

List of market makers and authorised primary dealers who are using the exemption under the Regulation on short selling and credit default swaps

According to Article 17(13) of Regulation (EU) No 236/2012 of the European Parliament and of the Council of 14 March 2012 on short selling and certain aspects of credit default swaps (the SSR), ESMA shall publish and keep up to date on its website a list of market makers and authorised primary dealers who are using the exemption under the Short Selling Regulation (SSR).

The data provided in this list have been compiled from notifications of Member States' competent authorities to ESMA under Article 17(12) of the SSR.

Among the EEA countries, the SSR is applicable in Norway as of 1 January 2017. It will be applicable in the other EEA countries (Iceland and Liechtenstein) upon implementation of the Regulation under the EEA agreement.

 [Austria](#)

 [Belgium](#)

 [Bulgaria](#)

 [Croatia](#)

 [Cyprus](#)

 [Czech Republic](#)

 [Denmark](#)

 [Estonia](#)

 [Finland](#)

 [France](#)

 [Germany](#)

 [Greece](#)

 [Hungary](#)

 [Ireland](#)

 [Italy](#)

 [Latvia](#)

 [Lithuania](#)

 [Luxembourg](#)

 [Malta](#)

 [The Netherlands](#)

 [Norway](#)

 [Poland](#)

 [Portugal](#)

 [Romania](#)

 [Slovakia](#)

 [Slovenia](#)

 [Spain](#)

 [Sweden](#)

 [The United Kingdom](#)

Austria

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| FMA | ERSTE GROUP BANK AG | GIBAATWW |
| FMA | OBERBANK AG | OBKLAT2L |
| FMA | RAIFFEISEN CENTROBANK AG | CENBATWW |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| FMA | BARCLAYS BANK PLC | BARCGB22 |
| FMA | BAWAG P.S.K. BANK FÜR ARBEIT UND WIRTSCHAFT UND ÖSTERREICHISCHE POSTSPARKASSE AG | BAWAATWW |
| FMA | BNP PARIBAS S.A. | BNPAFRPP |
| FMA | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| FMA | COMMERZBANK AG | COBADEFF |
| FMA | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| FMA | DEUTSCHE BANK AG | DEUTDEFF |
| FMA | ERSTE GROUP BANK AG | GIBAATWG |
| FMA | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| FMA | HSBC FRANCE | CCFRFRPP |
| FMA | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| FMA | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| FMA | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| FMA | NATIXIS | NATXFRPPMAR |
| FMA | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| FMA | OBERBANK AG | OBKLAT2L |
| FMA | ÖSTERREICHISCHE VOLKSBANKEN-AKTIENGESELLSCHAFT | VBOEATWW |
| FMA | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| FMA | SOCIÉTÉ GENERALE | SOGEFRPP |
| FMA | UNICREDIT BANK AG | HYVEDEMM |

Belgium

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| FSMA | BNP PARIBAS FORTIS BANQUE SA | GEBABEBB |
| FSMA | ING BANK NV/SA | BBRUBEBB |
| FSMA | KBC SECURITIES NV | KBSEBE22 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| FSMA | BANCO SANTANDER SA | BSCHDEFF |
| FSMA | BARCLAYS BANK PLC | BARCGB22 |
| FSMA | BNP PARIBAS FORTIS BANQUE SA | GEBABEBB |
| FSMA | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| FSMA | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| FSMA | DEUTSCHE BANK AG | DEUTDEFF |
| FSMA | HSBC FRANCE | CCFRFRPP |
| FSMA | ING BANK N.V. | INGBNL2A |
| FSMA | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| FSMA | KBC BANK | KREDBEBB |
| FSMA | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| FSMA | NATIXIS | NATXFRPP |
| FSMA | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| FSMA | RBC EUROPE LIMITED | ROYCGB22 |
| FSMA | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| FSMA | SOCIÉTÉ GENERALE | SOGEFRPP |

Bulgaria

No market makers use the exemption under the SSR.

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|----------------------------------|--------------------------------------|-----------------------------|
| FSC | CENTRAL COOPERATIVE BANK AD | CECBBGSF |
| FSC | DSK BANK EAD | STSABGSF |
| FSC | EUROBANK BULGARIA AD | BPBIBGSF |
| FSC | MUNICIPAL BANK AD | SOMBBGSF |
| FSC | UNICREDIT BULBANK AD | UNCRBGSF |
| FSC | UNITED BULGARIAN BANK AD | UBBSBGSF |

Croatia

No market makers use the exemption under the SSR.

No authorised primary dealers use the exemption under the SSR.

Cyprus

No market makers use the exemption under the SSR.

No authorised primary dealers use the exemption under the SSR.

