

Participants BIC	Participant's company name	Participation type
AACSDE33XXX	SPARKASSE AACHEN	1
AARBDE5WXXX	AAREAL BANK AG	1
ABCADEFFXXX	ARAB BANKING CORPORATION SA FRANKFURT BRANCH	1
ABGRDEFFXXX	PIRAEUS BANK SA (FRANKFURT BRANCH),EX AGRICULTURAL	1
ABKBDEBBXXX	ABK ALLGEMEINE BEAMTEN BANK AG	1
ABKLCY2NXXX	ALPHA BANK CYPRUS LTD	1
ABNANL2AXXX	ABN AMRO BANK N.V.	1
ABNCNL2AISA	ABN AMRO CLEARING BANK N.V.	1
ABNCNL2AXXX	ABN AMRO CLEARING BANK N.V.	1
ABOCDEFFXXX	AGRICULTURAL BANK OF CHINA FRANKFURT BRANCH	1
ADYBNL2AXXX	ADYEN N.V.	1
AEBAGRAAXXX	AEGEAN BALTIC BANK S.A.	1
AEGONL2U100	AEGON BANK N.V.	1
AEGONL2UXXX	AEGON BANK N.V.	1
AFRIFRPPXXX	BOA-FRANCE	1
AGBACZPPXXX	MONETA MONEY BANK, A.S.	1
AGBLLT2XXXX	LUMINOR BANK AS LITHUANIAN BRANCH	1
AGBMDEMMTGT	AIRBUS BANK GMBH	1
AGFBFRPPXXX	ALLIANZ BANQUE	1
AGFOFR21XXX	AGENCE FRANCE LOCALE	1
AGRIFRPPXXX	CREDIT AGRICOLE SA	1
AGRIPLPRXXX	CREDIT AGRICOLE BANK POLSKA S.A.	1
AGRKMTMTXXX	AGRIBANK PLC	1
AHBKNL2GXXX	ACHMEA BANK NV	1
AIBKIE2DXXX	AIB BANK	1
AKBKDEFFXXX	AKBANK AG	1
AKFBDE33XXX	AKF BANK GMBH UND CO KG	1
ALBADKKKXXX	ARBEJDERNES LANDSBANK A/S	1
ALBPPLPWXXX	ALIOR BANK SPOLKA AKCYJNA	1
ALCLESMMXXX	BANCO ALCALA S.A.	1
ALLFESMMXXX	ALLFUNDS BANK	1
ALTEDEFAXXX	ALTE LEIPZIGER BAUSPAR AG	1
ANCOCY2NXXX	ANCORIA BANK LTD	1

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ANDLNL2AXXX	ANADOLUBANK NEDERLAND N.V.	1
ANHODE7AXXX	BANKHAUS ANTON HAFNER KG	1
APKEFIHHXXX	EUROCLEAR FINLAND LTD	1
APSBMTMTXXX	APS BANK PLC.	1
ARABDEFFXXX	EUROPE ARAB BANK SA	1
ARBNNL22XXX	ACHMEA BANK NV	1
AREBESMMXXX	ARES BANK, S.A.	1
ARSPBE22XXX	ARGENTA	1
ASPKAT2LXXX	SPARKASSE OBEROESTERREICH BANK AG	1
ATHCGRABXXX	ATHEXCLEAR	1
ATTIGRAAXXX	ATTICA BANK SA	1
AUSKDEFFXXX	AKA AUSFUHRKREDIT-GESELLSCHAFT MBH	1
AXABBE22XXX	AXA BANK BELGIUM	1
AXABFRPPTG2	AXA BANQUE SA	1
AYGBESMMXXX	A AND G BANCO, S.A.U.	1
AZZBITT3XXX	BANCO DI CREDITO P. AZZOAGLIO S.P.A	1
BACAESMMXXX	MYINVESTOR BANCO, S.A.	1
BACALULLXXX	ANDBANK LUXEMBOURG S.A.	1
BACPFRPPAMS	BANQUE CENTRALE DE COMPENSATION - LCH.CLEARNET SA	1
BACPFRPPCLI	BANQUE CENTRALE DE COMPENSATION - LCH.CLEARNET SA	1
BACPFRPPTG2	BANQUE CENTRALE DE COMPENSATION - LCH.CLEARNET SA	1
BACPFRPPUSC	BANQUE CENTRALE DE COMPENSATION - LCH.CLEARNET SA	1
BACRIT22XXX	CREDITO EMILIANO S.P.A.	1
BACXROBUXXX	UNICREDIT BANK SA	1
BACXSI22XXX	UNICREDIT BANKA SLOVENIJA D.D.	1
BAERLULUXXX	BANK JULIUS BAER EUROPE S.A.	1
BAFUITRRXXX	BANCA DEL FUCINO	1
BAIPPTPLXXX	BANCO BAI EUROPA, SA	1
BAKOSI2XXXX	BANKA INTESA SANPAOLO D.D.	1
BAPAPTPLXXX	BANCO ATLANTICO EUROPA, SA	1
BAPPIT22XXX	BANCO BPM SPA	1
BAPUES22XXX	BANCA PUEYO, S.A.	1
BARCDEFFXXX	BARCLAYS BANK IRELAND PLC FRANKFURT BRANCH	1

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BASKES2BXXX	KUTXABANK, S.A.	1
BAAWATWWBUN	BAWAG P.S.K. Bank fuer Arbeit und W	1
BAAWATWWXXX	BAWAG P.S.K. Bank fuer Arbeit und Wirtschaft und Oesterre	1
BBPIPTPLXXX	BANCO BPI SA	1
BBPPLULLXXX	BANQUE DE PATRIMOINES PRIVES	1
BBRUBEBB010	ING BELGIUM NV/SA (FORMERLY BANK BRUSSELS LAMBERT	1
BBSPE6KXXX	DEUTSCHE BAUSPARKASSE BADENIA AKTIENGESELLSCHAFT	1
BBVABEBBTG2	BANCO BILBAO VIZCAYA ARGENTARIA S.A.	1
BBVAESMMXXX	BANCO BILBAO VIZCAYA ARGENTARIA S.A.	1
BCCAESMMXXX	BANCO DE CREDITO SOCIAL COOPERATIVO SA.	1
BCDMESMMXXX	BANQUE CHAABI DU MAROC SUCURSAL ESPANA	1
BCEELULLXXX	BANQUE ET CAISSE D'EPARGNE DE L'ETAT	1
BCIRLULLXXX	BANKING CIRCLE S.A.	1
BCITITMMXXX	INTESA SANPAOLO SPA	1
BCLSDE22XXX	BANKHAUS C.L. SEELIGER	1
BCLXLUDDLTL	BCL CBDC TOKENISED BOND	1
BCLXLUULLTP1	BANQUE CENTRALE DU LUXEMBOURG	1
BCLXLUULLTP2	BANQUE CENTRALE DU LUXEMBOURG	1
BCLXLUULLXXX	BANQUE CENTRALE DU LUXEMBOURG	1
BCMAFRPPTGT	ATTIJARIWafa BANK EUROPE-PARIS	1
BCOESMMXXX	BANCO COOPERATIVO ESPANOL S.A.	1
BCOMPTPLXXX	BANCO COMERCIAL PORTUGUES	1
BCPCIT2PXXX	BANCA DI PIACENZA	1
BCPTITNNXXX	BANCA DI CREDITO POPOLARE	1
BCVAIT2VXXX	BANCA VALSABBINA S.C.P.A.	1
BCYPCY2NXXX	BANK OF CYPRUS PUBLIC COMPANY LIMITED	1
BDBDIT22XXX	BANCO DI DESIO E DELLA BRIANZA S.P.A.	1
BDCPITTTXXX	BANCA DEL PIEMONTE	1
BDEIFRPPXXX	BANQUE FIDUCIAL (FORMERLY BANQUE THEMIS)	1
BDFEFR2TCP1	BANQUE DE FRANCE	1
BDFEFR2TXXX	BANQUE DE FRANCE	1
BDIGPTPLXXX	BANCO DE INVESTIMENTO GLOBAL S.A.	1
BDWBDEMMXXX	BAADER BANK AG	1

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BEGODEHHXXX	JOH. BERENBERG,GOSSLER UND CO.KG	1
BEILLULLXXX	BANQUE EUROPEENNE D'INVESTISSEMENT- BEI/EIB	1
BELADEBEXXX	BERLINER SPARKASSE - LANDESBANK BERLIN AG	1
BESCPTPLXXX	NOVO BANCO, SA	1
BFERROBUXXX	TECHVENTURES BANK SA	1
BFIAPTPLXXX	BANCO FINANTIA S.A.	1
BFIVESBBXXX	BANCO MEDIOLANUM, S.A.	1
BFKKAT2KXXX	BKS Bank AG	1
BFKKHR22XXX	BKS BANK AG, GLAVNA PODRUZNICA HRVATSKA	1
BFKKSII22XXX	BKS BANK AG, BANCNA PODRUZNICA	1
BFKKSBBBXXX	BKS BANK AG, POBOCKA ZAHRANICNEJ BANKY V SR	1
BFRILI22XXX	BANK FRICK AND CO AKTIENGESELLSCHAFT	1
BGALPTTGBAC	BANCO DE PORTUGAL	1
BGALPTTGBC	BANCO DE PORTUGAL	1
BGALPTTGDET	BANCO DE PORTUGAL	1
BGALPTTGIBC	BANCO DE PORTUGAL	1
BGALPTTGSSB	BANCO DE PORTUGAL	1
BGALPTTGXXX	BANCO DE PORTUGAL	1
BGENATWWXXX	Generali Bank AG	1
BGENIT2TXXX	BANCA GENERALI SPA	1
BGFIFRPPXXX	BGFIBANK EUROPE	1
BGLLLULLXXX	BGL BNP PARIBAS	1
BGUSBGSFXXX	BULGARIAN-AMERICAN CREDIT BANK	1
BHFBDEFF500	ODDO BHF AKTIENGESELLSCHAFT	1
BHLSDEMMXXX	BANKHAUS LUDWIG SPERRER KG	1
BHYPDEB2XXX	BERLIN HYP AG	1
BICKNL2AXXX	BINCKBANK N.V.	1
BIGBPLPWXXX	BANK MILLENNIUM S.A.	1
BIGKEE2BXXX	BIGBANK AS	1
BIGTIE2DXXX	BANK OF IRELAND (GLOBAL MARKETS)	1
BILLLULLCOM	BANQUE INTERNATIONALE A LUXEMBOURG SA	1
BILLLULLST2	BANQUE INTERNATIONALE A LUXEMBOURG SA	1
BILLLULLXXX	BANQUE INTERNATIONALE A LUXEMBOURG SA	1

