

CODE	NAME	COUNTRY
21XX	21X	Germany
24EX	24 EXCHANGE	Bermuda
3579	SSY FUTURES LTD - FREIGHT SCREEN	United Kingdom
360T	360T	Germany
360X	360X	Germany
4AXE	4 AFRICA EXCHANGE (PTY) LTD	South Africa
A2XX	A2X	South Africa
AACA	CREDIT AGRICOLE CIB	France
AAPA	ATHENS EXCHANGE - APA	Greece
AATS	ASSENT ATS	United States
ABAN	ABANCA	Spain
ABFI	ALPHA BANK	Greece
ABNA	ABN AMRO BANK NV	Netherlands
ABNC	ABN AMRO CLEARING BANK	Netherlands
ABSI	ALM. BRAND BANK	Denmark
ABUL	BULGARIAN STOCK EXCHANGE - ALTERNATIVE MARKET	Bulgaria
ABXX	VENOMEX LIMITED (EX. YOSHI MARKETS)	United Arab Emirates
ACCX	ACCX	United Kingdom
ACEX	ACE DERIVATIVES AND COMMODITY EXCHANGE LTD	India
ACKF	KCG ACKNOWLEDGE FI	United States
ACXC	ACX CLEARING CORPORATION LTD.	United Arab Emirates
ACXL	ACX	United Arab Emirates
ADRK	ALPHA DRK	Canada
ADVT	ADVISE TECHNOLOGIES - APA TRANSPARENCY REPORTING	United States
AFDL	ABIDE FINANCIAL DRSP LIMITED APA	United Kingdom
AFET	AGRICULTURAL FUTURES EXCHANGE OF THAILAND	Thailand
AFEX	AFRINEX LIMITED	Mauritius
AFSA	AFS - OTF	Netherlands
AFSE	AFS E-VENUES B.V.	Netherlands
AFSI	AFS - OTF - INTEREST RATE DERIVATIVES	Netherlands
AFSL	AFS - OTF - STRUCTURED PRODUCTS	Netherlands
AFSO	AFS - OTF - BONDS	Netherlands
AFSX	AFS - OTF - FX FORWARDS	Netherlands
AFTS	ACCESS FINTECH	United Kingdom
AGBP	A AND G BANCA PRIVADA SAU	Spain
AILT	ARRACO IRELAND LTD	Ireland
AIMX	LONDON STOCK EXCHANGE - AIM MTF	United Kingdom
AIXE	AIXECUTE	Switzerland
AIXK	ASTANA INTERNATIONAL EXCHANGE LTD	Kazakhstan
AKIS	AKIS - BANCO BPM	Italy
ALDP	NYSE ALTERNEXT DARK	United States
ALGO	BLOX	United Kingdom
ALLT	ALLT - OTF	Spain
ALPX	ALPHAX US	United States
ALSI	AKTIESELSKABET ARBEJDERNES LANDBANK	Denmark
ALTX	JSE ALTERNATE EXCHANGE	South Africa
ALXA	EURONEXT - ALTERNEXT AMSTERDAM	Netherlands
ALXB	EURONEXT GROWTH BRUSSELS	Belgium
ALXL	EURONEXT GROWTH LISBON	Portugal
ALXP	EURONEXT GROWTH PARIS	France
AMLG	AMERICAN LEDGER ATS	United States
AMNL	AMMAN STOCK EXCHANGE - NON-LISTED SECURITIES MARKE	Jordan

CODE	NAME	COUNTRY
AMPX	ASSET MATCH PRIVATE EXCHANGE	United Kingdom
AMTS	MTS NETHERLANDS	United Kingdom
AMXO	NYSE AMEX OPTIONS	United States
ANLP	AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED	United Kingdom
ANTS	ABBEY NATIONAL TREASURY SERVICES PLC	United Kingdom
ANZL	AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED -	United Kingdom
APAW	WIENER BOERSE AG - APA	Austria
APCL	ASIA PACIFIC CLEAR	Singapore
APEX	ASIA PACIFIC EXCHANGE	Singapore
APXL	SYDNEY STOCK EXCHANGE LIMITED	Australia
AQEA	AQUIS EXCHANGE EUROPE AUCTION ON DEMAND (AOD)	France
AQED	AQUIS EXCHANGE EUROPE NON DISPLAY ORDER BOOK (NDOB)	France
AQEU	AQUIS EXCHANGE EUROPE	France
AQSD	AQSE MAIN MARKET (NON-EQUITY)	United Kingdom
AQSE	AQUIS STOCK EXCHANGE	United Kingdom
AQSF	AQSE GROWTH MARKET (NON-EQUITY)	United Kingdom
AQSG	AQSE GROWTH MARKET (EQUITY)	United Kingdom
AQSL	AQSE MAIN MARKET (EQUITY)	United Kingdom
AQSN	AQSE TRADING (NON-EQUITY)	United Kingdom
AQST	AQSE TRADING (EQUITY)	United Kingdom
AQUA	AQUA EQUITIES L.P.	United States
AQXA	AQUIS EXCHANGE PLC AUCTION ON DEMAND (AOD)	United Kingdom
AQXD	AQUIS EXCHANGE PLC AMP NON DISPLAY ORDER BOOK	United Kingdom
AQXE	AQUIS EXCHANGE PLC	United Kingdom
ARAX	ARRACO GLOBAL MARKETS LTD	United Kingdom
ARCD	ARCA DARK	United States
ARCH	ARCHAX	United Kingdom
ARCO	NYSE ARCA OPTIONS	United States
ARCX	NYSE ARCA	United States
ARDA	ARCHAX - DIGITAL ASSETS	United Kingdom
AREX	AREX - AUTOMATED RECEIVABLES EXCHANGE	Ireland
ARIA	ARIAN TRADING FACILITY	United Kingdom
ARKX	ARKONIS	United States
ARTX	ARTEX GLOBAL MARKETS AG	Liechtenstein
ASEF	AEGIS SWAP EXECUTION FACILITY	United States
ASEX	ATHENS STOCK EXCHANGE	Greece
ASMT	INTELLIGENTCROSS ASPEN MAKER/TAKER	United States
ASPI	INTELLIGENTCROSS ASPEN INVERTED	United States
ASPN	INTELLIGENTCROSS ASPEN INTELLIGENT BID/OFFER	United States
ASTR	CLEARCORP DEALING SYSTEMS INDIA LIMITED - ASTROID	India
ASXB	ASX BOOKBUILD	Australia
ASXC	ASX - CENTRE POINT	Australia
ASXP	ASX - PUREMATCH	Australia
ASXT	ASX TRADEMATCH	Australia
ASXV	ASX - VOLUMEMATCH	Australia
ATAD	ATADEL FUNDS	Czech Republic
ATDF	AUTOMATED TRADING DESK FINANCIAL SERVICES, LLC	United States
ATFX	ATFUND MTF	Italy
ATHL	ATHLOS CAPITAL INVESTMENT SERVICES LTD	Cyprus
ATLB	BRAEMAR SECURITIES LTD	United Kingdom
ATLN	ATONLINE LIMITED	Cyprus
ATSA	ALPHA VENTURE PLUS	Canada

CODE	NAME	COUNTRY
AURB	AUREL	France
AURO	AUREL - OTF	France
AUTB	AUTILLA - BASE METALS	United Kingdom
AUTO	AUTOBAHN FX	Germany
AUTP	AUTILLA - PRECIOUS METALS	United Kingdom
AUTX	AUTILLA	United Kingdom
AWBX	AUSTRALIAN WHEAT BOARD	Australia
AWEX	AUSTRALIAN WOOL EXCHANGE	Australia
AXSI	ALEXANDRIA PANKKIIRILIIKE OYJ	Finland
BAAD	BAADER BANK	Germany
BACE	BOLSA DE CEREALES DE BUENOS AIRES	Argentina
BACR	BANK OF AMERICA SECURITIES - CENTRAL RISK	Hong Kong
BAEP	BANK OF AMERICA MERRILL LYNCH EQUITY SWAP - EXTERN	Hong Kong
BAIK	BAIKAL	United Kingdom
BAIP	BANK OF AMERICA MERRILL LYNCH EQUITY SWAP - INTERN	Hong Kong
BAJD	BANK OF AMERICA MERRILL LYNCH - JAPAN INSTINCT X	Japan
BAJM	BARBADOS STOCK EXCHANGE - JUNIOR MARKET	Barbados
BALT	THE BALTIC EXCHANGE	United Kingdom
BAML	BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS	United States
BAMP	MERR POOL XLN	United States
BAMX	BANK OF AMERICA - MERRILL LYNCH GCX	United States
BANA	BANK OF AMERICA, NATIONAL ASSOCIATION	United Kingdom
BAPA	BLOOMBERG - APA	United Kingdom
BAPE	BLOOMBERG DATA REPORTING SERVICES B.V. - APA	Netherlands
BAPX	BALTPOOL	Lithuania
BARD	BARCLAYS FX - TRADING	United States
BARK	CBOE EUROPE - REGULATED MARKET DARK BOOK	United Kingdom
BARL	BARCLAYS LIQUID MARKETS	United States
BARO	CBOE EUROPE - REGULATED MARKET OFF BOOK	United Kingdom
BART	CBOE EUROPE - REGULATED MARKET INTEGRATED BOOK	United Kingdom
BARU	CBOE EUROPE - REGULATED MARKET DARK BOOK (NL)	Netherlands
BARX	BARCLAYS ATS	United States
BASE	BANK OF AMERICA MERRILL LYNCH - SWAP EXECUTIONS	Hong Kong
BASI	BANK OF AMERICA, NATIONAL ASSOCIATION - LONDON BRA	United Kingdom
BASP	BANK OF AMERICA SECURITIES EQUITY SWAP - SYNTHETIC	Hong Kong
BASX	BANK OF AMERICA MERRILL LYNCH - SIMPLEX BLAST X	Japan
BATD	CBOE EUROPE - BXE DARK ORDER BOOK	United Kingdom
BATE	CBOE EUROPE - BXE ORDER BOOKS	United Kingdom
BATF	CBOE EUROPE - BXE OFF-BOOK	United Kingdom
BATO	CBOE BZX OPTIONS EXCHANGE	United States
BATP	CBOE EUROPE - BXE PERIODIC	United Kingdom
BATS	CBOE BZX U.S. EQUITIES EXCHANGE	United States
BATY	CBOE BYX U.S. EQUITIES EXCHANGE	United States
BBIE	BARCLAYS BANK IRELAND PLC	Ireland
BBIS	BARCLAYS BANK IRELAND PLC - SYSTEMATIC INTERNALISE	Ireland
BBLX	BONDBLOX EXCHANGE	Singapore
BBOK	BARCLAYS SINGLE DEALER PLATFORM	United States
BBSF	BLOOMBERG SEF LLC	United States
BBSI	BARCLAYS BANK PLC - SYSTEMATIC INTERNALISER	United Kingdom
BBSN	BLOOMBERG SEF LLC - SECURITY-BASED SWAP EXECUTION	United States
BBSX	BB SECURITIES LTD	United Kingdom
BBVA	BANCO BILBAO VIZCAYA ARGENTARIA S.A	Spain

CODE	NAME	COUNTRY
BBVX	BANCO BILBAO VIZCAYA ARGENTARIA S.A. - UK	United Kingdom
BCDX	BARCLAYS DIRECT EX ATS	United States
BCEE	BANQUE ET CAISSE D'EPARGNE DE L'ETAT, LUXEMBOURG -	Luxembourg
BCFS	BOLSA DE COMERCIO DE SANTA FE	Argentina
BCMA	BANCA MARCH S.A.	Spain
BCMM	BOLSA DE CEREAIS E MERCADORIAS DE MARING	Brazil
BCRM	CBOE EUROPE REGULATED MARKETS	United Kingdom
BCSC	BROKERCREDITSERVICE (CYPRUS) LIMITED	Cyprus
BCSE	BELARUS CURRENCY AND STOCK EXCHANGE	Belarus
BCSI	BARCLAYS CAPITAL SECURITIES LIMITED - SYSTEMATIC I	United Kingdom
BCSL	BARCLAYS CAPITAL SECURITIES LIMITED	United Kingdom
BCXE	CBOE EUROPE EQUITIES	United Kingdom
BDEA	BAYERNLB - IDEAL FX	Germany
BDPL	BANQUE DEGROOF PETERCAM LUXEMBOURG S.A.	Luxembourg
BDSK	DSK BANK EAD	Bulgaria
BEAM	MTS ASSOCIATED MARKETS	Belgium
BEBG	BULGARIAN ENERGY TRADING PLATFORM	Bulgaria
BEEY	BOND ELECTRONIC EXCHANGE	Thailand
BEIS	BANCA ETICA	Italy
BELB	BELFIUS BANK NV/SA	Belgium
BELF	BELFIUS BANK NV/SA FIXED INCOME	Belgium
BERA	BOERSE BERLIN - REGULIERTER MARKT	Germany
BERB	BOERSE BERLIN - FREIVERKEHR	Germany
BERC	BOERSE BERLIN - BERLIN SECOND REGULATED MARKET	Germany
BETA	BETA MARKET	Hungary
BETP	BLOOMBERG TRADEBOOK JAPAN LIMITED	Japan
BETX	BET OTC BILAT COMMODITY DERIVATIVES	United Kingdom
BEUD	CBOE EUROPE - BXE DARK ORDER BOOK (NL)	Netherlands
BEUE	CBOE EUROPE - BXE ORDER BOOKS (NL)	Netherlands
BEUF	CBOE EUROPE - BXE OFF-BOOK (NL)	Netherlands
BEUO	CBOE EUROPE - REGULATED MARKET OFF BOOK (NL)	Netherlands
BEUP	CBOE EUROPE - DXE PERIODIC (NL)	Netherlands
BEUT	CBOE EUROPE - REGULATED MARKET INTEGRATED BOOK (NL)	Netherlands
BFEX	BAHRAIN FINANCIAL EXCHANGE	Bahrain
BFPT	BANCO FINANTIA S.A.	Portugal
BGCA	BGC PARTNERS (AUSTRALIA) PTY LTD	Australia
BGCB	BGC BROKERS LP - TRAYPORT	United Kingdom
BGCD	BGC DERIVATIVE MARKETS L.P.	United States
BGCF	BGC FINANCIAL INC	United States
BGCI	BGC BROKERS LP	United Kingdom
BGCJ	BGC SHOKEN KAISHA LTD à ETP	Japan
BGCM	BGC BROKERS LP - MTF	United Kingdom
BGCO	BGC BROKERS LP - OTF	United Kingdom
BGEM	BORSA ITALIANA GLOBAL EQUITY MARKET	Italy
BGFI	BERENBERG FIXED INCOME	Germany
BGFU	BERENBERG FIXED INCOME UK	United Kingdom
BGFX	BERENBERG FX	Germany
BGHX	BALKAN GAS HUB EAD	Bulgaria
BGLU	BGL BNP PARIBAS	Luxembourg
BGSG	BGC PARTNERS SINGAPORE RMO	Singapore
BGSI	BERENBERG	Germany
BGUK	BERENBERG UK	United Kingdom

CODE	NAME	COUNTRY
BHSF	CBOE SEF, LLC	United States
BHWA	BANK HANDLOWY W WARSZAWIE S.A.	Poland
BIDS	BIDS TRADING L.P.	United States
BILU	BANQUE INTERNATIONALE A LUXEMBOURG S.A.	Luxembourg
BINV	BOND INVEST	Germany
BISI	GOLDMAN SACHS INTERNATIONAL BANK - SYSTEMATIC INTE	United Kingdom
BIVA	BOLSA INSTITUCIONAL DE VALORES	Mexico
BJSE	BEIJING STOCK EXCHANGE	China
BKBF	BNY MELLON S.A./N.V. - BRUSSELS BRANCH - SYSTEMATI	Belgium
BKBR	BNY MELLON S.A./N.V. - BRUSSELS BRANCH	Belgium
BKDM	BNY MELLON MARKETS EUROPE LIMITED	Ireland
BKKT	BAKKT	United States
BKLF	THE BANK OF NEW YORK MELLON	United Kingdom
BKLN	THE BANK OF NEW YORK MELLON - LONDON BRANCH	United Kingdom
BKSK	BKS BANK AG	Austria
BLBB	BAYERNLB	Germany
BLBF	BANJA LUKA STOCK EXCHANGE - FREE MARKET	Bosnia and Herzegovina
BLBS	BAYERNLB - BONDS MARKET	Germany
BLEQ	BAYERNLB - EQUITIES MARKET	Germany
BLEV	BLOCK EVENT	Australia
BLFX	BAYERNLB - FX DERIVATIVES MARKET	Germany
BLIQ	BAYERNLB - LIQP BONDS MARKET	Germany
BLKX	INSTINET BLOCKCROSS ATS	United States
BLNK	BLINK MTF	United Kingdom
BLOX	BLOCKMATCH UK DARK	United Kingdom
BLPX	BELGIAN POWER EXCHANGE	Belgium
BLTD	BLOOMBERG TRADEBOOK LLC	United States
BLTX	BALTEX - FREIGHT DERIVATIVES MARKET	United Kingdom
BLUE	PRO SECURITIES ATS	United States
BLUX	BANQUE DE LUXEMBOURG	Luxembourg
BLXA	INSTINET BLX (AU)	Australia
BMCL	BME CLEARING S.A.	Spain
BMCM	BMO CAPITAL MARKETS LIMITED	United Kingdom
BMEA	BME - APA	Spain
BMEX	BME - BOLSAS Y MERCADOS ESPANOLES	Spain
BMFA	BMFMS-ATS	Romania
BMFM	DERIVATIVES REGULATED MARKET - BMFMS	Romania
BMFX	SIBIU MONETARY- FINANCIAL AND COMMODITIES EXCHANGE	Romania
BMLB	BANK OF MONTREAL - LONDON BRANCH	United Kingdom
BMLI	BANK OF AMERICA MERRILL LYNCH INTERNATIONAL BANK D	Ireland
BMLS	BANK OF AMERICA MERRILL LYNCH INTERNATIONAL BANK D	Ireland
BMLX	BANK OF AMERICA MERRILL LYNCH INTERNATIONAL BANK D	Ireland
BMSI	BANK OF AMERICA MERRILL LYNCH INTERNATIONAL BANK D	Ireland
BMTF	BLOOMBERG TRADING FACILITY LIMITED	United Kingdom
BMTS	MTS BELGIUM	Belgium
BNDD	TRADEWEB DIRECT LLC	United States
BNDS	BONDS.COM, INC.	United States
BNLD	BANCA NAZIONALE DEL LAVORO SPA	Italy
BNPA	BNP PARIBAS ARBITRAGE SNC	France
BNPC	BNPP CORTEX ATS	United States
BNPF	BNP PARIBAS FORTIS SA/NV	Belgium
BNPH	BNPP CORTEX EQUITIES	United States

CODE	NAME	COUNTRY
BNPL	BNP PARIBAS SA LONDON BRANCH	United Kingdom
BNPP	BANK BGZ BNP PARIBAS S.A.	Poland
BNPS	BNP PARIBAS SA	France
BNPX	BNP PARIBAS ALTERNATIVE TRADING SYSTEM	Japan
BNSX	THE BANK OF NOVA SCOTIA	Canada
BNTW	BLOCKMATCH UK NT	United Kingdom
BNYC	CONVERGEX	United States
BOAL	BANK OF AMERICA, NATIONAL ASSOCIATION - LONDON BRA	United Kingdom
BOAT	CINNOBER BOAT	United Kingdom
BOCF	BANK OF CHINA LIMITED - FRANKFURT BRANCH	Germany
BOFS	BANK OF SCOTLAND PLC	United Kingdom
BOND	BONDVISION ITALIA	Italy
BOSC	BONDSCAPE	United Kingdom
BOSD	NASDAQ OMX BX DARK	United States
BOSP	WARSAW STOCK EXCHANGE/BONDS/CATALYST/BONDSPOT/MTF	Poland
BOTC	OFF EXCHANGE IDENTIFIER FOR OTC TRADES REPORTED TO	United Kingdom
BOTE	BOTSWANA STOCK EXCHANGE - EXCHANGE TRADED FUNDS (E	Botswana
BOTV	BOTSWANA STOCK EXCHANGE - VENTURE CAPITAL	Botswana
BOVA	BOLSA DE CORREDORES - BOLSA DE VALORES	Chile
BOVM	BOLSA DE VALORES MINAS-ESP RITO SANTO-BRAS LIA	Brazil
BPAG	BANK PICTET & CIE (EUROPE) AG	Germany
BPAS	BANCA PASSADORE	Italy
BPKO	PKO BANK POLSKI S.A.	Poland
BPLC	BARCLAYS BANK PLC	United Kingdom
BPOL	BLOOMBERG BPOOL	United States
BPOL	BLOOMBERG BPOOL	United States
BPSX	BNP PARIBAS SECURITIES SERVICES	France
BRDE	BRD - GROUPE SOCIETE GENERALE S.A.	Romania
BRDL	BRD - GROUPE SOCIETE GENERALE S.A. - LIQUIDITY PRO	Romania
BRDS	BRD - GROUPE SOCIETE GENERALE S.A. - SYSTEMATIC IN	Romania
BREA	BANCA REALE	Italy
BRED	BRED BANQUE POPULAIRE	France
BRFQ	BLOCKMATCH UK RFQ	United Kingdom
BRGA	BRYAN GARNIER AND CO LIMITED	United Kingdom
BRIX	BRAZILIAN ENERGY EXCHANGE	Brazil
BRMF	ROMANIAN COMMODITIES EXCHANGE - BRM-SMT	Romania
BRNX	BERNSTEIN CROSS (BERN-X)	United Kingdom
BSAB	BANCO DE SABADELL, S.A.	Spain
BSEX	BAKU STOCK EXCHANGE	Azerbaijan
BSFX	BAYERNLB - FX HANDEL	Germany
BSLB	BANCO SANTANDER, LONDON BRANCH	United Kingdom
BSME	BSE SME	India
BSPL	BNP PARIBAS SECURITIES SERVICES LONDON BRANCH	United Kingdom
BSTX	BOSTON SECURITY TOKEN EXCHANGE LLC	United States
BTAM	CME AMSTERDAM B.V.	Netherlands
BTBS	BLOOMBERG TRADEBOOK SINGAPORE PTE LTD	Singapore
BTEC	ICAP ELECTRONIC BROKING (US)	United States
BTEE	BROKERTEC EUROPE LIMITED - ALL MARKETS	United Kingdom
BTEQ	BROKERTEC AMERICAS LLC - RFQ PLATFORM	United States
BTFE	BLOOMBERG TRADING FACILITY B.V.	Netherlands
BTLX	BTL OTC BILAT COMMODITY DERIVATIVES	United Kingdom
BTNL	BITNOMIAL	United States

CODE	NAME	COUNTRY
BTQE	CME AMSTERDAM B.V. - RFQ TRADING PROTOCOL	Netherlands
BTQG	BROKERTEC EUROPE LIMITED - RFQ TRADING PROTOCOL	United Kingdom
BTRL	BANCA TRANSILVANIA S.A.	Romania
BTUN	TUNIS STOCK EXCHANGE (BOURSE DE TUNIS) - BONDS MAR	Tunisia
BULK	NASDAQ COMMODITIES - BULK COMMODITY	Norway
BURG	BURGUNDY NORDIC MTF	Norway
BURM	BURGUNDY REGULATED MARKET	Norway
BUYN	LCH LTD - BUY IN	United Kingdom
BVCA	CARACAS STOCK EXCHANGE	Venezuela
BVMF	B3 S.A. - BRASIL BOLSA BALCAO	Brazil
BVUK	BONDVISION UK	United Kingdom
BVUR	BOLSA ELECTRONICA DE VALORES DEL URUGUAY	Uruguay
BVUS	BONDVISION US	United States
BXDA	BX DIGITAL	Switzerland
BYXD	CBOE BYX U.S. EQUITIES EXCHANGE DARK	United States
BZXD	CBOE BZX U.S. EQUITIES EXCHANGE DARK	United States
C2OX	CBOE C2 OPTIONS EXCHANGE	United States
CABK	CAIXABANK	Spain
CABV	CME AMSTERDAM B.V. - APA	Netherlands
CAES	CREDIT SUISSE AES CROSSFINDER	United States
CALH	CLSA AMERICAS - LIQUIDITY HUB	United States
CAND	CANDEAL.CA INC	Canada
CANX	CANNEX FINANCIAL EXCHANGE LTS	Canada
CAPA	CBOE EUROPE - APA (NL)	Netherlands
CAPI	CAPI - OTF	Spain
CAPL	CREDIT AGRICOLE BANK POLSKA S.A.	Poland
CASI	CARNEGIE INVESTMENT BANK AB	Sweden
CAST	FORECASTEX, LLC	United States
CATS	CATS	Germany
CAVD	CAVENDISH MARKETS B.V.	Netherlands
CAVE	CAVEAT EMPTOR	United States
CAZE	THE CAZENOVE MTF	United Kingdom
CBAE	COMMONWEALTH BANK OF AUSTRALIA (EUROPE) N.V.	Netherlands
CBAL	COMMONWEALTH BANK OF AUSTRALIA - LONDON BRANCH	United Kingdom
CBKA	COMMERZBANK AG	Germany
CBKC	COMMERZBANK COMMODITY DERIVATIVES	Germany
CBKD	COMMERZBANK EQUITY DERIVATIVES	Germany
CBKE	COMMERZBANK EQUITY	Germany
CBKF	COMMERZBANK COMMANDER	Germany
CBKG	COMMERZBANK FIXED INCOME	Germany
CBKS	COMMERZBANK INTEREST RATE SWAPS	Germany
CBLC	CITIBLOC	United States
CBMS	CBM SARB	South Africa
CBNL	CITIBANK N.A. LONDON	United Kingdom
CBOE	CBOE FX NDFS	Switzerland
CBSK	CESKOSLOVENSKA OBCHODNA BANKA, A.S.	Slovakia
CBSX	CBOE STOCK EXCHANGE	United States
CBTS	CME SWAPS MARKETS (CBOT)	United States
CCEU	CITADEL CONNECT EUROPE	United Kingdom
CCEX	CASPY COMMODITY EXCHANGE	Kazakhstan
CCFE	CHICAGO CLIMATE FUTURES EXCHANGE	United States
CCFX	CHINA FINANCIAL FUTURES EXCHANGE	China

