R2WE	R3WE	P	2017	0,98	12,367
R2WE	R3WE	P	2018	0,94	12,367
R2WE	R3WE	P	2019	1	12,367
S2AP	S2AP	P	2015	0,12	7,034
S2AP	S2AP	P	2016	1	7,034
S2AP	S2AP	P	2017	1	7,034
S2AP	S2AP	P	2018	1	7,034
S2AP	S2AP	P	2019	1	7,034
S2AP	S3AP	P	2015	0,12	7,034
S2AP	S3AP	P	2016	1	7,034
S2AP	S3AP	P	2017	1	7,034
S2AP	S3AP	P	2018	1	7,034
S2AP	S3AP	P	2019	1	7,034
S2CM	S2CM	P	2015	0,07	6,726
S2CM	S2CM	P	2016	0,79	6,726
S2CM	S2CM	P	2017	1	6,726
S2CM	S2CM	P	2018	0,97	6,726
S2CM	S2CM	P	2019	0,96	6,726
S2DF	S2DF	P	2015	0,16	65,49
S2DF	S2DF	P	2016	0,63	65,49
S2DF	S2DF	P	2017	0,4	65,49
S2DF	S2DF	P	2018	1	65,49
S2DF	S2DF	P	2019	1	65,49
S2EJ	S2EJ	P	2015	0,47	5,44
S2EJ	S2EJ	P	2016	1	5,44

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
S2EJ	S2EJ	P	2017	1	5,44
S2EJ	S2EJ	P	2018	1	5,44
S2EJ	S2EJ	P	2019	1	5,44
S2GE	S2GE	P	2015	0,2	34,554
S2GE	S2GE	P	2016	0,63	34,554
S2GE	S2GE	P	2017	0,73	34,554
S2GE	S2GE	P	2018	0,78	34,554
S2GE	S2GE	P	2019	0,67	34,554
S2GS	S2GS	P	2015	0,15	21,269
S2GS	S2GS	P	2016	0,89	21,269
S2GS	S2GS	P	2017	1	21,269
S2GS	S2GS	P	2018	1	21,269
S2GS	S2GS	P	2019	1	21,269
S2IE	S2IE	P	2016	0,76	8,576
S2IE	S2IE	P	2017	1	8,576
S2IE	S2IE	P	2018	1	8,576
S2IE	S2IE	P	2019	1	8,576
S2IE	S3IE	P	2015	0,06	8,576
S2IE	S3IE	P	2016	0,76	8,576
S2IE	S3IE	P	2017	1	8,576
S2IE	S3IE	P	2018	1	8,576
S2IE	S3IE	P	2019	1	8,576
S2ND	S2ND	P	2015	0,1	8,928
S2ND	S2ND	P	2016	0,75	8,928
S2ND	S2ND	P	2017	1	8,928
S2ND	S2ND	P	2018	0,83	8,928
S2ND	S2ND	P	2019	0,96	8,928
S2ND	S3ND	P	2015	0,1	8,928
S2ND	S3ND	P	2016	0,75	8,928
S2ND	S3ND	P	2017	1	8,928
S2ND	S3ND	P	2018	0,83	8,928
S2ND	S3ND	P	2019	0,96	8,928
S2NW	S2NW	P	2015	0,09	5,44
S2NW	S2NW	P	2016	0,9	5,44
S2NW	S2NW	P	2017	0,97	5,44
S2NW	S2NW	P	2018	0,98	5,44
S2NW	S2NW	P	2019	1	5,44
S2QU	S2QU	P	2015	0,13	7,686
S2QU	S2QU	P	2016	0,63	7,686
S2QU	S2QU	P	2017	0,83	7,686
S2QU	S2QU	P	2018	1	7,686
S2SD	S2SD	P	2015	0,08	24,064
S2SD	S2SD	P	2016	1	24,064