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BITAITRRRF1	BANCA D'ITALIA	1
BITAITRRXXX	BANCA D'ITALIA	1
BIWBDE33XXX	FLATEXDEGIRO BANK AG	1
BJSBMCMLCO	BANQUE J. SAFRA SARASIN (MONACO) SA	1
BKAUATWWXXX	UNICREDIT BANK AUSTRIA AG	1
BKBKESMMXXX	BANKINTER, S.A.	1
BKBKPTPLXXX	BANKINTER SA-SUCURSAL EM PORTUGAL	1
BKCHDEFFXXX	BANK OF CHINA	1
BKMGNL2AXXX	BANK MENDES GANS N.V.	1
BKMZDE51XXX	BAUSPARKASSE MAINZ AKTIENGESELLSCHAFT	1
BKRAITMMXXX	ALLIANZ BANK FINANCIAL ADVISORS SPA	1
BLFLATWWXXX	LGT Bank AG	1
BLJCPTPTXXX	BANCO L.J. CARREGOSA, S.A.	1
BLOMFRPPBDF	BANQUE BANORIENT FRANCE	1
BLUXLULLXXX	BANQUE DE LUXEMBOURG S.A.	1
BMARES2MXXX	BANCA MARCH, SA	1
BMCEESMMXXX	BANK OF AFRICA EUROPE, SAU	1
BMMMFRCPXXX	ROTHSCHILD MARTIN MAUREL	1
BMPBBEBBVOD	AION	1
BMWBDDEMUXXX	BMW BANK GMBH	1
BNAGBEBBXXX	BANQUE NAGELMACKERS S.A. - BANK NAGELMACKERS NV	1
BNBGBGSFXXX	BULGARIAN NATIONAL BANK	1
BNFIPTPLXXX	BISON BANK, S.A.	1
BNGHNL2GLCH	BNG BANK N.V.	1
BNGHNL2GXXX	BNG BANK N.V.	1
BNGRGRAAXXX	BANK OF GREECE	1
BNICPTPLXXX	BNI - BANCO DE NEGOCIOS INTERNACIONAL (EUROPA), S.A.	1
BNIFMTMTXXX	BNF BANK PLC (FORMERLY BANIF BANK MALTA)	1
BNLIITRRXXX	BANCA NAZIONALE DEL LAVORO S.P.A.	1
BNPAFRPPTLF	BNP-PARIBAS SA (FORMERLY BANQUE NATIONALE DE PARIS)	1
BNPAFRPPXXX	BNP-PARIBAS SA (FORMERLY BANQUE NATIONALE DE PARIS)	1
BNYMDEFXXXX	BANK OF NEW YORK MELLON SA/NV ASSET SERVICING, NL F	1
BOFADEFXXXX	BANK OF AMERICA EUROPE DESIGNATED ACTIVITY COMPAI	1

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BOFMIE2DXXX	BANK OF MONTREAL EUROPE PLC	1
BOTKFRPXXX	MUFG BANK, LTD. PARIS BRANCH	1
BOTKNL2XXXX	MUFG BANK (EUROPE) N.V. AMSTERDAM (FORMERLY BANK	1
BOURDEFFXXX	COMMERZBANK AG (FORMERLY COMDIRECT BANK AG)	1
BPAAIT2BXXX	BANCA POPOLARE DELL'ALTO ADIGE/SUEDTIROLER VOLKSB	1
BPBAIT3BXXX	BANCA POPOLARE DI BARI SCPA	1
BPBIBGSFXXX	EUROBANK BULGARIA AD	1
BPCEFRPPXXX	BPCE	1
BPDMIT3BXXX	BANCA POPOLARE DI PUGLIA E BASILICATA	1
BPGPPTPLXXX	BANCO PORTUGUES DE GESTAO, S.A.	1
BPKOPLPWXXX	PKO BANK POLSKI S.A.	1
BPLCFRPPXXX	BARCLAYS BANK PLC, FRENCH BRANCH	1
BPLZIT3VXXX	BANCA POPOLARE DEL LAZIO	1
BPMOIT22XXX	BPER BANCA S.P.A.	1
BPNPPTPLXXX	BANCO BIC PORTUGUES, S.A.	1
BPOTBEBEXXX	BPOST BANK-BPOST BANQUE	1
BPPIITRRXXX	POSTE ITALIANE S.P.A.	1
BPPUIT33XXX	BANCA POPOLARE PUGLIESE	1
BPTTITMMXXX	BANCA PROGETTO S.P.A	1
BRASATWWXXX	Banco do Brasil AG	1
BRASDEFFXXX	BANCO DO BRASIL S.A. FRANKFURT BRANCH	1
BRASFRPPXXX	BANCO DO BRASIL AG SUCCURSALE FRANCE	1
BRASPTPLXXX	BANCO DO BRASIL AG-SUCURSAL EM PORTUGAL	1
BREDFRPPXXX	BRED BANQUE POPULAIRE	1
BRELROBUXXX	LIBRA BANK S.A.	1
BREXPLPWXXX	MBANK S.A. (FORMERLY BRE BANK S.A.)	1
BREXSKBXXXX	MBANK S.A., POBOCKA ZAHRANICNEJ BANKY	1
BRMAROBUXXX	EXIM BANCA ROMANEASCA S.A.	1
BSABESBBXXX	BANCO DE SABADELL, S.A.	1
BSCHESMMXXX	BANCO SANTANDER S.A.	1
BSISITMMXXX	BANCA SISTEMA S.P.A.	1
BSLJSI2XFNB	BANK OF SLOVENIA	1
BSLJSI2XXXX	BANK OF SLOVENIA	1

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BSLOSK22XXX	PRIVATBANKA, A.S.	1
BSSWATWWXXX	Schelhammer Capital Bank AG	1
BSUIFRPPXXX	CREDIT AGRICOLE CIB	1
BSUILULLXXX	CACEIS BANK, LUXEMBOURG BRANCH	1
BSWLDE6LXXX	WUESTENROT BAUSPARKASSE AG	1
BTRLRO22XXX	BANCA TRANSILVANIA S.A.	1
BTVAAT22XXX	Bank fuer Tirol und Vorarlberg AG	1
BUCUROBUXXX	ALPHA BANK ROMANIA SA	1
BUINBGSFXXX	ALLIANZ BANK BULGARIA AD	1
BUNQNL2AXXX	BUNQ B.V.	1
BVDHDEMMXXX	BANKHAUS VON DER HEYDT GMBH UND CO. KG	1
BYLADEMMXXX	BAYERISCHE LANDESBANK, MUENCHEN	1
CAAHATWWXXX	CCP AUSTRIA ABWICKLUNGSSTELLE FUER BOERSENGESCHA	1
CADPITRRXXX	CASSA DEPOSITI E PRESTITI SOCIETA'PER AZIONI	1
CAGLESMMVIG	ABANCA CORPORACION BANCARIA, S.A.	1
CAIXESBBXXX	CAIXABANK, S.A.	1
CARNDKKKXXX	CARNEGIE INVESTMENT BANK, DK	1
CARPRO22XXX	PATRIA BANK S.A.	1
CASDESBBXXX	ARQUIA BANK S.A.	1
CASRIT22XXX	CASSA DI RISPARMIO DI ASTI SPA	1
CAZRES2ZXXX	IBERCAJA BANCO S A	1
CBBRLV22XXX	BLUOR BANK AS	1
CBCYCY2NXXX	CENTRAL BANK OF CYPRUS	1
CBSBLT26XXX	SIAULIU BANKAS AB	1
CBVILT2XXXX	AB SEB BANKAS	1
CCCMPTPLXXX	CAIXA CENTRAL CREDITO AGRICOLA MUTUO	1
CCEGITRR001	CASSA COMPENSAZIONE E GARANZIA S.P.A.	1
CCEGITRR010	CASSA COMPENSAZIONE E GARANZIA S.P.A.	1
CCEGITRR020	CASSA COMPENSAZIONE E GARANZIA S.P.A.	1
CCFRFRPPXXX	HSBC CONTINENTAL EUROPE	1
CCIFRPPXXX	CAISSE CENTRALE DU CREDIT IMMOBILIER DE FRANCE	1
CCMRFR2MXXX	CAISSE DE CREDIT MUNICIPAL DE MARSEILLE	1
CCOCESMMXXX	BANCO CAMINOS	1