CODE	NAME	COUNTRY
CCLX	FINESTI S.A.	Luxembourg
CCML	CONTINENTAL CAPITAL MARKETS LIMITED - OTF	United Kingdom
CCMS	CONTINENTAL CAPITAL MARKETS S.A.	Switzerland
CCMX	CARTAX	United States
CCO2	CANTORCO2E.COM LIMITED	United Kingdom
CCRM	CBOE EUROPE REGULATED MARKETS (NL)	Netherlands
CCXE	CBOE EUROPE EQUITIES - EUROPEAN EQUITIES (NL)	Netherlands
CDDED	CITADEL SECURITIES	United States
CDEL	CITADEL SECURITIES ATS	United States
CDSI	CREDIT SUISSE (DEUTSCHLAND) AG	Germany
CDSL	CLEARCORP DEALING SYSTEMS (INDIA) LTD.	India
CECA	CECABANK	Spain
CECS	CME SWAPS MARKETS (COMEX)	United States
CEDX	CBOE EUROPE DERIVATIVES	Netherlands
CELP	ESKOSLOVENSK OBCHODN BANKA, A.S. - OTHER LIQ	Czech Republic
CEPL	CITIBANK EUROPE PLC	Ireland
CEPU	CITIBANK EUROPE PLC - LONDON BRANCH	United Kingdom
CESI	ESKOSLOVENSK OBCHODN BANKA, A.S. - SYSTEMATI	Czech Republic
CETI	CETIP S.A. - MERCADOS ORGANIZADOS	Brazil
CETI	CETIP S.A. - MERCADOS ORGANIZADOS	Brazil
CETO	BONDSPOT S.A.	Poland
CEUD	CBOE EUROPE - DXE DARK ORDER BOOK (NL)	Netherlands
CEUE	CBOE EUROPE - CXE ORDER BOOKS (NL)	Netherlands
CEUO	CBOE EUROPE - DXE OFF-BOOK (NL)	Netherlands
CEUX	CBOE EUROPE - DXE ORDER BOOKS (NL)	Netherlands
CFAU	CROSSFINDER AUSTRALIA	Australia
CFBC	CHINA FOREIGN EXCHANGE TRADE SYSTEM - SHANGHAI - H	China
CFHK	CROSSFINDER HONG KONG	Hong Kong
CFIC	CHINAFICC	United Kingdom
CFIF	CREDIT FINANCIER INVEST (CFI) LTD	Cyprus
CFIL	CANTOR FITZGERALD IRELAND LIMITED	Ireland
CFIM	CBOE FIXED INCOME MARKETS, LLC	United States
CFJP	CROSSFINDER JAPAN	Japan
CFTW	CROSSFINDER TAIWAN	Taiwan
CGCM	CASSA DI COMPENSAZIONE E GARANZIA SPA - COLLATERAL	Italy
CGDB	CASSA DI COMPENSAZIONE E GARANZIA SPA - BONDS CCP	Italy
CGEB	CASSA DI COMPENSAZIONE E GARANZIA SPA - EURO BONDS	Italy
CGEC	CITIGROUP GLOBAL MARKETS EUROPE AG - EMEA LIQUIDI	Germany
CGEE	CITI MATCH DE CONTRA LIQUIDITY	Germany
CGET	CITIGROUP GLOBAL MARKETS EUROPE AG - EMEA TRADING	Germany
CGGD	CASSA DI COMPENSAZIONE E GARANZIA SPA - CCP AGRICU	Italy
CGIT	CASSA DI COMPENSAZIONE E GARANZIA SPA	Italy
CGMA	CITI MATCH AUSTRALIA	Australia
CGMC	CITIGROUP GLOBAL MARKETS LIMITED - EMEA LIQUIDITY	United Kingdom
CGMD	CITIGROUP GLOBAL MARKETS EUROPE AG	Germany
CGME	CITI MATCH - GB	United Kingdom
CGMG	CITIGROUP GLOBAL MARKETS EUROPE AG - LONDON BRANCH	United Kingdom
CGMH	CITI MATCH - HK	Hong Kong
CGMI	CITIGROUP GLOBAL MARKETS	United States
CGML	CITIGROUP GLOBAL MARKETS LIMITED	United Kingdom
CGMT	CITIGROUP GLOBAL MARKETS LIMITED - EMEA TRADING	United Kingdom
CGMU	CITI MATCH GB CONTRA LIQUIDITY	United Kingdom



CODE	NAME	COUNTRY
CGMX	CITI MEXICO RPI (RETAIL PRICE IMPROVEMENT)	Mexico
CGND	CASSA DI COMPENSAZIONE E GARANZIA SPA - CCP ENERGY	Italy
CGQD	CASSA DI COMPENSAZIONE E GARANZIA SPA - CCP EQUITY	Italy
CGQT	CASSA DI COMPENSAZIONE E GARANZIA SPA - EQUITY CCP	Italy
CGTR	CASSA DI COMPENSAZIONE E GARANZIA SPA - TRIPARTY R	Italy
CGXS	ONECHRONOS	United States
CHEV	CA CHEUVREUX	United Kingdom
CHIA	CBOE AUSTRALIA	Australia
CHIC	CHI-X CANADA ATS	Canada
CHID	CBOE EUROPE - CXE DARK ORDER BOOK	United Kingdom
CHIE	CHI-EAST	Singapore
CHIJ	CBOE JAPAN - ALPHA	Japan
CHIO	CBOE EUROPE - CXE OFF-BOOK	United Kingdom
CHIS	CBOE JAPAN - SELECT	Japan
CHIV	CBOE JAPAN - MATCH	Japan
CHIX	CBOE EUROPE - CXE ORDER BOOKS	United Kingdom
CHIY	BATS CHI-X EUROPE LIMITED - CHI-CLEAR	United Kingdom
CIBC	CANADIAN IMPERIAL BANK OF COMMERCE	United Kingdom
CIBH	CIB BANK	Hungary
CIBP	CIBC WORLD MARKETS PLC	United Kingdom
CICX	CITI CROSS	United States
CILH	LIQUIDITY HUB JAPAN	Japan
CIMA	CIMD S.V. S.A. - APPROVED PUBLICATION ARRANGEMENT	Spain
CIMB	CIMD S.V. S.A. - OTF FOR BONDS	Spain
CIMD	CIMD S.V. S.A. - OTF	Spain
CIME	CIMD S.V. S.A. - OTF FOR ENERGY DERIVATIVES	Spain
CIMV	CIMD S.V. S.A. - OTF FOR DERIVATIVES	Spain
CIOI	CIOI	United States
CISD	NYSE NATIONAL, INC. - DARK	United States
CITD	CITI DARK	Japan
CITX	CITI MATCH - JP	Japan
CLAU	CLSA AUSTRALIA - DARK	Australia
CLCH	LCH LTD - CROSS NETTING	United Kingdom
CLHK	CLSA HONG KONG - DARK	Hong Kong
CLJP	CLSA JAPAN - DARK	Japan
CLMX	CLIMEX	Netherlands
CLPH	CLSA PHILIPPINES - DARK	Philippines
CLST	CLEAR STREET	United States
CLTD	EEX ASIA PTE. LTD.	Singapore
CLVE	VERTO MTF	United Kingdom
CMAP	CAPI - APPROVED PUBLICATION ARRANGEMENT	Spain
CMCI	CREDIT INDUSTRIEL ET COMMERCIAL	France
CMCM	CMC MARKETS UK PLC	United Kingdom
CMEC	CME CLEARING EUROPE	United Kingdom
CMED	CME EUROPE - DERIVATIVES	United Kingdom
CMEE	CME EUROPE	United Kingdom
CMES	CME SWAPS MARKETS (CME)	United States
CMET	CLEAR MARKETS JAPAN, INC.	Japan
CMMT	CLEAR MARKETS EUROPE LIMITED	United Kingdom
CMSF	CLEAR MARKETS NORTH AMERICA, INC.	United States
CMTS	EUROCREDIT MTS	United Kingdom
CNOD	CNODE	Singapore

CODE	NAME	COUNTRY
CNSI	CARNEGIE AS	Norway
COAL	LA COTE ALPHA	France
CODA	CODA MARKETS - MICRO AND BLOCK	United States
COHR	COMHAR CAPITAL MARKETS, LLC	United States
COMG	COMMERG LTD.	Malta
COMM	COMMERG	Netherlands
CONC	CONCORDE SECURITIES LTD.	Hungary
CONE	CBOE OPTIONS EXCHANGE	United States
CORE	CITIGROUP AGENCY OPTION AND EQUITIES ROUTING ENGIN	United States
COTC	BMO CAPITAL MARKETS - CAD OTC TRADES	Canada
CPGX	CLEARPOOL EXECUTION SERVICES, LLC	United States
CPTX	CAPTIN	Netherlands
CRDL	COREDEAL MTS	United Kingdom
CRED	CREDIT SUISSE (US)	United States
CREM	CREDEM BANCA	Italy
CRYD	CRYEX - FX AND DIGITAL CURRENCIES	Sweden
CRYP	CRYPTO FACILITIES	United Kingdom
CRYX	CRYEX	Sweden
CSAG	CREDIT SUISSE AG	Switzerland
CSAS	CESKA SPORITELNA, A.S.	Czech Republic
CSAU	CREDIT SUISSE EQUITIES (AUSTRALIA) LIMITED	Australia
CSBX	CREDIT SUISSE AES EUROPE BENCHMARK CROSS	United Kingdom
CSCF	CREDIT SUISSE AES CROSSFINDER EUROPE	United Kingdom
C_SCL	CREDIT SUISSE CLOSEX	United States
CSDA	CREDIT SUISSE AKTIENGESELLSCHAFT	Germany
CSE2	CANADIAN SECURITIES EXCHANGE - CSE2	Canada
CSEC	CITADEL SECURITIES FI	United Kingdom
CSEU	CREDIT SUISSE (EUROPE)	United Kingdom
CSFB	CREDIT SUISSE (EUROPE)	United Kingdom
CSGI	CITADEL SECURITIES FI - EUROPE	Ireland
CSHK	CREDIT SUISSE SECURITIES (HONG KONG) LIMITED	Hong Kong
CSIN	CREDIT SUISSE INTERNATIONAL	United Kingdom
CSJP	CREDIT SUISSE EQUITIES (JAPAN) LIMITED	Japan
CSLB	CREDIT SUISSE AG - LONDON BRANCH	United Kingdom
CSLP	CREDIT SUISSE LIGHT POOL	United States
CSMD	CREDIT SUISSE BANK (EUROPE), S.A.	Spain
CSOB	ESKOSLOVENSK OBCHODN BANKA, A.S.	Czech Republic
CSOT	CREDIT SUISSE AG - OHS	Switzerland
CSSI	CREDIT SUISSE INTERNATIONAL - SYSTEMATIC INTERNALI	United Kingdom
CSSX	CHINA STAINLESS STEEL EXCHANGE	China
CSTO	NASDAQ CLEARING AB	Sweden
CSVW	CREDIT SUISSE VWAPX	United States
CSZH	CREDIT SUISSE (CH)	Switzerland
CTWO	CBOE C2 OPTIONS EXCHANGE	United States
CURX	CUREX FX	United States
CXAB	CBOE AUSTRALIA - BIDS BLOCK TRADE VENUE	Australia
CXAC	CBOE AUSTRALIA - LIMIT VENUE	Australia
CXAF	CBOE AUSTRALIA MARKET PEG (FARPOINT) VENUE	Australia
CXAI	CBOE AUSTRALIA - BIDS PRICE IMPROVEMENT VENUE	Australia
CXAM	CBOE AUSTRALIA MOC	Australia
CXAN	CBOE AUSTRALIA PRIMARY PEG (NEARPOINT) VENUE	Australia
CXAP	CBOE AUSTRALIA MID-POINT VENUE	Australia

CODE	NAME	COUNTRY
CXAQ	CBOE AUSTRALIA - QUOTED MANAGED FUNDS	Australia
CXAR	CBOE AUSTRALIA - TRANSFERABLE CUSTODY RECEIPT MARK	Australia
CXAV	CBOE AUSTRALIA VWAP	Australia
CXAW	CBOE AUSTRALIA - WARRANTS	Australia
CXOT	CREDITEX BROKERAGE LLP - OTF	United Kingdom
CXRT	CREDITEX BROKERAGE LLP - MTF	United Kingdom
D2XC	D2X à CRYPTO DERIVATIVES	Netherlands
D2XG	D2X MARKET	Netherlands
DAIW	DAIWA CAPITAL MARKETS EUROPE LIMITED	United Kingdom
DAMP	GXG MARKETS A/S	Denmark
DAMS	EURONEXT AMSTERDAM à DARK BOOK FACILITY	Netherlands
DAPA	DEUTSCHE BOERSE AG - APA SERVICE	Germany
DASH	DASH ATS	United States
DASI	DANSKE BANK A/S	Denmark
DAUK	DANSKE BANK A/S - LONDON BRANCH	United Kingdom
DAVY	J AND E DAVY - IRISH GOVERNMENT BOND	Ireland
DBAB	DEUTSCHE BANK SECURITIES INC.	United States
DBAG	DEUTSCHE BANK AG	Germany
DBCR	DEUTSCHE BANK - CENTRAL RISK BOOK	United Kingdom
DBCX	DEUTSCHE BANK - CLOSE CROSS	United Kingdom
DBDC	DEUTSCHE BANK - DIRECT CAPITAL ACCESS	United Kingdom
DBDX	DEUTSCHE BOERSE DIGITAL EXCHANGE	Germany
DBES	DEUTSCHE BANK AG - SYSTEMATIC INTERNALISER	Germany
DBHK	DEUTSCHE BANK HONG KONG ATS	Hong Kong
DBIX	DEUTSCHE BANK AG - LONDON	United Kingdom
DBLN	DEUTSCHE BANK AG - LONDON - SYSTEMATIC INTERNALISER	United Kingdom
DBLN	DEUTSCHE BANK AG - LONDON	Germany
DBLX	DEUTSCHE BANK LUXEMBOURG S.A.	Luxembourg
DBMO	DEUTSCHE BANK - MANUAL OTC	United Kingdom
DBMO	DEUTSCHE BANK - MANUAL OTC	Germany
DBOX	DEUTSCHE BANK OFF EXCHANGE TRADING	Germany
DBRU	EURONEXT BRUSSELS à DARK BOOK FACILITY	Belgium
DBSE	DEUTSCHE BANK - SUPERX EU	United Kingdom
DBSX	DEUTSCHE BANK SUPER X	United States
DBVX	DBV-X	United Kingdom
DCSE	NASDAQ COPENHAGEN A/S - NORDIC@MID	Denmark
DCSX	DUTCH CARIBBEAN SECURITIES EXCHANGE	Cura ao
DDTX	DEAL DONE TRADING	Italy
DDUB	EURONEXT DUBLINà DARK BOOK FACILITY	Ireland
DEAL	DCX (DERIVATIVES CURRENCY EXCHANGE)	United States
DEKA	DEKABANK DEUTSCHE GIROZENTRALE	Germany
DEXE	DEX LIMITED	United Arab Emirates
DGCX	DUBAI GOLD AND COMMODITIES EXCHANGE DMCC	United Arab Emirates
DHEL	NASDAQ HELSINKI LTD - NORDIC@MID	Finland
DHLX	DEUTSCHE HOLDINGS (LUXEMBOURG) S.A R.L.	Luxembourg
DICE	NASDAQ ICELAND HF. - NORDIC@MID	Iceland
DIFX	NASDAQ DUBAI	United Arab Emirates
DKED	NASDAQ STOCKHOLM AB - DANISH EQ DERIVATIVES	Sweden
DKFI	NASDAQ STOCKHOLM AB - DANISH FI DERIVATIVES	Sweden
DKOB	NASDAQ STOCKHOLM AB - OTC DKK WB EQ DERIVATIVES	Sweden
DKTC	DANSK OTC	Denmark
DKWB	NASDAQ STOCKHOLM AB - DKK WB EQ DERIVATIVES	Sweden

CODE	NAME	COUNTRY
DLIS	EURONEXT LISBON â DARK BOOK FACILITY	Portugal
DMAD	BOLSA DE MADRID - DARK MIDPOINT	Spain
DMIL	BORSA ITALIANA - DARK BOOK FACILITY	Italy
DNDK	FIRST NORTH DENMARK - NORDIC@MID	Denmark
DNFI	FIRST NORTH FINLAND - NORDIC@MID	Finland
DNIS	FIRST NORTH ICELAND - NORDIC@MID	Iceland
DNSE	FIRST NORTH SWEDEN - NORDIC@MID	Sweden
DOSE	FIRST NORTH SWEDEN - NORWAY NORDIC@MID	Sweden
DOSL	EURONEXT OSLO â DARK BOOK FACILITY	Norway
DOTS	SWISS DOTS BY CATS	Switzerland
DOWE	DOWGATE EURO GOVERNMENT BONDS	Spain
DOWG	DOWGATE	United Kingdom
DOWM	DOWGATE - MTF (MADRID)	Spain
DPAR	EURONEXT PARIS â DARK BOOK FACILITY	France
DRCT	DAIWA DIRECT	Japan
DRSP	EURONEXT UK - REPORTING SERVICES	United Kingdom
DSMD	QATAR EXCHANGE	Qatar
DSME	FIRST NORTH DENMARK -SME GROWTH MARKET	Denmark
DSTO	NASDAQ STOCKHOLM AB - NORDIC@MID	Sweden
DUMX	GULF MERCANTILE EXCHANGE	United Arab Emirates
DUSA	BOERSE DUESSELDORF - REGULIERTER MARKT	Germany
DUSB	BOERSE DUESSELDORF - FREIVERKEHR	Germany
DUSC	BOERSE DUESSELDORF - QUOTRIX - REGULIERTER MARKT	Germany
DUSD	BOERSE DUESSELDORF - QUOTRIX MTF	Germany
DVFX	DIGITAL VEGA	United Kingdom
DWFI	DEALERWEB FIXED INCOME	United States
DWIN	DRIVEWEALTH INSTITUTIONAL LLC	United States
DWSF	DW SEF LLC	United States
DZBK	DZ BANK	Germany
EACM	MTS REPO - AGENCY CASH MANAGEMENT	United Kingdom
EBHU	ERSTE BANK HUNGARY ZRT.	Hungary
EBLX	BLOCKMATCH EUROPE DARK	Germany
EBMX	EBM - MTF	Italy
EBON	NASDAQ STOCKHOLM AB - EUR FI DERIVATIVES	Sweden
EBRA	BRATISLAVA STOCK EXCHANGE - MTF	Slovakia
EBSC	EBS MARKET- CLOB - FOR THE TRADING OF SPOT FX, PRE	Switzerland
EBSO	EBS MTF - RFQ - FOR THE TRADING OF FX PRODUCTS	Netherlands
EBSF	EBS MTF - FX PRODUCTS - RFQ SEGMENT	Netherlands
EBSI	EBS MTF - RFQ - FOR ASSET MANAGERS TRADING FX PROD	Netherlands
EBSM	EBS MTF - CLOB - FOR THE TRADING OF FX PRODUCTS	United Kingdom
EBSN	EBS MTF	Netherlands
EBSO	NEX SEF - TAILORED ORDER BOOKS	United Kingdom
EBSO	EBS UK MTF - TAILORED ORDER BOOKS	United Kingdom
EBSS	EBS SERVICE COMPANY LIMITED - ALL MARKETS	Switzerland
EBSX	EBS MTF	United Kingdom
EBXV	LEVEL ATS - VWAP CROSS	United States
ECAG	EUREX CLEARING AG	Germany
ECAL	EUREX CLEARING ASIA PTE. LTD.	Singapore
ECEU	TRADECHO EU APA	Netherlands
ECGS	EUREX CLEARING AG - SME	Germany
ECHO	LONDON STOCK EXCHANGE - APA	United Kingdom
ECNL	REFINITIV TRANSACTION SERVICES LIMITED - FX SPOT E	United Kingdom

CODE	NAME	COUNTRY
ECSL	ENTERPRISE COMMODITY SERVICES LIMITED	United Kingdom
ECXE	EUROPEAN CLIMATE EXCHANGE	Netherlands
EDBT	EURONEXT DUBLIN - TRADED BONDS	Ireland
EDDP	CBOE EDGX U.S. EQUITIES EXCHANGE DARK	United States
EDGA	CBOE EDGA U.S. EQUITIES EXCHANGE	United States
EDGD	CBOE EDGA U.S. EQUITIES EXCHANGE DARK	United States
EDGE	BATS DIRECT EDGE	United States
EDGL	GLOBAL EXCHANGE MARKET - TRADED BONDS	Ireland
EDGO	CBOE EDGX OPTIONS EXCHANGE	United States
EDGX	CBOE EDGX U.S. EQUITIES EXCHANGE	United States
EDRF	EDMOND DE ROTHSCHILD (FRANCE)	France
EDXM	EDX MARKETS	United States
EEAL	EUREX EXCHANGE ASIA PTE. LTD.	Singapore
EESE	EAST EUROPEAN STOCK EXCHANGE	Ukraine
EESX	EQUITY EXPRESS SECURITIES EXCHANGE (EESE)	South Africa
EFTP	ENERGIEFINANZ TRADING PLATFORM	Germany
EGMT	EG MARKET TECHNOLOGIES	United States
EGSI	ERSTE GROUP BANK AG	Austria
EIXE	AQUIS EXCHANGE PLC AQUIS - EIX INFRASTRUCTURE BOND	United Kingdom
ELEU	NASDAQ OSLO ASA - EUROPEAN POWER AND GAS DERIVATIV	Norway
ELIX	ELIXIUM	United Kingdom
ELNO	NASDAQ OSLO ASA - NORDIC POWER DERIVATIVES AND EUR	Norway
ELSE	NASDAQ OSLO ASA - SWEDISH ELECTRICITY CERTIFICATE	Norway
ELUK	NASDAQ COMMODITIES - GBP POWER/ENERGY	Norway
ELXE	ELIXIUM S.A.	France
EMBX	EMERGING MARKETS BOND EXCHANGE LIMITED	United Kingdom
EMCE	ROMANIAN COMMODITIES EXCHANGE - OTF	Romania
EMCH	FINACOR EMATCH	United Kingdom
EMDR	E-MID - E-MIDER MARKET	Italy
EMIB	E-MID - BANCA D'ITALIA SHARES TRADING MARKET	Italy
EMID	E-MID	Italy
EMIR	E-MID REPO	Italy
EMLD	MIAX EMERALD, LLC	United States
EMTF	EURO MTF	Luxembourg
EMTS	EBM	United Kingdom
ENAX	ATHENS EXCHANGE ALTERNATIVE MARKET	Greece
ENCL	ENCLEAR	United Kingdom
ENMS	EURONEXT MARKETS SINGAPORE PTE. LTD.	Singapore
ENSL	ENGNSOL - OMP	France
ENSX	SEB ENSKILDA	Sweden
ENSY	EURONEXT SYNAPSE	United Kingdom
ENTW	BLOCKMATCH EUROPE NT	Germany
ENXB	EURONEXT - EASY NEXT	Belgium
ENXL	EURONEXT ACCESS LISBON	Portugal
EOTC	E-OTC	Hong Kong
EPEX	EPEX SPOT SE	France
EPRD	MIAX PEARL EQUITIES EXCHANGE DARK	United States
EPRL	MIAX PEARL EQUITIES	United States
EQCA	EQUILEND CANADA CORP.	Canada
EQIE	EQUILEND LIMITED	Ireland
EQLD	EQUILEND EUROPE LIMITED	United Kingdom
EQOC	EQUOS SPOT	Singapore