Czech Republic

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| CNB | BH SECURITIES A.S. | SEESCZP1 |
| CNB | CESKA SPORITELNA, A.S. | GIBACZPX |
| CNB | PATRIA FINANCE, A.S. | PAFICZP1 |
| CNB | WOOD & COMPANY FINANCIAL SERVICES, A.S. | WOODCZPP |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| CNB | CESKA SPORITELNA, A.S. | GIBACZPX |
| CNB | CESKOSLOVENSKÁ OBCHODNÍ BANKA | CEKOCZPP |
| CNB | CITIBANK EUROPE PLC | CITICZPX |
| CNB | DEUTSCHE BANK AG | DEUTDEFF |
| CNB | ERSTE GROUP BANK AG | GIBAATWG |
| CNB | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| CNB | HSBC BANK PLC | MIDLGB21 |
| CNB | ING BANK N.V. | INGBNL2A |
| CNB | J.P. MORGAN SECURITIES PLC | JPMSG2LMOS |
| CNB | KOMERCNI BANKA, A.S. | KOMBZPP |
| CNB | PPF BANKA A.S. | PMBPCZPP |
| CNB | UNICREDIT BANK CZECH REPUBLIC, A.S. | BACXCZPP |

Denmark

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| Finanstilsynet | ALM BRAND BANK A/S | ALMBDKKK |
| Finanstilsynet | ARBEJDERNES LANDSBANK A/S | ALBADKKK |
| Finanstilsynet | DANSKE BANK A/S | DABADKKK |
| Finanstilsynet | JYSKE BANK A/S | JYBADKKK |
| Finanstilsynet | LÅN & SPAR BANK A/S | LOSADKKK |
| Finanstilsynet | NORDEA BANK A/S | NDEADKKK |
| Finanstilsynet | NYKREDIT BANK A/S | NYKBDKKK |
| Finanstilsynet | SAXO PRIVAT BANK | SAXODKKK |
| Finanstilsynet | SPAR NORD BANK A/S | SPNODK22 |
| Finanstilsynet | SYDBANK A/S | SYBKDK22 |
| Finanstilsynet | UBS AG | UBSWCHZH8oA |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---------------------------------------|----------------------|
| Finanstilsynet | BARCLAYS BANK PLC | BARCGB22 |
| Finanstilsynet | BNP PARIBAS S.A. | BNPAFRPP |
| Finanstilsynet | CARNEGIE BANK A/S | CARNDKKK |
| Finanstilsynet | DANSKE BANK A/S | DABADKKK |
| Finanstilsynet | DEUTSCHE BANK AG | DEUTDEFF |
| Finanstilsynet | HSBC FRANCE | CCFRFRPP |
| Finanstilsynet | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| Finanstilsynet | JYSKE BANK A/S | JYBADKKK |
| Finanstilsynet | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| Finanstilsynet | NORDEA BANK AB (PUBL) | NDEASESS |
| Finanstilsynet | NORDEA BANK FINLAND PLC | NDEAFIHH |
| Finanstilsynet | NYKREDIT BANK A/S | NYKBDKKK |
| Finanstilsynet | SKANDINAVISKA ENSKILDA BANKEN AB | ESSESESS |
| Finanstilsynet | SPAR NORD BANK A/S | SPNODK22 |
| Finanstilsynet | SYDBANK A/S | SYBKDK22 |

Estonia

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| FSA (EE) | AS SEB PANK | EEUHEE2X |

No authorised primary dealers use the exemption under the SSR.

Finland

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| FIN FSA | EVLI BANK | EVSEFIHH |
| FIN FSA | FIM BANK | FISEFIHH |
| FIN FSA | NORDEA BANK ABP | NDEAFIHH |
| FIN FSA | POHJOLA BANK | OKOYFIHH |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| FIN FSA | BARCLAYS BANK PLC | BARCGB22 |
| FIN FSA | BNP PARIBAS S.A. | BNPAFRPP |
| FIN FSA | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| FIN FSA | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| FIN FSA | CREDIT SUISSE SECURITIES (EUROPE) LIMITED | CSFBGB2L |
| FIN FSA | DANSKE BANK A/S | DABADKKK |
| FIN FSA | DEUTSCHE BANK AG | DEUTDEFF |
| FIN FSA | HSBC FRANCE | CCFRFRPP |
| FIN FSA | J.P. MORGAN SECURITIES PLC | JPMSG2LMOS |
| FIN FSA | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| FIN FSA | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| FIN FSA | NORDEA BANK ABP | NDEAFIHH |
| FIN FSA | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| FIN FSA | SOCIÉTÉ GENERALE | SOGEFRPP |
| FIN FSA | UBS | UBSWCHZH8OA |