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CCPHHR22001	SKDD-CCP SMART CLEAR D.D.	1
CCPHHR22XXX	SKDD-CCP SMART CLEAR D.D.	1
CCRALULLXXX	BANQUE RAIFFEISEN	1
CCRIES2AXXX	CAJAMAR CAJA RURAL, SOCIEDAD COOPERATIVA DE CREDIT	1
CCRTIT2TXXX	CASSA CENTRALE BANCA - CREDITO COOPERATIVO ITALIANI	1
CDCGFRPPXXX	CAISSE DES DEPOTS ET CONSIGNATIONS	1
CDCTPTP2XXX	CAIXA DE CREDITO DE LEIRIA	1
CDENESBBXXX	CAIXA DE CREDIT DELS. ENGINYERS-CAJA DE CREDITO DE LC	1
CDOTPTPPXXX	CAIXA DE CREDITO AGRICOLA MUTUO DE MAFRA CRL	1
CECAESMM045	CAJA DE AHORROS Y MONTE DE PIEDAD DE ONTINYENT	1
CECAESMM056	CAJA DE AHORROS DE POLLENSA	1
CECAESMMXXX	CECABANK, S.A.	1
CECBBSFXXX	CENTRAL COOPERATIVE BANK PLC	1
CECEROBUXXX	CEC BANK-S.A.	1
CEDELULLTSY	CLEARSTREAM BANKING S.A., LUXEMBOURG	1
CEDELULLXXX	CLEARSTREAM BANKING S.A., LUXEMBOURG	1
CEKOSKBXXX	CESKOSLOVENSKA OBCHODNA BANKA, A.S.	1
CEKVBE88XXX	CENTRALE KREDIETVERLENING N.V.	1
CELLLULLXXX	ING LUXEMBOURG S.A. (FORMERLY CREDIT EUROPEEN S.A.)	1
CEMAPTP2XXX	CAIXA ECONOMICA DA MISERICORDIA DE ANGRA DO HERO	1
CFFOFRPPXXX	COMPAGNIE DE FINANCEMENT FONCIER	1
CGCPFRPLXXX	COMPAGNIE GENERALE DE CREDIT AUX PARTICULIERS - CRE	1
CGDIPTPLXXX	CAIXA GERAL DE DEPOSITOS	1
CHASDEFXXXX	J.P. MORGAN SE	1
CIPBITM2XXX	BFF BANK SPA	1
CIPBITMMXXX	BFF BANK SPA	1
CITCNL2AXXX	CITCO BANK NEDERLAND N.V.	1
CITIE2XXXX	CITIBANK EUROPE PLC	1
CIVIIT2CXXX	BANCA DI CIVIDALE SOCIETA' PER AZIONI	1
CLPEES2MXXX	LABORAL KUTXA (CAJA LABORAL POPULAR COOP.DE CREDIT	1
CLSBUS33XXX	CLS BANK INTERNATIONAL	1
CMBRFR2BXXX	CREDIT MUTUEL ARKEA	1
CMCIDEDDXXX	TARGOBANK AG	1

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CMCIESMMXXX	TARGOBANK,S.A.U.	1
CMCIFRPACCM	CREDIT MUTUEL - CIC BANQUES	1
CMCIFRPAXXX	CREDIT MUTUEL - CIC BANQUES	1
CMCIFRPPXXX	CM - CIC BANQUES	1
CNIFFR2MXXX	IC FINANCIAL SERVICES S.A.	1
CNIFITTTXXX	IC FINANCIAL SERVICES S.A., SEDE SECONDARIA DI TORINO	1
CNORLULXXX	NORTHERN TRUST GLOBAL SERVICES SE	1
COBADEFFISL	COMMERZBANK AG	1
COBADEFFMAQ	COMMERZBANK AG	1
COBADEFFXXX	COMMERZBANK AG	1
COBALULUDCA	COMMERZBANK AG	1
COESGR22XXX	COOPERATIVE BANK OF CENTRAL MACEDONIA LTD	1
COFIFRCPXXX	EDMOND DE ROTHSCHILD (FRANCE)	1
COKSDE33XXX	KREISSPARKASSE KOELN	1
COLSDE33XXX	SPARKASSE KOELNBONN (FORMER STADTSPARKASSE KOELN	1
COMMDEFFXXX	BANK OF COMMUNICATIONS CO. LTD FRANKFURT BRANCH	1
COPRATWWXXX	Liechtensteinische Landesbank (Oesterreich) AG	1
CPHBBE75TG2	CPH BANQUE	1
CPLADE55XXX	TARGOBANK AG (FACTORING)	1
CPLUDES2XXX	CREDITPLUS BANK AG	1
CPMEFRPPXXX	BPIFRANCE	1
CRACIT33XXX	BANCA CAMBIANO 1884 SPA	1
CRBAGRAAXXX	ALPHA BANK SA	1
CRBZIT2BXXX	CASSA DI RISPARMIO DI BOLZANO S.P.A.	1
CRESESM2XXX	CREDIT SUISSE BANK (EUROPE) S.A.	1
CRESESMXXX	CREDIT SUISSE AG, SUCURSAL EN ESPANA	1
CRESITMMXXX	CREDIT SUISSE (ITALY) S.P.A.	1
CRESLULLXXX	CREDIT SUISSE (LUXEMBOURG) S.A., PRIVATE BANKING	1
CREXBGSFXXX	TOKUDA BANK AD	1
CRFEIT3FXXX	CASSA DI RISPARMIO DI FERMO SPA	1
CRLYFRPPXXX	LCL (LE CREDIT LYONNAIS)	1
CROAHR2XXXX	CROATIA BANKA D.D.	1
CRPPIT2PXXX	CREDIT AGRICOLE ITALIA S.P.A.	1

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CRRAIT2RXXX	LA CASSA DI RAVENNA S.P.A.	1
CRRHFRPAXXX	C.R.H. - CAISSE DE REFINANCEMENT DE L'HABITAT S.A.	1
CRVOIT3VXXX	CASSA DI RISPARMIO DI VOLTERRA	1
CRXBMTMTXXX	CREDORAX BANK LIMITED	1
CSDLLT22577	NASDAQ CSD SE LITHUANIAN BRANCH	1
CSDSSKBAXXX	CENTRALNY DEPOZITAR CENNYCH PAPIEROV SR, A.S.	1
CSFBDEFFXXX	CREDIT SUISSE (DEUTSCHLAND) AG	1
CSURES2CXXX	CAJASUR BANCO, S.A.	1
CTIUPTPPXXX	CAIXA DE CREDITO AGRICOLA MUTUO DE TORRES VEDRAS,	1
CTTVPTPLXXX	BANCO CTT, S.A.	1
CXBIPTPLXXX	CAIXA BANCO DE INVESTIMENTO, S.A.	1
CYDBCY2NXXX	CYPRUS DEVELOPMENT BANK PUBLIC COMPANY LTD, THE	1
DAAEDED401	DEUTSCHE APOTHEKER- UND AERZTEBANK	1
DABADKKKXXX	DANSKE BANK A/S	1
DABAFIHHXXX	DANSKE BANK A/S, FINLAND BRANCH	1
DABAIE2DXXX	DANSKE BANK A/S	1
DAKOFIHHXXX	DANSKE KIINNITYSLUOTTOPANKKI OYJ	1
DAKVDEFFFTT	CLEARSTREAM BANKING AG	1
DAKVDEFFTSY	CLEARSTREAM BANKING AG	1
DAKVDEFFXXX	CLEARSTREAM BANKING AG	1
DANBDK22XXX	DANSKE ANDELSKASSERS BANK A/S	1
DBFCLULLCUS	CLEARSTREAM FUND CENTRE S.A.	1
DBFCLULLTSY	CLEARSTREAM FUND CENTRE S.A.	1
DEFFDEFFXXX	C24 BANK GMBH	1
DEGRESBBXXX	ANDBANK ESPANA BANCA PRIVADA, S.A.	1
DEGRLLULLXXX	BANQUE DEGROOF PETERCAM LUXEMBOURG S.A.	1
DEGUDEFFXXX	DEGUSSA BANK AG	1
DELBDE33XXX	BETHMANN BANK AG	1
DELUFR22LCH	BANQUE DELUBAC ET CIE	1
DEMIBGSFXXX	D COMMERCE BANK AD	1
DEPDDEM617	VZ VERMOEGENSZENTRUM BANK AG	1
DEUTDEFFXXX	DEUTSCHE BANK AG	1
DGZFDEFFXXX	DEKABANK DEUTSCHE GIROZENTRALE FRANKFURT	1

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DHBNNL2RXXX	DHB BANK N.V.	1
DJURDK22XXX	DJURSLANDS BANK A/S	1
DKNBDKKKXXX	DANMARKS NATIONALBANK	1
DNBADEHXXX	DNB BANK ASA, FILIALE DEUTSCHLAND	1
DNBAFIHXXX	DNB BANK ASA, FILIAL FINLAND	1
DNIBNL2GXXX	NIBC BANK N.V.	1
DOSPAT2DXXX	Dornbirner Sparkasse Bank AG	1
DSTANL2ACCP	DUTCH STATE TREASURY AGENCY	1
DSTANL2AXXX	DUTCH STATE TREASURY AGENCY	1
DUSSEDDXXX	STADTSPARKASSE DUESSELDORF	1
DWPBDEFFXXX	DEUTSCHE WERTPAPIERSERVICE BANK AG	1
DXMAFRPPXXX	CAISSE FRANCAISE DE FINANCEMENT LOCAL	1
EBOSPLPWXXX	BANK OCHRONY SRODOWISKA S.A.	1
EBSGDEMXXX	EUROPEAN BANK FOR FINANCIAL SERVICES AG (EBASE)	1
EBSIIE2DXXX	EBS D.A.C.	1
ECBFDEFFBAC	EUROPEAN CENTRAL BANK	1
ECBFDEFFINF	EUROPEAN CENTRAL BANK	1
ECBFDEFFSSM	EUROPEAN CENTRAL BANK	1
ECMSBEBBCCB	BANQUE NATIONALE DE BELGIQUE	1
ECOCFRPPBDF	EBI SA	1
EEPKLULLDCA	COMMERZBANK FINANCE AND COVERED BOND S.A.	1
EEUHEE2XXXX	AS SEB PANK	1
EEXCDE8LAPX	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN1	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN2	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN3	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN4	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN5	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN7	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN8	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LIN9	EUROPEAN COMMODITY CLEARING AG	1
EEXCDE8LXXX	EUROPEAN COMMODITY CLEARING AG	1
EGNAROBXXXX	VISTA BANK (ROMANIA) S.A.	1