CODE	NAME	COUNTRY
EQOD	EQUOS DERIVATIVES	Singapore
EQOS	EQUOS	Singapore
EQSE	EQUILEND LIMITED - SWAPS	Ireland
EQSL	EQUILEND EUROPE LIMITED - SWAPS	United Kingdom
EQTA	BOERSE BERLIN EQUIDUCT TRADING - REGULIERTER MARKT	Germany
EQTB	BOERSE BERLIN EQUIDUCT TRADING - BERLIN SECOND REG	Germany
EQTC	BOERSE BERLIN EQUIDUCT TRADING - FREIVERKEHR	Germany
EQTD	BOERSE BERLIN EQUIDUCT TRADING - OTC	Germany
EQUS	EQUILEND LLC	United States
EQWB	BX WORLDCAPS	Switzerland
ERBX	EUROBANK	Greece
ERFQ	BLOCKMATCH EUROPE RFQ	Germany
ERIS	CBOE DIGITAL EXCHANGE	United States
ERST	ERSTE BEFEKTETESI ZRT	Hungary
ESLO	ENGNSOL	France
ESPD	NASDAQ OMX ESPEED	United States
ESTO	NASDAQ STOCKHOLM AB - NORWAY ETF	Sweden
ETFP	ELECTRONIC ETF, ETC/ETN AND OPEN-END FUNDS MARKET	Italy
ETLX	EUROTLX	Italy
ETLX	EUROTLX	Italy
ETOR	ETORO EU	Cyprus
ETPA	ENERGY TRADING PLATFORM AMSTERDAM	Netherlands
ETSC	ETS EURASIAN TRADING SYSTEM COMMODITY EXCHANGE	Kazakhstan
EUAX	ATHENS EXCHANGE EUAS MARKET	Greece
EUCC	CITADEL CONNECT EUROPE - EU	Ireland
EUCH	EUREX ZURICH	Switzerland
EUFN	EURO-FINANCE AD	Bulgaria
EUOB	NASDAQ STOCKHOLM AB - OTC EUR WB EQ DERIVATIVES	Sweden
EURM	EUREX REPO MARKET	Switzerland
EUSC	EUREX CH SECLEND MARKET	Switzerland
EUSP	EUREX OTC SPOT MARKET	Switzerland
EUWA	EUWAX AG	Germany
EUWB	NASDAQ STOCKHOLM AB - EUR WB EQ DERIVATIVES	Sweden
EUWX	EUWAX	Germany
EVOL	EVOLUTION MARKETS	United Kingdom
EWRM	TURKISH MERCANTILE EXCHANGE - ELECTRONIC WAREHOUSE	Turkey
EWSM	EUROPEAN WHOLESALE SECURITIES MARKET	Malta
EXAA	WIENER BOERSE AG, AUSTRIAN ENERGY EXCHANGE	Austria
EXBO	EXANE BNP PARIBAS - BID-OFFER CROSSING	United Kingdom
EXCP	EXANE BNP PARIBAS - CLOSING PRICE	United Kingdom
EXDC	EXANE BNP PARIBAS - DIRECT CAPITAL ACCESS	United Kingdom
EXEU	EXANE BNP PARIBAS	United Kingdom
EXGM	EURONEXT GROWTH MILAN	Italy
EXLP	EXANE BNP PARIBAS - LIQUIDITY PROVISION	United Kingdom
EXMP	EXANE BNP PARIBAS - MID POINT	United Kingdom
EXOR	EXANE BNP PARIBAS - CHILD ORDER CROSSING	United Kingdom
EXOT	EXOTIX CAPITAL - OTF	United Kingdom
EXPA	EXPANDI MARKET	Italy
EXPM	EXPERT MARKET	United States
EXSB	EXANE DERIVATIVES CORPORATE BONDS	France
EXSD	EXANE DERIVATIVES OTC DERIVATIVES	France
EXSE	EXANE BNP PARIBAS - SYSTEMATIC INTERNALISER	France

CODE	NAME	COUNTRY
EXSF	EXANE DERIVATIVES OTHER BONDS	France
EXSH	EXANE DERIVATIVES SHARES	France
EXSI	EXANE BNP PARIBAS - GB	United Kingdom
EXSP	EXANE DERIVATIVES STRUCTURED PRODUCTS	France
EXSY	EXANE DERIVATIVES	France
EXTR	ENERGY EXCHANGE ISTANBUL	Turkey
EXVP	EXANE BNP PARIBAS - VOLUME PROFILE CROSSING	United Kingdom
EXYY	EXANE DERIVATIVES CONVERTIBLES	France
FAIR	CANTOR SPREADFAIR	United Kingdom
FAST	EURONEXT FX	United States
FBSI	FINECO BANK	Italy
FCBT	CHICAGO BOARD OF TRADE (FLOOR)	United States
FCME	CHICAGO MERCANTILE EXCHANGE (FLOOR)	United States
FGEX	KAASUPORSSI - FINNISH GAS EXCHANGE	Finland
FICO	FINANCIALCONTENT	United States
FICX	FINANCIAL INFORMATION CONTRIBUTORS EXCHANGE	Germany
FIED	NASDAQ STOCKHOLM AB - FINNISH EQ DERIVATIVES	Sweden
FINC	FINRA/NASDAQ TRF CHICAGO (TRADE REPORTING FACILITY)	United States
FINN	FINRA/NASDAQ TRF CARTERET (TRADE REPORTING FACILIT)	United States
FINO	FINRA ORF (TRADE REPORTING FACILITY)	United States
FINR	FINRA	United States
FINY	FINRA/NYSE TRF (TRADE REPORTING FACILITY)	United States
FISH	FISH POOL ASA	Norway
FISU	FREIGHT INVESTOR SERVICES LIMITED	United Kingdom
FLTB	FLOW TRADERS B.V. BONDS	Netherlands
FLTR	FLOW TRADERS - SYSTEMATIC INTERNALISER	Netherlands
FLWX	FLOW TRADERS	Netherlands
FMTS	MTS FRANCE SAS	France
FMXS	FMX SECURITIES	Singapore
FNCS	FENICS - US TREASURIES	United States
FNDK	FIRST NORTH DENMARK	Denmark
FNDS	INFRONT FUNDS MARKET	Norway
FNEE	FIRST NORTH ESTONIA	Estonia
FNFI	FIRST NORTH FINLAND	Finland
FNFT	FENICS FUTURES	United States
FNFX	FENICS FX ECN	United States
FNIS	FIRST NORTH ICELAND	Iceland
FNIX	GFI SECURITIES LLC - FENICS DELTA X	United States
FNIX	GFI SECURITIES LLC - FENICS DELTA X	United States
FNLT	FIRST NORTH LITHUANIA	Lithuania
FNLV	FIRST NORTH LATVIA	Latvia
FNSE	FIRST NORTH SWEDEN	Sweden
FNUK	FINANTIA UK LIMITED	United Kingdom
FNXB	FENICS INVITATIONS	United States
FPWB	FIRSTPLACE WIENER BOERSE	Austria
FRAA	BOERSE FRANKFURT - REGULIERTER MARKT	Germany
FRAB	BOERSE FRANKFURT - FREIVERKEHR	Germany
FRAD	DEUTSCHE BOERSE MID-POINT CROSS	Germany
FRAS	BOERSE FRANKFURT - SCALE	Germany
FRAU	BOERSE FRANKFURT - REGULIERTERMARKT - OFF-BOOK	Germany
FRAV	BOERSE FRANKFURT - FREIVERKEHR - OFF-BOOK	Germany
FRAW	BOERSE FRANKFURT - SCALE - OFF-BOOK	Germany

CODE	NAME	COUNTRY
FREI	NASDAQ COMMODITIES - FREIGHT COMMODITY	Norway
FREX	COINBASE DERIVATIVES	United States
FRRF	FONDS DES RENTES / RENTENFONDS	Belgium
FRTE	FORTE - OTF	United Kingdom
FSEF	FTSEF LLC	United States
FSHX	FISHEX	Norway
FSME	FIRST NORTH FINLAND - SME GROWTH MARKET	Finland
FTFM	42 FINANCIAL SERVICES - MTF	Czech Republic
FTFS	42 FINANCIAL SERVICES	Czech Republic
FTUS	FLOW TRADERS U.S LLC	United States
FUSD	FTX US DERIVATIVES	United States
FXAL	FXALL	United States
FXCL	CLEARCORP DEALING SYSTEMS INDIA LIMITED - FX-CLEAR	India
FXCM	FXCM	United States
FXFM	FINANCIAL AND RISK TRANSACTIONS SERVICES IRELAND L	Ireland
FXGB	FXCM - MTF	United Kingdom
FXMT	FXMARKETSPACE LIMITED	United Kingdom
FXNM	REFINITIV MATCHING NDFS SEF	United States
FXOP	TRADITION-NEX OTF	United Kingdom
FXPS	REFINITIV SEF REQUEST FOR STREAM	United States
FXRQ	FINANCIAL AND RISK TRANSACTIONS SERVICES IRELAND L	Ireland
FXRS	FINANCIAL AND RISK TRANSACTIONS SERVICES IRELAND L	Ireland
FXSM	REFINITIV MATCHING NDFS SINGAPORE	Singapore
FXSW	CLEARCORP DEALING SYSTEMS INDIA LIMITED - FX-SWAP	India
G1XX	G1 EXECUTION SERVICES	United States
G360	G360	United Kingdom
GBOB	NASDAQ STOCKHOLM AB - OTC GBP WB EQ DERIVATIVES	Sweden
GBOT	BOURSE AFRICA LIMITED	Mauritius
GBSI	GOODBODY STOCKBROKERS UC	Ireland
GBUL	BULGARIAN STOCK EXCHANGE - SME GROWTH MARKET BEAM	Bulgaria
GBWB	NASDAQ STOCKHOLM AB - GBP WB EQ DERIVATIVES	Sweden
GEMX	GEMMA (GILT EDGED MARKET MAKERSâ ASSOCIATION)	United Kingdom
GETB	LITHUANIAN NATURAL GAS EXCHANGE	Lithuania
GFAM	GFI SECURITIES LLC - ALL MARKETS	United States
GFAU	GFI AUSTRALIA PTY LTD	Australia
GFBM	GFI BROKERS - MTF	United Kingdom
GFBO	GFI BROKERS - OTF	United Kingdom
GFIA	GFI AUCTIONMATCH	United Kingdom
GFIB	GFI BROKERS	United Kingdom
GFIC	GFI SECURITIES LTD	United Kingdom
GFIF	GFI FOREXMATCH	United Kingdom
GFIM	GFI MARKETMATCH	United Kingdom
GFIN	GFI ENERGYMATCH	United Kingdom
GFIR	GFI RATESMATCH	United Kingdom
GFKS	GARANTUM FONDKOMMISSION AB	Sweden
GFOX	GLOBAL FUTURES AND OPTIONS LTD	United Kingdom
GFPO	GFI PARIS - OTF	France
GFSG	GFI SINGAPORE RMO	Singapore
GFSM	GFI SECURITIES LTD - MTF	United Kingdom
GFSO	GFI SECURITIES LTD - OTF	United Kingdom
GIPB	GOLDMAN SACHS INTERNATIONAL PARIS BRANCH	France
GLBX	CME GLOBEX	United States



CODE	NAME	COUNTRY
GLBX	FX SPOT+	Switzerland
GLLC	GATE US LLC	United States
GLMX	GLMX	United States
GLOM	GLOMAX EXCHANGE LTD	United Arab Emirates
GLPS	ESSEX RADEZ, LLC	United States
GLPX	ACS EXECUTION SERVICES, LLC	United States
GMBG	MTF SOFIA - GROWTH MARKET	Bulgaria
GMEG	GMEX EXCHANGE	United Kingdom
GMEO	GRIFFIN MARKETS EUROPE - OTF	France
GMES	GRIFFIN MARKETS EUROPE	France
GMEX	GREENMARKET EXCHANGE	Germany
GMGD	GMG DUBAI LIMITED	United Arab Emirates
GMGE	GMG EUROPE B.V.	Netherlands
GMGL	GMG BROKERS LIMITED	United Kingdom
GMNI	ISE GEMINI EXCHANGE	United States
GMTF	GALAXY	France
GMTS	MTS GERMANY	United Kingdom
GOTC	GLOBAL OTC	United States
GOVX	GOVEX	United States
GPBC	GPB-FINANCIAL SERVICES LTD	Cyprus
GREE	THE GREEN EXCHANGE	United States
GRIF	GRIFFIN MARKETS LIMITED	United Kingdom
GRIO	GRIFFIN MARKETS LIMITED - OTF	United Kingdom
GROW	BME GROWTH MARKET	Spain
GRSE	THE GREEN STOCK EXCHANGE - ACB IMPACT MARKETS	United Kingdom
GSAL	GOLDMAN SACHS (ASIA) LLC	Hong Kong
GSBE	GOLDMAN SACHS BANK EUROPE SE	Germany
GSBS	GFI SWAPS EXCHANGE, LLC - SECURITY BASED SWAPS	United States
GSBX	GOLDMAN SACHS INTERNATIONAL - SIGMA BCN	United Kingdom
GSCI	THE GUYANA ASSOCIATION OF SECURITIES COMPANIES AND	Guyana
GSCO	GOLDMAN SACHS AND CO.	United States
GSEF	GFI SWAPS EXCHANGE, LLC	United States
GSEI	GOLDMAN SACHS BANK EUROPE SE - SYSTEMATIC INTERNAL	Germany
GSIB	GOLDMAN SACHS INTERNATIONAL BANK	United Kingdom
GSIL	GOLDMAN SACHS INTERNATIONAL	United Kingdom
GSLO	GALLARDO SECURITIES LIMITED	United Kingdom
GSPL	GS PRINCIPAL LIQUIDITY ASIA	Hong Kong
GSPX	GOLDMAN SACHS INTERNATIONAL PARIS BRANCH - SYSTEMA	France
GSSI	GOLDMAN SACHS INTERNATIONAL - SYSTEMATIC INTERNALI	United Kingdom
GSXC	GSX CHINA	China
GSXH	GSX HONG KONG	Hong Kong
GSXK	GSX KOREA	Korea, Republic of
GSXL	THE GIBRALTAR STOCK EXCHANGE	Gibraltar
GSXM	GSX MICRO	Hong Kong
GSXN	GSX NATURAL	Hong Kong
GSXT	GSX TAIWAN	Taiwan
GTCO	KCG AMERICAS LLC	United States
GTSX	GTSX	United States
GTXE	GTX ECN	Bermuda
GTXS	GTX SEF, LLC	United States
GXGF	GXG MTF FIRST QUOTE	Denmark
GXGM	GXG MTF	Denmark

CODE	NAME	COUNTRY
GXGR	GXG MARKETS A/S	Denmark
GXMA	GX MARKETCENTER	Vanuatu
HAMA	BOERSE HAMBURG - REGULIERTER MARKT	Germany
HAMB	BOERSE HAMBURG - FREIVERKEHR	Germany
HAML	BOERSE HAMBURG - LANG AND SCHWARZ EXCHANGE	Germany
HAMM	BOERSE HAMBURG - LANG AND SCHWARZ EXCHANGE - REGUL	Germany
HAMN	BOERSE HAMBURG - LANG AND SCHWARZ EXCHANGE - FREIV	Germany
HANA	BOERSE HANNOVER - REGULIERTER MARKT	Germany
HANB	BOERSE HANNOVER - FREIVERKEHR	Germany
HANC	BOERSE HANNOVER - REGULIERTER MARKT - ELECTRONIC T	Germany
HAND	BOERSE HANNOVER - FREIVERKEHR - ELECTRONIC TRADING	Germany
HANE	BOERSE HANNOVER - ELECTRONIC TRADING	Germany
HBFR	HSBC CONTINENTAL EUROPE	France
HBPL	HSBC BANK POLSKA S.A.	Poland
HCER	VORVEL CERTIFICATES	Italy
HCHC	ICE CLEAR NETHERLANDS B.V.	Netherlands
HDAT	ELECTRONIC SECONDARY SECURITIES MARKET (HDAT)	Greece
HEDE	HENEX FINANCIAL ENERGY MARKET - DERIVATIVES MARKET	Greece
HEGX	NADEX	United States
HELA	HELABA	Germany
HEMO	HENEX S.A.	Greece
HESP	HENEX ELECTRICITY SPOT MARKET	Greece
HGSP	HENEX GAS SPOT MARKET	Greece
HKME	HONG KONG MERCANTILE EXCHANGE	Hong Kong
HMOD	VORVEL EQUITY AUCTION	Italy
HMTF	VORVEL BONDS	Italy
HOTC	HELLENIC EXCHANGE OTC MARKET	Greece
HPCO	HPC ETRADING	France
HPCS	HPC ENERGY TRADING	France
HPCV	HPC SA - VOICE OTF	France
HPCX	HPC SA	France
HPPO	POTAMUS TRADING LLC	United States
HPSO	HPC OTF - UK ETRADING PLATFORM	United Kingdom
HPSX	HPC OTF	United Kingdom
HREU	HRTEU LIMITED	Ireland
HRFQ	VORVEL RFQ	Italy
HRSI	HUDSON RIVER TRADING - SYSTEMATIC INTERNALISER	United Kingdom
HRTF	HUDSON RIVER TRADING (HRT)	United States
HRTX	HUDSON RIVER TRADING	United States
HSBC	HSBC	United Kingdom
HSBT	HSBC TRINKAUS AND BURKHARDT AG	Germany
HSFX	CBOE FX	United States
HSTC	HANOI STOCK EXCHANGE	Vietnam
HSXA	HSBC-X HONG KONG	Hong Kong
HSXE	HSBC-X UNITED KINGDOM	United Kingdom
HUDX	HUNGARIAN DERIVATIVE ENERGY EXCHANGE	Hungary
HUNG	MTS HUNGARY	United Kingdom
HUPX	HUNGARIAN POWER EXCHANGE	Hungary
HWHE	HWH ENERGIMEGLING	Norway
IATS	INTERACTIVE BROKERS LLC - ATS	United States
IATS	IBKR ATS	United States
IBAL	ICE BENCHMARK ADMINISTRATION	United Kingdom

CODE	NAME	COUNTRY
IBCO	INTERACTIVE BROKERS CORP	United States
IBEQ	INVEST BANCA - IBIS EQUITY	Italy
IBER	IBERCAJA BANCO SA	Spain
IBEX	INDEPENDENT BULGARIAN ENERGY EXCHANGE	Bulgaria
IBGH	IBERIAN GAS HUB	Spain
IBIS	INVEST BANCA	Italy
IBKR	INTERACTIVE BROKERS LLC	United States
IBLX	INSTINET BLX	United States
IBSI	INTERACTIVE BROKERS	Ireland
IBUL	BULGARIAN STOCK EXCHANGE - INTERNATIONAL INSTRUMEN	Bulgaria
ICAH	TRAYPORT	United Kingdom
ICAP	ICAP EUROPE	United Kingdom
ICAS	ICAP ENERGY AS	Norway
ICAT	ICAP HYDE TANKER DERIVATIVES LIMITED	United Kingdom
ICBX	INSTINET CBX (US)	United States
ICDX	INDONESIA COMMODITY AND DERIVATIVES EXCHANGE	Indonesia
ICEL	ISLAND ECN LTD, THE	United States
ICEN	ICAP ENERGY	United Kingdom
ICEO	ICAP ENERGY - OTF	United Kingdom
ICES	ICE SWAP TRADE LLC	United States
ICEU	INTERCONTINENTAL EXCHANGE - ICE FUTURES EUROPE	United Kingdom
ICHK	NOMURA ICE - HK	Japan
ICKR	NOMURA ICE - KR	Japan
ICOR	ICAP EU - OTF - REGISTRATION	France
ICOT	ICAP EU - OTF	France
ICPM	TP ICAP UK MTF	United Kingdom
ICPS	ICAP SINGAPORE RMO	Singapore
ICRO	INSTINET VWAP CROSS	United States
ICSE	ICAP SECURITIES	United Kingdom
ICSH	NOMURA ICE - SH	Japan
ICSU	ICAP SEF (US) LLC.	United States
ICSZ	NOMURA ICE - SZ	Japan
ICTQ	ICAP TRUEQUOTE	United Kingdom
ICTW	NOMURA ICE - TW	Japan
ICUR	CURRENEX IRELAND MTF	Ireland
ICUS	ICE FUTURES U.S. INC	United States
ICXL	INDIAN COMMODITY EXCHANGE LTD.	India
ICXR	CURRENEX IRELAND MTF - RFQ	Ireland
IDXM	IDX MARKETS, LLC	United States
IEBS	EBS MTF - RFQ - FX PRODUCTS FOR ASSET MANAGERS	Netherlands
IECE	ICAP ENERGY LTD OTF - EUROPEAN COMMODITIES AND ENE	United Kingdom
IECL	ICAP ENERGY LTD OTF - COMMODITIES AND ENERGY DERIVATIVES	United Kingdom
IECL	TP ICAP E. AND C. OTF à ICAP COMMODITIES AND ENE	United Kingdom
IENG	INFOENGINE OTC	Poland
IEOS	IBKR EOS ATS	United States
IEPA	INTERCONTINENTAL EXCHANGE	United States
IEXA	IEX DAP LLC	United States
IEXC	INVESTORS EXCHANGE - DAX FACILITY	United States
IEXD	INVESTORS EXCHANGE - DARK	United States
IEXG	INVESTORS EXCHANGE	United States
IFAD	ICE FUTURES ABU DHABI	United Arab Emirates
IFBX	IRAN FARA BOURSE	Iran, Islamic Republic of

CODE	NAME	COUNTRY
IFCA	ICE FUTURES CANADA	Canada
IFED	ICE FUTURES U.S. ENERGY DIVISION	United States
IFEN	ICE FUTURES EUROPE - OIL AND REFINED PRODUCTS DIVI	United Kingdom
IFEU	ICE FUTURES EUROPE	United Kingdom
IFFX	INFRONT FX MARKET	Norway
IFLL	ICE FUTURES EUROPE - FINANCIAL PRODUCTS DIVISION	United Kingdom
IFLO	ICE FUTURES EUROPE - EQUITY PRODUCTS DIVISION	United Kingdom
IFLS	SWAPXECUTE	United Kingdom
IFLX	ICE FUTURES EUROPE - AGRICULTURAL PRODUCTS DIVISIO	United Kingdom
IFSG	ICE FUTURES SINGAPORE	Singapore
IFSM	INSTITUTIONAL FINANCIAL SECURITIES MARKET	Malta
IFUS	ICE FUTURES U.S.	United States
IFUT	ICE FUTURES EUROPE - EUROPEAN UTILITIES DIVISION	United Kingdom
IFXA	FX CONNECT IRELAND MTF - ALLOCATIONS	Ireland
IFXC	FX CONNECT IRELAND MTF	Ireland
IFXR	FX CONNECT IRELAND MTF - RFQ	Ireland
IGDL	ICAP GLOBAL DERIVATIVES LIMITED	United Kingdom
IIDX	INSTINET IDX	United States
IINX	INDIA INTERNATIONAL EXCHANGE (IFSC) LIMITED	India
IKBS	IKB DEUTSCHE INDUSTRIEBANK AG	Germany
ILCM	LOUIS CAPITAL MARKETS UK	United Kingdom
IMAG	ICE MARKETS AGRICULTURE	United States
IMBD	ICE MARKETS BONDS	United States
IMCC	ICE CREDIT TRADE	United States
IMCD	ICAP MTF - CREDIT DERIVATIVES	United Kingdom
IMCE	TP ICAP UK MTF - CASH EQUITY	United Kingdom
IMCG	CREDITEX LLC	United States
IMCM	ICAP MTF - COMMODITIES	United Kingdom
IMCO	ICE ENDEX OTF FUTURES	Netherlands
IMCR	ICE MARKETS CREDIT	United States
IMCS	IMC FINANCIAL MARKETS	United States
IMCT	IMC	Netherlands
IMED	TP ICAP UK MTF - EQUITY DERIVATIVES	United Kingdom
IMEN	ICE MARKETS ENERGY	United States
IMEQ	ICE MARKETS EQUITY	Netherlands
IMET	TP ICAP UK MTF - EXCHANGE TRADED PRODUCTS	United Kingdom
IMEX	IRAN MERCANTILE EXCHANGE	Iran, Islamic Republic of
IMFD	TP ICAP UK MTF - FX DERIVATIVES	United Kingdom
IMFX	ICE MARKETS FOREIGN EXCHANGE	United States
IMGB	TP ICAP UK MTF - GOVERNMENT BONDS EXCLUDING GILTS	United Kingdom
IMGI	TP ICAP UK MTF - GILTS	United Kingdom
IMIR	ICE MARKETS RATES	United States
IMMH	IMMH - INTESA SANPAOLO	Italy
IMMM	TP ICAP UK MTF - MONEY MARKET INSTRUMENTS	United Kingdom
IMRD	TP ICAP UK MTF - INTEREST RATE DERIVATIVES	United Kingdom
IMSB	TP ICAP UK MTF - CORPORATE BONDS AND SECURITIES DE	United Kingdom
IMTF	INTEGRAL MTF	United Kingdom
IMTS	MTS IRELAND	United Kingdom
INCA	INSTINET DESK CROSS	United States
INCR	INTELLIGENTCROSS	United States
INFT	INFRONT MARKETS	Norway
INGB	ING BANK NV	Netherlands