France

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| AMF | BNP PARIBAS ARBITRAGE SNC | BNABFRPP |
| AMF | BNP PARIBAS S.A. | BNPAFRPP |
| AMF | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| AMF | EXANE DERIVATIVES | EXADFRPP |
| AMF | EXANE SA | EXANFRPP |
| AMF | HSBC FRANCE | CCFRFRPP |
| AMF | MORGAN STANLEY FRANCE (SA) | MSFAFRP1 |
| AMF | MOSAIC FINANCE | MOSFFRP1 |
| AMF | NATIXIS | NATXFRPP |
| AMF | SOCIÉTÉ GENERALE | SOGEFRPP |
| AMF | SOCIETE GENERALE OPTIONS EUROPE | SOGEFRPPSGO |
| AMF | SOCIETE GENERALE SECURITIES PARIS | SGSPFRP1 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| AMF | BANCO SANTANDER, S.A. | BSCHEMM |
| AMF | BARCLAYS BANK PLC | BARCGB22 |
| AMF | BNP PARIBAS S.A. | BNPAFRPP |
| AMF | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| AMF | COMMERZBANK AG | COBADEFF |
| AMF | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| AMF | DEUTSCHE BANK AG | DEUTDEFF |
| AMF | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| AMF | HSBC FRANCE | CCFRFRPP |
| AMF | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| AMF | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| AMF | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |

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|-----|-------------------------------|-------------|
| AMF | NATIXIS | NATXFRPP |
| AMF | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| AMF | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| AMF | SCOTIABANK EUROPE PLC | NOSCGB2L |
| AMF | SOCIÉTÉ GENERALE | SOGEFRPP |
| AMF | UBS LIMITED | UBSWGB24 |

Germany

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| BaFin | ACON ACTIENBANK AG | |
| BaFin | BAADER BANK AG | BDWBDEMM |
| BaFin | BANK VONTOBEL AG | VONTCHZZ |
| BaFin | BANKHAUS LAMPE KG | LAMPDEDD |
| BaFin | BANKHAUS MAX FLESSA KG | FLESDEMM |
| BaFin | BANKHAUS SCHEICH AG | SCTNDEF1 |
| BaFin | BAYERISCHE LANDESBANK | BYLADEMM |
| BaFin | BHF-BANK AG | BHFBDEFF |
| BaFin | CEFDEX AG | CEFEDEF1 |
| BaFin | CITIGROUP GLOBAL MARKETS DEUTSCHLAND AG | CITIDEF1 |
| BaFin | COMMERZBANK AG | COBADEFF |
| BaFin | DEKABANK DEUTSCHE GIROZENTRALE | DGZFFDEF |
| BaFin | DERO BANK AG | VEAKDEMM |
| BaFin | DEUTSCHE BANK AG | DEUTDEFF |
| BaFin | DONNER & REUSCHEL AG | CHDBDEHH |
| BaFin | DZ BANK AG DEUTSCHE ZENTRAL- GENOSSENSCHAFTSBANK | GENODEFF |
| BaFin | EQUINET BANK AG | EQUNDEFF |
| BaFin | EUWAX AKTIENGESELLSCHAFT | EUWADES1 |
| BaFin | FINTECH GROUP BANK AG | BIWBDE33 |
| BaFin | HARDCASTLE TRADING AG | HDCTCHZ1 |
| BaFin | HAUCK & AUFHÄUSER PRIVATBANKIERS KGAA | HAUKDEFF |
| BaFin | HELLWIG WERTPAPIERHANDELSBANK GMBH | HEWGDEF1 |
| BaFin | HSBC TRINKAUS & BURK- HARDT AG | TUBDDEDD |
| BaFin | HSH NORDBANK AG | HSHNDEHH |
| BaFin | ICF BANK AG | ICFFDEF1 |
| BaFin | JOH. BERENBERG, GOSSLER & CO. KG | BEGODEHH |
| BaFin | LANDESBANK BADEN- WÜRTTEMBERG | SOLADEST |

| | | |
|-------|--|-----------|
| BaFin | LANDESBANK HESSEN-THÜRINGEN GIROZENTRALE | HELADEFF |
| BaFin | LANG & SCHWARZ AG | LSWEDED1 |
| BaFin | LANG & SCHWARZ BROKER GMBH | LSBGDED1 |
| BaFin | LANG & SCHWARZ TRADECENTER AG & CO.KG | LASDDED1 |
| BaFin | M.M. WARBURG & CO | WBWCDEHH |
| BaFin | MAINFIRST BANK AG | MAIFDEFF |
| BaFin | MORGAN STANLEY BANK AG | MSFFDEFX |
| BaFin | MWB FAIRTRADE WERTPAPIERHANDELSBANK AG | MWFWDEM1 |
| BaFin | ODDO SEYDLER BANK AG | SEYDDEF1 |
| BaFin | RENELL WERTPAPIERHANDELSBANK AG | REWRDEF1 |
| BaFin | SSW MARKET MAKER GMBH | SMMGDE81 |
| BaFin | SÜDDEUTSCHE AKTIENBANK AG | DEAKDES1 |
| BaFin | IBKR FINANCIAL SERVICES AG | TMBECH22 |
| BaFin | TRADEGATE AG WERTPAPIERHANDELSBANK | TRDADEB1 |
| BaFin | TREMMEL WERTPAPIERHANDELSBANK GMBH | TRWGDEF1 |
| BaFin | UNICREDIT BANK AG | HYVEDEMM |
| BaFin | VISCARDI AG | 550793478 |
| BaFin | WALTER LUDWIG WERTPAPIERHANDELS GMBH | WALWDEF1 |
| BaFin | WGZ BANK AG | GENODEDD |
| BaFin | WOLFGANG STEUBING AG | STAGDEF1 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--------------------------------------|----------------------|
| BaFin | ABN AMRO BANK N.V. | ABNANL2A |
| BaFin | BANCA IMI S.P.A. | CABOITMH |
| BaFin | BANCO BILBAO VIZCAYA ARGENTARIA S.A. | BBVAESMM |
| BaFin | BANCO SANTANDER, S.A. | BSCHEMM |
| BaFin | BARCLAYS BANK PLC | BARCGB22 |
| BaFin | BAYERISCHE LANDESBANK | BYLADAMM |
| BaFin | BHF-BANK AG | BHFBDEFF |