Participants BIC	Participant's company name	Participation type
EHBBAT2EXXX	HYPO-BANK BURGENLAND AG	1
EIEGDEB1XXX	EIS EINLAGENSICHERUNGSBANK GMBH	1
EIHBDE21XXX	EUROPAEISCH-IRANISCHE HANDELSBANK AG	1
EKRDEE22XXX	COOP PANK	1
EMCFNL2ACAP	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2ACLF	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2ACOL	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2AEQD	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2AIOF	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2ASEA	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2ASPR	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
EMCFNL2AXXX	EUROPEAN CENTRAL COUNTERPARTY N.V.	1
ENCHGRAAXXX	ENEX CLEARING HOUSE SINGLE MEMBER S.A.	1
ENIBBEBBXXX	BANQUE ENI S.A.	1
EPBEEE2XXXX	EESTI PANK (BANK OF ESTONIA)	1
ERBKGRAAXXX	EUROBANK S.A.	1
ERSVES22XXX	EUROCAJA RURAL SOCIEDAD COOPERATIVA DE CREDITO	1
ESBCHR22XXX	ERSTE AND STEIERMAERKISCHE BANK D.D.	1
ESBKATWWXXX	DenizBank AG	1
ESBKDEFFXXX	DENIZBANK (WIEN) AG	1
ESCBFRPPBDF	BANQUE WORMSER FRERES / BANQUE D'ESCOMPTE	1
ESESBEBCPE	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESESBEBBIAC	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESESBEBBIAD	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESESBEBBPEN	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESESBEBBSCC	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESESBEBBT2X	CAISSE INTERPROFESSIONNELLE DE DEPOTS ET DE VIREMEN	1
ESEFRPPCBF	EUROCLEAR FRANCE SA	1
ESEFRPPCPE	EUROCLEAR FRANCE SA	1
ESEFRPPFTT	EUROCLEAR FRANCE SA	1
ESEFRPPIBR	EUROCLEAR FRANCE SA	1
ESEFRPPINT	EUROCLEAR FRANCE SA	1
ESEFRPPMTI	EUROCLEAR FRANCE SA	1

Participants BIC	Participant's company name	Participation type
ESEFRPPNBB	EUROCLEAR FRANCE SA	1
ESEFRPPPEN	EUROCLEAR FRANCE SA	1
ESEFRPPT2X	EUROCLEAR FRANCE SA	1
EESNL2ACPE	NEDERLANDS CENTRAAL INSTITUUT VOOR GIRAAL EFFECTE	1
EESNL2APEN	NEDERLANDS CENTRAAL INSTITUUT VOOR GIRAAL EFFECTE	1
EESNL2AT2X	NEDERLANDS CENTRAAL INSTITUUT VOOR GIRAAL EFFECTE	1
ESPBESMMXXX	BANCO DE ESPANA	1
ESSEDEFFXXX	SEB AB (PUBL.) FRANKFURT BRANCH	1
ESSEDKKXXX	SKANDINAVISKA ENSKILDA BANKEN	1
ESSEFIHXXX	SKANDINAVISKA ENSKILDA BANKEN	1
ESSENOKXXX	SKANDINAVISKA ENSKILDA BANKEN AB (PUBL) OSLOFILIALE	1
ESSESESSXXX	SKANDINAVISKA ENSKILDA BANKEN AB	1
ESSIESMMXXX	HAITONG BANK, SA SUCURSAL ESPANA	1
ESSIPTPLXXX	HAITONG BANK, S.A.	1
ETHNGRAAXXX	NATIONAL BANK OF GREECE S.A.	1
EUAATWWXXX	European American Investment Bank AG	1
EUEBLT22XXX	EUROPEAN MERCHANT BANK UAB	1
EURBBE99XXX	EUROPABANK N.V.	1
EUXCDEFFDCO	EUREX CLEARING AG	1
EUXCDEFFXXX	EUREX CLEARING AG	1
EVOBESMMXXX	EVO BANCO S.A.	1
EVSEFIHHXXX	ALISA BANK PLC	1
EWUBLULLXXX	EAST-WEST UNITED BANK S.A.	1
EXPNCZPPXXX	MAX BANKA A.S.	1
EXSKSKBXXXX	EXPORT-IMPORT BANK OF SLOVAK REPUBLIC	1
FAITDE66XXX	BANKHAUS J. FAISST OHG	1
FBHLNL2AXXX	CREDIT EUROPE BANK N.V.	1
FCAAIT2TXXX	CA AUTO BANK S.P.A.	1
FCBKDEFFXXX	FIRST COMMERCIAL BANK, LTD. FRANKFURT BRANCH	1
FCMFMTMTXXX	FCM BANK LIMITED	1
FDBADE3KXXX	FORD BANK, NIEDERLASSUNG DER FCE BANK PLC	1
FDBADE8FXXX	FORD BANK GMBH	1
FDDODEMMXXX	FIDOR BANK AG	1

Participants BIC	Participant's company name	Participation type
FEMUFR21BDF	BANQUE FRANCAISE MUTUALISTE	1
FETALULLTSY	RBC INVESTOR SERVICES BANK S.A.	1
FETALULLXXX	RBC INVESTOR SERVICES BANK S.A.	1
FFBKDEFFXXX	FIL FONDSBANK GMBH	1
FICUITTTXXX	SANTANDER CONSUMER BANK SPA	1
FIMBMTM3XXX	FIMBANK PLC	1
FINVBGSFXXX	FIRST INVESTMENT BANK AD	1
FIOBCZPPXXX	FIO BANKA, A.S.	1
FIOZSKBAXXX	FIO BANKA, A.S., POBOCKA ZAHRANICNEJ BANKY	1
FLGMDE77XXX	BANKHAUS OBOTRITIA GMBH	1
FLORN2ACAC	NEDERLANDSCHE BANK (DE) N.V.	1
FLORN2ACUR	NEDERLANDSCHE BANK (DE) N.V.	1
FLORN2AEUR	NEDERLANDSCHE BANK (DE) N.V.	1
FLORN2AFEB	NEDERLANDSCHE BANK (DE) N.V.	1
FLORN2AFEX	NEDERLANDSCHE BANK (DE) N.V.	1
FLORN2AGFT	NEDERLANDSCHE BANK (DE) N.V.	1
FMBKDEMMXXX	CACEIS BANK, GERMANY BRANCH	1
FNNBROBUXXX	CREDIT EUROPE BANK (ROMANIA) S.A.	1
FNRKLT22XXX	UAB 'FINORA KREDITAS'	1
FODBDE77XXX	FONDSDEPOT BANK GMBH, HOF (SAALE)	1
FURUDEFFXXX	FUTURUM BANK AG	1
FVLBNL22XXX	VAN LANSCHOT KEMPEN N.V	1
GAZPLULLXXX	BANK GPB INTERNATIONAL S.A.	1
GBGCPLPKXXX	VELOBANK S.A.	1
GBWCPLPPXXX	SGB-BANK S.A. (FORMERLY GOSPODARCZY BANK WIELKOPC	1
GEBABEBBXXX	BNP PARIBAS FORTIS (FORTIS BANK SA/NV)	1
GENODE61APP	VOLKSBANK OFFENBURG EG	1
GENODEDDXXX	DZ BANK AG (FORMERLY WGZ BANK AG)	1
GENODEF1BCY	VOLKSBANK IN SCHAUMBURG EG	1
GENODEFFXXX	DZ BANK AG DEUTSCHE ZENTRAL-GENOSSENSCHAFTSBANK	1
GENODES1TUY	VOLKSBANK SCHWARZWALD-DONAU-NECKAR EG	1
GENODES1ULY	VOLKSBANK ULM-BIBERACH EG	1
GENOLULLXXX	DZ PRIVATBANK S.A., LUXEMBOURG	1

Participants BIC	Participant's company name	Participation type
GIBAATWGXXX	Erste Group Bank AG	1
GIBASKBXXXX	SLOVENSKA SPORITELNA, A.S.	1
GILLNL2AXXX	INSINGERGILISSEN, A QUINTET PRIVATE BANK (EUROPE) S.A	1
GKCCBEBBXXX	BELFIUS BANK SA/NV	1
GMGGDE55XXX	OPEL BANK S.A. NIEDERLASSUNG DEUTSCHLAND	1
GOLDDEFAXXX	GOLDMAN SACHS BANK EUROPE SE	1
GOLDFRPPXXX	GOLDMAN SACHS PARIS INC. ET CIE	1
GORESI2XXXX	GORENJSKA BANKA D.D., KRANJ	1
GOSKPLPWXXX	BANK GOSPODARSTWA KRAJOWEGO	1
GPBAFRPPXXX	ORANGE BANK	1
GREBDEHHXXX	GRENKE BANK AG	1
GRFNLT21XXX	GF BANKAS	1
GSCFFR22XXX	SOCIETE GENERALE SCF	1
GSFHFRPPXXX	SOCIETE GENERALE SFH	1
GSILGB2XPAR	GOLDMAN SACHS INTERNATIONAL	1
GSIRDEFFXXX	GOLDMAN SACHS INTERNATIONAL BANK FRANKFURT BRAN	1
GVCBESBBAGE	GVC GAESCO VALORES SV SA	1
GVCBESBBETB	GENERAL DE VALORES Y CAMBIOS S.V. S.A.	1
HAABAT2KXXX	Austrian Anadi Bank AG	1
HAABHR22XXX	ADDIKO BANK D.D.	1
HAABSI22XXX	ADDIKO BANK D.D.	1
HABAEE2XXXX	SWEDBANK AS	1
HABALT22XXX	SWEDBANK AB	1
HABALV22XXX	SWEDBANK AS	1
HANDFIHHXXX	SVENSKA HANDELSBANKEN	1
HANDNL2AXXX	SVENSKA HANDELSBANKEN (PUBL) AB	1
HANDESSXXX	SVENSKA HANDELSBANKEN AB	1
HASPDEHHXXX	HAMBURGER SPARKASSE AG	1
HAUKDEFFXXX	HAUCK AUFHAEUSER LAMPE PRIVATBANK AG	1
HAVLLULLXXX	BANQUE HAVILLAND S.A.	1
HCHANL2AXXX	ICE CLEAR NETHERLANDS B.V.	1
HCHANL2BXXX	ICE CLEAR NETHERLANDS B.V.	1
HCSDGRAAXXX	HELLENIC CENTRAL SECURITIES DEPOSITORY S.A.	1