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
S2SD	S2SD	P	2017	0,89	24,064
S2SD	S2SD	P	2018	0,83	24,064
S2SD	S2SD	P	2019	0,83	24,064
S2SE	S2SE	P	2015	1	17,11
S2SE	S2SE	P	2016	0,9	17,11
S2SE	S2SE	P	2017	0,37	17,11
S2SE	S2SE	P	2018	0,12	17,11
S2SE	S2SE	P	2019	0,12	17,11
S2VT	S2VT	P	2015	0,382545	21,93
S2VT	S2VT	P	2016	0,8	21,93
S2VT	S2VT	P	2017	0,67	21,93
S2VT	S2VT	P	2018	0,61	21,93
S2VT	S2VT	P	2019	0,61	21,93
S2YN	S2YN	P	2015	0,14	6,519
S2YN	S2YN	P	2016	0,72	6,519
S2YN	S2YN	P	2017	0,79	6,519
S2YN	S2YN	P	2018	0,89	6,519
S2YN	S2YN	P	2019	1	6,519
T2KA	T2KA	P	2015	0,2	36,103
T2KA	T2KA	P	2016	0,96	36,103
T2KA	T2KA	P	2017	0,95	36,103
T2KA	T2KA	P	2018	0,98	36,103
T2KA	T2KA	P	2019	1	36,103
T2NE	T2NE	P	2015	0,16	25,085
T2NE	T2NE	P	2016	1	25,085
T2NE	T2NE	P	2017	0,43	25,085
T2NE	T2NE	P	2018	0,43	25,085
T2NE	T2NE	P	2019	0,44	25,085
T2OT	T2OT	P	2015	0,09	16,083
T2OT	T2OT	P	2016	0,49	16,083
T2OT	T2OT	P	2017	0,44	16,083
T2OT	T2OT	P	2018	0,99	16,083
T2OT	T2OT	P	2019	1	16,083
T2QI	T2QI	P	2015	1	80,446
T2QI	T2QI	P	2016	0,25	80,446
T2QI	T2QI	P	2017	0,15	80,446
T2QI	T2QI	P	2018	0,14	80,446
T2QI	T2QI	P	2019	0,14	80,446
T2SC	T2SC	P	2015	0,69	39,6
T2SC	T2SC	P	2016	1	39,6
T2SC	T2SC	P	2017	0,78	39,6
T2SC	T2SC	P	2018	0,79	39,6
T2SC	T2SC	P	2019	0,78	39,6

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
U2BL	U2BL	P	2015	0,11	7,304
U2BL	U2BL	P	2016	0,55	7,304
U2BL	U2BL	P	2017	0,76	7,304
U2BL	U2BL	P	2018	0,98	7,304
U2BL	U2BL	P	2019	1	7,304
U2BS	U2BS	P	2015	0,42	70,401
U2BS	U2BS	P	2016	1	70,401
U2BS	U2BS	P	2017	0,6	70,401
U2BS	U2BS	P	2018	0,56	70,401
U2BS	U2BS	P	2019	0,51	70,401
U2EI	U2EI	P	2015	0,26	50
U2EI	U2EI	P	2016	1	50
U2EI	U2EI	P	2017	1	50
U2EI	U2EI	P	2018	1	50
U2EI	U2EI	P	2019	1	50
U2HR	U2HR	P	2015	0,2	75,27
U2HR	U2HR	P	2016	0,3	75,27
U2HR	U2HR	P	2017	0,91	75,27
U2HR	U2HR	P	2018	0,89	75,27
U2HR	U2HR	P	2019	0,89	75,27
U2NI	U2NI	P	2015	0,2	7,836
U2NI	U2NI	P	2016	0,69	7,836
U2NI	U2NI	P	2017	0,9	7,836
U2NI	U2NI	P	2018	0,93	7,836
U2NI	U2NI	P	2019	1	7,836
V2AC	V2AC	P	2015	0,2	27,668
V2AC	V2AC	P	2016	0,36	27,668
V2AC	V2AC	P	2017	1	27,668
V2AC	V2AC	P	2018	0,12	27,668
V2AC	V2AC	P	2019	1	27,668
V2O	V2O	P	2015	0,2	6,37
V2O	V2O	P	2016	0,68	6,37
V2O	V2O	P	2017	0,81	6,37
V2O	V2O	P	2018	0,87	6,37
V2O	V2O	P	2019	1	6,37
V2O	V3O	P	2015	0,2	6,37
V2O	V3O	P	2016	0,68	6,37
V2O	V3O	P	2017	0,81	6,37
V2O	V3O	P	2018	0,87	6,37
V2O	V3O	P	2019	1	6,37
V2O	V4O	P	2015	0,2	6,37
V2O	V4O	P	2016	0,68	6,37
V2O	V4O	P	2017	0,81	6,37