| | | |
|-------|---|-------------|
| BaFin | BNP PARIBAS S.A. | BNPAFRPP |
| BaFin | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| BaFin | COMMERZBANK AG | COBADEFF |
| BaFin | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| BaFin | DANSKE BANK A/S | DABADKKK |
| BaFin | DEKABANK DEUTSCHE GIROZENTRALE | DGZFDEFF |
| BaFin | DEUTSCHE BANK AG | DEUTDEFF |
| BaFin | DZ BANK AG DEUTSCHE ZENTRAL-GENOSSENSCHAFTSBANK | GENODEFF |
| BaFin | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| BaFin | HSBC FRANCE | CCFRFRPP |
| BaFin | ING BANK N.V. | INGBNL2A |
| BaFin | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| BaFin | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| BaFin | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| BaFin | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| BaFin | NATIXIS | NATXFRPPMAR |
| BaFin | NOMURA BANK (DEUTSCHLAND) GMBH | NOMUDEFF |
| BaFin | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| BaFin | NORDEA BANK ABP | NDEAFIHH |
| BaFin | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| BaFin | SCOTIABANK EUROPE PLC | NOSCGB2L |
| BaFin | SOCIÉTÉ GENERALE | SOGEFRPP |
| BaFin | UBS DEUTSCHLAND AG | UBSWDEFF |
| BaFin | UNICREDIT BANK AG | HYVEDEMM |

Greece

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--------------------------------|----------------------|
| HCMC | EUROBANK EQUITIES A.E.Π.E.Y. | EFESGRA1 |
| HCMC | INVESTMENT BANK OF GREECE S.A. | IBOGGRAA |
| HCMC | NATIONAL SECURITIES S.A. | NASOGRA1 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| HCMC | BANCA IMI S.P.A. | CABOITMH |
| HCMC | BARCLAYS BANK PLC | BARCGB22 |
| HCMC | BNP PARIBAS S.A. | BNPAFRPP |
| HCMC | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| HCMC | CREDIT SUISSE SECURITIES (EUROPE) LIMITED | CSFBGB2L |
| HCMC | DEUTSCHE BANK AG | DEUTDEFF |
| HCMC | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| HCMC | HSBC FRANCE | CCFRFRPP |
| HCMC | ING BANK N.V. | INGBNL2A |
| HCMC | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| HCMC | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| HCMC | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| HCMC | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| HCMC | SOCIÉTÉ GENERALE | SOGEFRPP |
| HCMC | UBS LIMITED | UBSWGB24 |
| HCMC | UNICREDIT BANK AG | HYVEDEMM |

Hungary

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|-------------------------------|-------------------------------|----------------------|
| MNB (Central Bank of Hungary) | CONCORDE SECURITIES LTD | CIUAHUH1 |
| MNB (Central Bank of Hungary) | ERSTE BEFEKTETESI ZRT. | ERSKHUH1 |
| MNB (Central Bank of Hungary) | OTP BANK NYRT. | OTPBHUHB |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|-------------------------------|--|----------------------|
| MNB (Central Bank of Hungary) | BNP PARIBAS | PARBHUHX |
| MNB (Central Bank of Hungary) | CIB BANK ZRT. | CIBHHUHB |
| MNB (Central Bank of Hungary) | CITIBANK EUROPE PLS MAGYARORSZAGI FIOKTELEPE | CITIHUHX |
| MNB (Central Bank of Hungary) | DEUTSCHE BANK AG | DEUTDEF |
| MNB (Central Bank of Hungary) | ERSTE BEFEKTETESI ZRT. | ERSKHUH1 |
| MNB (Central Bank of Hungary) | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| MNB (Central Bank of Hungary) | ING BANK N.V. HUNGARY BRANCH | INGBHUHB |
| MNB (Central Bank of Hungary) | J.P. MORGAN SECURITIES PLC | JPMSG2LMOS |
| MNB (Central Bank of Hungary) | K&H BANK | OKHBHUHB |
| MNB (Central Bank of Hungary) | MAGYAR TAKARÉKSZÖVETKEZETI BANK ZRT. | TAKBHUHB |
| MNB (Central Bank of Hungary) | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| MNB (Central Bank of Hungary) | MKB BANK ZRT. | MKKBHUHB |
| MNB (Central Bank of Hungary) | OTP BANK NYRT. | OTPBHUHB |
| MNB (Central Bank of Hungary) | RAIFFEISEN BANK ZRT. | UBRTHUHB |
| MNB (Central Bank of Hungary) | UNICREDIT BANK HUNGARY ZRT. | BACXHUHB |

