



**ISIN Attachment CCP 12.0 / T2S wave 4
Member Simulation Guide**

Introduction

As described in the CCP 12.0 / T2S wave 4 Member Simulation Guide, this document lists the instruments available in CCP simulation and for which Clearstream Banking Frankfurt has set up holdings on every main account in simulation in preparation for T2S settlement.

Please be advised that the quantity of holdings between ISINs varies. For information on the amount of holdings, please refer to CBFs "Free Simulation - List of Security ISINs" document which is available as spreadsheet via the following link:

<http://www.clearstream.com/blob/82328/1db85cd3e7dff3ad88667c445ec3403f/free-simulation---list-of-security-isins-data.xlsx>

ISIN	Long Name	Currency	Instrument Type
AT0000730007	ANDRITZ AG	EUR	EQU
CH0010532478	ACTELION LTD SF 0,50	EUR	EQU
CH0018454253	EIDGENOSSENSCHAFT 04-19	EUR	BON
CH0021783391	PARGESA HLDG INH. SF 20	EUR	EQU
CH0038863350	NESTLE NAM. SF-,10	EUR	EQU
DE0001030526	BUNDANL.V. 09/20 INFL.LKD	EUR	BON
DE0001030534	BUNDOBL.V.11/18 INFL.LKD	EUR	BON
DE0001030542	BUNDANL.V. 12/23 INFL.LKD	EUR	BON
DE0001053379	BAYERN LSA 10/20 S118	EUR	BON
DE0001102309	BUNDANL.V.13/23	EUR	BON
DE0001102317	BUNDANL.V.13/23	EUR	BON
DE0001102325	BUNDANL.V.13/23	EUR	BON
DE0001102333	BUNDANL.V.14/24	EUR	BON
DE0001102341	BUNDANL.V.14/46	EUR	BON
DE0001102358	BUNDANL.V.14/24	EUR	BON
DE0001102366	BUNDANL.V.14/24	EUR	BON
DE0001104602	BUND SCHATZANW. 15/17	EUR	BON
DE0001135143	BUNDANL.V. 00/30	EUR	BON
DE0001135176	BUNDANL.V. 00/31	EUR	BON
DE0001135275	BUNDANL.V. 05/37	EUR	BON
DE0001135390	BUNDANL.V. 09/20	EUR	BON
DE0001135408	BUNDANL.V. 10/20	EUR	BON

ISIN	Long Name	Currency	Instrument Type
DE0001135416	BUNDANL.V. 10/20	EUR	BON
DE0001135457	BUNDANL.V. 11/21	EUR	BON
DE0001135465	BUNDANL.V. 11/22	EUR	BON
DE0001135473	BUNDANL.V.12/22	EUR	BON
DE0002764198	K.F.W.IS.98/2018 R.213	EUR	BON
DE0005110001	ALL FOR ONE STEEB AG	EUR	EQU
DE0005140008	DEUTSCHE BANK AG NA O.N.	EUR	EQU
DE0005190003	BAY.MOTOREN WERKE AG ST	EUR	EQU
DE0005200000	BEIERSDORF AG O.N.	EUR	EQU
DE0005297204	HOMAG GROUP AG	EUR	EQU
DE0005408884	LEONI AG NA O.N.	EUR	EQU
DE0005439004	CONTINENTAL AG O.N.	EUR	EQU
DE0005470306	CTS EVENTIM KGAA	EUR	EQU
DE0005470405	LANXESS AG	EUR	EQU
DE0005493092	BORUSSIA DORTMUND	EUR	EQU
DE0005501357	A.SPRINGER SE VNA	EUR	EQU
DE0005552004	DEUTSCHE POST AG NA O.N.	EUR	EQU
DE0005557508	DT.TELEKOM AG NA	EUR	EQU
DE0005565204	DUERR AG O.N.	EUR	EQU
DE0005634000	EASY SOFTWARE AG	EUR	EQU
DE0005664809	EVOTEC AG O.N.	EUR	EQU
DE0005772206	FIELMANN AG O.N.	EUR	EQU

ISIN	Long Name	Currency	Instrument Type
DE0005773303	FRAPORT AG FFM.AIRPORT	EUR	EQU
DE0005785604	FRESENIUS SE+CO.KGAA O.N.	EUR	EQU
DE0005785802	FRESEN.MED.CARE KGAA O.N.	EUR	EQU
DE0005810055	DEUTSCHE BOERSE NA O.N.	EUR	EQU
DE0005878003	DMG MORI AG O.N.	EUR	EQU
DE0005909006	BILFINGER SE O.N.	EUR	EQU
DE0005933931	ISHS CORE DAX UCITS ETF	EUR	XTF
DE0006047004	HEIDELBERGCEMENT AG O.N.	EUR	EQU
DE0006048432	HENKEL AG+CO.KGAA VZO	EUR	EQU
DE0006070006	HOCHTIEF AG	EUR	EQU
DE0006202005	SALZGITTER AG O.N.	EUR	EQU
DE0006204407	KUKA AG	EUR	EQU
DE0006219934	JUNGHEINRICH AG O.N.VZO	EUR	EQU
DE0006229107	JENOPTIK AG O.N.	EUR	EQU
DE0006231004	INFINEON TECH.AG NA O.N.	EUR	EQU
DE0006305006	DEUTZ AG O.N.	EUR	EQU
DE0006335003	KRONES AG O.N.	EUR	EQU
DE0006483001	LINDE AG O.N.	EUR	EQU
DE0006599905	MERCK KGAA O.N.	EUR	EQU
DE0006602006	GEA GROUP AG	EUR	EQU
DE0006766504	AURUBIS AG	EUR	EQU
DE0006916604	PFEIFFER VACUUM TECH.O.N.	EUR	EQU