Participants BIC	Participant's company name	Participation type
HCSEITM2XXX	HYUNDAI CAPITAL BANK EUROPE GMBH	1
HDELSI22XXX	DELAVSKA HRANILNICA D.D. LJUBLJANA	1
HEBACY2NXXX	HELLENIC BANK PUBLIC COMPANY LTD.	1
HELADEFFGC2	LANDESBANK HESSEN-THUERINGEN GIROZENTRALE	1
HELADEFFXXX	LANDESBANK HESSEN-THUERINGEN GIROZENTRALE	1
HELSEFIHHXXX	AKTIA BANK P.L.C.	1
HKVISI22XXX	PRIMORSKA HRANILNICA VIPAVA D.D.	1
HLBPFPPXXX	LA BANQUE POSTALE HOME LOAN SFH	1
HLONSI22XXX	HRANILNICA LON D.D.	1
HPBZHR2XXX	HRVATSKA POSTANSKA BANKA D.D.	1
HSEEAT2KXXX	ADDIKO BANK AG	1
HSHNDEHHXXX	HAMBURG COMMERCIAL BANK AG	1
HSTBDEHHXXX	HANSEATIC BANK GMBH AND CO KG	1
HVBKDEFFXXX	WOORI BANK EUROPE GMBH	1
HYPNATWWXXX	HYPO NOE Landesbank fuer Niederoesterreich und Wien AG	1
HYPTAT22XXX	HYPO TIROL BANK AG	1
HYPVAT2BXXX	Hypo Vorarlberg Bank AG	1
HYVEDEMMXXX	UNICREDIT BANK AG (HYPOVEREINSBANK)	1
IABGBGSFXXX	INTERNATIONAL ASSET BANK AD	1
IBBBDEBBXXX	INVESTITIONSBANK BERLIN	1
IBBNEE21XXX	AS INBANK	1
IBKRIE2DXXX	INTERACTIVE BROKERS IRELAND LIMITED	1
IBLBITRRXXX	IBL BANCA-ISTITUTO BANCARIO DEL LAVORO SPA	1
IBLSPTPP101	INTERBOLSA - S.G.S.L.S.C.V.M., S.A.	1
IBLSPTPP998	INTERBOLSA - S.G.S.L.S.C.V.M., S.A.	1
IBOGGRAAXXX	OPTIMA BANK S.A. (FORMERLY INVESTMENT BANK OF GREE	1
IBRCESMMXXX	SOCIEDAD DE GESTION DE LOS SISTEMAS DE REGISTRO, COI	1
ICBCFRPPXXX	MEGA INTERNATIONAL COMMERCIAL BANK CO. LTD.	1
ICBCNL2AXXX	MEGA INTERNATIONAL COMMERCIAL BANK CO, LTD.	1
ICBKDEFFXXX	INDUSTRIAL AND COMMERCIAL BANK OF CHINA LTD.	1
ICEUGB2LXXX	ICE CLEAR EUROPE LIMITED	1
ICICDEFFCLR	ICICI BANK UK PLC	1
ICICDEFFXXX	ICICI BANK UK PLC	1

Participants BIC	Participant's company name	Participation type
ICRAITRRXXX	ICCREA BANCA - ISTITUTO CENTRALE DEL CREDITO COOPER.	1
ICROESMMXXX	INSTITUTO DE CREDITO OFICIAL	1
IFISIT2VXXX	BANCA IFIS SPA	1
IGCPPTPLXXX	AGENCIA GESTAO DA TESOURARIA E DIV. PUBLICA, IGCP EPI	1
IIGBMTMTXXX	IIG BANK (MALTA) LTD	1
IKBDEDDXXX	IKB DEUTSCHE INDUSTRIEBANK AG	1
ILBXDE8XXX	INVESTITIONSBANK DES LANDES BRANDENBURG	1
IMPAITRRXXX	IMPREBANCA S.P.A.	1
IMXXHR22XXX	IMEX BANKA LTD.	1
INDULT2XXXX	AS CITADELE BANKA LIETUVOS FILIALAS	1
INGBDEFFXXX	ING-DIBA AG (COMMERCIAL BANKING)	1
INGBNL2AXXX	ING BANK N.V.	1
INGDDEFFXXX	ING-DIBA AG (RETAIL BANKING)	1
INNDNL2UEBA	EQUENSWORLDLINE NV	1
INNDNL2UXXX	EQUENSWORLDLINE NV	1
INVLESMMXXX	BANCO INVERSI, S.A.	1
INVOATWWXXX	Kommunalkredit Austria AG	1
IORTBGSFXXX	INVESTBANK JSC	1
IPAYESMMAS1	SOCIEDAD ESPANOLA DE SISTEMAS DE PAGO, S.A.	1
IPBSIE2DXXX	PERMANENT TSB P.L.C.	1
IRCEIE2DAPS	CENTRAL BANK OF IRELAND	1
IRCEIE2DCCB	CENTRAL BANK OF IRELAND	1
IRCEIE2DCUR	CENTRAL BANK OF IRELAND	1
IRCEIE2DEPA	CENTRAL BANK OF IRELAND	1
IRCEIE2DGOV	CENTRAL BANK OF IRELAND	1
IRCEIE2DTOM	CENTRAL BANK OF IRELAND	1
IRCEIE2DXXX	CENTRAL BANK OF IRELAND	1
IRVTDEFXXXX	THE BANK OF NEW YORK MELLON, FRANKFURT BRANCH	1
ISAEFRPPXXX	CACEIS BANK	1
ISBKDEFXXXX	ISBANK AG	1
ISBRDE55XXX	INVESTITIONS- UND STRUKTURBANK RHEINLAND-PFALZ (ISE	1
ISKBHR2XXXX	ISTARSKA KREDITNA BANKA JOINT STOCK COMPANY	1
ITAUPTPPXXX	ITAU BBA EUROPE	1

Participants BIC	Participant's company name	Participation type
ITELFIHXXX	CENTRAL BANK OF SAVINGS BANKS FINLAND PLC	1
IVALEMMXXX	INTERMONEY VALORES S.V., S.A.	1
IVSEPLPXXX	PLUS BANK S.A.	1
IVVSPTPLXXX	BANCO INVEST S.A.	1
JCKULT21XXX	JUNGTINE CENTRINE KREDITO UNIJA	1
JONBCY2IXXX	JORDAN AHLI BANK PLC	1
JTBPCZPPXXX	J AND T BANKA A.S.	1
JTBPDEFFXXX	J AND T BANKA, A.S. BRANCH GERMANY	1
JTBPSKBAXXX	J AND T BANKA, A.S.,POBOCKA ZAHRANICNEJ BANKY	1
JVBABE22XXX	BANK J. VAN BREDA AND CO NV	1
JYBADEHHXXX	JYSKE BANK A/S, HAMBURG BRANCH	1
JYBADKKKXXX	JYSKE BANK A/S	1
KABANL2AXXX	YAPI KREDI BANK NEDERLAND N.V.	1
KALCHR2XXXX	KARLOVACKA BANKA D.D.	1
KBLXLULLXXX	QUINTET PRIVATE BANK (EUROPE) S.A.	1
KBMASI2XXXX	NOVA KREDITNA BANKA MARIBOR D.D.	1
KBSPSKBXXXX	CSOB STAVEBNA SPORITELNA, A.S.	1
KCCPPLPWXXX	KDPW CCP	1
KDDSSI22XXX	CENTRAL SECURITIES CLEARING CORPORATION - KDD	1
KDPWPLPWXXX	KDPW S.A.	1
KENBHR22XXX	KENTBANK D.D.	1
KEYTBEBBADM	KEYTRADE BANK, BELGIAN BRANCH OF ARKEA DIRECT BANK	1
KFWIDEFFXXX	KREDITANSTALT FUR WIEDERAUFBAU	1
KHMIDEMMXXX	MIDDLE EAST BANK, MUNICH BRANCH	1
KLRNSESSXXX	KLARNA BANK	1
KNABNL2HXXX	KNAB	1
KOEXDEFAXXX	KEB HANA BANK (D) AG	1
KOEXNL2AXXX	KEB HANA BANK, AMSTERDAM BRANCH	1
KOMASK2XXXX	PRIMA BANKA SLOVENSKO, A.S.	1
KOMBSKBATGT	KOMERCNI BANKA , A.S., POBOCKA ZAHRANICNEJ BANKY	1
KREDBEBBXXX	KBC BANK NV	1
KREZHR2XXXX	AGRAM BANKA D.D.	1
KRONDK22XXX	SPAREKASSEN KRONJYLLAND	1