Ireland

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| CBoI | GOODBODY | GDBSIE21003 |
| CBoI | J&E DAVY | DAVYIE21 |
| CBoI | SUSQUEHANNA INTERNATIONAL GROUP LIMITED | SITGIE21 |
| CBoI | SUSQUEHANNA INTERNATIONAL SECURITIES LIMITED | SISSIE21 |
| CBoI | VIRTU FINANCIAL IRELAND LIMITED | VIFIIE21 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| CBoI | BARCLAYS BANK PLC | BARCGB22 |
| CBoI | BNP PARIBAS S.A. | BNPAFRPP |
| CBoI | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| CBoI | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| CBoI | DANSKE BANK A/S | DABADKKK |
| CBoI | DEUTSCHE BANK AG | DEUTDEFF |
| CBoI | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| CBoI | HSBC FRANCE | CCFRFRPP |
| CBoI | ING BANK N.V. | INGBNL2A |
| CBoI | J&E DAVY | DAVYIE21 |
| CBoI | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| CBoI | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| CBoI | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| CBoI | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| CBoI | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| CBoI | SOCIÉTÉ GENERALE | SOGEFRPP |
| CBoI | UBS LIMITED | UBSWGB24 |

Italy

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| Consob | BANCA AKROS S.P.A. | AKROITMM |
| Consob | BANCA FINNAT EURAMERICA SPA | FNATITRR |
| Consob | BANCA IMI S.P.A. | CABOITMH |
| Consob | BANCA INTERMOBILIARE DI INVESTIMENTI E GESTIONI S.P.A. | BIMTITTT |
| Consob | BANCA PROFILO S.P.A. | PROFITMM |
| Consob | BANCA SELLA HOLDING S.P.A. | SELBIT22 |
| Consob | BANCA SIMETICA SPA | SMSIIT21 |
| Consob | EQUITA SIM S.P.A. | EMSIITM1 |
| Consob | FINECOBANK S.P.A. | FEBIITM1 |
| Consob | ICCREA BANCA S.P.A. | ICRAITRR |
| Consob | INTEGRAE SIM SPA | ITSIITM1 |
| Consob | INTERMONTE SIM S.P.A. | INTSITM1 |
| Consob | MEDIOBANCA S.P.A. - BANCA DI CREDITO FINANZIARIO | BAMEITMM |
| Consob | MPS CAPITAL SERVICES S.P.A. | MPSMIT31 |
| Consob | UNICREDIT S.P.A. | UNCRITMM |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| Consob | BANCA IMI S.P.A. | CABOITMH |
| Consob | BARCLAYS BANK PLC | BARCGB22 |
| Consob | BNP PARIBAS S.A. | BNPAFRPP |
| Consob | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| Consob | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| Consob | DEUTSCHE BANK AG | DEUTDEFF |
| Consob | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| Consob | HSBC FRANCE | CCFRFRPP |
| Consob | ING BANK N.V. | INGBNL2A |
| Consob | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |

| | | |
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| Consob | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| Consob | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| Consob | MPS CAPITAL SERVICES S.P.A. | MPSMIT31 |
| Consob | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| Consob | NATWEST MARKETS PLC | RBOSGB2RTCM |
| Consob | SOCIÉTÉ GENERALE | SOGEFRPP |
| Consob | UNICREDIT S.P.A. | UNCRITMM |

Latvia

No market makers use the exemption under the SSR.

No authorised primary dealers use the exemption under the SSR.

Lithuania

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| LB | SEB BANK | CBVILT2X |
| LB | SWEDBANK AB | HABALT22 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| LB | DANSKE BANK | SMPOLT22 |
| LB | SEB BANK | CBVILT2X |
| LB | SWEDBANK AB | HABALT22 |

Luxembourg

No market makers use the exemption under the SSR.

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--------------------------------------|----------------------|
| CSSF | ABN AMRO BANK N.V. | ABNANL2A |
| CSSF | BANCA IMI S.P.A. | CABOITMH |
| CSSF | BANCO BILBAO VIZCAYA ARGENTARIA S.A. | BBVAESMM |
| CSSF | ERSTE GROUP BANK AG | GIBAATWG |
| CSSF | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| CSSF | NATIXIS | NATXFRPPMAR |
| CSSF | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| CSSF | SCOTIABANK EUROPE PLC | NOSCGB2L |
| CSSF | SOCIÉTÉ GENERALE | SOGEFRPP |

Malta

No market makers use the exemption under the SSR.

No authorised primary dealers use the exemption under the SSR.