CODE	NAME	COUNTRY
INGE	ING BANK NV - SPRINTERS AND EQUITY	Netherlands
INGF	ING BANK NV - FOREIGN EXCHANGE	Netherlands
INGU	ING BANK NV - LONDON BRANCH	United Kingdom
INGW	ING BANK SLASKI SA	Poland
INSE	NSE IFSC LIMITED	India
INTL	STONEX FINANCIAL INC.	United States
INVE	INVESTEC BANK PLC	United Kingdom
IOCD	ICAP UK OTF - CREDIT DERIVATIVES	United Kingdom
IOED	ICAP UK OTF - EQUITY DERIVATIVES	United Kingdom
IOFB	ICAP SECURITIES OTF - BUTLER FX DERIVATIVES	United Kingdom
IOFI	ICAP UK OTF - CORPORATE BONDS AND SECURITISED DEBT	United Kingdom
IOFX	ICAP UK OTF - FX DERIVATIVES	United Kingdom
IOGB	ICAP UK OTF - GOVERNMENT BONDS EXCLUDING UK GILTS	United Kingdom
IOGI	ICAP UK OTF - GOVERNMENT BONDS - UK GILTS	United Kingdom
IOIR	ICAP UK OTF - INTEREST RATE DERIVATIVES	United Kingdom
IOMM	ICAP UK OTF - MONEY MARKET INSTRUMENTS	United Kingdom
IOTC	INSTINET EUROPE LIMITED OTC	United Kingdom
IOTF	ICAP UK OTF	United Kingdom
IPNL	ISWAP EURO MTF	Netherlands
IPSX	IPSX	United Kingdom
IPXP	IPSX PRIME	United Kingdom
IPXW	IPSX WHOLESALE	United Kingdom
ISBA	BANCA DI ASTI	Italy
ISBV	BIVER BANCA	Italy
ISDA	ISDAFIX	United States
ISDX	ICAP SECURITIES AND DERIVATIVES EXCHANGE LIMITED	United Kingdom
ISEC	FIRST NORTH ICELAND	Iceland
ISEX	INTER-CONNECTED STOCK EXCHANGE OF INDIA LTD	India
ISSI	ICBC STANDARD BANK	United Kingdom
ISWA	ISWAP UK MTF	United Kingdom
ISWB	ISWAP UK MTF - TRADE REGISTRATION	United Kingdom
ISWC	ISWAP UK MTF ORDER BOOK	United Kingdom
ISWE	ICAP GLOBAL DERIVATIVES LIMITED - ELECTRONIC	United Kingdom
ISWN	ISWAP EURO MTF - TRADE REGISTRATION	Netherlands
ISWO	ISWAP EURO MTF - ORDERBOOK	Netherlands
ISWP	ISWAP EURO MTF	Netherlands
ISWR	ISWAP UK MTF TARGETED STREAMING/RFQ	United Kingdom
ISWT	ISWAP EURO MTF - TARGETED STREAMING / RFQ	Netherlands
ISWV	ICAP GLOBAL DERIVATIVES LIMITED - VOICE	United Kingdom
ITGI	POSIT	United States
ITGL	POSIT MTF	Ireland
ITSL	INTERNATIONAL TRADING SYSTEM (ITS)	Kazakhstan
ITSM	AIM ITALIA - MERCATO ALTERNATIVO DEL CAPITALE	Italy
IUOB	ICAP UK OTF - ORDERBOOK	United Kingdom
IVZX	INVESCO CANADA PTF TRADES	Canada
IXSP	INTERNATIONAL STOCK EXCHANGE SAINT-PETERSBOURG	Russia
JADX	JOINT ASIAN DERIVATIVES EXCHANGE	Singapore
JASR	JAPANCROSSING	Japan
JATA	JASDAQ TACHIAIGAI (OFF-FLOOR MARKET)	Japan
JBSI	JYSKE BANK	Denmark
JBUL	BULGARIAN STOCK EXCHANGE - INTERNATIONAL MTF	Bulgaria
JEFA	JEFFERIES ASIA	Japan

CODE	NAME	COUNTRY
JEFE	JEFFERIES EUROPE	Germany
JEFS	JEFFERIES INTERNATIONAL - SYSTEMATIC INTERNALISER	United Kingdom
JEFX	JETX	United States
JESI	JEFFERIES EUROPE - SYSTEMATIC INTERNALISER	Germany
JISI	JEFFERIES INTERNATIONAL	United Kingdom
JLEQ	JUMP LIQUIDITY - US EQUITY PLATFORM	United States
JLEU	JUMP LIQUIDITY EU EQUITY PLATFORM	Netherlands
JLQD	JUMP LIQUIDITY - MULTI-ASSET PLATFORM	United States
JLSI	JUMP LIQUIDITY	United Kingdom
JNSI	JANE STREET NETHERLANDS B.V.	Netherlands
JNST	JANE STREET CAPITAL, LLC	United States
JPBX	JPBX	United States
JPCB	JPMORGAN CHASE BANK N.A. LONDON BRANCH	United Kingdom
JPEU	J.P. MORGAN SE	Germany
JPJX	JPJENKINS	United Kingdom
JPMI	JP MORGAN - JPMI MARKET	Hong Kong
JPMS	JPMS, LLC	United States
JPMX	JPMX	United States
JPSI	J.P. MORGAN SECURITIES PLC	United Kingdom
JSEB	JSE BOND ELECTRONIC TRADING PLATFORM	South Africa
JSEF	JAVELIN SEF, LLC	United States
JSER	JSE REPO MARKET	South Africa
JSES	JANE STREET EXECUTION SERVICES LLC	United States
JSJX	JANE STREET JX	United States
JSSI	JANE STREET FINANCIAL LTD	United Kingdom
JYSI	DEN JYSKE SPAREKASSE	Denmark
KABU	KABU.COM PTS	Japan
KAIX	CBOE JAPAN - KAI-X	Japan
KBCB	KBC BANK NV GROUP MARKETS	Belgium
KBLC	QUINTET PRIVATE BANK (EUROPE) S.A. - EURO COMMERC	Luxembourg
KBLL	QUINTET PRIVATE BANK (EUROPE) S.A.	Luxembourg
KBLM	KYTE BROKING LIMITED	United Kingdom
KBLS	QUINTET PRIVATE BANK (EUROPE) S.A. - STRUCTURED PR	Luxembourg
KBLT	QUINTET PRIVATE BANK (EUROPE) S.A. - FX TREASURY D	Luxembourg
KCCP	KELER CCP	Hungary
KDPW	KDPW_CCP	Poland
KELR	KELER	Hungary
KHHU	K AND H BANK ZRT	Hungary
KLEU	KNIGHT LINK EUROPE	United Kingdom
KLSH	KALSHIEX LLC	United States
KMTS	EUROMTS LINKERS MARKET	United Kingdom
KMUX	ZURCHER KANTONALBANK - EKMU-X	Switzerland
KNCM	KNIGHT CAPITAL MARKETS LLC	United States
KNEM	KNIGHT EQUITY MARKETS LP	United States
KNIG	KNIGHT	United States
KNLI	KNIGHT LINK	United States
KNMX	KNIGHT MATCH ATS	United States
KOCN	KOREA ECN SECURITIES CO. LTD (ATS)	Korea, Republic of
KOME	KOMERCNI BANKA, A.S.	Czech Republic
KOTF	OTFLINK	France
KRME	PAYWARD MENA HOLDINGS LTD.	United Arab Emirates
LAFD	FLOW DARK	United States

CODE	NAME	COUNTRY
LAFI	LAVAFLOW ECN	United States
LAFX	LAVAFX	United States
LAKE	RBC CAPITAL MARKETS LLC - HOSTED POOL	United States
LAMP	LAMPOST CAPITAL	United States
LASF	LATAM SEF	United States
LASP	LAN AND SPAR BANK A/S	Denmark
LATG	GFI SECURITIES LLC - CREDITMATCH (LATG)	United States
LAVA	LAVA TRADING (CITI)	United States
LBBW	LBBW - LANDESBANK BADEN-WUERTEMBERG	Germany
LBCM	LLOYDS BANK CORPORATE MARKETS	United Kingdom
LBCW	LLOYDS BANK CORPORATE MARKETS WERTPAPIERHANDELSBAN	Germany
LBUL	BULGARIAN STOCK EXCHANGE - SBL	Bulgaria
LBWL	LBBW - LANDESBANK BADEN-WUERTEMBERG - LIQUIDITY P	Germany
LBWS	LBBW - LANDESBANK BADEN-WUERTEMBERG - SYSTEMATIC	Germany
LCHC	LCH.CLEARNET	France
LCUR	CURRENEX LDFX	United Kingdom
LEBV	LEDGEREDGE B.V.	Netherlands
LEDG	LEDGER X LLC	United States
LELE	LEDGEREDGE	United Kingdom
LESI	LEDGEREDGE SECURITIES INC.	United States
LEUE	LIQUIDNET EU LIMITED EQUITY MTF	Ireland
LEUF	LIQUIDNET EU LIMITED FIXED INCOME MTF	Ireland
LEVL	LEVEL ATS	United States
LICA	LIQUIDNET CANADA ATS	Canada
LIFI	LIQUIDNET, INC. FIXED INCOME ATS	United States
LIGA	LIGA BANK EG	Germany
LIQF	LIQUIDNET EUROPE LIMITED	United Kingdom
LIQH	LIQUIDNET H20	United Kingdom
LIQU	LIQUIDNET SYSTEMS	United Kingdom
LISX	CBOE EUROPE - LIS SERVICE	United Kingdom
LISZ	CBOE EUROPE - LIS SERVICE (NL)	Netherlands
LIUH	LIQUIDNET, INC. H20 ATS	United States
LIUS	LIQUIDNET, INC.	United States
LLAT	LIECHTENSTEINISCHE LANDESBANK (OSTERREICH) AG	Austria
LMAD	LMAX - DERIVATIVES	United Kingdom
LMAE	LMAX - EQUITIES	United Kingdom
LMAF	LMAX - FX AND CASH-SETTLED DERIVATIVES	United Kingdom
LMAO	LMAX - INDICES/RATES/COMMODITIES	United Kingdom
LMAS	LMAX EXCHANGE SINGAPORE - NDFS	Singapore
LMAX	LMAX	United Kingdom
LMEC	LME CLEAR	United Kingdom
LMNR	LUMINOR BANK AS	Estonia
LMNX	LUMINEX TRADING AND ANALYTICS LLC - ATS	United States
LMTS	EUROGLOBALMTS	United Kingdom
LNEQ	TP ICAP EU - MTF - LIQUIDNET EU EQUITY	France
LNFI	TP ICAP EU - MTF - LIQUIDNET EU FIXED INCOME	France
LOTC	OTC MARKET	United Kingdom
LOUI	LOUIS CAPITAL MARKETS UK LLP	United Kingdom
LOYD	LLOYDS BANK	United Kingdom
LPPM	LONDON PLATINUM AND PALLADIUM MARKET	United Kingdom
LPSF	LPSFX LLC	United States
LQED	LIQUIDITYEDGE	United States

CODE	NAME	COUNTRY
LQFI	CITI LIQUIFI	United States
LSSI	LANG AND SCHWARZ TRADE CENTER	Germany
LTAA	LUMINEX TRADING AND ANALYTICS LLC	United States
LTSE	LONG-TERM STOCK EXCHANGE, INC.	United States
LXJP	BARCLAYS LX JAPAN	Japan
LYNX	LYNX ATS	Canada
M2AE	M2 LIMITED	United Arab Emirates
MABX	BME MTF EQUITY (IIC AND ECR SEGMENTS)	Spain
MACB	MACQUARIE AUSTRALIA BLOCK CROSSING	Australia
MACX	MERCATO ALTERNATIVO DEL CAPITALE	Italy
MAEL	MARKETAXESS EUROPE LIMITED	United Kingdom
MAGM	MAGMA ATS	United States
MAKX	MAKOR SECURITIES LONDON LTD	United Kingdom
MALM	MARKETAXESS SINGAPORE PTE LIMITED - LIVE MARKETS	Singapore
MALX	MALDIVES STOCK EXCHANGE	Maldives
MANL	MARKETAXESS NL B.V.	Netherlands
MAQE	MACQUARIE BANK EUROPE DESIGNATED ACTIVITY COMPANY	Ireland
MAQH	MACQUARIE INTERNAL MARKETS (HONG KONG)	Hong Kong
MAQI	MACQUARIE BANK INTERNATIONAL LIMITED	United Kingdom
MAQJ	MACQUARIE INTERNAL MARKETS (JAPAN)	Japan
MAQL	MACQUARIE CAPITAL EUROPE LIMITED	United Kingdom
MAQU	MACQUARIE BANK LIMITED, LONDON BRANCH	United Kingdom
MAQX	MACQUARIE INTERNAL MARKETS (AUSTRALIA)	Australia
MARF	MERCADO ALTERNATIVO DE RENTA FIJA (MARF)	Spain
MASG	MARKETAXESS SINGAPORE PTE LIMITED	Singapore
MATN	MATCH NOW	Canada
MATX	MATRIX LIMITED	United Arab Emirates
MAXD	MAX MARKETS LIMITED	United Kingdom
MBCP	MILLENNIUM BCP	Portugal
MBPL	MBANK S.A.	Poland
MBSI	MORGAN STANLEY BANK INTERNATIONAL LIMITED - SYSTEM	United Kingdom
MBUL	MTF SOFIA	Bulgaria
MCAD	MTS CASH DOMESTIC - MTF	Italy
MCID	MACQUARIE CAPITAL (IRELAND)	Ireland
MCRY	ISE MERCURY, LLC	United States
MCSE	NASDAQ COPENHAGEN A/S - AUCTION ON DEMAND	Denmark
MCUR	CURRENEX MTF	United Kingdom
MCXR	CURRENEX MTF - RFQ	United Kingdom
MCXS	CURRENEX MTF - STREAMING	United Kingdom
MCXX	METROPOLITAN STOCK EXCHANGE OF INDIA LIMITED	India
MCZK	MTS CZECH REPUBLIC	United Kingdom
MDIP	MEDIP (MTS PORTUGAL SGMR, SA)	Portugal
MDRV	MIBGAS - DERIVATIVES	Spain
MEAU	MACQUARIE EXECUTION (AU)	Australia
MEHK	MACQUARIE EXECUTION (HK)	Hong Kong
MELO	NASDAQ MIDPOINT-ELO (M-ELO)	United States
MEMD	MEMX LLC DARK	United States
MEMM	MEMX LLC RETAIL MIDPOINT	United States
MEMX	MEMX LLC EQUITIES	United States
MERD	MERKUR MARKET - DARK POOL	Norway
MERF	MERCADO ELECTRONICO DE RENTA FIJA	Spain
MERK	EURONEXT GROWTH - OSLO	Norway



CODE	NAME	COUNTRY
MESI	MORGAN STANLEY EUROPE S.E. - SYSTEMATIC INTERNALIS	Germany
MESQ	ACE MARKET	Malaysia
METZ	MET ZURICH	United Kingdom
MFGL	MF GLOBAL ENERGY MTF	United Kingdom
MFOX	EURONEXT - MERCADO DE FUTUROS E OP ES	Portugal
MFXA	FX CONNECT - MTF - ALLOCATIONS	United Kingdom
MFXC	FX CONNECT - MTF	United Kingdom
MFXR	FX CONNECT - MTF - RFQ	United Kingdom
MHBD	MIZUHO BANK, LTD. DUESSELDORF BRANCH	Germany
MHBE	MIZUHO BANK EUROPE N.V.	Netherlands
MHBL	MIZUHO BANK, LTD. LONDON BRANCH	United Kingdom
MHBP	MIZUHO BANK LTD. - PARIS BRANCH	France
MHEL	NASDAQ HELSINKI LTD - AUCTION ON DEMAND	Finland
MHEU	MIZUHO SECURITIES EUROPE	Germany
MHIP	MIZUHO INTERNATIONAL	United Kingdom
MIBG	MERCADO ORGANIZADO DEL GAS	Spain
MIBL	MITSUBISHI UFJ INVESTOR SERVICES AND BANKING	Luxembourg
MICE	NASDAQ ICELAND HF. - AUCTION ON DEMAND	Iceland
MIDC	MIDCHAINS	United Arab Emirates
MIHI	MIAMI INTERNATIONAL HOLDINGS, INC.	United States
MISX	MOSCOW EXCHANGE - ALL MARKETS	Russia
MIVX	EURONEXT MIV MILAN	Italy
MIZX	MIZUHO INTERNAL CROSSING	Japan
MKAA	MARKETAXESS ATS	United States
MKAP	MERITKAPITAL	Cyprus
MKTF	MARKET SECURITIES (FRANCE) SA	France
MLAX	BANK OF AMERICA - MERRILL LYNCH AUCTION CROSS	United Kingdom
MLCO	BANK OF AMERICA - MERRILL LYNCH OTC	United States
MLER	BOFA SECURITIES EUROPE - RFQ	France
MLES	BOFA SECURITIES EUROPE - SYSTEMATIC INTERNALISER	France
MLEU	BANK OF AMERICA - MERRILL LYNCH OTC - EUROPE	United Kingdom
MLEX	BOFA SECURITIES EUROPE	France
MLIB	MERRILL LYNCH INTERNATIONAL BANK DESIGNATED ACTIVI	United Kingdom
MLIX	MERRILL LYNCH INTERNATIONAL	United Kingdom
MLRQ	MERRILL LYNCH INTERNATIONAL - RFQ	United Kingdom
MLSI	MERRILL LYNCH INTERNATIONAL - SYSTEMATIC INTERNALI	United Kingdom
MLVE	BANK OF AMERICA - MERRILL LYNCH VWAP CROSS - EUROP	United Kingdom
MLVX	BANK OF AMERICA - MERRILL LYNCH VWAP CROSS	United States
MLXB	EURONEXT ACCESS BRUSSELS	Belgium
MLXN	BANK OF AMERICA - MERRILL LYNCH INSTINCT X - EUROP	United Kingdom
MNDK	FIRST NORTH DENMARK - AUCTION ON DEMAND	Denmark
MNFI	FIRST NORTH FINLAND - AUCTION ON DEMAND	Finland
MNIS	FIRST NORTH ICELAND - AUCTION ON DEMAND	Iceland
MNSE	FIRST NORTH SWEDEN - AUCTION ON DEMAND	Sweden
MOCX	MOC CROSS	United States
MOSE	FIRST NORTH SWEDEN - NORWAY AUCTION ON DEMAND	Sweden
MOTX	ELECTRONIC BOND MARKET	Italy
MPRL	MIAX PEARL, LLC	United States
MSAL	MORGAN STANLEY AUSTRALIA SECURITIES LIMITED	Australia
MSAX	MORGAN STANLEY MTF - PERIODIC AUCTION	France
MSBI	MORGAN STANLEY BANK INTERNATIONAL LIMITED	United Kingdom
MSCO	MORGAN STANLEY AND CO. LLC	United States

CODE	NAME	COUNTRY
MSCX	MORGAN STANLEY MTF - CONTINUOUS CROSS DARK	France
MSDM	MICHAEL/STROM DOM MAKLERSKI SPOLKA AKCYJNA	Poland
MSEL	MAREX SPECTRON EUROPE LIMITED - OTF	Ireland
MSEU	MORGAN STANLEY EUROPE S.E.	Germany
MSIP	MORGAN STANLEY AND CO. INTERNATIONAL PLC	United Kingdom
MSLC	MS LONG CROSS	United States
MSLP	MORGAN STANLEY AUTOMATED LIQUIDITY PROVISION	United States
MSMS	MORGAN STANLEY MUFG SECURITIES CO., LTD	Japan
MSNT	MORGAN STANLEY MTF - NEGOTIATED TRADE	France
MSPL	MS POOL	United States
MSRP	MS RPOOL	United States
MSSA	MAREX SPECTRON - OTF	France
MSSI	MORGAN STANLEY AND CO. INTERNATIONAL PLC - SYSTEMA	United Kingdom
MSTC	MS TRAJECTORY CROSSING ATS	United States
MSTO	NASDAQ STOCKHOLM AB - AUCTION ON DEMAND	Sweden
MSTX	MS TRAJECTORY CROSS	United States
MSWP	MTS INTERDEALER SWAPS MARKET	Italy
MSXB	MUSCAT STOCK EXCHANGE - BOOK BUILDING	Oman
MSXO	MUSCAT STOCK EXCHANGE à NON-LISTED INSTRUMENTS	Oman
MTAA	EURONEXT MILAN	Italy
MTAH	BORSA ITALIANA - TRADING AFTER HOURS	Italy
MTAX	MTAX	Italy
MTCH	BONDMATCH	France
MTSA	MTS AUSTRIA	United Kingdom
MTSB	MTS BONDS.COM	United States
MTSC	MTS ITALIA	Italy
MTSD	MTS DENMARK	Belgium
MTSF	MTS FINLAND	Belgium
MTSG	MTS GREECE	United Kingdom
MTSM	MTS CORPORATE MARKET	Italy
MTSO	MTS S.P.A.	Italy
MTSP	MTS POLAND	Poland
MTSS	MTS INTERDEALER SWAPS MARKET	United Kingdom
MTSW	MTS SWAP MARKET	United Kingdom
MTUS	MTS MARKETS INTERNATIONAL INC.	United States
MTXA	MARKETAXESS CANADA COMPANY	United States
MTXC	MARKETAXESS CORPORATION SINGLE-NAME CDS CENTRAL LI	United States
MTXM	MARKETAXESS CORPORATION MID-X TRADING SYSTEM	United States
MTXS	MARKETAXESS SEF CORPORATION	United States
MTXX	MARKETAXESS CORPORATION	United States
MUBE	MUFG BANK (EUROPE) N.V.	Netherlands
MUBL	MUFG BANK, LTD. - LONDON BRANCH	United Kingdom
MUBM	MUFG BANK, LTD. - MILANO BRANCH	Italy
MUBP	MUFG BANK, LTD. - PARIS BRANCH	France
MUDX	MITSUBISHI DIAMOND CROSSING	Japan
MUFP	MARIANA UFP LLP	United Kingdom
MUNA	BOERSE MUENCHEN - REGULIERTER MARKT	Germany
MUNB	BOERSE MUENCHEN - FREIVERKEHR	Germany
MUNC	BOERSE MUENCHEN - GETTEX - REGULIERTER MARKT	Germany
MUND	BOERSE MUENCHEN - GETTEX - FREIVERKEHR	Germany
MUSE	MUFG SECURITIES EMEA PLC	United Kingdom
MUSN	MUFG SECURITIES (EUROPE) N.V -	Netherlands