Participants BIC	Participant's company name	Participation type
KRSADE55XXX	KREISSPARKASSE SAARLOUIS	1
KSPKSI22XXX	BANKA SPARKASSE D.D.	1
KTAGDEFFXXX	KT BANK AG	1
KUSRLT24XXX	AB MANO BANKAS	1
LABEBEBBXXX	LELEUX ASSOCIATED BROKERS	1
LACBLV2XXXX	BANK OF LATVIA	1
LAPBLV2XXXX	AS LPB BANK	1
LAREDEFFXXX	LANDWIRTSCHAFTLICHE RENTENBANK	1
LAZPFRPPXXX	LAZARD FRERES BANQUE	1
LBSSDE21XXX	LBS BAUSPARKASSE SCHLESWIG- HOLSTEIN-HAMBURG AG	1
LCHLGB2LXXX	LCH LIMITED	1
LCKULT22XXX	LITHUANIAN CENTRAL CREDIT UNION	1
LFFBDEMXXX	LFA FOERDERBANK BAYERN	1
LHVBEE22XXX	AS LHV PANK	1
LIABLT2XXXX	LIETUVOS BANKAS (BANK OF LITHUANIA)	1
LJBASI2XXXX	NOVA LJUBLJANSKA BANKA D.D.	1
LKBWDE6KXXX	LANDESKREDITBANK BADEN-WUERTTEMBERG - FOERDERB/	1
LLBBLV2XXXX	SIGNET BANK AS	1
LOMCITMMXXX	CASSA LOMBARDA S.P.A.	1
LOSADKKKXXX	LAN AND SPAR BANK A/S	1
LOYDDEBBXXX	LLOYDS BANK PLC - NIEDERLASSUNG BERLIN	1
LPLNNL2ALPB	LEASEPLAN CORPORATION N.V.	1
LPLNNL2AXXX	LEASEPLAN CORPORATION N.V.	1
LUBASKBXXX	PRIMA BANKA SLOVENSKO, A.S.	1
LUXCLULLCPN	LUXCSD S.A.	1
LUXCLULLXXX	LUXCSD S.A.	1
MALMTMTGCP	CENTRAL BANK OF MALTA	1
MALMTMTXXX	CENTRAL BANK OF MALTA	1
MANEHUHBXXX	MAGYAR NEMZETI BANK	1
MARBDE6GXXX	BANKHAUS GEBR. MARTIN AKTIENGESELLSCHAFT	1
MARKDEFFXXX	DEUTSCHE BUNDESBANK, ZENTRALE	1
MBWMBEBBXXX	MEDIRECT BANK	1
MBWMMTMT010	MEDIRECT BANK (MALTA) PLC	1

Participants BIC	Participant's company name	Participation type
MBWMMTMTXXX	MEDIRECT BANK (MALTA) PLC	1
MCENITRRXXX	BANCA DEL MEZZOGIORNO - MEDIOCREDITO CENTRALE S.P	1
MDBALT22XXX	UAB MEDICINOS BANKAS	1
MEBEDE6SDCB	MERCEDES-BENZ BANK AG	1
MEDBITMMXXX	BANCA MEDIOLANUM	1
MEFFESBBRRR	BME CLEARING	1
MEFFESBBVVV	BME CLEARING	1
MEFFESBBXXX	BME CLEARING	1
MEGHDE81XXX	MEDISERV BANK GMBH	1
MELIDE21XXX	BANK MELLI IRAN	1
METZDEFFXXX	METZLER B. SEEL. SOHN UND CO. AKTIENGESELLSCHAFT	1
MFCBMTMSXXX	MERKANTI BANK LIMITED	1
MGTCBEBEECL	EUROCLEAR BANK S.A / N.V	1
MHBFDEFFXXX	RAISIN BANK AG	1
MHCBDEDDXXX	MIZUHO BANK, LTD. DUESSELDORF BRANCH	1
MHCBNL2AXXX	MIZUHO BANK EUROPE N.V.	1
MHSBDEHBXXX	SUTOR BANK GMBH	1
MHYPDEMMXXX	MUENCHENER HYPOTHEKENBANK E.G.	1
MIBEDEFFXXX	MISR BANK-EUROPE GMBH	1
MIDLFRPXXX	HSBC BANK PLC	1
MIFINL2GXXX	DUTCH MINISTRY OF FINANCE	1
MINDROBUXXX	BANCA ROMANA DE CREDITE SI INVESTITII S.A.	1
MIROROBUXXX	PROCREDIT BANK S.A.	1
MKBKDE51XXX	MMV BANK GMBH	1
MNBIDE5MXXX	BANK OF AMERICA, N.A. MILITARY BANK	1
MOEYFRPPMON	MY MONEY BANK	1
MONTFRPPXXX	MONTE PASCHI BANQUE S.A.	1
MOTIITMMABN	MONTE TITOLI S.P.A.	1
MOTIITMMCBS	MONTE TITOLI S.P.A.	1
MOTIITMMISS	MONTE TITOLI S.P.A.	1
MOTIITMMPEN	MONTE TITOLI S.P.A.	1
MOTIITMMTAX	MONTE TITOLI S.P.A.	1
MOTIITMMXXX	MONTE TITOLI S.P.A.	1

Participants BIC	Participant's company name	Participation type
MPIOPTPLXXX	CAIXA ECONOMICA MONTEPIO GERAL, CAIXA ECONOMICA	1
MPUBCZPPXXX	TRINITY BANK A.S.	1
MSFFDEFXGCP	MORGAN STANLEY BANK AG	1
MSFFDEFXXXX	MORGAN STANLEY BANK AG	1
MSFRFRCPXXX	MORGAN STANLEY (FRANCE) S.A.	1
MUFIFIHXXXX	MUNICIPALITY FINANCE PLC	1
MULTLV2XXXX	AS INDUSTRA BANK	1
MVOGAT22XXX	Marchfelder Bank eG	1
NABAATWWBUN	OESTERREICHISCHE NATIONALBANK	1
NABAATWWXXX	Oesterreichische Nationalbank	1
NACNESMMXXX	BANCO DE LA NACION ARGENTINA, SUCURSAL MADRID	1
NASBBGSFXXX	BULGARIAN DEVELOPMENT BANK EAD	1
NASSDE55XXX	NASSAUISCHE SPARKASSE	1
NATXDEFFXXX	NATIXIS ZWEIGNIEDERLASSUNG DEUTSCHLAND	1
NATXDEFPXXX	NATIXIS PFANDBRIEFBANK AG	1
NATXESMMXXX	NATIXIS S.A., SUCURSAL EN ESPANA	1
NATXFRPPMAR	NATIXIS	1
NATXFRPPXXX	NATIXIS	1
NATXITMMXXX	NATIXIS (FORMERLY NATEXIS BANQUES POPULAIRES)	1
NBADFRPPBDF	FIRST ABU DHABI BANK PJSC (FORMERLY NATIONAL BANK C	1
NBAGDE3EXXX	NATIONAL-BANK AG	1
NBBEBEBB203	BANQUE NATIONALE DE BELGIQUE	1
NBHRHR2XBAC	HRVATSKA NARODNA BANKA (CROATIAN NATIONAL BANK)	1
NBHRHR2XRMS	HRVATSKA NARODNA BANKA (CROATIAN NATIONAL BANK)	1
NBHRHR2XXXX	HRVATSKA NARODNA BANKA (CROATIAN NATIONAL BANK)	1
NBLXLULLXXX	NOMURA BANK (LUXEMBOURG) S.A.	1
NBORROBUXXX	NATIONAL BANK OF ROMANIA	1
NBPADEFFXXX	NATIONAL BANK OF PAKISTAN, FRANKFURT	1
NBPAFRPPXXX	NATIONAL BANK OF PAKISTAN	1
NBPLPLPWBAN	NARODOWY BANK POLSKI	1
NBPLPLPWCRD	NARODOWY BANK POLSKI	1
NBPLPLPWKIR	NARODOWY BANK POLSKI	1
NBPLPLPWXXX	NARODOWY BANK POLSKI	1

Participants BIC	Participant's company name	Participation type
NBSBSKBXEBA	NARODNA BANKA SLOVENSKA (NATIONAL BANK OF SLOVAKIA)	1
NBSBSKBXTGT	NARODNA BANKA SLOVENSKA (NATIONAL BANK OF SLOVAKIA)	1
NBSBSKBXXXX	NARODNA BANKA SLOVENSKA (NATIONAL BANK OF SLOVAKIA)	1
NDEAFIHHXXX	NORDEA BANK ABP	1
NFMONL2GXXX	NEDERLANDSE FINANCIERINGS-MAATSCHAPPIJ VOOR ONTVANGING	1
NICABEBBXXX	CRELAN SA/NV (FORMERLY CREDIT AGRICOLE SA/LANDBOUCHE)	1
NNBANL2GTRY	NATIONALE-NEDERLANDEN BANK N.V.	1
NNBANL2GXXX	NATIONALE-NEDERLANDEN BANK N.V.	1
NOCUNL2AXXX	NORINCHUKIN BANK EUROPE N.V.	1
NOLADE2HXXX	NORDDEUTSCHE LANDESBANK GIROZENTRALE	1
NOLALULLXXX	NORD/LB LUXEMBOURG S.A. COVERED BOND BANK	1
NOMAFRPPXXX	BANQUE NOMURA FRANCE S.A.	1
NOSCIE2XXXX	SCOTIABANK (IRELAND) DESIGNATED ACTIVITY COMPANY	1
NRWBDEDMXXX	NRW. BANK	1
NTMAIE2DXXX	NATIONAL TREASURY MANAGEMENT AGENCY	1
NTSBDEBBXXX	N26 BANK AG	1
NWABNL2GXXX	NEDERLANDSE WATERSCHAPSBANK N.V.	1
NWBEDEFTXXX	NATWEST BANK EUROPE GMBH	1
NWBKDEF2XXX	NATIONAL WESTMINSTER BANK PLC - NATWEST BANK PLC (UK)	1
NWBKDEFFCAP	NATIONAL WESTMINSTER BANK PLC	1
NYKBDKKKXXX	NYKREDIT BANK A/S	1
OBKLAT2LXXX	Oberbank AG	1
OBKLSKBAXXX	OBERBANK AG	1
OBLAAT2LXXX	Oberoesterreichische Landesbank AG	1
OCSDATWWXXX	OeKB CSD GmbH	1
ODDOFRCPXXX	ODDO ET CIE ENTREPRISE D'INVESTISSEMENT	1
OEKOATWWKMS	OESTERREICHISCHE KONTROLLBANK AG	1
OEKOATWWXXX	Oesterreichische Kontrollbank AG	1
OKOYEE2XXXX	OP CORPORATE BANK PLC ESTONIAN BRANCH	1
OKOYFIHHXXX	OP CORPORATE BANK PLC	1
OKOYLT2XXXX	OP CORPORATE BANK PLC LITHUANIA BRANCH	1
OKOYLV2XXXX	OP CORPORATE BANK PLC LATVIA BRANCH	1
OLBODEH2XXX	OLDENBURGISCHE LANDESBANK AG	1