The Netherlands

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| AFM | ABN AMRO BANK N.V. | ABNANL2A |
| AFM | ABR FINANCIAL BV | ABRFNL21 |
| AFM | ALL OPTIONS INTERNATIONAL BV | AOINNL21 |
| AFM | COOPERATIEVE CENTRALE RAIFFEISEN BOERENLEENBANK BA | RABONL2URSA |
| AFM | CRITERION ARBITRAGE & TRADING BV | CRBDNL21 |
| AFM | FLORINT BV | FLOINL21 |
| AFM | FLOW TRADERS | FLTRNL21 |
| AFM | GDTA BV | GDTANL21 |
| AFM | IMC TRADING BV | IMTRNL21 |
| AFM | ING BANK N.V. | INGBNL2A |
| AFM | KBC BANK N.V. | KREDBEBB |
| AFM | KEMP TRADING BV | KTNONL21 |
| AFM | KLINKENBERG TRADERS BV | KLTRNL21 |
| AFM | OPTIVER VOF | OPTVNL21 |
| AFM | TIBRA TRADING NETHERLANDS BV | TTTNL21 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| AFM | ABN AMRO BANK N.V. | ABNANL2A |
| AFM | BANCO BILBAO VIZCAYA ARGENTARIA S.A. | BBVAESMM |
| AFM | BANCO SANTANDER, S.A. | BSCHESTM |
| AFM | BARCLAYS BANK PLC | BARCGB22 |
| AFM | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| AFM | COMMERZBANK AG | COBADEFF |
| AFM | COOPERATIEVE CENTRALE RAIFFEISEN BOERENLEENBANK BA | RABONL2URSA |
| AFM | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| AFM | DEUTSCHE BANK AG | DEUTDEFF |

| | | |
|-----|-------------------------------------|-------------|
| AFM | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| AFM | HSBC FRANCE | CCFRFRPP |
| AFM | ING BANK N.V. | INGBNL2A |
| AFM | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| AFM | KBC BANK N.V. | KREDBEBB |
| AFM | NATIXIS | NATXFRPPMAR |
| AFM | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| AFM | NORDEA BANK ABP | NDEAFIHH |
| AFM | RBC EUROPE LIMITED | ROYCGB22 |
| AFM | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| AFM | SOCIÉTÉ GENERALE | SOGEFRPP |
| AFM | UBS LIMITED | UBSWGB24 |

Norway

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| Finanstilsynet (NO) | DNB BANK ASA | DNBANOKX |
| Finanstilsynet (NO) | PARETO SECURITIES AS | PAFNNOK1 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| Finanstilsynet (NO) | DANSKE BANK A/S | DABADKKK |
| Finanstilsynet (NO) | DNB BANK ASA | DNBANOKX |
| Finanstilsynet (NO) | NORDEA BANK ABP | NDEAFIHH |
| Finanstilsynet (NO) | SKANDINAVISKA ENSKILDA BANKEN | ESSENOKX |

Poland

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| KNF | DOM MAKLERSKI BANKU HANDLOWEGO W WARSZAWIE | DOMHPLP1 |
| KNF | DOM MAKLERSKI BANKU OCHRONY ŚRODOWISKA SA | DMOSPLP1 |
| KNF | DOM MAKLERSKI BZ WBK SA | WBKPPLPPCBM |
| KNF | MBANK S.A. BIURO MAKLERSKIE | BREXPLPW |
| KNF | NOBLE SECURITIES SA | DMPNPLP1 |
| KNF | TRIGON DOM MAKLERSKI SA | TROMPLP1 |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| KNF | BANK GOSPODARKI ŻYWNOŚCIOWEJ SA | GOPZPLPW |
| KNF | BANK HANDLOWY W WARSZAWIE | CITIPLPX |
| KNF | BANK MILLENNIUM S.A. | BIGBPLPW |
| KNF | BANK POLSKA KASA OPIEKI SA | PKOPPLPW |
| KNF | BARCLAYS BANK PLC | BARCGB22 |
| KNF | BNP PARIBAS S.A. | BNPAFRPP |
| KNF | BRE BANK SA | DIBRPLP1 |
| KNF | DEUTSCHE BANK AG | DEUTDEFF |
| KNF | ERSTE GROUP BANK AG | GIBAATWG |
| KNF | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| KNF | ING BANK ŚLĄSKI SA | INGBPLPW |
| KNF | J.P. MORGAN SECURITIES PLC | JPMSG2LMOS |
| KNF | KREDYT BANK SA | KRDBPLPW |
| KNF | POWSZECHNA KASA OSZCZĘDNOŚCI BANK POLSKI SA | BPKOPLPW |
| KNF | RAFFEISEN BANK POLSKA SA | RCBWPLPW |
| KNF | SOCIETE GENERALE SA ODDZIAŁ W POLSCE | SOGEPLPW |
| KNF | UBS AG | UBSWCHZH8oA |

Portugal

No market makers use the exemption under the SSR.