CODE	NAME	COUNTRY
MUTI	MITSUBISHI UFJ TRUST INTERNATIONAL LIMITED	United Kingdom
MVCX	MERCADO DE VALORES DE CORDOBA S.A.	Argentina
MXLM	MARKETAXESS EUROPE LIMITED - LIVE MARKETS	United Kingdom
MXNL	MARKETAXESS NL B.V. - LIVE MARKETS	Netherlands
MXOP	MEMX LLC OPTIONS	United States
MYTR	MYTREASURY	United Kingdom
N2EX	N2EX	United Kingdom
NABA	NATIONAL AUSTRALIA BANK - FX DERIVATIVES AND FIXED	United Kingdom
NABE	NAB EUROPE LIMITED	United Kingdom
NABL	NATIONAL AUSTRALIA BANK	United Kingdom
NABP	NATIONAL AUSTRALIA BANK EUROPE S.A.	France
NABU	NAB EUROPE LIMITED - FIXED INCOME SECURITIES	United Kingdom
NAMX	NATIONAL MERCANTILE EXCHANGE	Russia
NAPA	NASDAQ STOCKHOLM AB - APA SERVICE	Sweden
NASB	NASDAQ BALTIC	Lithuania
NASD	NSDQ DARK	United States
NASN	NASDAQ OMX DERIVATIVES MARKETS	Sweden
NASX	NASD OTC MARKET	Nigeria
NATX	NATIXIS	France
NAVE	NAVESIS-MTF	United Kingdom
NBFL	NATIONAL BANK FINANCIAL INC.	United Kingdom
NBLX	NOBLE EXCHANGE	United States
NBOT	NATIONAL BOARD OF TRADE LIMITED	India
NBXO	NASDAQ OMX BX OPTIONS	United States
NCEL	PAKISTAN MERCANTILE EXCHANGE	Pakistan
NCME	SMBC NIKKO CAPITAL MARKETS EUROPE GMBH	Germany
NCML	SMBC NIKKO CAPITAL MARKETS LIMITED	United Kingdom
NDCM	ICE ENDEX UK OCM GAS SPOT	United Kingdom
NDEX	ICE ENDEX FUTURES	Netherlands
NDXS	ICE ENDEX EUROPEAN GAS SPOT	Netherlands
NECD	NSX DARK	Australia
NEEQ	NATIONAL EQUITIES EXCHANGE AND QUOTATIONS	China
NEOC	NEO CONNECT	Canada
NEOD	NEO EXCHANGE - NEO-D (DARK)	Canada
NEOE	NEO EXCHANGE - NEO-L (MARKET BY ORDER)	Canada
NEON	NEO EXCHANGE - NEO-N (MARKET BY PRICE)	Canada
NESI	NOMURA FINANCIAL PRODUCTS EUROPE GMBH	Germany
NEXD	AQSE MAIN MARKET (NON-EQUITY)	United Kingdom
NEXF	AQSE GROWTH MARKET (NON-EQUITY)	United Kingdom
NEXG	AQSE GROWTH MARKET (EQUITY)	United Kingdom
NEXL	AQSE MAIN MARKET (EQUITY)	United Kingdom
NEXN	AQSE TRADING (NON-EQUITY)	United Kingdom
NEXO	NOREXECO ASA	Norway
NEXS	NEX SEF	United Kingdom
NEXT	AQSE TRADING (EQUITY)	United Kingdom
NEXX	AQUIS STOCK EXCHANGE	United Kingdom
NEXY	EBS MTF - RFQ - FOR CORPORATES TRADING FX PRODUCTS	Netherlands
NFSA	FIDELITY CROSSSTREAM	United States
NFSC	NATIONAL FINANCIAL SERVICES, LLC	United States
NFSD	FIDELITY DARK	United States
NGXC	NATURAL GAS EXCHANGE	Canada
NIBC	NIBC	Netherlands

CODE	NAME	COUNTRY
NIBR	NORWEGIAN INTER BANK OFFERED RATE	Norway
NILX	NILE STOCK EXCHANGE	Egypt
NLAX	CLEARPOOL EXECUTION SERVICES, LLC - NATURAL LIQUID	United States
NLBX	NORDDEUTSCHE LANDESBANK - GIROZENTRALE	Germany
NLPX	APX POWER NL	Netherlands
NMCE	NATIONAL MULTI-COMMODITY EXCHANGE OF INDIA	India
NMRA	NOMURA SECURITIES INTERNATIONAL	United States
NMRJ	NOMURA SECURITIES CO LTD	Japan
NMSX	NOMURA - EXTERNAL CROSSING PLATFORM	Japan
NMTF	NORDIC MTF	Sweden
NMTS	NEW EUROMTS	United Kingdom
NNCS	REGIONAL EXCHANGE CENTRE - MICEX VOLGA REGION	Russia
NOCO	NASDAQ STOCKHOLM AB - COMMODITIES	Sweden
NODX	NODAL EXCHANGE	United States
NOED	NASDAQ STOCKHOLM AB - NORWEGIAN EQ DERIVATIVES	Sweden
NOFF	NOMURA OTC TRADES	United Kingdom
NOFI	NASDAQ STOCKHOLM AB - NORWEGIAN FI DERIVATIVES	Sweden
NOME	NASDAQ OMX EUROPE	United Kingdom
NOOB	NASDAQ STOCKHOLM AB - OTC NOK WB EQ DERIVATIVES	Sweden
NOPS	NORD POOL SPOT AS	Norway
NORD	HSH NORDBANK	Germany
NORX	NASDAQ OSLO ASA	Norway
NOSC	NOS CLEARING ASA	Norway
NOSI	NOMURA INTERNATIONAL PLC	United Kingdom
NOTC	NORWEGIAN OVER THE COUNTER MARKET	Norway
NOWB	NASDAQ STOCKHOLM AB - NOK WB EQ DERIVATIVES	Sweden
NOWX	NOW CP - NEU CP	France
NPEX	NPEX	Netherlands
NPGA	GASPOINT NORDIC A/S	Denmark
NPMS	NASDAQ PRIVATE MARKET - SECONDMARKET	United States
NSME	NORDIC SME	Sweden
NSPO	NASDAQ SPOT AB	Sweden
NSSA	NOBLE SECURITIES S.A.	Poland
NSXB	BENDIGO STOCK EXCHANGE LIMITED	Australia
NTRL	INTELLIGENTCROSS - NATURAL LIQUIDITY CROSS	United States
NTUK	NATIXIS LONDON BRANCH	United Kingdom
NURD	NASDAQ EUROPE (NURO) DARK	United Kingdom
NURO	NASDAQ OMX EUROPE	United Kingdom
NWMS	NATWEST MARKETS PLC	United Kingdom
NWNV	NATWEST MARKETS NV	Netherlands
NXBX	BLOCKMATCH JAPAN	Japan
NXEU	NX	United Kingdom
NXFO	NX FUTURES	Japan
NXJP	NX JAPAN	Japan
NXSE	NX SELECT JAPAN	Japan
NXTE	NEXTRADE	Korea, Republic of
NXUS	NX ATS - CROSSING PLATFORM	United States
NXVW	NX VWAP	Japan
NYFX	MILLENNIUM	United States
NYMS	CME SWAPS MARKETS (NYMEX)	United States
NYMX	NYMEX EUROPE LTD.	United Kingdom
NYPC	NEW YORK PORTFOLIO CLEARING	United States

CODE	NAME	COUNTRY
NYSE	NYSE DARK	United States
NYSI	NYKREDIT BANK	Denmark
NZFX	NEW ZEALAND FUTURES & OPTIONS	New Zealand
NZFX	ASX - NEW ZEALAND FUTURES AND OPTIONS	Australia
NZXC	NZX CENTRAL	New Zealand
NZXM	NZX DARK	New Zealand
OAPA	OSLO BORS - APA	Norway
OBKL	OBERBANK AG	Austria
OCEA	BLUE OCEAN ALTERNATIVE TRADING SYSTEM	United States
OCFX	ONECHRONOS FX	United States
OCSI	SOVA CAPITAL	United Kingdom
OCTC	OCTAURA - COLLATERALIZED LOAN OBLIGATION (CLO)	United States
OCTL	OCTAURA - LOANS	United States
OCXE	ONECHRONOS MARKETS EUROPE	Netherlands
OCXL	ONECHRONOS MARKETS UK	United Kingdom
ODDO	ODDO BHF	France
ODOC	ODDO CONTREPARTIE	France
ODST	OSAKA DIGITAL EXCHANGE - START	Japan
ODXE	ODX - OSAKA DIGITAL EXCHANGE	Japan
OFEX	OFEX	United Kingdom
OHVO	OHV OTF	Netherlands
OILX	OILX	United Kingdom
OLBB	OLDENBURGISCHE LANDESBANK AG FX HANDEL	Germany
OLLC	OTCEX LLC	United States
OMEL	OMI POLO ESPANOL S.A. (OMIE)	Spain
OMGA	OMEGA ATS	Canada
OMIC	THE IBERIAN ENERGY CLEARING HOUSE	Portugal
OMIP	OMIP - POLO PORTUGUES, S.G.M.R., S.A. / OMIP DERIV	Portugal
ONEC	CITI-ONE	United States
ONSE	FIRST NORTH SWEDEN - NORWAY	Sweden
OOTC	OTHER OTC	United States
OPCO	OP CORPORATE BANK PLC	Finland
OPEX	PEX-PRIVATE EXCHANGE	Portugal
OPRA	OPTIONS PRICE REPORTING AUTHORITY	United States
OPTX	OPTAXE MTF	United Kingdom
OSDS	OSL DIGITAL SECURITIES EXCHANGE	Hong Kong
OSLC	SIX X-CLEAR AG	Norway
OSSG	OSL SG EXCHANGES	Singapore
OTCB	OTCQB MARKETPLACE	United States
OTCE	OTCEX	United Kingdom
OTCI	OTC LINK NQB IDQS (INTER-DEALER QUOTATION SYSTEM)	United States
OTCM	OTC LINK ATS - OTC MARKETS	United States
OTCN	OTC LINK ECN	United States
OTCQ	OTCQX MARKETPLACE	United States
OTCX	OTC EXCHANGE OF INDIA	India
OTPB	OTP BANK NYRT	Hungary
OTPR	OTP BANK ROMANIA SA	Romania
OTXB	BERNER KANTONALBANK OTC-X	Switzerland
OTXT	OTCX TRADING LIMITED UK MTF	United Kingdom
OYLD	OPENYIELD ATS	United States
PARK	PARKER POLAND SP. ZO.O.	Poland
PARX	PARFX	United Kingdom

CODE	NAME	COUNTRY
PATF	PATRIA FINANCE A.S.	Czech Republic
PAVE	ALTERNATIVE PLATFORM FOR SPANISH SECURITIES	Spain
PBGR	PIRAEUS BANK	Greece
PBUL	BULGARIAN STOCK EXCHANGE - APA	Bulgaria
PCDS	TULLETT PREBON PLC - PREBON CDS	United Kingdom
PDEX	PHILIPPINE DEALING AND EXCHANGE CORP	Philippines
PDQD	CODA MARKETS ATS DARK	United States
PDQX	CODA MARKETS	United States
PEEL	PEEL HUNT LLP UK	United Kingdom
PEPH	PEPINS - MTF - HALF-YEAR	Sweden
PEPM	PEPINS - MTF - MONTH	Sweden
PEPQ	PEPINS - MTF - QUARTER	Sweden
PEPW	PEPINS - MTF	Sweden
PEPY	PEPINS - MTF - YEAR	Sweden
PFTQ	PFTS QUOTE DRIVEN	Ukraine
PFTS	PFTS STOCK EXCHANGE	Ukraine
PFXD	PARNDF	United Kingdom
PGTP	PAYWARD GLOBAL TRADING (KRAKEN)	Singapore
PHSI	PEEL HUNT SYSTEMATIC INTERNALISER	United Kingdom
PIEU	ARITAS FINANCIAL LTD	United Kingdom
PINC	OTC PINK CURRENT	United States
PINI	OTC PINK NO INFORMATION	United States
PINL	OTC PINK LIMITED	United States
PINX	OTC PINK MARKETPLACE	United States
PIPE	ARITAS SECURITIES LLC	United States
PIPR	PIPER SANDLER AND CO.	United States
PIRM	PIRUM	United Kingdom
PJCX	PIPER SANDLER AND CO. - ATS	United States
PKOP	BANK POLSKA KASA OPIEKI S.A.	Poland
PLDX	PLUS DERIVATIVES EXCHANGE	United Kingdom
PLPD	WARSAW STOCK EXCHANGE/POLISH POWER EXCHANGE/REGULA	Poland
PLPO	WARSAW STOCK EXCHANGE/COMMODITIES/POLISH POWER - E	Poland
PLPS	WARSAW STOCK EXCHANGE/COMMODITIES/POLISH POWER EXC	Poland
PLPX	WARSAW STOCK EXCHANGE/COMMODITIES/POLISH POWER EXC	Poland
PLSX	PLUS STOCK EXCHANGE	United Kingdom
PLUS	BOERSE MUENCHEN - FREIVERKHER - PLUS - EUROPE	Germany
PMTS	MTS PORTUGAL SGMR, SA	Portugal
PNED	NASDAQ STOCKHOLM AB - PAN-NORDIC EQ DERIVATIVES	Sweden
POEE	WARSAW STOCK EXCHANGE/ENERGY MARKET/POEE	Poland
PORT	MTS PORTUGAL	United Kingdom
POSE	PORTFOLIO STOCK EXCHANGE	Spain
POTC	PACIFIC OTC	Vanuatu
POTL	PO TRADE LIQUIDITY	Australia
PPEX	PROPERTY PARTNER EXCHANGE	United Kingdom
PRME	MTS PRIME	United Kingdom
PROS	PROSPECTS	Malta
PRSE	PRAGMA ATS	United States
PSGM	OTC GREY MARKET	United States
PSXD	NASDAQ PSX	United States
PTPG	POLISH TRADING POINT	Poland
PULX	INSTINET BLOCKCROSS ATS	United States
PUMA	PUMA CAPITAL, LLC	United States

CODE	NAME	COUNTRY
PUMX	PUMA CAPITAL, LLC - OPTIONS	United States
PUND	PUNDION LLC	United States
PURE	CANADIAN SECURITIES EXCHANGE - PURE	Canada
PVBL	PROVABLE MARKETS	United States
PVMF	PVM OTF	United Kingdom
PVMF	TP ICAP E. AND C. OTF à PVM COMMODITIES AND EN	United Kingdom
PXIL	POWER EXCHANGE INDIA LTD.	India
QMTF	QUOTE MTF	Hungary
QMTS	MTS QUASI GOVERNMENT	United Kingdom
QUNT	INFRONT QUANT	Norway
QWIX	Q-WIXX PLATFORM	United Kingdom
R5FX	R5FX LIMITED	United Kingdom
RABL	RABOBANK INTERNATIONAL UK	United Kingdom
RABO	RABOBANK	Netherlands
RAJA	RAYMOND JAMES	United States
RBCB	RBC INVESTOR SERVICES BANK S.A.	Luxembourg
RBCC	RBC - PARIS BRANCH	France
RBCE	RBC EUROPE LIMITED	United Kingdom
RBCG	RBC CAPITAL MARKETS (EUROPE) GMBH	Germany
RBCM	RBC - ROYAL BANK OF CANADA	United Kingdom
RBCS	RBC CAPITAL MARKETS LLC	United States
RBCT	RBC INVESTOR SERVICES TRUST	United Kingdom
RBHU	RAIFFEISEN BANK (HUNGARY)	Hungary
RBIV	RAIFFEISEN BANK INTERNATIONAL AG	Austria
RBSI	RBC INVESTOR SERVICES BANK S.A. - SYSTEMATIC INTER	Luxembourg
RBSX	RBS CROSS	United Kingdom
RCBX	INSTINET RETAIL CBX	United States
RCMA	RBC CAPITAL MARKETS ARBITRAGE S.A.	United States
RENC	RENAISSANCE SECURITIES (CYPRUS) LIMITED	Cyprus
RESE	EBS MTF - RESET	Netherlands
RESF	EBS MTF - RESET SEGMENT	Netherlands
REST	NEX SEF MTF - RESET - RISK MITIGATION SERVICES	United Kingdom
RFBK	RAIFFEISENBANK, AS.	Czech Republic
RFIM	REAL FORTUNE INVESTMENT L.L.C	United Arab Emirates
RFQN	MARKETAXESS NL B.V. - RFQ HUB	Netherlands
RFQS	MARKETAXESS SINGAPORE PTE LIMITED - RFQ - HUB	Singapore
RFQU	MARKETAXESS EUROPE LIMITED - RFQ - HUB	United Kingdom
RICD	RIVERCROSS DARK	United States
RIX	RIVERCROSS	United States
RITS	REFINITIV - FORWARDS MATCHING	India
RLBO	RAIFFEISENLANDESBANK OBER STERREICH	Austria
RMMS	RMB MORGAN STANLEY	South Africa
RMMX	RMB MORGAN STANLEY - INVENTORY MANAGER	South Africa
RMTF	REFINITIV MTF	Ireland
RMTS	MTS ISRAEL	United Kingdom
ROCO	TAIPEI EXCHANGE	Taiwan
ROFX	ROSARIO FUTURE EXCHANGE	Argentina
ROSR	SIX REPO AG	Switzerland
ROTC	RWANDA OTC MARKET	Rwanda
RPDX	MOSCOW ENERGY EXCHANGE	Russia
RPWC	WARSAW STOCK EXCHANGE/BONDS/CATALYST/BONDSPOT/REGU	Poland
RR4G	ROUTE4GAS	Netherlands

CODE	NAME	COUNTRY
RRSI	RAIFFEISEN BANK S.A. (ROMANIA)	Romania
RSEX	RWANDA STOCK EXCHANGE	Rwanda
RTSI	RBC INVESTOR SERVICES TRUST - SYSTEMATIC INTERNALI	United Kingdom
RTSL	REFINITIV TRANSACTIONS SERVICES LIMITED	United Kingdom
RTSP	REFINITIV TRANSACTION SERVICES PTE. LTD	Singapore
RTSX	MOSCOW EXCHANGE - DERIVATIVES MARKET	Russia
RTXF	RTX FINTECH AND RESEARCH	United States
RULE	RULEMATCH	Switzerland
RUSX	NON-PROFIT PARTNERSHIP FOR THE DEVELOPMENT OF FINA	Russia
RVSA	RAIFFEISENVERBAND SALZBURG	Austria
S3FM	SOCIETY3 FUNDERSMART	Switzerland
SAGE	SAGETRADER	United States
SANT	BANCO SANTANDER S.A.	Spain
SB1M	SPAREBANK 1 MARKETS	Norway
SBAR	BOLSA DE BARCELONA RENTA FIJA	Spain
SBEX	SCOTIABANK	United Kingdom
SBIJ	JAPANNEXT - J - MARKET	Japan
SBIL	BOLSA DE BILBAO RENTA FIJA	Spain
SBIU	JAPANNEXT - U - MARKET	Japan
SBIV	JAPANNEXT - VWAP CROSSING	Japan
SBMF	SPOT REGULATED MARKET - BMFMS	Romania
SBSI	SYDBANK A/S	Denmark
SCAG	STANDARD CHARTERED BANK AG	Germany
SCLB	SCALABLE CAPITAL	Germany
SCLE	BME SCALEUP	Spain
SCOT	SCOTTISH STOCK EXCHANGE	United Kingdom
SCXA	SEED DIGITAL SECURITIES MARKET	United States
SCXF	SEED FUTURES	United States
SCXM	SEED DIGITAL COMMODITIES MARKET	United States
SCXO	SEED CX	United States
SCXS	SEED SEF	United States
SEBA	STIFEL EUROPE BANK AG	Germany
SEBL	SEB LITHUANIA	Lithuania
SEBS	SEB	Sweden
SEBX	SEB - LIQUIDITY POOL	Sweden
SECC	SECDEX CLEARING LIMITED	Seychelles
SECD	SECDEX DEPOSITORY LIMITED	Seychelles
SECE	SECDEX EXCHANGE LIMITED	Seychelles
SECF	SECFINEX	United Kingdom
SEDC	SECDEX DIGITAL CUSTODIAN LIMITED	Seychelles
SEDR	SEEDRS - SECONDARY MARKET	United Kingdom
SEDX	SECURITISED DERIVATIVES MARKET	Italy
SEED	NASDAQ STOCKHOLM AB - SWEDISH EQ DERIVATIVES	Sweden
SELC	SISTEMA ESPECIAL DE LIQUIDACAO E CUSTODIA DE TITUL	Brazil
SEMX	SEMOPX	Ireland
SEND	SEND - SISTEMA ELECTRONICO DE NEGOCIACION DE DEUDA	Spain
SEOB	NASDAQ STOCKHOLM AB - OTC SEK WB EQ DERIVATIVES	Sweden
SEPE	STOCK EXCHANGE PERSPECTIVA	Ukraine
SEWB	NASDAQ STOCKHOLM AB - SEK WB EQ DERIVATIVES	Sweden
SFCL	SWISSCANTO FUNDS CENTRE LIMITED	United Kingdom
SFMP	FIS SECURITIES FINANCE MATCHING PLATFORM	United Kingdom
SFOX	SFOX	United States



CODE	NAME	COUNTRY
SGA2	SG AMERICAS SECURITIES, LLC - SECOND VENUE	United States
SGAS	SG AMERICAS SECURITIES, LLC	United States
SGEX	SHANGHAI GOLD EXCHANGE	China
SGMA	GOLDMAN SACH MTF	United States
SGMT	SIGMA X2	United States
SGMU	SIGMA X EUROPE NON-DISPLAYED BOOK	France
SGMV	SIGMA X EUROPE AUCTION BOOK	France
SGMW	SIGMA X EUROPE NEGOTIATED TRADE	France
SGMX	SIGMA X MTF NON-DISPLAYED BOOK	United Kingdom
SGMY	SIGMA X MTF - AUCTION BOOK	United Kingdom
SGMZ	SIGMA X MTF - NEGOTIATED TRADE	United Kingdom
SGOE	SG OPTION EUROPE	France
SHAD	D.E. SHAW DARK	United States
SHAR	ASSET MATCH	United Kingdom
SHAW	D.E. SHAW	United States
SHSC	STOCK EXCHANGE OF HONG KONG LIMITED - SHANGHAI - H	Hong Kong
SIAB	ALIOR BANK	Poland
SIBC	SIB CYPRUS LTD	Cyprus
SICS	CREDIT SUISSE SECURITIES (EUROPE) LIMITED	United Kingdom
SIDX	SCOTIABANK (IRELAND) DESIGNATED ACTIVITY COMPANY	Ireland
SIFX	SIEGE FX LIMITED	United Kingdom
SIGA	SIGMA X AUSTRALIA	Australia
SIGH	SIGMA X HONG KONG	Hong Kong
SIGJ	SIGMA X JAPAN	Japan
SIGX	SIGMA X CANADA	United States
SIMD	CREDIT SUISSE BANK (EUROPE), S.A. - SYSTEMATIC INT	Spain
SIMV	SIM VENTURE SECURITIES EXCHANGE	Australia
SISI	SUSQUEHANNA INTERNATIONAL SECURITIES LIMITED	Ireland
SISU	SUSQUEHANNA INTERNATIONAL SECURITIES LIMITED - LON	United Kingdom
SKBB	SKB BANKA D.D. LJUBLJANA	Slovenia
SKSI	SPAREKASSEN KRONJYLLAND	Denmark
SKYX	SKYTRA	United Kingdom
SLHB	SALZBURGER LANDES-HYPOTHEKENBANK	Austria
SLKK	MTS SLOVAKIA	United Kingdom
SLXT	SL-X - SECURITIES LENDING MTF	United Kingdom
SMBB	SUMITOMO MITSUI BANKING CORPORATION - BRUSSELS BRA	Belgium
SMBC	SMBC NIKKO SNET DARKPOOL	Japan
SMBD	SUMITOMO MITSUI BANKING CORPORATION - DUESSELDORF	Germany
SMBE	SUMITOMO MITSUI BANKING CORPORATION EUROPE LIMITED	United Kingdom
SMBG	SUMITOMO MITSUI BANKING CORPORATION - LONDON BRANC	United Kingdom
SMBP	SUMITOMO MITSUI BANKING CORPORATION EUROPE LIMITED	France
SMEX	SINGAPORE MERCANTILE EXCHANGE PTE LTD	Singapore
SMFE	SMALL EXCHANGE, INC - DESIGNATED CONTRACT MARKET	United States
SMFF	SMBC BANK EU AG	Germany
SMTS	MTS SPAIN	United Kingdom
SNSI	SPAR NORD BANK	Denmark
SNUK	SANTANDER UK	United Kingdom
SOHO	TWO SIGMA SECURITIES, LLC	United States
SPAD	SPAD TRADING	Czech Republic
SPAX	SPECTRAXE	United States
SPBE	SPB EXCHANGE - ALL MARKETS	Russia
SPDK	SPOTLIGHT STOCK MARKET DENMARK	Sweden