Participants BIC	Participant's company name	Participation type
OMECSESSCCP	NASDAQ CLEARING AB	1
OMECSESSEXT	NASDAQ CLEARING AB	1
OMICPTPLCLI	OMICLEAR,C.C.,S.A.	1
OMICPTPLXXX	OMICLEAR,C.C.,S.A.	1
OMSAFI2SXXX	OMA SAASTOPANKKI OY	1
OTPVHR2XXXX	OTP BANKA HRVATSKA D.D.	1
OTPVHUHBXXX	OTP BANK PLC.	1
OTPVROBUXXX	OTP BANK ROMANIA S.A.	1
OWHBDEFFXXX	VTB BANK (EUROPE) SE	1
OYAKDE5KXXX	OYAK ANKER BANK GMBH	1
PABAAT2LXXX	PARTNER BANK AG	1
PARBFRPPXXX	BNP PARIBAS SECURITIES SERVICES, FRANCE	1
PARXLV22XXX	JSC CITADELE BANKA	1
PASBITGGXXX	BANCA PASSADORE E C.	1
PASCITMMXXX	BANCA MONTE DEI PASCHI DI SIENA S.P.A.	1
PAZGHR2XXXX	PARTNER BANKA D.D. ZAGREB	1
PBZGHR2XXXX	PRIVREDNA BANKA ZAGREB D.D.	1
PCBCDEFFXXX	CHINA CONSTRUCTION BANK	1
PCBCLULLXXX	CHINA CONSTRUCTION BANK (EUROPE) S.A.	1
PCBCLULXXXX	CHINA CONSTRUCTION BANK CORPORATION LUXEMBOURG	1
PDKCHR2XXXX	PODRAVSKA BANKA D.D.	1
PEGMDEHHXXX	PEAC (GERMANY) GMBH	1
PICTLULXGVA	BANK PICTET AND CIE (EUROPE) AG SUCCURSALE DE LUXEM	1
PICTLULXXXX	BANK PICTET AND CIE (EUROPE) AG SUCCURSALE DE LUXEM	1
PIRBCY2NXXX	ASTROBANK PUBLIC COMPANY LIMITED	1
PIRBGRAAXXX	PIRAEUS BANK SA	1
PIRBROBUXXX	FIRST BANK	1
PKOPPLPWXXX	BANK POLSKA KASA OPIEKI SA - BANK PEKAO SA	1
PMBPCZPPXXX	PPF BANKA A.S.	1
POBNSKBAXXX	365.BANK, A. S.	1
POCZPLP4XXX	POCZTOWY BANK SA	1
POLUPLPRXXX	BANK POLSKIEJ SPOLDZIELCZOSCI SPOLKA AKCYJNA	1
POPFFI22XXX	BONUM BANK PLC	1

Participants BIC	Participant's company name	Participation type
POPLESMMXXX	WIZINK BANK S.A.U.	1
POPRI3RXXX	BANCA AGRICOLA POPOLARE DI RAGUSA	1
POSOIT22XXX	BANCA POPOLARE DI SONDRIO	1
PPLXLULLXXX	PAYPAL EUROPE, S.A R.L ET CIE, S.C.A.	1
PRCBBGSFXXX	PROCREDIT BANK (BULGARIA) EAD	1
PRCBDEFFXXX	PROCREDIT BANK AG	1
PRCBGRAAXXX	PROCREDIT BANK (BULGARIA) EAD THESSALONIKI BRANCH	1
PRIBLULLGVA	EDMOND DE ROTHSCHILD (EUROPE)	1
PRIBLULLXXX	EDMOND DE ROTHSCHILD (EUROPE)	1
PRIVFRPPXXX	MILLEIS BANQUE	1
PROAESMMXXX	EBN BANCO DE NEGOCIOS,S.A.(EBN BANCO)	1
PRVASKBAXXX	PRVA STAVEBNA SPORITELNA, A.S.	1
PRXBGRAAXXX	VIVABANK SINGLE MEMBER BANKING S.A.	1
PSITITMMXXX	BANCA PSA ITALIA SPA	1
PSSAATWWB2B	PSA Payment Services Austria GmbH	1
PSSAATWWCOR	PSA Payment Services Austria GmbH	1
PSSAATWWKOP	PSA Payment Services Austria GmbH	1
PSSAATWWSC	PSA Payment Services Austria GmbH	1
PSSAATWWXXX	PSA PAYMENT SERVICES AUSTRIA GMBH	1
PSSTFRPPXXX	LA BANQUE POSTALE	1
QUBADE71XXX	BSQ BAUSPAR AG	1
QUBKDEBBXXX	QUIRIN PRIVATBANK AG	1
RABONL2UXXX	RABOBANK	1
RAISDEFFXXX	RAISIN BANK AG	1
RBOSDEF2XXX	NATIONAL WESTMINSTER BANK PLC - NATWEST BANK PLC (1
RBOSDEFFXXX	NATWEST MARKETS PLC (NIEDERLASSUNG FRANKFURT)	1
RBOSNLNVXXX	NATWEST MARKETS N.V.	1
RCINFRPPXXX	RCIBANQUE S.A.	1
RDDKDKKKXXX	REALKREDIT DANMARK	1
REBMDE7CXXX	DEUTSCHE PFANDBRIEFBANK AG COVERPOOL	1
REBMDEMM555	DEUTSCHE PFANDBRIEFBANK AG	1
REBMDEMMXXX	DEUTSCHE PFANDBRIEFBANK AG	1
RENBESMMXXX	RENTA 4 BANCO, S.A.	1

Participants BIC	Participant's company name	Participation type
RIBRLV22XXX	REGIONALA INVESTICIJU BANKA	1
RIKOE22XXX	LUMINOR BANK AS, ESTONIA (FORMER AS DNB PANK)	1
RIKOLV2XXXX	LUMINOR BANK AS LATVIAN BRANCH	1
RINGDK22XXX	RINGKJOBING LANDBOBANK A/S	1
RLBBAT2EXXX	Raiffeisenlandesbank Burgenland und Revisionsverband eG	1
RLNWATWWXXX	RAIFFEISENLANDESBANK NIEDEROESTERREICH-WIEN AG	1
ROINROBUXXX	IDEA BANK SA	1
ROYCFRPBTGT	ROYAL BANK OF CANADA, PARIS BRANCH	1
RRBALULLXXX	RIVERBANK S.A.	1
RTMBLV2XXXX	RIETUMU BANKA	1
RVSAAT2SXXX	Raiffeisenverband Salzburg eGen	1
RVUALT2VXXX	REVOLUT BANK UAB	1
RVVGAT2BXXX	Raiffeisen Landesbank Vorarlberg mit Revisionsverband eG	1
RZBAATWWXXX	Raiffeisen Bank International AG	1
RZBBBGSFXXX	UNITED BULGARIAN BANK AD (FORMER KBC BANK BULGARI	1
RZBCCZPPXXX	RAIFFEISENBANK A.S.	1
RZBHHR2XXXX	RAIFFEISENBANK AUSTRIA D.D. ZAGREB	1
RZBRROBUXXX	RAIFFEISEN BANK S.A.	1
RZKTAT2KXXX	Raiffeisenlandesbank Kaernten - Rechenzentrum und Revisi	1
RZOOAT2LXXX	Raiffeisenlandesbank Oberoesterreich AG	1
RZSBIT2BXXX	RAIFFEISEN LANDESBANK SUEDTIROL AG	1
RZSTAT2GXXX	RAIFFEISEN-LANDESBANK STEIERMARK AG	1
RZTIAT22XXX	Raiffeisen-Landesbank Tirol AG	1
SABDDE88XXX	SAECHSISCHE AUFBAUBANK FOERDERBANK	1
SAKSDE55XXX	SPARKASSE SAARBRUECKEN	1
SALADE55XXX	LANDESBANK SAAR	1
SAXODKKKXXX	SAXO BANK A/S	1
SBAAFRPPXXX	BANQUE SBA	1
SBANFIHHXXX	S-BANK PLC	1
SBBWDESTXXX	SPARDA-BANK BADEN-WUERTEMBERG	1
SBINDEFFXXX	STATE BANK OF INDIA	1
SBMTMTMTXXX	SPARKASSE BANK MALTA PLC	1
SBOSDEMXTGT	STATE STREET BANK INTERNATIONAL GMBH	1