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| CMVM | BANCO BILBAO VIZCAYA ARGENTARIA S.A. | BBVAESMM |
| CMVM | BARCLAYS BANK PLC | BARCGB22 |
| CMVM | BNP PARIBAS S.A. | BNPAFRPP |
| CMVM | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| CMVM | COMMERZBANK AG | COBADEFF |
| CMVM | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| CMVM | CREDIT SUISSE SECURITIES (EUROPE) LIMITED | CSFBGB2L |
| CMVM | DANSKE BANK A/S | DABADKKK |
| CMVM | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| CMVM | HSBC FRANCE | CCFRFRPP |
| CMVM | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| CMVM | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| CMVM | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| CMVM | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| CMVM | SOCIÉTÉ GENERALE | SOGEFRPP |

Romania

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| ASF | BANCA COMERCIALA ROMANA | RNCBROBU |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|----------------------------------|----------------------|
| ASF | BRD GROUPE SOCIETE GENERALE S.A. | BRDEROBU |
| ASF | CITI BANK | CITIROBU |
| ASF | ING BANK N.V. | INGBROBU |

Slovakia

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|-------------------------------|----------------------|
| National Bank of Slovakia | UBS AG | UBSWCHZH8oA |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| National Bank of Slovakia | BARCLAYS BANK PLC | BARCGB22 |
| National Bank of Slovakia | CITIBANK EUROPE PLC, BRANCH OF FOREIGN BANK | CITISKBA |
| National Bank of Slovakia | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| National Bank of Slovakia | ERSTE GROUP BANK AG | GIBAATWG |
| National Bank of Slovakia | HSBC FRANCE | CCFRFRPP |
| National Bank of Slovakia | ING BANK N.V. | INGBNL2A |
| National Bank of Slovakia | NATIXIS | NATXFRPPMAR |

Slovenia

No market makers use the exemption under the SSR.

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| ATVP | BARCLAYS BANK PLC | BARCGB22 |
| ATVP | BNP PARIBAS S.A. | BNPAFRPP |
| ATVP | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| ATVP | DEUTSCHE BANK AG | DEUTDEFF |
| ATVP | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| ATVP | HSBC FRANCE | CCFRFRPP |
| ATVP | ING BANK N.V. | INGBNL2A |
| ATVP | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| ATVP | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| ATVP | SOCIÉTÉ GENERALE | SOGEFRPP |
| ATVP | UNICREDIT BANK AG | HYVEDEMM |

Spain

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| CNMV | AHORRO CORPORACION FINANCIERA, S.V, S.A. | AHCFESMM |
| CNMV | BANCO BILBAO VIZCAYA ARGENTARIA, S.A. | BBVAESMM |
| CNMV | BANCO DE SABADELL, S.A. | BSABESBB |
| CNMV | BANCO SANTANDER, S.A. | BSCHESMM |
| CNMV | BANKIA, S.A. | CAHMESMM |
| CNMV | BANKINTER, S.A. | BKBKESMM |
| CNMV | CAIXABANK, S.A. | CAIXESBB |
| CNMV | CECABANK, S.A. | CECAESMM |
| CNMV | CREDIT SUISSE SECURITIES, S.V.,S.A | CRESESM2 |
| CNMV | GESTIÓN DE PATRIMONIOS MOBILIARIOS, S.V., S.A. | GEPMESM1 |
| CNMV | GVC GAESCO BEKA, S.V., S.A. | GVCBESBBETB |
| CNMV | INTERDIN BOLSA, S.V, S.A. | INTOESM1 |
| CNMV | INTERMONEY VALORES, S.V,S.A. | IVALESMM |
| CNMV | LINK SECURITIES, S.V.,S.A. | LISEESMM |
| CNMV | MORGAN STANLEY, S.V., S.A.U. | MSTAESM1 |
| CNMV | RENTA 4 BANCO S.A. | RENBESMM |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--------------------------------------|----------------------|
| CNMV | BANCO BILBAO VIZCAYA ARGENTARIA S.A. | BBVAESMM |
| CNMV | BANCO COOPERATIVO ESPAÑOL, S.A. | BCOEESMM |
| CNMV | BANCO SANTANDER, S.A. | BSCHESMM |
| CNMV | BANKIA, S.A. | CAHMESMM |
| CNMV | BANKINTER S.A. | BKBKESMM |
| CNMV | BARCLAYS BANK PLC | BARCGB22 |
| CNMV | BNP PARIBAS S.A. | BNPAFRPP |
| CNMV | CAIXABANK, S.A. | CAIXESBB |
| CNMV | CECABANK, S.A. | CECAESMM |
| CNMV | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |

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|------|---|-------------|
| CNMV | COMMERZBANK AG | COBADEFF |
| CNMV | CRÉDIT AGRICOLE CORPORATE & INVESTMENT BANK | BSUIFRPP |
| CNMV | DANSKE BANK A/S | DABADKKK |
| CNMV | DEUTSCHE BANK AG | DEUTDEFF |
| CNMV | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| CNMV | HSBC FRANCE | CCFRFRPP |
| CNMV | J.P. MORGAN SECURITIES PLC | JPMSG2LMOS |
| CNMV | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| CNMV | NATIXIS | NATXFRPPMAR |
| CNMV | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| CNMV | SOCIÉTÉ GENERALE | SOGEFRPP |