CODE	NAME	COUNTRY
SPDX	SPREADDEX	United Kingdom
SPEC	MAREX SPECTRON INTERNATIONAL LIMITED OTF	United Kingdom
SPEU	SPOTLIGHT STOCK MARKET EUROPE	Sweden
SPEX	SPECTRUM MARKETS	Germany
SPFI	SPOTLIGHT STOCK MARKET FINLAND	Sweden
SPHR	MIAX SAPPHIRE, LLC	United States
SPIM	ST. PETERSBURG INTERNATIONAL MERCANTILE EXCHANGE	Russia
SPNO	SPOTLIGHT STOCK MARKET NORWAY	Sweden
SPRZ	SPREADZERO	United Kingdom
SPTR	SPAREBANK 1 SMN	Norway
SPTX	SPOT FX	United States
SPXE	SPX	Slovakia
SQUA	SQUARE GLOBAL - OTF	United Kingdom
SSBI	STATE STREET BANK INTERNATIONAL GMBH	Germany
SSBM	STATE STREET BANK INTERNATIONAL FX	Germany
SSBT	STATE STREET BANK AND TRUST COMPANY	United Kingdom
SSEX	SOCIAL STOCK EXCHANGE	United Kingdom
SSFY	STATE STREET BANK AND TRUST FX	United Kingdom
SSIL	STATE STREET BANK INTERNATIONAL FX - LONDON BRANCH	United Kingdom
SSME	FIRST NORTH SWEDEN - SME GROWTH MARKET	Sweden
SSOB	BONDVISION EUROPE MTF	Italy
SSTX	E-EXCHANGE	United States
SSWM	SSW MARKET MAKING	Germany
STAL	SCHNEIDER OTF	United Kingdom
STAN	STANDARD CHARTERED	United Kingdom
STEE	NASDAQ COMMODITIES - STEEL COMMODITY	Norway
STFL	STIFEL NICOLAUS EUROPE LIMITED	United Kingdom
STFU	STIFEL, NICOLAUS AND COMPANY, INCORPORATED	United States
STFX	STIFEL, NICOLAUS AND COMPANY, INCORPORATED	United States
STOX	STOXX LIMITED	Switzerland
STRM	PURESTREAM	United States
STRT	PRAGUE STOCK EXCHANGE - START (MTF)	Czech Republic
STSI	SUN TRADING INTERNATIONAL	United Kingdom
STUA	BOERSE STUTTGART - REGULIERTER MARKT	Germany
STUB	BOERSE STUTTGART - FREIVERKEHR	Germany
STUC	BOERSE STUTTGART - REGULIERTER MARKT - TECHNICAL P	Germany
STUD	BOERSE STUTTGART - FREIVERKEHR - TECHNICAL PLATFOR	Germany
STUE	BOERSE STUTTGART - REGULIERTER MARKT - TECHNICAL P	Germany
STUF	BOERSE STUTTGART - FREIVERKEHR - TECHNICAL PLATFOR	Germany
STUH	BOERSE STUTTGART - FREIVERKEHR - TECHNICAL PLATFOR	Germany
STXS	STX FIXED INCOME	Netherlands
SUNB	SUNRISE BROKERS	United Kingdom
SUNM	SUNRISE - MTF	United Kingdom
SUNO	SUNRISE - OTF	United Kingdom
SUNT	SUN TRADING LLC	United States
SVES	SVENSKA HANDELSBANKEN AB	Sweden
SVEX	SVENSKA HANDELSBANKEN AB - SVEX	Sweden
SVXI	SAINT VINCENT AND THE GRENADINES SECURITIES EXCHAN	Saint Vincent and the Grenadines
SWAP	SWAPSTREAM	United Kingdom
SWBI	SWEDBANK	Sweden
SWEE	SWEDBANK ESTONIA	Estonia
SWLT	SWEDBANK LITHUANIA	Lithuania

CODE	NAME	COUNTRY
SWLV	SWEDBANK LATVIA	Latvia
SXSI	SAXO BANK A/S	Denmark
SYFX	SYNOPTION	Singapore
SYNK	SYNKRONY EXCHANGE	Italy
SZSC	STOCK EXCHANGE OF HONG KONG LIMITED - SHENZHEN - H	Hong Kong
T212	TRADING 212 LIMITED	Bulgaria
TBEN	TULLETT PREBON PLC - TP ENERGY	United Kingdom
TBLA	TULLETT PREBON PLC - TP TRADEBLADE	United Kingdom
TBSA	WARSAW STOCK EXCHANGE/BONDS/TREASURY BOND/BONDSPOT	Poland
TBSP	WARSAW STOCK EXCHANGE/BONDS/BONDSPOT/TREASURY BOND	Poland
TCDS	TRADITION OTF	United Kingdom
TCME	TFS CME DIRECT	United Kingdom
TCML	TIDE CM	United Kingdom
TDBL	TORONTO DOMINION BANK - LONDON BRANCH	United Kingdom
TDGF	TD SECURITIES	Ireland
TDON	TRADITION PARIS - TSAF	France
TDXS	TAURUS TDX	Switzerland
TECO	TP ICAP E AND C OTF - COMMODITY AND ENERGY DERIV	United Kingdom
TEEG	TULLETT PREBON SECURITIES - OTF - EUROPEAN GOVERNMENT	United Kingdom
TEFD	TULLETT PREBON EUROPE - MTF - FX DERIVATIVES	United Kingdom
TEFX	TULLETT PREBON EUROPE - OTF - FX DERIVATIVES	United Kingdom
TEGB	TULLETT PREBON EUROPE - OTF - GOVERNMENT BONDS EXC	United Kingdom
TEGI	TULLETT PREBON EUROPE - OTF - GOVERNMENT BONDS - U	United Kingdom
TEIR	TULLETT PREBON EUROPE - OTF - INTEREST RATE DERIVA	United Kingdom
TEMB	TULLETT PREBON EUROPE - MTF - GOVERNMENT BONDS EX	United Kingdom
TEMC	TULLETT PREBON EUROPE - MTF - COMMODITIES AND ENE	United Kingdom
TEMF	TULLETT PREBON EUROPE - MTF - CORPORATE BONDS AND	United Kingdom
TEMG	TULLETT PREBON EUROPE - MTF - GOVERNMENT BONDS -	United Kingdom
TEMI	TULLETT PREBON EUROPE - MTF - MONEY MARKETS	United Kingdom
TEMM	TULLETT PREBON EUROPE - OTF - MONEY MARKET INSTRUM	United Kingdom
TEMR	TULLETT PREBON EUROPE - MTF - REPOS	United Kingdom
TEOF	TULLETT PREBON EUROPE - OTF - PREBON FX DERIVATIVE	United Kingdom
TEPF	TULLETT PREBON EUROPE - OTF - PARIS - CORPORATE BO	France
TEPG	TULLETT PREBON EUROPE - OTF - PARIS - GOVERNMENT B	France
TEPI	TULLETT PREBON EUROPE - OTF - PARIS - INTEREST RAT	France
TEPM	TULLETT PREBON EUROPE - OTF - PARIS - MONEY MARKET	France
TEPR	TULLETT PREBON EUROPE - OTF - PARIS - REPOS	France
TEPX	TULLETT PREBON EUROPE - OTF - PARIS - FX DERIVATIV	France
TERA	RADIAL-X	United States
TERE	TULLETT PREBON EUROPE - OTF - REPOS	United Kingdom
TERM	TP ICAP FX HUB	Singapore
TEUR	TRADITION ESPANA OTF	Spain
TFEX	THAILAND FUTURES EXCHANGE	Thailand
TFSA	TFS GREEN AUSTRALIAN GREEN MARKETS	Singapore
TFSC	TFS GREEN CARBON CREDIT GLOBAL MARKETS	United Kingdom
TFSD	T.F.S. DERIVATIVES HK LIMITED	Hong Kong
TFSE	TFS GREEN EUROPEAN GREEN MARKETS	United Kingdom
TFSG	TRADITION ENERGY	United Kingdom
TFSS	TFS VARIANCE SWAPS SYSTEM	United Kingdom
TFSU	TFS GREEN UNITED STATES GREEN MARKETS	United States
TFSV	VOLBROKER	United Kingdom
TGAT	TRADEGATE EXCHANGE	Germany

CODE	NAME	COUNTRY
TGSI	TRADEGATE AG - SYSTEMATIC INTERNALISER	Germany
THEM	THEMIS TRADING LLC	United States
THRD	THIRD MARKET CORPORATION	United States
THRE	REFINITIV US SEF LLC	United States
TICT	TOTAN ICAP CO. LTD	Japan
TIRD	TULLETT PREBON EUROPE - MTF - INTEREST RATE DERIVA	United Kingdom
TLAB	TRADINGLAB	Italy
TLCM	LOUIS CAPITAL MARKETS EU	France
TMCC	ICE TMC	United States
TMCY	TRADING 212 MARKETS LIMITED	Cyprus
TMEU	TRUMID EU MTF	Ireland
TMEX	TURKISH MERCANTILE EXCHANGE	Turkey
TMID	TRUMID ATS	United States
TMTS	EUROBENCHMARK TRES. BILLS	United Kingdom
TMUK	TRUMID UK MTF	United Kingdom
TMXS	TMX SELECT	Canada
TNLA	EURONEXT - TRADED BUT NOT LISTED AMSTERDAM	Netherlands
TNLB	EURONEXT - TRADING FACILITY BRUSSELS	Belgium
TNLK	EURONEXT BLOCKS	Belgium
TNLL	EURONEXT - TRADING FACILITY LONDON	United Kingdom
TOCP	TORA CROSSPOINT	Hong Kong
TOMD	TOM MTF DERIVATIVES MARKET	Netherlands
TOMF	TULLETT PREBON EUROPE - OTF - MADRID - CORPORATE B	Spain
TOMG	TULLETT PREBON EUROPE - OTF - MADRID - GOVERNMENT	Spain
TOMX	TOM MTF CASH MARKETS	Netherlands
TOWR	TOWER RESEARCH CAPITAL EUROPE	Netherlands
TPCD	TULLETT PREBON PLC - TP CREDITDEAL	United Kingdom
TPDA	TP ICAP - UK - DIGITAL ASSETS - SPOT	United Kingdom
TPDE	TULLETT PREBON SECURITIES - FRANKFURT - OTF	Germany
TPEE	TP ICAP EU - MTF - EQUITY AND ETF	France
TPEL	TULLETT PREBON (EUROPE) LIMITED	United Kingdom
TPEO	TP ICAP E AND C OTF	United Kingdom
TPEQ	TULLETT PREBON PLC - TP EQUITYTRADE	United Kingdom
TPER	TULLETT PREBON EU OTF - REGISTRATION	France
TPES	TULLETT PREBON EUROPE - OTF - MADRID	Spain
TPEU	TULLETT PREBON EU OTF	France
TPFD	TULLETT PREBON PLC - TP FORWARDDEAL	United Kingdom
TPFR	TULLETT PREBON EUROPE - OTF - PARIS	France
TPIC	TP ICAP EU - MTF	France
TPID	TP ICAP - UK - DIGITAL ASSETS	United Kingdom
TPIE	THE PROPERTY INVESTMENT EXCHANGE	United Kingdom
TPIM	THE PROPERTY INVESTMENT MARKET	United Kingdom
TPIO	TP ICAP EU - MTF - ORDERBOOK	France
TPIR	TP ICAP EU - MTF - REGISTRATION	France
TPIS	TULLETT PREBON - INSTITUTIONAL SERVICES - OTF	United Kingdom
TPLF	TULLETT PREBON - INSTITUTIONAL SERVICES - LIQUIDIT	United Kingdom
TPMF	TULLETT PREBON - INSTITUTIONAL SERVICES - MIREXA -	United Kingdom
TPMG	TULLETT PREBON - INSTITUTIONAL SERVICES - MIREXA -	United Kingdom
TPRE	TULLETT PREBON PLC - TP REPO	United Kingdom
TPSB	TP ICAP SEF	United States
TPSD	TULLETT PREBON PLC - TP SWAPDEAL	United Kingdom
TPSE	TP SEF, INC.	United States

CODE	NAME	COUNTRY
TPSG	TP ICAP RMO	Singapore
TPSL	TULLETT PREBON SECURITIES - MTF	United Kingdom
TPSO	TP UK OTF	United Kingdom
TPSP	TULLETT PREBON PLC - TP SPOTDEAL	United Kingdom
TPSV	TPSEF, INC - VOICE	United States
TPSY	TULLETT PREBON - INSTITUTIONAL SERVICES - TPSYNREX	United Kingdom
TQEA	TURQUOISE EUROPE - LIT AUCTIONS	Netherlands
TQEB	TURQUOISE EUROPE - NYLON CASH ORDER BOOK	Netherlands
TQEM	TURQUOISE EUROPE - DARK	Netherlands
TQEX	TURQUOISE EUROPE	Netherlands
TRAI	TRAIANA INC	United States
TRAL	REFINITIV TRANSACTIONS SERVICES LIMITED - FXALL RF	United Kingdom
TRAS	TRADITION ASIA LIMITED	Hong Kong
TRAX	MARKETAXESS POST-TRADE LIMITED - APA	United Kingdom
TRBX	TRADE REPUBLIC BANK	Germany
TRCK	TRACK ECN	United States
TRCX	TOWER RESEARCH CAPITAL TRCX	United States
TRDC	TFS CURRENCIES PTE LTD	Singapore
TRDE	TRADITION	United Kingdom
TRDX	TRAD-X	United Kingdom
TREA	TRADEWEB EUROPE LIMITED - APA	United Kingdom
TREO	TRADEWEB EUROPE LIMITED - OTF	United Kingdom
TREU	TRADEWEB EUROPE LIMITED	United Kingdom
TRFW	REFINITIV TRANSACTION SERVICES LIMITED - FORWARDS	United Kingdom
TRFX	TRADEWEB FX OPTIONS	United States
TRNL	MARKETAXESS POST-TRADE B.V. - APA	Netherlands
TRPX	MERJ EXCHANGE LIMITED	Seychelles
TRQA	TURQUOISE LIT AUCTIONS	United Kingdom
TRQB	TURQUOISE NYLON CASH ORDER BOOK	United Kingdom
TRQC	TURQUOISE NYLON CLEARED CONTRACT	United Kingdom
TRQD	TURQUOISE DERIVATIVES MARKET	United Kingdom
TRQM	TURQUOISE PLATO	United Kingdom
TRQS	TURQUOISE SWAPMATCH	United Kingdom
TRQX	TURQUOISE	United Kingdom
TRSI	TOWER RESEARCH CAPITAL EUROPE LTD	United Kingdom
TRU1	TRUEEX LLC - DESIGNATED CONTRACT MARKET (DMC)	United States
TRU2	TRUEEX LLC - SEF (SWAP EXECUTION FACILITY)	United States
TRUK	TRADING 212 UK LIMITED	United Kingdom
TRUX	TRUEEX LLC	United States
TRWB	TRADEWEB LLC	United States
TRXE	TRAD-X EUROPE	France
TSAD	TRADITION SECURITIES AND DERIVATIVES INC.	United States
TSAF	TSAF OTC - OTF	France
TSBX	DBOT ATS, LLC	United States
TSCB	TP UK OTF - CORPORATE BONDS	United Kingdom
TSCD	TP UK OTF - CREDIT DERIVATIVES	United Kingdom
TSED	TP UK OTF - EQUITY DERIVATIVES	United Kingdom
TSEF	TRADITION SEF	United States
TSFF	TULLETT PREBON SECURITIES - FRANKFURT - OTF - CORP	Germany
TSFG	TULLETT PREBON SECURITIES - FRANKFURT - OTF - GOVE	Germany
TSFI	TP UK OTF - CORPORATE BONDS AND SECURITISED DEBT	United Kingdom
TSFX	TP UK OTF - FX DERIVATIVES	United Kingdom

CODE	NAME	COUNTRY
TSGB	TP UK OTF - GOVERNMENT BONDS EXCLUDING UK GILTS	United Kingdom
TSGI	TP UK OTF - GOVERNMENT BONDS - UK GILTS	United Kingdom
TSIG	TRADITION SINGAPORE PTE. LTD.	Singapore
TSIR	TP UK OTF - INTEREST RATE DERIVATIVES	United Kingdom
TSMB	TULLETT PREBON SECURITIES - MTF - CORPORATE BONDS	United Kingdom
TSMC	TULLETT PREBON SECURITIES - MTF - CREDIT DERIVATIV	United Kingdom
TSMG	TULLETT PREBON SECURITIES - MTF - GOVERNMENT BONDS	United Kingdom
TSMI	TULLETT PREBON SECURITIES - MTF - MONEY MARKET INS	United Kingdom
TSMH	TP UK OTF - MONEY MARKET INSTRUMENTS	United Kingdom
TSMR	TULLETT PREBON SECURITIES - MTF - REPOS	United Kingdom
TSRE	TP UK OTF - REPOS	United Kingdom
TSUK	TULLETT PREBON SECURITIES - MTF - GOVERNMENT BONDS	United Kingdom
TUOB	TP UK OTF - ORDERBOOK	United Kingdom
TWEA	TRADEWEB EU BV - APA	Netherlands
TWEM	TRADEWEB EU BV - MTF	Netherlands
TWEO	TRADEWEB EU BV - OTF	Netherlands
TWEU	TRADEWEB EU BV	Netherlands
TWGP	TRADEWEB EUROPE LIMITED - GLOBAL TRADING PLATFORM	United Kingdom
TWHK	TRADEWEB EUROPE LIMITED - HONG KONG	Hong Kong
TWJP	TRADEWEB JAPAN KK - PTS	Japan
TWJT	TRADEWEB JAPAN KK - ETP	Japan
TWSF	TW SEF LLC	United States
TWSG	TRADEWEB EUROPE LIMITED - SINGAPORE	Singapore
U360	360 TRADING NETWORKS INC.	United States
UBCZ	UNICREDIT BANK CZECH REPUBLIC AND SLOVAKIA, A.S.	Czech Republic
UBEC	UNIVERSAL BARTER EXCHANGE CREDIT UNION	United States
UBIM	UBI BANCA	Italy
UBIN	UNION BANK OF INDIA UK LTD	United Kingdom
UBIS	UNIPOL BANCA S.P.A.	Italy
UBSA	UBS ATS	United States
UBSB	UBS AG LONDON BRANCH - TRADING	United Kingdom
UBSC	UBS PIN-FX	Switzerland
UBSD	UBS EUROPE SE	Germany
UBSE	UBS PIN (EMEA)	United Kingdom
UBSF	UBS FX	Switzerland
UBSG	UBS TRADING	Switzerland
UBSI	UBS EUROPE SE	Germany
UBSL	UBS EUROPE SE - TRADING	Germany
UBSP	UBS PIN (UBS PRICE IMPROVEMENT NETWORK)	United States
UBSS	UBS SECURITIES LLC	United States
UBST	UBS TRADING	Switzerland
UBSX	UBS CROSS	Hong Kong
UBSY	UBS AG LONDON BRANCH	United Kingdom
UCBA	UNICREDIT BANK AUSTRIA AG	Austria
UCBG	UNICREDIT BULBANK AD	Bulgaria
UCDE	UNICREDIT BANK AG	Germany
UCHU	UNICREDIT BANK HUNGARY ZRT.	Hungary
UCIT	UNICREDIT SPA	Italy
UFEX	UFEX	Uruguay
UGEN	UNITEDBLOCKTRADE	United Kingdom
UICE	UKRAINIAN INTERBANK CURRENCY EXCHANGE	Ukraine
UKCA	CREDIT AGRICOLE CIB UK BRANCH	United Kingdom

CODE	NAME	COUNTRY
UKEX	UKRAINIAN EXCHANGE	Ukraine
UKGD	MTS UK	United Kingdom
UKOR	TP ICAP UK MTF - ORDERBOOK	United Kingdom
UKPX	EPEX SPOT	United Kingdom
UKRE	TP ICAP UK MTF - REGISTRATION	United Kingdom
ULTX	ALT XCHANGE (U)	Uganda
UMTS	MTS CEDULAS MARKET	United Kingdom
UNGB	UNICREDIT BANK AG - LONDON BRANCH - UK	United Kingdom
URCE	REGIONAL EXCHANGE CENTRE - MICEX URAL	Russia
USEF	360 TRADING NETWORKS INC.	United States
USOB	NASDAQ STOCKHOLM AB - OTC USD WB EQ DERIVATIVES	Sweden
USWB	NASDAQ STOCKHOLM AB - USD WB EQ DERIVATIVES	Sweden
USWP	EUROMTS LIMITED	United Kingdom
UTSL	UEDA TRADITION SECURITIES LTD.	Japan
VABD	ICE BONDPOINT	United States
VAGL	VIRTUAL AUCTION GLOBAL LIMITED	United Kingdom
VAGM	VIRTUAL AUCTION GLOBAL MARKETS - MTF	United Kingdom
VALX	VIRTU CLIENT MARKET MAKING	United States
VCMO	VANTAGE CAPITAL MARKETS LLP - OTF	United Kingdom
VCRS	VIRTU MATCHIT - CONDITIONAL ROOM	United States
VDRK	TSX VENTURE EXCHANGE - DRK	Canada
VEGA	VEGA-CHI	United Kingdom
VERT	VERTICAL	United States
VFCM	VIRTU FINANCIAL CAPITAL MARKETS LLC	United States
VFEX	VICTORIA FALLS STOCK EXCHANGE	Zimbabwe
VFGB	VIRTU FINANCIAL IRELAND LIMITED (LONDON BRANCH)	United Kingdom
VFIL	VIRTU FINANCIAL IRELAND LIMITED	Ireland
VFMI	VIRTU MATCHIT - MAIN CROSSING SESSION	United States
VFSI	VIRTU FINANCIAL IRELAND LIMITED - SYSTEMATIC INTER	Ireland
VFUK	VIRTU FINANCIAL IRELAND LIMITED (LONDON BRANCH)	United Kingdom
VFXO	VIRTU FINANCIAL IRELAND LIMITED - OTC	Ireland
VIRT	VIRTU FINANCIAL BD	United States
VIUK	POSIT UK	United Kingdom
VKAB	KABU.COMPTS-VWAP	Japan
VLEX	VONTOBEL LIQUIDITY EXTENDER	Switzerland
VMEX	VENOMEX LIMITED	United Arab Emirates
VMFX	THE FAROESE SECURITIES MARKET	Faroe Islands
VMTS	MTS SLOVENIA	United Kingdom
VNDM	WALL STREET ACCESS NYC - VNDM	United States
VOLA	TRADITION - VOLATIS	United Kingdom
VONT	BANK VONTOBEL EUROPE AG	Germany
VPXB	EURONEXT - VENTES PUBLIQUES BRUSSELS	Belgium
VRXP	NYSE EURONEXT - COMPARTIMENT DES VALEURS RADIEES P	France
VTBC	VTB CAPITAL PLC	United Kingdom
VTEX	VORTEX	United States
VTLS	TRADELINK	Germany
VTPS	TRADEPLUS	Germany
VUBA	VSEOBECNA UVEROVA BANKA, AS	Slovakia
VUSA	VIRTU AMERICAS LLC	United States
VWAP	CBOE EUROPE EQUITIES - NL	Netherlands
VWDA	VWD - APA SERVICE	Germany
VWDX	VWD TRANSACTION SOLUTIONS AG	Germany