ISIN	Long Name	Currency	Instrument Type
DE0006969603	PUMA SE	EUR	EQU
DE0007030009	RHEINMETALL AG	EUR	EQU
DE0007037129	RWE AG ST O.N.	EUR	EQU
DE0007042301	RHOEN-KLINIKUM O.N.	EUR	EQU
DE0007100000	DAIMLER AG NA O.N.	EUR	EQU
DE0007164600	SAP SE O.N.	EUR	EQU
DE0007193500	KOENIG + BAUER AG ST O.N.	EUR	EQU
DE0007236101	SIEMENS AG NA	EUR	EQU
DE0007251803	STADA ARZNEIMITT.VNA O.N.	EUR	EQU
DE0007257503	METRO AG ST O.N.	EUR	EQU
DE0007297004	SUEDZUCKER AG O.N.	EUR	EQU
DE0007493991	STROEER SE	EUR	EQU
DE0007500001	THYSSENKRUPP AG O.N.	EUR	EQU
DE0007664005	VOLKSWAGEN AG ST O.N.	EUR	EQU
DE0007664039	VOLKSWAGEN AG VZO O.N.	EUR	EQU
DE0008232125	LUFTHANSA AG VNA O.N.	EUR	EQU
DE0008402215	HANN.RUECK SE NA O.N.	EUR	EQU
DE0008404005	ALLIANZ SE VNA O.N.	EUR	EQU
DE0008430026	MUENCH.RUECKVERS.VNA O.N.	EUR	EQU
DE0009147207	CONSTANTIN MEDIEN AG O.N.	EUR	EQU
DE000A0D9PT0	MTU AERO ENGINES NA O.N.	EUR	EQU
DE000A0S8488	HAMBURG.HAFEN U.LOG.A-SP	EUR	EQU

ISIN	Long Name	Currency	Instrument Type
DE000A0S9GB0	DT.BOERSE COM. XETRA-GOLD	EUR	XTF
DE000A0Z2XN6	RIB SOFTWARE AG NA	EUR	EQU
DE000A1DAH0	BRENNTAG AG	EUR	EQU
DE000A1EWWW0	ADIDAS AG NA O.N.	EUR	EQU
DE000BASF111	BASF SE NA O.N.	EUR	EQU
DE000BAY0017	BAYER AG NA	EUR	EQU
DE000CBK1001	COMMERZBANK AG	EUR	EQU
DE000ENAG999	E.ON SE NA	EUR	EQU
DE000ETFL250	DK STOXX EUROPE 50	EUR	XTF
DE000KSAG888	K+S AG NA O.N.	EUR	EQU
DE000LED4000	OSRAM LICHT AG NA O.N.	EUR	EQU
DE000SYM9999	SYMRISE AG INH. O.N.	EUR	EQU
DE000TUAG000	TUI AG NA	EUR	EQU
DE000WCH8881	WACKER CHEMIE O.N.	EUR	EQU
FR0000120578	SANOFI SA INHABER EO 2	EUR	EQU
FR0000120628	AXA S.A. INH. EO 2,29	EUR	EQU
FR0010688192	AMUNDI ETF MSCI EU.HEAL.	EUR	XTF
IE00B23D9133	P.SHS GLOB.CLE.ENER.U.ETF	EUR	XTF
IE00B4JY5R22	UBS ETFS-S+P 500 SF AADL	USD	XTF
IE00B5MTWD60	SOURCE-S.ST.E.600OP.BKS A	EUR	XTF
IE00B5MTXJ97	SOURCE-S.ST.E.600OP.INS.A	EUR	XTF
IT0000062072	GENERALI EO 1	EUR	EQU

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IT0000062957	MEDIOWCA EO 0,50	EUR	EQU
IT0000068525	SAIPEM	EUR	EQU
IT0000072618	INTESA SANPAOLO EO 0,52	EUR	EQU
IT0003128367	ENEL S.P.A. EO 1	EUR	EQU
IT0003132476	ENI S.P.A.	EUR	EQU
IT0003497168	TELECOM ITALIA	EUR	EQU
IT0003497176	TELECOM ITALIA RNC	EUR	EQU
LU0290356954	DB X-TR.II-IB.S.E.3-5 1C	EUR	XTF
LU1306625283	BOCI CBK-S.S.EX.50A I.AYD	CNY	XTF
NL0000009165	HEINEKEN EO 1,60	EUR	EQU
NL0000009355	UNILEVER CVA EO -,16	EUR	EQU
NL0000235190	AIRBUS GROUP SE	EUR	EQU
NL0000303709	AEGON NV (DEMAT.) EO-12	EUR	EQU
US0231351067	AMAZON.COM INC. DL-,01	EUR	EQU
US17275R1023	CISCO SYSTEMS DL-,001	EUR	EQU
US1912161007	COCA-COLA CO. DL-,25	EUR	EQU
US2546871060	DISNEY (WALT) CO.	EUR	EQU
US7750431022	ROFIN SINAR TECHS DL-,01	EUR	EQU