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
V2O	V4O	P	2018	0,87	6,37
V2O	V4O	P	2019	1	6,37
V2VD	V2VD	P	2015	0,2	5,44
V2VD	V2VD	P	2016	1	5,44
V2VD	V2VD	P	2017	1	5,44
V2VD	V2VD	P	2018	1	5,44
V2VD	V2VD	P	2019	1	5,44
V2VU	V2VU	P	2015	0,14	34,809
V2VU	V2VU	P	2016	1	34,809
V2VU	V2VU	P	2017	1	34,809
V2VU	V2VU	P	2018	1	34,809
V2VU	V2VU	P	2019	1	34,809
V2VU	V3VU	P	2015	0,14	34,809
V2VU	V3VU	P	2016	1	34,809
V2VU	V3VU	P	2017	1	34,809
V2VU	V3VU	P	2018	1	34,809
V2VU	V3VU	P	2019	1	34,809
V2VU	V4VU	P	2015	0,14	34,809
V2VU	V4VU	P	2016	1	34,809
V2VU	V4VU	P	2017	1	34,809
V2VU	V4VU	P	2018	1	34,809
V2VU	V4VU	P	2019	1	34,809
V2W	V2W3	P	2015	0,06	5,44
V2W	V2W3	P	2016	0,96	5,44
V2W	V2W3	P	2017	0,97	5,44
V2W	V2W3	P	2018	0,94	5,44
V2W	V2W3	P	2019	1	5,44
W2MT	W2MT	P	2015	0,5	5,44
W2MT	W2MT	P	2016	1	5,44
W2MT	W2MT	P	2017	1	5,44
W2MT	W2MT	P	2018	1	5,44
W2MT	W2MT	P	2019	1	5,44
X2CA	X2CA	P	2015	0,07	34,756
X2CA	X2CA	P	2016	0,95	34,756
X2CA	X2CA	P	2017	0,96	34,756
X2CA	X2CA	P	2018	1	34,756
X2CA	X2CA	P	2019	0,91	34,756
Z2UR	Z2UR	P	2015	0,05	7,562
Z2UR	Z2UR	P	2016	0,48	7,562
Z2UR	Z2UR	P	2017	0,62	7,562
Z2UR	Z2UR	P	2018	1	7,562
Z2UR	Z2UR	P	2019	0,84	7,562
EBD	FEBD	P	2015	0,97	12,55

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
EBD	FEBD	P	2016	0,87	12,55
EBD	FEBD	P	2017	1	12,55
EBD	FEBD	P	2018	0,94	12,55
EBD	FEBD	P	2019	0,94	12,55
EED	FEED	P	2015	0,1	31,36
EED	FEED	P	2016	0,18	31,36
EED	FEED	P	2017	1	31,36
EED	FEED	P	2018	1	31,36
EED	FEED	P	2019	1	31,36
EID	FEID	P	2015	0,14	14,73
EID	FEID	P	2016	1	14,73
EID	FEID	P	2017	1	14,73
EID	FEID	P	2018	1	14,73
EID	FEID	P	2019	1	14,73
ETD	FETD	P	2015	0,9	9,59
ETD	FETD	P	2016	1	9,59
ETD	FETD	P	2017	0,7	9,59
ETD	FETD	P	2018	0,71	9,59
ETD	FETD	P	2019	0,71	9,59
EUD	FEUD	P	2015	1	5,5
EUD	FEUD	P	2016	0,18	5,5
EUD	FEUD	P	2017	0,37	5,5
EUD	FEUD	P	2018	0,1	5,5
EUD	FEUD	P	2019	0,1	5,5
P2ER	P2ER	P	2015	0,48	5,44
P2ER	P2ER	P	2016	0,58	5,44
P2ER	P2ER	P	2017	0,88	5,44
P2ER	P2ER	P	2018	0,94	5,44
P2ER	P2ER	P	2019	0,81	5,44
SBD	FSBD	P	2015	1	6,78
SBD	FSBD	P	2016	0,59	6,78
SBD	FSBD	P	2017	0,23	6,78
SBD	FSBD	P	2018	1	6,78
SBD	FSBD	P	2019	1	6,78
SED	FSED	P	2015	0,82	5,44
SED	FSED	P	2016	1	5,44
SED	FSED	P	2017	0,93	5,44
SED	FSED	P	2018	0,94	5,44
SED	FSED	P	2019	0,93	5,44
STD	FSTD	P	2015	1	6,5
STD	FSTD	P	2016	0,7	6,5
STD	FSTD	P	2017	0,37	6,5
STD	FSTD	P	2018	0,19	6,5

A_MARGIN_CLASS_CODE	A_PRODUCT_ID	MP_Flag	A_EXP_YEAR	MaturityFactor_NEW	MarginParameter_New
STD	FSTD	P	2019	0,1	6,5
SUD	FSUD	P	2015	1	5,44
SUD	FSUD	P	2016	0,28	5,44
SUD	FSUD	P	2017	0,32	5,44
SUD	FSUD	P	2018	0,12	5,44
SUD	FSUD	P	2019	0,12	5,44
SVD	FSID	P	2015	0,63	5,56
SVD	FSID	P	2016	0,12	5,56
SVD	FSID	P	2017	0,17	5,56
SVD	FSID	P	2018	0,93	5,56
SVD	FSID	P	2019	1	5,56