CODE	NAME	COUNTRY
WABR	WALL STREET ACCESS NYC	United States
WBAH	WIENER BOERSE AG AMTLICHER HANDEL (OFFICIAL MARKET	Austria
WBCL	WARSAW STOCK EXCHANGE/BONDS/CATALYST/LISTING	Poland
WBDM	WIENER BOERSE AG VIENNA MTF (VIENNA MTF)	Austria
WBGF	WIENER BOERSE AG GEREGLTER FREIVERKEHR (SECOND RE	Austria
WBKP	BANK ZACHODNI WBK S.A.	Poland
WBLC	WARSAW STOCK EXCHANGE/BONDS/CATALYST/LISTING	Poland
WBMA	WIENER BOERSE AG MIDPOINT AMTLICHER HANDEL (OFFICI	Austria
WBN	WARSAW STOCK EXCHANGE/ BONDS/CATALYST/MAIN MARKET	Poland
WCDE	WARSAW STOCK EXCHANGE/COMMODITY DERIVATIVES	Poland
WCLK	ICAP WCLK	United Kingdom
WDER	WARSAW STOCK EXCHANGE/FINANCIAL DERIVATIVES	Poland
WEED	WEEDEN AND CO MARKETS	United States
WELN	WEL	United Kingdom
WELS	WELLS FARGO SECURITIES, LLC - EQUITIES	United States
WELX	WELLS FARGO LIQUIDITY CROSS ATS	United States
WETP	WARSAW STOCK EXCHANGE/ ETPS	Poland
WFLB	WELLS FARGO BANK NA - LONDON BRANCH	United Kingdom
WFLP	WELLS FARGO SECURITIES, LLC - EQUITIES - LIQUIDITY	United States
WFSE	WELLS FARGO SECURITIES EUROPE, S.A.	France
WGAS	WARSAW STOCK EXCHANGE/COMMODITIES/POLISH POWER EXC	Poland
WIND	WARSAW STOCK EXCHANGE/INDICES	Poland
WINS	WINTERFLOOD SECURITIES LIMITED - ELECTRONIC PLATFO	United Kingdom
WINX	WINTERFLOOD SECURITIES LIMITED - MANUAL TRADING	United Kingdom
WIPO	WARSAW STOCK EXCHANGE - OTHER THAN XOFF OR XXXX	Poland
WMTF	WARSAW STOCK EXCHANGE/BONDS/CATALYST/MTF	Poland
WOOD	WOOD AND COMPANY FINANCIAL SERVICES, A.S.	Czech Republic
WOPO	WARSAW STOCK EXCHANGE - SPO BOOK BUILDING	Poland
WQXL	EURONEXT - MARKET WITHOUT QUOTATIONS LISBON	Portugal
WSAG	WALL STREET ACCESS	United States
WSIL	WELLS FARGO SECURITIES INTERNATIONAL	United Kingdom
WSIN	WESTPAC BANKING CORPORATION	United Kingdom
XA1X	A1	Argentina
XABC	ABG SUNDAL COLLIER AB	Sweden
XABG	ABG SUNDAL COLLIER ASA	Norway
XABJ	BOURSE DES VALEURS ABIDJAN	Ivory Coast
XABX	ABAXX EXCHANGE	Singapore
XACE	AMSTERDAM COMMODITY EXCHANGE	Netherlands
XADE	ATHENS EXCHANGE S.A. DERIVATIVES MARKET	Greece
XADF	FINRA ALTERNATIVE DISPLAY FACILITY (ADF)	United States
XADS	ABU DHABI SECURITIES EXCHANGE	United Arab Emirates
XAEX	AEX-AGRICULTURAL FUTURES EXCHANGE	Netherlands
XAFR	ALTERNATIVA FRANCE	France
XAFX	AFRICAN STOCK EXCHANGE	Mauritius
XAIM	AIM ITALIA - MERCATO ALTERNATIVO DEL CAPITALE	Italy
XALB	ALBERTA STOCK EXCHANGE, THE	Canada
XALG	ALGIERS STOCK EXCHANGE	Algeria
XALS	ALBANIA SECURITIES EXCHANGE	Albania
XALT	ALTEX - ATS	United Kingdom
XAMM	AMMAN STOCK EXCHANGE	Jordan
XAMS	EURONEXT - EURONEXT AMSTERDAM	Netherlands
XAND	ASIANEXT DERIVATIVES	Singapore



CODE	NAME	COUNTRY
XANM	ASIANEXT TOKEN MARKETPLACE	Singapore
XANS	ASIANEXT CRYPTO SPOT	Singapore
XANT	BEURS VAN ANTWERPEN (ANTWERP STOCK EXCHANGE)	Belgium
XAOM	AUSTRALIAN OPTIONS MARKET	Australia
XAPA	EURONEXT - APA	France
XAPI	REGIONAL EXCHANGE CENTRE - MICEX FAR EAST	Russia
XAQS	AUTOMATED EQUITY FINANCE MARKETS	United States
XARC	THE ARCHIPELAGO ECN	United States
XARM	ARMENIA SECURITIES EXCHANGE	Armenia
XASE	NYSE MKT LLC	United States
XASM	IRISH STOCK EXCHANGE - GLOBAL EXCHANGE MARKET	Ireland
XASX	ASX - ALL MARKETS	Australia
XATH	ATHENS EXCHANGE S.A. CASH MARKET	Greece
XATL	ATLANTIC SECURITIES MARKET	Ireland
XATS	ALPHA EXCHANGE	Canada
XATX	ALPHA-X	Canada
XAUK	NEW ZEALAND STOCK EXCHANGE - AUCKLAND	New Zealand
XAZX	ARIZONA STOCK EXCHANGE	United States
XBAA	BAHAMAS INTERNATIONAL SECURITIES EXCHANGE	Bahamas
XBAB	BARBADOS STOCK EXCHANGE	Barbados
XBAH	BAHRAIN BOURSE	Bahrain
XBAN	BANGALORE STOCK EXCHANGE LTD	India
XBAR	BOLSA DE BARCELONA	Spain
XBAV	MERCHBOLSA AGENCIA DE VALORES, S.A.	Spain
XBBF	BOLSA BRASILIERA DE FUTUROS	Brazil
XBBJ	JAKARTA FUTURES EXCHANGE (BURSA BERJANGKA JAKARTA)	Indonesia
XBBK	PERIMETER FINANCIAL CORP. - BLOCKBOOK ATS	Canada
XBCC	BOLSA DE COMERCIO DE CORDOBA	Argentina
XBCE	BUDAPEST COMMODITY EXCHANGE	Hungary
XBCL	LA BOLSA ELECTRONICA DE CHILE	Chile
XBCM	BOLSA DE COMERCIO DE MENDOZA S.A.	Argentina
XBCV	BOLSA CENTROAMERICANA DE VALORES S.A.	Honduras
XBCX	MERCADO DE VALORES DE MENDOZA S.A.	Argentina
XBDA	BERMUDA STOCK EXCHANGE LTD	Bermuda
XBDV	BOLSA DE DIVIDA E VALORES DE ANGOLA (BODIVA) - ANG	Angola
XBEL	BELGRADE STOCK EXCHANGE	Serbia
XBER	BOERSE BERLIN	Germany
XBES	JSE CASH BOND MARKET	South Africa
XBEY	BOURSE DE BEYROUTH - BEIRUT STOCK EXCHANGE	Lebanon
XBFO	BELGIAN FUTURES AND OPTIONS EXCHANGE	Belgium
XBIL	BOLSA DE VALORES DE BILBAO	Spain
XBIS	BARBADOS STOCK EXCHANGE - INTERNATIONAL SECURITIES	Barbados
XBKF	STOCK EXCHANGE OF THAILAND - FOREIGN BOARD	Thailand
XBKK	STOCK EXCHANGE OF THAILAND	Thailand
XBLB	BANJA LUKA STOCK EXCHANGE	Bosnia and Herzegovina
XBLK	EURONEXT BLOCK 2	France
XBLN	BLUENEXT	France
XBMF	BOLSA DE MERCADORIAS E FUTUROS	Brazil
XBMK	BONDMART	United States
XBND	BUDAPEST STOCK EXCHANGE - XBOND	Hungary
XBNV	BOLSA NACIONAL DE VALORES, S.A.	Costa rica
XBOG	BOLSA DE VALORES DE COLOMBIA	Colombia

CODE	NAME	COUNTRY
XBOL	BOLSA BOLIVIANA DE VALORES S.A.	Bolivia
XBOM	BSE LTD	India
XBOS	NASDAQ OMX BX	United States
XBOT	BOTSWANA STOCK EXCHANGE	Botswana
XBOX	BOX OPTIONS EXCHANGE	United States
XBRA	BRATISLAVA STOCK EXCHANGE	Slovakia
XBRD	EURONEXT - EURONEXT BRUSSELS - DERIVATIVES	Belgium
XBRE	BREMER WERTPAPIERBOERSE	Germany
XBRM	ROMANIAN COMMODITIES EXCHANGE	Romania
XBRN	BX SWISS AG	Switzerland
XBRT	BRUT ECN	United States
XBRU	EURONEXT - EURONEXT BRUSSELS	Belgium
XBRV	BOURSE REGIONALE DES VALEURS MOBILIERES	Ivory Coast
XBRY	XBERRY	Poland
XBSD	DERIVATIVES REGULATED MARKET - BVB	Romania
XBSE	SPOT REGULATED MARKET - BVB	Romania
XBSP	BOLSA DE VALORES DE SAO PAULO	Brazil
XBTF	BROKERTEC FUTURES EXCHANGE	United States
XBTR	SIX SWISS BILATERAL TRADING PLATFORM FOR STRUCTURE	Switzerland
XBUD	BUDAPEST STOCK EXCHANGE	Hungary
XBUE	BOLSA DE COMERCIO DE BUENOS AIRES	Argentina
XBUL	BULGARIAN STOCK EXCHANGE	Bulgaria
XBVC	CAPE VERDE STOCK EXCHANGE	Cape Verde
XBVM	MOZAMBIQUE STOCK EXCHANGE	Mozambique
XBVP	BOLSA DE VALORES DO PARANA	Brazil
XBVR	BOLSA DE VALORES DE LA REPUBLICA DOMINICANA SA.	Dominican Republic
XBXO	NASDAQ OMX BX OPTIONS	United States
XCAI	EGYPTIAN EXCHANGE	Egypt
XCAL	CALCUTTA STOCK EXCHANGE	India
XCAN	CAN - ATS	Romania
XCAR	BOLSA DE VALORES DE CARACAS	Venezuela
XCAS	CASABLANCA STOCK EXCHANGE	Morocco
XCAY	CAYMAN ISLANDS STOCK EXCHANGE	Cayman Islands
XCBD	CBOE DIGITAL EXCHANGE	United States
XCBF	CBOE FUTURES EXCHANGE	United States
XCBO	CBOE GLOBAL MARKETS INC.	United States
XCBT	CHICAGO BOARD OF TRADE	United States
XCCE	CHUBU COMMODITY EXCHANGE	Japan
XCCX	CHICAGO CLIMATE EXCHANGE, INC	United States
XCDE	BAXTER FINANCIAL SERVICES	Ireland
XCEC	COMMODITIES EXCHANGE CENTER	United States
XCEG	WIENER BOERSE AG, CEGH GAS EXCHANGE	Austria
XCET	UZBEK COMMODITY EXCHANGE	Uzbekistan
XCFE	CHINA FOREIGN EXCHANGE TRADE SYSTEM	China
XCFF	CANTOR FINANCIAL FUTURES EXCHANGE	United States
XCGS	CHINESE GOLD AND SILVER EXCHANGE SOCIETY	Hong Kong
XCHG	CHITTAGONG STOCK EXCHANGE LTD.	Bangladesh
XCHI	NYSE CHICAGO, INC.	United States
XCIE	THE INTERNATIONAL STOCK EXCHANGE	Guernsey
XCIS	NYSE NATIONAL, INC.	United States
XCME	CHICAGO MERCANTILE EXCHANGE	United States
XCNF	BOLSA DE COMERCIO CONFEDERADA S.A.	Argentina

CODE	NAME	COUNTRY
XCNQ	CANADIAN SECURITIES EXCHANGE	Canada
XCOL	COLOMBO STOCK EXCHANGE	Sri Lanka
XCOR	ICMA	United Kingdom
XCRC	CHICAGO RICE AND COTTON EXCHANGE	United States
XCRO	CROATIAN POWER EXCHANGE	Croatia
XCSC	NEW YORK COCOA, COFFEE AND SUGAR EXCHANGE	United States
XCSE	NASDAQ COPENHAGEN A/S	Denmark
XCSX	CAMBODIA SECURITIES EXCHANGE	Cambodia
XCTS	BOERSE STUTTGART - TECHNICAL PLATFORM 4	Germany
XCUE	UZBEKISTAN REPUBLICAN CURRENCY EXCHANGE	Uzbekistan
XCUR	CURRENEX	United States
XCVD	CEVALDOM - OTC MARKET	Dominican Republic
XCX2	CX2	Canada
XCXD	NASDAQ CXD	Canada
XCYO	CYPRUS STOCK EXCHANGE - OTC	Cyprus
XCYS	CYPRUS STOCK EXCHANGE	Cyprus
XDAR	DAR ES SALAAM STOCK EXCHANGE	Tanzania, United Republic of
XDBC	DEUTSCHE BOERSE AG - CUSTOMIZED INDICES	Germany
XDBV	DEUTSCHE BOERSE AG - VOLATILITY INDICES	Germany
XDBX	DEUTSCHE BOERSE AG - INDICES	Germany
XDCE	DALIAN COMMODITY EXCHANGE	China
XDES	DELHI STOCK EXCHANGE	India
XDEX	BOERSE STUTTGART - DIGITAL EXCHANGE	Germany
XDFB	JOINT-STOCK COMPANY â STOCK EXCHANGE INNEXâ	Ukraine
XDFM	DUBAI FINANCIAL MARKET	United Arab Emirates
XDHA	DHAKA STOCK EXCHANGE LTD	Bangladesh
XDLP	SIX SWISS EXCHANGE - DEAL POOL - BOOK BUILDING AND	Switzerland
XDMI	ITALIAN DERIVATIVES MARKET	Italy
XDNB	DNB BANK ASA	Norway
XDPA	CADE - MERCADO DE DEUDA PUBLICA ANOTADA	Spain
XDRF	AIAF - MERCADO DE RENTA FIJA	Spain
XDRK	TORONTO STOCK EXCHANGE - DRK	Canada
XDSE	DAMASCUS SECURITIES EXCHANGE	Syrian Arab Republic
XDSM	BORSA ISTANBUL - DEBT SECURITIES MARKET	Turkey
XDSX	DOUALA STOCK EXCHANGE	Cameroon
XDTB	DTB DEUTSCHE TERMINBOERSE GMBH	Germany
XDUB	IRISH STOCK EXCHANGE - ALL MARKET	Ireland
XDUS	BOERSE DUESSELDORF	Germany
XDWZ	DEUTSCHE BOERSE AG, FRANKFURT AM MAIN	Germany
XEAS	EQUIDUCT	Belgium
XEBI	ENERGY BROKING IRELAND GAS TRADING PLATFORM	Ireland
XEBS	EBS UK MULTILATERAL TRADING FACILITY	United Kingdom
XECB	ECB EXCHANGE RATES	Germany
XECC	EUROPEAN COMMODITY CLEARING AG	Germany
XECM	MTF - CYPRUS EXCHANGE	Cyprus
XECS	EASTERN CARIBBEAN SECURITIES EXCHANGE	Saint Kitts and Nevis
XEDA	ELECTRICITY DAY-AHEAD MARKET	Turkey
XEDX	EDX LONDON LIMITED	United Kingdom
XEEE	EUROPEAN ENERGY EXCHANGE	Germany
XEEO	EUROPEAN ENERGY EXCHANGE - NON-MTF MARKET	Germany
XEER	EUROPEAN ENERGY EXCHANGE - REGULATED MARKET	Germany
XEHQ	EUREX REPO - HQLA MARKET	Germany

CODE	NAME	COUNTRY
XEID	ELECTRICITY INTRA-DAY MARKET	Turkey
XELX	ELX	United States
XEMA	XETRA MIDPOINT REGULATED MARKET	Germany
XEMB	XETRA MIDPOINT OPEN MARKET	Germany
XEMD	MERCADO MEXICANO DE DERIVADOS	Mexico
XEMI	XETRA MIDPOINT SCALE	Germany
XEMS	EMS EXCHANGE	Netherlands
XEQT	BOERSE BERLIN EQUIDUCT TRADING	Germany
XEQY	BORSA ISTANBUL - EQUITY MARKET	Turkey
XERE	EUREX REPO - FUNDING AND FINANCING PRODUCTS	Germany
XERT	EUREX REPO - TRIPARTY	Germany
XESM	EURONEXT GROWTH DUBLIN	Ireland
XETA	XETRA - REGULIERTER MARKT	Germany
XETB	XETRA - FREIVERKEHR	Germany
XETC	XETRA INTERNATIONAL MARKET - REGULATED MARKET	Germany
XETD	XETRA INTERNATIONAL MARKET - OPEN MARKET	Germany
XETE	XETRA - NON-FINANCIAL INSTRUMENTS	Germany
XETF	EURONEXT ETF ACCESS	France
XETI	XETRA INTERNATIONAL MARKET	Germany
XETR	XETRA	Germany
XETS	XETRA - SCALE	Germany
XETU	XETRA - REGULIERTERMARKT - OFF-BOOK	Germany
XETV	XETRA - FREIVERKEHR - OFF-BOOK	Germany
XETW	XETRA - SCALE - OFF-BOOK	Germany
XETX	XETRA - NON-FINANCIAL INSTRUMENTS - OFF-BOOK	Germany
XEUB	EUREX BONDS	Germany
XEUC	EURONEXT COM, COMMODITIES FUTURES AND OPTIONS	Netherlands
XEUE	EURONEXT EQF, EQUITIES AND INDICES DERIVATIVES	Netherlands
XEUI	EURONEXT IRF, INTEREST RATE FUTURE AND OPTIONS	Netherlands
XEUM	EUREX REPO SECLEND MARKET	Germany
XEUP	EUREX REPO GMBH	Germany
XEUR	EUREX DEUTSCHLAND	Germany
XEUS	US FUTURES EXCHANGE	United States
XEYE	IRISH STOCK EXCHANGE - GLOBAL EXCHANGE MARKET	Ireland
XFCI	FINANCIALCONTENT - INDEXES	United States
XFCM	MERCADO DE FUTUROS Y OPCIONES SOBRE CITRICOS	Spain
XFDA	FINANCIALCONTENT - DIGITAL ASSET TRADE REPORTING F	United States
XFEX	FEX GLOBAL	Australia
XFFE	FUKUOKA FUTURES EXCHANGE	Japan
XFKA	FUKUOKA STOCK EXCHANGE	Japan
XFMN	SOCIETE DU NOUVEAU MARCHE	France
XFND	FIRST NORTH DENMARK	Denmark
XFNO	BORSA ISTANBUL - FUTURES AND OPTIONS MARKET	Turkey
XFNX	FINEX (NEW YORK AND DUBLIN)	Ireland
XFOM	FINNISH OPTIONS MARKET	Finland
XFRA	DEUTSCHE BOERSE AG	Germany
XFTA	FINANCIELE TERMIJNMARKET AMSTERDAM	Netherlands
XFTX	FTX	Antigua and Barbuda
XGAI	GAMI ASSET INVESTMENT L.L.C	United Arab Emirates
XGAS	CENTRAL EASTERN EUROPEAN GAS EXCHANGE LTD	Hungary
XGAT	TRADEGATE EXCHANGE - FREIVERKEHR	Germany
XGCL	GLOBAL COAL LIMITED	United Kingdom

CODE	NAME	COUNTRY
XGCX	GLOBAL COMMODITIES EXCHANGE	United Kingdom
XGDX	GLOBAL DERIVATIVES EXCHANGE	United Kingdom
XGEM	HONG KONG GROWTH ENTERPRISES MARKET	Hong Kong
XGFI	GFI BASISMATCH	United Kingdom
XGGI	GAMI GLOBAL INVESTMENT L.L.C	United Arab Emirates
XGHA	GHANA STOCK EXCHANGE	Ghana
XGLO	WARSAW STOCK EXCHANGE/ EQUITIES/GLOBAL CONNECT - M	Poland
XGME	GESTORE MERCATO ELETTRICO - ITALIAN POWER EXCHANGE	Italy
XGMX	GLOBALCLEAR MERCANTILE EXCHANGE	United States
XGRM	TRADEGATE EXCHANGE - REGULIERTER MARKT	Germany
XGSE	GEORGIA STOCK EXCHANGE	Georgia
XGSX	GLOBAL SECURITIES EXCHANGE	United Kingdom
XGTG	BOLSA DE VALORES NACIONAL SA	Guatemala
XGUA	BOLSA DE VALORES DE GUAYAQUIL	Ecuador
XHAM	HANSEATISCHE WERTPAPIERBOERSE HAMBURG	Germany
XHAN	NIEDERSAECHSISCHE BOERSE ZU HANNOVER	Germany
XHCE	RISK MANAGEMENT EXCHANGE	Germany
XHEL	NASDAQ HELSINKI LTD	Finland
XHER	NIPPON NEW MARKET - HERCULES	Japan
XHFT	ARCA EUROPE	Netherlands
XHIR	HIROSHIMA STOCK EXCHANGE	Japan
XHKF	HONG KONG FUTURES EXCHANGE LTD.	Hong Kong
XHKG	HONG KONG EXCHANGES AND CLEARING LTD	Hong Kong
XHNF	HANOI STOCK EXCHANGE - DERIVATIVES	Vietnam
XHNX	HANOI STOCK EXCHANGE (UNLISTED PUBLIC COMPANY TRAD	Vietnam
XHON	HONDURIAN STOCK EXCHANGE	Honduras
XIAB	ISTANBUL GOLD EXCHANGE	Turkey
XIBE	BAKU INTERBANK CURRENCY EXCHANGE	Azerbaijan
XICB	SIX CORPORATE BONDS AG	Switzerland
XICE	NASDAQ ICELAND HF.	Iceland
XICX	INSTINET CANADA CROSS	Canada
XIDX	INDONESIA STOCK EXCHANGE	Indonesia
XIEL	INSTINET EUROPE LIMITED	United Kingdom
XIEX	IRISH STOCK EXCHANGE - ENTERPRISE SECURITIES MARKE	Ireland
XIGG	BLOCKMATCH EUROPE	Germany
XIHK	INSTINET PACIFIC LTD	Hong Kong
XIJP	INSTINET JAPAN	Japan
XIMA	INTERNATIONAL MARTIME EXCHANGE	Norway
XIMC	MULTI COMMODITY EXCHANGE OF INDIA LTD.	India
XIME	TAIWAN INTERNATIONAL MERCANTILE EXCHANGE	Taiwan
XIMM	INTERNATIONAL MONETARY MARKET	United States
XIMX	IMX HEALTH - FUTURES	United States
XINE	SHANGHAI INTERNATIONAL ENERGY EXCHANGE	China
XINS	INSTINET	United States
XINV	INVESTRO	Germany
XIOM	INDEX AND OPTIONS MARKET	United States
XIPE	INTERNATIONAL PETROLEUM EXCHANGE	United Kingdom
XIPO	HELEX ELECTRONIC BOOK BUILDING	Greece
XIQS	IRAQ STOCK EXCHANGE	Iraq
XISA	INTERNATIONAL SECURITIES EXCHANGE, LLC - ALTERNAT	United States
XISE	INTERNATIONAL SECURITIES EXCHANGE, LLC - EQUITIES	United States
XISL	ISLAMABAD STOCK EXCHANGE	Pakistan

CODE	NAME	COUNTRY
XIST	BORSA ISTANBUL	Turkey
XISX	INTERNATIONAL SECURITIES EXCHANGE, LLC	United States
XJAM	JAMAICA STOCK EXCHANGE	Jamaica
XJAS	TOKYO STOCK EXCHANGE JASDAQ	Japan
XJKT	JAKARTA STOCK EXCHANGE	Indonesia
XJNB	JAKARTA NEGOTIATED BOARD	Indonesia
XJPX	JAPAN EXCHANGE GROUP	Japan
XJSE	JOHANNESBURG STOCK EXCHANGE	South Africa
XJWY	JIWAY EXCHANGE LTD	United Kingdom
XKAC	OSAKA DOJIMA COMMODITY EXCHANGE	Japan
XKAR	THE PAKISTAN STOCK EXCHANGE LIMITED	Pakistan
XKAZ	KAZAKHSTAN STOCK EXCHANGE	Kazakhstan
XKBT	KANSAS CITY BOARD OF TRADE	United States
XKCE	KHOREZM INTERREGION COMMODITY EXCHANGE	Uzbekistan
XKCM	KOREA EXCHANGE COMMODITY MARKET	Korea, Republic of
XKEM	KOREA EXCHANGE EMISSIONS MARKET	Korea, Republic of
XKFB	KOREA FREEBOARD MARKET	Korea, Republic of
XKFE	KOREA EXCHANGE (FUTURES MARKET)	Korea, Republic of
XKGT	KOBE GOMU TORIHIKIJO (RUBBER EXCHANGE)	Japan
XKHA	KHARTOUM STOCK EXCHANGE	Sudan
XKHR	KHARKOV COMMODITY EXCHANGE	Ukraine
XKIE	KIEV UNIVERSAL EXCHANGE	Ukraine
XKIS	KIEV INTERNATIONAL STOCK EXCHANGE	Ukraine
XKKT	KOBE KIITO TORIHIKIJO (RAW SILK EXCHANGE)	Japan
XKLS	BURSA MALAYSIA	Malaysia
XKON	KOREA NEW EXCHANGE	Korea, Republic of
XKOR	KOREA STOCK EXCHANGE	Korea, Republic of
XKOS	KOREA EXCHANGE (KOSDAQ)	Korea, Republic of
XKRX	KOREA EXCHANGE (STOCK MARKET)	Korea, Republic of
XKSE	KYRGYZ STOCK EXCHANGE	Kyrgyzstan
XKST	KANMON SHOHIN TORIHIKIJO (COMMODITY EXCHANGE)	Japan
XKUW	KUWAIT STOCK EXCHANGE	Kuwait
XKYO	KYOTO STOCK EXCHANGE	Japan
XLAH	LAHORE STOCK EXCHANGE	Pakistan
XLAO	LAO SECURITIES EXCHANGE	Lao People's Democratic Republic
XLAT	MERCADO DE VALORES LATINOAMERICANOS (LATIBEX SMN)	Spain
XLBM	LONDON BULLION MARKET	United Kingdom
XLCE	LONDON COMMODITY EXCHANGE, THE	United Kingdom
XLCH	LCH LTD	United Kingdom
XLDN	EURONEXT - EURONEXT LONDON	United Kingdom
XLDX	LONDON DERIVATIVES EXCHANGE	United Kingdom
XLFX	LABUAN INTERNATIONAL FINANCIAL EXCHANGE	Malaysia
XLGT	LGT BANK AG	Liechtenstein
XLIF	EURONEXT LIFFE	United Kingdom
XLIM	BOLSA DE VALORES DE LIMA	Peru
XLIS	EURONEXT - EURONEXT LISBON	Portugal
XLIT	AB NASDAQ VILNIUS	Lithuania
XLJM	SI ENTER	Slovenia
XLJS	LJUBLJANA STOCK EXCHANGE (SEMI-OFFICIAL MARKET)	Slovenia
XLJU	LJUBLJANA STOCK EXCHANGE (OFFICIAL MARKET)	Slovenia
XLLB	LIECHTENSTEINISCHE LANDESBANK AG	Liechtenstein
XLME	LONDON METAL EXCHANGE	United Kingdom