Participants BIC	Participant's company name	Participation type
SBREDE22XXX	SPARKASSE BREMEN AG, DIE	1
SBSLHR2XXXX	SLATINSKA BANKA DD	1
SCABDEMMXXX	SCALABLE CAPITAL GMBH	1
SCBLDEFXXXX	STANDARD CHARTERED BANK AG	1
SCFBDE33XXX	SANTANDER CONSUMER BANK AG	1
SCHOATWWXXX	SCHOELLERBANK AG	1
SCRUDE51XXX	SERVICE CREDIT UNION	1
SDAHR22XXX	SREDISNJE KLIRINSKO DEPOZITARNO DRUSTVO D.D.	1
SECGDEFFXXX	SECB SWISS EURO CLEARING BANK GMBH	1
SELBIT22XXX	BANCA SELLA HOLDING SPA	1
SEPBDE21XXX	BANK SEPAH-IRAN, FILIALE FRANKFURT	1
SFILFRPPXXX	SFIL	1
SGABLULLXXX	SOCIETE GENERALE LUXEMBOURG	1
SHBKDEFFXXX	SHINHAN BANK EUROPE GMBH	1
SHMSFIH1XXX	SUOMEN HYPOTEEKKIYHDISTYS (MORTGAGE SOCIETY OF FI	1
SIBADEMMXXX	SIEMENS BANK GMBH	1
SIBSDEHHXXX	SIGNAL IDUNA BAUSPAR AG	1
SIDRSI22XXX	SID-SLOVENSKA IZVOZNA IN RAZVOJNA BANKA, D.D., LJUBL	1
SIHRDEH1FFM	BANK SADERAT IRAN HAMBURG BRANCH	1
SIHRDEH1HAM	BANK SADERAT IRAN HAMBURG BRANCH	1
SKBASI2XXXX	SKB D.D	1
SKJBDK22XXX	SKJERN BANK	1
SKOVHR22XXX	BANKA KOVANICA D.D.	1
SLTPISREXXX	TEYA ICELAND HF.	1
SLZBSKBAXXX	SLOVENSKA ZARUCNA A ROZVOJOVA BANKA, A.S.	1
SMBCBEBBGE	SUMITOMO MITSUI BANKING CORPORATION	1
SMBCDEDDXXX	SUMITOMO MITSUI BANKING CORPORATION	1
SMBCDEFFXXX	SMBC BANK EU AG	1
SMBCFRPPGEB	SMBC BANK INTERNATIONAL PLC, PARIS BRANCH	1
SMBRHR22XXX	SAMOBORSKA BANKA D.D.	1
SMHBDEFFXXX	UBS EUROPE SE	1
SNSBNL2AXXX	DE VOLKSBANK N.V.	1
SOBKDEBBXXX	SOLARISBANK AG	1

Participants BIC	Participant's company name	Participation type
SOGECY2NXXX	SOCIETE GENERALE CYPRUS LIMITED	1
SOGEFRPPXXX	Societe Generale	1
SOLADESTXXX	LANDESBANK BADEN-WUERTEMBERG	1
SOMBBGSFXXX	MUNICIPAL BANK AD	1
SORMFR2NXXX	SOCRAM BANQUE	1
SPAAT2SXXX	Bankhaus Carl Spaengler and Co. AG	1
SPBAATWWXXX	BANK99 AG	1
SPBKDE77XXX	SPARDA-BANK OSTBAYERN EG	1
SPBKDE7AXXX	SPARDA-BANK AUGSBURG EG	1
SPBKDEFFXXX	SPARDA-BANK HESSEN EG	1
SPBKDEMMXXX	SPARDA-BANK MUENCHEN EG	1
SPESDE3EXXX	SPARKASSE ESSEN	1
SPFBIHH1A2	SUOMEN PANKKI - FINLANDS BANK	1
SPFBIHHXXX	SUOMEN PANKKI - FINLANDS BANK	1
SPNODK22XXX	SPAR NORD BANK A/S	1
SPSRKBAXXX	STATNA POKLADNICA	1
STIOGR2IXXX	COOPERATIVE BANK OF EPIRUS LLC	1
STKAGRAXXXX	COOPERATIVE BANK OF KARDITSA COOP L.L.	1
STPGGRAAXXX	PANCRETA BANK S.A.	1
STSABGSFXXX	DSK BANK (FORMERLY STATE SAVINGS BANK)	1
STSPAT2GXXX	Steiermaerkische Bank und Sparkassen AG	1
STTKGR22XXX	COOPERATIVE BANK OF THESSALY LL	1
STXAGRA2XXX	COOPERATIVE BANK OF CHANIA	1
SUBASKBXXXX	VSEOBECNA UVEROVA BANKA A.S.	1
SUFGDE51XXX	SUED-WEST-KREDITBANK FINANZIERUNG GMBH	1
SWBSDESSXXX	SUEDWESTBANK - BAWAG AG NIEDERLASSUNG DEUTSCHLA	1
SWEDFIHHXXX	SWEDBANK AB	1
SWESDK22XXX	SPAREKASSEN SJAELLAND	1
SWILFRPPBDF	SWISSLIFE BANQUE PRIVEE	1
SXFELULLXXX	STONEX FINANCIAL EUROPE S.A.	1
SYBKDE22XXX	SYDBANK A/S	1
SYBKDK22XXX	SYDBANK A/S	1
SZKBSI2XXXX	DEZELNA BANKA SLOVENIJE D.D.	1

Participants BIC	Participant's company name	Participation type
TABUEE22XXX	AS TBB PANK	1
TATRSKBXXXX	TATRA BANKA A.S.	1
TBIBBGSFXXX	TBI BANK EAD	1
TBIBROBUXXX	TBI BANK EAD SOFIA BUCHAREST BRANCH	1
TCZBBGSFXXX	T.C. ZIRAAT BANKASI - SOFIA BRANCH	1
TCZBDEFFXXX	ZIRAAT BANK INTERNATIONAL AG	1
TCZBGRATXXX	T.C. ZIRAAT BANKASI ATHENS CENTRAL BRANCH	1
TDOMIE2DXXX	TD GLOBAL FINANCE UNLIMITED COMPANY	1
TEAMDE77XXX	TEAMBANK AG	1
TEXIBGSFXXX	TEXIM BANK AD	1
TOBADE33XXX	TOYOTA KREDITBANK GMBH	1
TOTAPTPLXXX	BANCO SANTANDER TOTTA, SA	1
TRDADEBBDIR	TRADEGATE AG WERTPAPIERHANDELSBANK	1
TRDADEBBXXX	TRADEGATE AG WERTPAPIERHANDELSBANK	1
TRELLV22XXX	TREASURY OF THE REPUBLIC OF LATVIA, THE	1
TRFDROBSNT	TRANSFOND S.A.	1
TRIONL2BXXX	TRIODOS BANK N.V.	1
TRIONL2UXXX	TRIODOS BANK N.V.	1
TRUFDE66XXX	TRUMPF FINANCIAL SERVICES GMBH	1
TUBDDEDDXXX	HSBC CONTINENTAL EUROPE S.A., GERMANY	1
TVBAATWWXXX	VakifBank International AG	1
TWOSITMMIST	SGSS SPA	1
TWOSITMMXXX	SGSS SPA	1
UBSWDEFFXXX	UBS EUROPE SE	1
UCJAES2MXXX	UNICAJA BANCO, S.A.	1
UGBINL2AXXX	GARANTIBANK INTERNATIONAL N.V.	1
ULSBIE2DXXX	ULSTER BANK IRELAND DAC	1
UMWEDE7NXXX	UMWELTBANK AG	1
UNCRBGSFXXX	UNICREDIT BULBANK AD	1
UNCRITMMXXX	UNICREDIT S.P.A.	1
UNCRSKBXXXX	UNICREDIT BANK CZ AND SK, SK BRANCH	1
UNIYCZPPXXX	CENTRALNI DEPOZITAR CENNYCH PAPIRU, A.S.	1
UNLALV2XXXX	SEB BANKA	1

Participants BIC	Participant's company name	Participation type
USBKIE2DXXX	ELAVON FINANCIAL SERVICES DAC	1
USDFLT22XXX	UAB SME BANK	1
VALLMTMTXXX	BANK OF VALLETTA P.L.C.	1
VAPEBE22XXX	VAN DE PUT AND CO PRIVATE BANKERS	1
VBANDEMMPML	V-BANK AG	1
VBCRHR22XXX	HRVATSKA POSTANSKA BANKA D.D. (FORMERLY NOVA HRV.	1
VBDODE33XXX	DORTMUNDER VOLKSBANK EG	1
VBMHDE5FXXX	VOLKSBANK MITTELHESSEN EG	1
VBOEATWWXXX	VOLKSBANK WIEN AG	1
VBVZHR22XXX	J AND T BANKA D.D.	1
VEHODK22XXX	VESTJYSK BANK	1
VGAGDEHHXXX	VARENGOLD BANK AG	1
VKBLAT2LXXX	Volkskreditbank AG	1
VKSKFIHHXXX	STATE TREASURY	1
VOCBMTMTXXX	NOVUM BANK LTD	1
VOWADE2BXXX	VOLKSWAGEN BANK GMBH	1
VPDKDKKKLUX	VP SECURITIES A/S	1
WBKPLPPXXX	SANTANDER BANK POLSKA S.A. (FORMERLY BANK ZACHODNI	1
WBWCDEHHXXX	M.M.WARBURG U. CO (AG U. CO.) KGAA	1
WEGBDE77XXX	TEN31 BANK AG	1
WERHDEDSXXX	BANKHAUS WERHAHN GMBH	1
WFSEFRPPXXX	WELLS FARGO SECURITIES EUROPE S.A.	1
WINSATWNXXX	Wiener Neustaedter Sparkasse	1
WIPBATWWXXX	Wiener Privatbank SE	1
WISMATWWXXX	Bank Winter and Co. AG	1
WUIBATWWXXX	Western Union International Bank GmbH	1
WUSTSKBAXXX	WUSTENROT STAVEBNA SPORITELNA, A.S.	1
WWBADE3AXXX	ABC BANK GMBH	1
WZNKPTPLXXX	WIZINK BANK S.A.U. SUCURSAL EM PORTUGAL	1
XCYSCY2NXXX	CYPRUS STOCK EXCHANGE	1
XMALMTMTXXX	MALTA STOCK EXCHANGE	1
ZABHR2XXXX	ZAGREBACKA BANKA DD	1