CODE	NAME	COUNTRY
XL0D	LONDON STOCK EXCHANGE - CURVEGLOBAL MARKETS	United Kingdom
XL0F	MALAYSIA DERIVATIVES EXCHANGE BHD	Malaysia
XL0M	LONDON STOCK EXCHANGE - MTF	United Kingdom
XL0N	LONDON STOCK EXCHANGE	United Kingdom
XLQC	LIQUIDITY CUBE PTY LTD	Australia
XL5M	LIBYAN STOCK MARKET	Libyan
XLTO	LONDON TRADED OPTIONS MARKET	United Kingdom
XLUS	LUSAKA STOCK EXCHANGE	Zambia
XLUX	LUXEMBOURG STOCK EXCHANGE	Luxembourg
XMAB	MERCADO ABIERTO ELECTRONICO S.A.	Argentina
XMAC	MID AMERICA COMMODITY EXCHANGE	United States
XMAD	BOLSA DE MADRID	Spain
XMAE	MACEDONIAN STOCK EXCHANGE	Macedonia, the former Yugoslav Republic of
XMAI	MARKET FOR ALTERNATIVE INVESTMENT	Thailand
XMAL	MALTA STOCK EXCHANGE	Malta
XMAN	BOLSA DE VALORES DE NICARAGUA	Nicaragua
XMAP	MAPUTO STOCK EXCHANGE	Mozambique
XMAT	EURONEXT PARIS MATIF	France
XMAU	STOCK EXCHANGE OF MAURITIUS LTD	Mauritius
XMCE	MERCADO CONTINUO ESPANOL - CONTINUOUS MARKET	Spain
XMDG	MARCHE INTERBANCAIRE DES DEVICES M.I.D.	Madagascar
XMDS	MADRAS STOCK EXCHANGE	India
XMEF	MEFF RENTA FIJA	Spain
XMER	MERCHANTS' EXCHANGE	United States
XMEV	MERCADO DE VALORES DE BUENOS AIRES S.A.	Argentina
XMEX	BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE)	Mexico
XMFX	MEFF FX FINANCIAL DERIVATIVES	Spain
XMGE	MINNEAPOLIS GRAIN EXCHANGE	United States
XMIC	MOSCOW INTERBANK CURRENCY EXCHANGE	Russia
XMID	MIDWEST STOCK EXCHANGE	United States
XMIF	MERCATO ITALIANO DEI FUTURES	Italy
XMIL	BORSA ITALIANA S.P.A.	Italy
XMIO	MIAMI INTERNATIONAL SECURITIES EXCHANGE	United States
XMLI	EURONEXT ACCESS PARIS	France
XMLX	OMLX, THE LONDON SECURITIES AND DERIVATIVES EXCHAN	United Kingdom
XMME	CYPRUS STOCK EXCHANGE - SMES	Cyprus
XMNT	BOLSA DE VALORES DE MONTEVIDEO	Uruguay
XMNX	MONTENEGRO STOCK EXCHANGE	Montenegro
XMOC	MONTREAL CLIMATE EXCHANGE	Canada
XMOD	THE MONTREAL EXCHANGE / BOURSE DE MONTREAL	Canada
XMOL	MOLDOVA STOCK EXCHANGE	Moldova, Republic of
XMON	EURONEXT PARIS MONEP	France
XMOO	MONTREAL EXCHANGE THE / BOURSE DE MONTREAL	Canada
XMOS	CENTRAL COUNTERPARTY CLEARING CENTER MFB - JOINT-S	Russia
XMOT	EURONEXT - ACCESS MILAN	Italy
XMPW	MEFF POWER DERIVATIVES	Spain
XMRV	MEFF FINANCIAL DERIVATIVES	Spain
XMSM	EURONEXT DUBLIN	Ireland
XMSW	MALAWI STOCK EXCHANGE	Malawi
XMTB	MERCADO A TERMINO DE BUENOS AIRES S.A.	Argentina
XMTI	BVB MTS INTERNATIONAL	Romania
XMTS	EUROMTS LTD	United Kingdom

CODE	NAME	COUNTRY
XMUN	BOERSE MUENCHEN	Germany
XMUS	MUSCAT STOCK EXCHANGE	Oman
XMVL	MERCADO DE VALORES DEL LITORAL S.A.	Argentina
XNAF	SISTEMA ELETR NICO DE NEGOCIACION DE ACTIVOS FINA	Spain
XNAI	NAIROBI STOCK EXCHANGE	Kenya
XNAM	NAMIBIAN STOCK EXCHANGE	Namibia
XNAS	NASDAQ - ALL MARKETS	United States
XNCD	NATIONAL COMMODITY AND DERIVATIVES EXCHANGE LTD	India
XNCM	NASDAQ CAPITAL MARKET	United States
XNCO	WARSAW STOCK EXCHANGE/ EQUITIES/NEW CONNECT - MTF	Poland
XNDQ	NASDAQ OPTIONS MARKET	United States
XNDU	PJSC NATIONAL DEPOSITORY OF UKRAINE	Ukraine
XNDX	NORDIC DERIVATIVES EXCHANGE	Sweden
XNEC	NATIONAL STOCK EXCHANGE OF AUSTRALIA LIMITED	Australia
XNEE	NEW ZEALAND FUTURES AND OPTIONS EXCHANGE	New Zealand
XNEP	NEPAL STOCK EXCHANGE	Nepal
XNEW	NEWEX	Germany
XNFI	NASDAQ FIXED INCOME TRADING	United States
XNGM	NORDIC GROWTH MARKET	Sweden
XNGO	NAGOYA STOCK EXCHANGE	Japan
XNGS	NASDAQ/NGS (GLOBAL SELECT MARKET)	United States
XNII	NIIGATA STOCK EXCHANGE	Japan
XNIM	NASDAQ INTERMARKET	United States
XNKS	CENTRAL JAPAN COMMODITIES EXCHANGE	Japan
XNLI	NYSE LIFFE	United States
XNLX	NASDAQ OMX NLX	United Kingdom
XNMR	NORDIC MTF REPORTING	Sweden
XNMS	NASDAQ/NMS (GLOBAL MARKET)	United States
XNOM	NOMISMA (LIECHTENSTEIN) AG	Liechtenstein
XNOR	NORDEA	Finland
XNQL	NQLX	United States
XNRG	BVB ENERGY DERIVATIVES	Romania
XNSA	THE NIGERIAN STOCK EXCHANGE	Nigeria
XNSE	NATIONAL STOCK EXCHANGE OF INDIA	India
XNST	NAGOYA SENI TORIHIKIJO (TEXTILE EXCHANGE) - CHUBU	Japan
XNXC	NXCHANGE	Netherlands
XNXD	NXCHANGE B.V. MTF	Netherlands
XNYC	NEW YORK COTTON EXCHANGE	United States
XNYE	NEW YORK MERCANTILE EXCHANGE - OTC MARKETS	United States
XNYF	ICE FUTURES U.S. INC	United States
XNYL	NEW YORK MERCANTILE EXCHANGE - ENERGY MARKETS	United States
XNYM	NEW YORK MERCANTILE EXCHANGE	United States
XNYS	NEW YORK STOCK EXCHANGE, INC.	United States
XNZE	NZX - ALL MARKETS	New Zealand
XOAA	OSLO BORS ASA - OSLO AXESS LIT X AUCTIONS	Norway
XOAD	OSLO AXESS NORTH SEA - DARK POOL	Norway
XOAM	NORDIC ALTERNATIVE BOND MARKET	Norway
XOAS	EURONEXT EXPAND OSLO	Norway
XOBD	OSLO BORS - DERIVATIVES MARKET	Norway
XOCH	ONECHICAGO, LLC	United States
XODE	ODESSA COMMODITY EXCHANGE	Ukraine
XOME	OMX NORDIC EXCHANGE STOCKHOLM AB	Sweden



CODE	NAME	COUNTRY
XOPV	OTC PUBLICATION VENUE	Sweden
XOSA	OSLO BORS - LIT X AUCTIONS	Norway
XOSC	OSLO CONNECT	Norway
XOSD	OSLO BORS NORTH SEA - DARK POOL	Norway
XOSE	OSAKA EXCHANGE	Japan
XOSJ	OSAKA EXCHANGE J-NET	Japan
XOSL	OSLO BORS	Norway
XOSM	OSAKA MERCANTILE EXCHANGE	Japan
XOST	OSAKA SENI TORIHIKIJO (TEXTILE EXCHANGE)	Japan
XOTB	OESTERREICHISCHE TERMIN- UND OPTIONENBOERSE, CLEAR	Austria
XOTC	OTCBB	United States
XOTP	OTP BANKA D.D.	Croatia
XPAC	POSIT AUCTION	Ireland
XPAA	PALESTINE SECURITIES EXCHANGE	Palestinian Territory, Occupied
XPAL	POSIT AUCTION UK	United Kingdom
XPAR	EURONEXT - EURONEXT PARIS	France
XPBT	NASDAQ OMX FUTURES EXCHANGE	United States
XPET	STOCK EXCHANGE SAINT PETERSBURG	Russia
XPHL	NASDAQ OMX PHLX	United States
XPHO	PHILADELPHIA OPTIONS EXCHANGE	United States
XPHS	PHILIPPINE STOCK EXCHANGE, INC.	Philippines
XPHX	PEEL HUNT CROSSING	United Kingdom
XPIC	SAINT-PETERSBURG CURRENCY EXCHANGE	Russia
XPIN	UBS PIN (UBS PRICE IMPROVEMENT NETWORK)	United States
XPLU	PLUS MARKETS GROUP	United Kingdom
XPMS	BORSA ISTANBUL - PRECIOUS METALS AND DIAMONDS MARK	Turkey
XPOL	POSIT DARK UK	United Kingdom
XPOM	PNGX MARKETS LIMITED	Papua New Guinea
XPOR	PORTAL	United States
XPOS	POSIT DARK	Ireland
XPOT	EUROPEAN ENERGY EXCHANGE - OTF GAS MARKET	Germany
XPOW	POWERNEXT	France
XPRA	PRAGUE STOCK EXCHANGE	Czech Republic
XPRI	PRIDNEPROVSK COMMODITY EXCHANGE	Ukraine
XPRM	PRAGUE STOCK EXCHANGE - MTF	Czech Republic
XPSE	PACIFIC EXCHANGE	United States
XPSF	EUROPEAN ENERGY EXCHANGE - REGULATED GAS MARKET	Germany
XPST	POSIT - ASIA PACIFIC	Hong Kong
XPSX	NASDAQ OMX PSX	United States
XPTY	LATIN AMERICAN STOCK EXCHANGE, INC.	Panama
XPUK	XP INVESTMENTS UK LLP	United Kingdom
XPUS	XP INVESTMENTS US, LLC	United States
XPXE	POWER EXCHANGE CENTRAL EUROPE	Czech Republic
XQLX	QLX	Hungary
XQMH	SIX SWISS EXCHANGE - STRUCTURED PRODUCTS	Switzerland
XQOD	SIX SWISS EXCHANGE - ETF QOD	Switzerland
XQTX	BOERSE DUESSELDORF - QUOTRIX	Germany
XQUI	BOLSA DE VALORES DE QUITO	Ecuador
XRAS	RASDAQ	Romania
XRBM	RINGGIT BOND MARKET	Malaysia
XRCB	RAIFFEISEN CENTROBANK AG	Austria
XREP	SIX REPO AG - CH REPO MARKET	Switzerland

CODE	NAME	COUNTRY
XRFQ	POSIT RFQ	Ireland
XRIO	BOLSA DE VALORES DO RIO DE JANEIRO	Brazil
XRIS	NASDAQ RIGA AS	Latvia
XRMO	RM-SYSTEM CZECH STOCK EXCHANGE - MTF	Czech Republic
XRMS	SK RM-S (SLOVAK STOCK EXCHANGE)	Slovakia
XRMZ	RM-SYSTEM CZECH STOCK EXCHANGE	Czech Republic
XROS	BOLSA DE COMERCIO ROSARIO	Argentina
XROT	SIX REPO AG - OTC SPOT MARKET	Switzerland
XROV	REGIONAL EXCHANGE CENTRE - MICEX SOUTH	Russia
XROX	MERCADO DE VALORES DE ROSARIO S.A.	Argentina
XRPM	ROMANIAN POWER MARKET	Romania
XRSP	PEEL HUNT RETAIL	United Kingdom
XRTR	RTR (REUTERS-REALTIME-DATEN)	Germany
XRUS	INTERNET DIRECT-ACCESS EXCHANGE	Russia
XSAF	JSE EQUITY DERIVATIVES MARKET	South Africa
XSAM	SAMARA CURRENCY INTERBANK EXCHANGE	Russia
XSAP	SAPPORO SECURITIES EXCHANGE	Japan
XSAT	SPOTLIGHT STOCK MARKET AB	Sweden
XSAU	SAUDI STOCK EXCHANGE	Saudi Arabia
XSBI	JAPANNEXT - X - MARKET	Japan
XSBT	SINGAPORE EXCHANGE BOND TRADING PTE. LTD	Singapore
XSC1	BOERSE FRANKFURT WARRANTS TECHNICAL 1	Germany
XSC2	BOERSE FRANKFURT WARRANTS TECHNICAL 2	Germany
XSC3	BOERSE FRANKFURT WARRANTS TECHNICAL 3	Germany
XSCA	SINGAPORE CATALIST MARKET	Singapore
XSCE	SINGAPORE COMMODITY EXCHANGE	Singapore
XSCL	SINGAPORE CENTRAL LIMIT ORDER BOOK INTERNATIONAL	Singapore
XSCO	BOERSE FRANKFURT WARRANTS TECHNICAL	Germany
XSCU	STOXX LIMITED - CUSTOMIZED INDICES	Switzerland
XSDX	SIX DIGITAL EXCHANGE	Switzerland
XSEB	SIX SWISS EXCHANGE - EBBO BOOK	Switzerland
XSEC	SHENZHEN STOCK EXCHANGE - SHENZHEN - HONG KONG STO	China
XSEF	SWAPEX, LLC	United States
XSES	SINGAPORE EXCHANGE	Singapore
XSFA	JSE COMMODITY DERIVATIVES MARKET	South Africa
XSFE	ASX - TRADE24	Australia
XSGA	SOCIETE GENERALE	France
XSGB	SOCIETE GENERALE (LONDON BRANCH)	United Kingdom
XSGE	SHANGHAI FUTURES EXCHANGE	China
XSGO	SANTIAGO STOCK EXCHANGE	Chile
XSHE	SHENZHEN STOCK EXCHANGE	China
XSHG	SHANGHAI STOCK EXCHANGE	China
XSIB	SIBERIAN EXCHANGE	Russia
XSIC	SIBERIAN INTERBANK CURRENCY EXCHANGE	Russia
XSIM	SINGAPORE EXCHANGE DERIVATIVES CLEARING LIMITED	Singapore
XSLS	SIX SWISS EXCHANGE - SLS	Switzerland
XSME	SHENZHEN MERCANTILE EXCHANGE	China
XSMP	EURONEXT BLOCK	United Kingdom
XSOM	BOLSA DE VALORES DE SAO PAULO - SOMA	Brazil
XSOP	BSP REGIONAL ENERGY EXCHANGE - SOUTH POOL	Slovenia
XSPM	EURONEXT STRUCTURED PRODUCTS MTF	France
XSPS	SOUTH PACIFIC STOCK EXCHANGE	Fiji

CODE	NAME	COUNTRY
XSRM	MERCADO DE FUTUROS DE ACEITE DE OLIVA, S.A.	Spain
XSSC	SHANGHAI STOCK EXCHANGE - SHANGHAI - HONG KONG STO	China
XSSE	SARAJEVO STOCK EXCHANGE	Bosnia and Herzegovina
XSTC	HOCHIMINH STOCK EXCHANGE	Vietnam
XSTE	REPUBLICAN STOCK EXCHANGE	Uzbekistan
XSTF	BOERSE STUTTGART - TECHNICAL PLATFORM 2	Germany
XSTM	FIDELITY CROSSSTREAM ATS	United States
XSTO	NASDAQ STOCKHOLM AB	Sweden
XSTP	BOERSE STUTTGART - TECHNICAL PLATFORM 3	Germany
XSTU	BOERSE STUTTGART	Germany
XSTV	STOXX LIMITED - VOLATILITY INDICES	Switzerland
XSTX	STOXX LIMITED - INDICES	Switzerland
XSUR	SURABAYA STOCK EXCHANGE	Indonesia
XSVA	EL SALVADOR STOCK EXCHANGE	El Salvador
XSWA	ESWATINI STOCK EXCHANGE	Swaziland
XSWB	SWX SWISS BLOCK	United Kingdom
XSWM	SIX SWISS EXCHANGE - SIX SWISS EXCHANGE AT MIDPOIN	Switzerland
XSWO	SWISS OPTIONS AND FINANIAL FUTURES EXCHANGE	Switzerland
XSWX	SIX SWISS EXCHANGE	Switzerland
XTAA	FIRST NORTH ESTONIA	Estonia
XTAD	TAISDAQ	Taiwan
XTAE	TEL AVIV STOCK EXCHANGE	Israel
XTAF	TAIWAN FUTURES EXCHANGE	Taiwan
XTAI	TAIWAN STOCK EXCHANGE	Taiwan
XTAL	NASDAQ TALLINN AS	Estonia
XTAM	TOKYO STOCK EXCHANGE-TOKYO PRO MARKET	Japan
XTAR	TALLINN STOCK EXCHANGE - REGULATED MARKET	Estonia
XTEH	TEHRAN STOCK EXCHANGE	Iran, Islamic Republic of
XTFE	TORONTO FUTURES EXCHANGE	Canada
XTFF	TOKYO FINANCIAL EXCHANGE	Japan
XTFN	TRADEPOINT FINANCIAL NETWORKS PLC	United Kingdom
XTIR	TIRANA STOCK EXCHANGE	Albania
XTK1	TOKYO STOCK EXCHANGE - TOSTNET-1	Japan
XTK2	TOKYO STOCK EXCHANGE - TOSTNET-2	Japan
XTK3	TOKYO STOCK EXCHANGE - TOSTNET-3	Japan
XTKA	TOYOHASHI KANKEN TORIHIKIJO (DRIED COCOON EXCHANGE	Japan
XTKO	TOKYO GRAIN EXCHANGE	Japan
XTKS	TOKYO STOCK EXCHANGE	Japan
XTKT	TOKYO COMMODITY EXCHANGE	Japan
XTLX	TLX	Italy
XTND	XTEND	Hungary
XTNX	TSX VENTURE EXCHANGE - NEX	Canada
XTOE	TORONTO OPTIONS EXCHANGE	Canada
XTPE	TULLETT PREBON PLC - TP ENERGYTRADE	United Kingdom
XTPZ	INTERNATIONAL SECURITIES EXCHANGE, LLC - TOPAZ	United States
XTRA	XTRAMARKED	Denmark
XTRD	XTRD	United States
XTRN	TRINIDAD AND TOBAGO STOCK EXCHANGE	Trinidad and Tobago
XTRZ	ZAGREB MONEY AND SHORT TERM SECURITIES MARKET INC	Croatia
XTSE	TORONTO STOCK EXCHANGE	Canada
XTSX	TSX VENTURE EXCHANGE	Canada
XTUC	NUEVA BOLSA DE COMERCIO DE TUCUMAN S.A.	Argentina

CODE	NAME	COUNTRY
XTUN	TUNIS STOCK EXCHANGE (BOURSE DE TUNIS)	Tunisia
XTUP	TULLETT PREBON PLC	United Kingdom
XTUR	TURKISH DERIVATIVES EXCHANGE	Turkey
XTXD	XTX DIRECT	United States
XTXE	XTX MARKETS SAS	France
XTXM	XTX MARKETS	United Kingdom
XUAX	UKRAINIAN STOCK EXCHANGE	Ukraine
XUBS	AQUIS EXCHANGE PLC - AMP - DARK ORDER BOOK	United Kingdom
XUGA	UGANDA SECURITIES EXCHANGE	Uganda
XUKR	UKRAINIAN UNIVERSAL COMMODITY EXCHANGE	Ukraine
XULA	MONGOLIAN STOCK EXCHANGE	Mongolia
XUMP	UBS MTF LIMITED - PERIODIC AUCTION ORDER BOOK	United Kingdom
XUNI	UNIVERSAL BROKER'S EXCHANGE 'TASHKENT'	Uzbekistan
XUSE	UNITED STOCK EXCHANGE	India
XVAL	BOLSA DE VALENCIA	Spain
XVAR	VARAZDIN STOCK EXCHANGE, THE	Croatia
XVES	VESTIMA	Luxembourg
XVIA	ALTERNATIVE MARKET-FIRST NORTH LITHUANIA	Lithuania
XVIE	WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXC	Austria
XVLA	VLADIVOSTOK (RUSSIA) STOCK EXCHANGE	Russia
XVPA	BOLSA DE VALORES Y PRODUCTOS DE ASUNCION SA	Paraguay
XVPB	VP BANK AG	Liechtenstein
XVSE	VANCOUVER STOCK EXCHANGE	Canada
XVTX	SIX SWISS EXCHANGE - BLUE CHIPS SEGMENT	Switzerland
XWAP	CBOE EUROPE EQUITIES - LONDON	United Kingdom
XWAR	WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET	Poland
XWBO	WIENER BOERSE AG	Austria
XWCE	INTERCONTINENTAL EXCHANGE - ICE FUTURES CANADA	Canada
XWEE	WEEDEN ATS	United States
XXSC	FRANKFURT CEF SC	Germany
XYIE	TRADEWEB AUSTRALIA	Australia
XYKT	YOKOHAMA COMMODITY EXCHANGE (WRONGLY RENAMED TOKYO	Japan
XZAG	ZAGREB STOCK EXCHANGE	Croatia
XZAM	THE ZAGREB STOCK EXCHANGE MTF	Croatia
XZAP	PROGRESS MARKET	Croatia
XZCE	ZHENGZHOU COMMODITY EXCHANGE	China
XZIM	ZIMBABWE STOCK EXCHANGE	Zimbabwe
YKNA	COMHAR CAPITAL MARKETS, LLC - US EQUITIES	United States
YLDX	JSE INTEREST RATE DERIVATIVES MARKET	South Africa
ZAPA	ZAGREB STOCK EXCHANGE - APA	Croatia
ZARX	ZAR X	South Africa
ZBUL	BULGARIAN STOCK EXCHANGE - MAIN MARKET	Bulgaria
ZERO	ZERO HASH	United States
ZFXM	JSE CURRENCY DERIVATIVES MARKET	South Africa
ZKBX	ZURCHER KANTONALBANK SECURITIES EXCHANGE	Switzerland
ZOBX	ZOBEX	Germany
ZODM	ZODIA MARKETS	United Kingdom