Sweden

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---|----------------------------------|----------------------|
| Swedish Financial Supervisory Authority | ABG SUNDAL COLLIER ASA | SUCONOK1 |
| Swedish Financial Supervisory Authority | AKTIEINVEST FONDKOMMISSION AB | AIVESES1 |
| Swedish Financial Supervisory Authority | CARNEGIE INVESTMENT BANK AB | CARNSES1 |
| Swedish Financial Supervisory Authority | NORDEA BANK AB (PUBL) | NDEASESS |
| Swedish Financial Supervisory Authority | PARETO SECURITIES AB | OHMJSESS |
| Swedish Financial Supervisory Authority | REMIUM NORDIC AB | REMISES1 |
| Swedish Financial Supervisory Authority | SKANDINAVISKA ENSKILDA BANKEN AB | ESSESESS |
| Swedish Financial Supervisory Authority | SVENSKA HANDELSBANKEN AB | HANDESS |
| Swedish Financial Supervisory Authority | SWEDBANK AB (PUBL) | SWEDSESS |

Authorised primary dealers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---|---|----------------------|
| Swedish Financial Supervisory Authority | BARCLAYS BANK PLC | BARCGB22 |
| Swedish Financial Supervisory Authority | DANSKE BANK A/S, DENMARK, SWEDEN BRANCH | DABASESX |
| Swedish Financial Supervisory Authority | NORDEA BANK ABP | NDEAFIHH |
| Swedish Financial Supervisory Authority | NYKREDIT BANK A/S | NYKBDKKK |
| Swedish Financial Supervisory Authority | ROYAL BANK OF SCOTLAND PLC | RBOSGB2RTCM |
| Swedish Financial Supervisory Authority | SKANDINAVISKA ENSKILDA BANKEN AB | ESSESESS |
| Swedish Financial Supervisory Authority | SVENSKA HANDELSBANKEN AB | HANDESS |
| Swedish Financial Supervisory Authority | SWEDBANK AB | SWEDSESS |

United Kingdom

Market makers

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|--|----------------------|
| FCA | ADG MARKET MAKING LLP | AMMLGB21 |
| FCA | ARDEN PARTNERS PLC | ARRRGB21 |
| FCA | BANK OF AMERICA N.A. | BOFAGB22 |
| FCA | BANK OF MONTREAL (LONDON BRANCH) | BOFMGB2X |
| FCA | BARCLAYS BANK PLC | BARCGB22 |
| FCA | BARCLAYS CAPITAL SECURITIES LIMITED | BARCGBN1 |
| FCA | BMO CAPITAL MARKETS LIMITED | NETHGB21 |
| FCA | BNP PARIBAS UK LIMITED | BNPBGB21 |
| FCA | CANACCORD GENUITY LIMITED | CSTEGB2L |
| FCA | CANADIAN IMPERIAL BANK OF COMMERCE LONDON BRANCH | CIBCGB2L |
| FCA | CANTOR FITZGERALD EUROPE | 149380 |
| FCA | CENKOS SECURITIES PLC | CNKOGB21001 |
| FCA | CITADEL SECURITIES (EUROPE) LIMITED | CDGEGB21 |
| FCA | CITIBANK NA | CITIGB2L |
| FCA | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| FCA | CREDIT SUISSE INTERNATIONAL | CSFPGB2L |
| FCA | CREDIT SUISSE SECURITIES (EUROPE) LIMITED | CSFBGB2L |
| FCA | CTC LONDON LIMITED | CTLNGB21 |
| FCA | DEXION CAPITAL PLC | DEXCGB21 |
| FCA | DRW INVESTMENTS (UK) LIMITED | DRWIGB21 |
| FCA | EXANE LIMITED | EXFLGB21 |
| FCA | FINNCAP LTD | JMCMGB21 |
| FCA | GAIR LOCH ENTERPRISES LTD | GALNGB21 |
| FCA | GFI SECURITIES LIMITED | GFIGGB2L |
| FCA | GMP SECURITIES EUROPE LLP | GMPSGB21 |
| FCA | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |

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| FCA | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| FCA | HSBC BANK PLC | MIDLGB22 |
| FCA | HUDSON RIVER TRADING EUROPE LTD. | HRTEGB21 |
| FCA | IG MARKETS LTD | IGMLGB21 |
| FCA | INVESTEC BANK PLC | IHCSGB21002 |
| FCA | ISM CAPITAL LLP | ISCLGB21 |
| FCA | JANE STREET FINANCIAL LIMITED | JASFGB21 |
| FCA | J.P. MORGAN CHASE BANK NA LONDON BRANCH | CHASGB2L |
| FCA | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| FCA | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| FCA | KCG EUROPE LIMITED | NITEGB2L |
| FCA | LIBERUM CAPITAL LIMITED | 465050 |
| FCA | LIQUID CAPITAL MARKETS LIMITED | LICRGB21 |
| FCA | LLOYDS BANK CORPORATE MARKETS PLC | LLCMGB22 |
| FCA | LLOYDS BANK PLC | LOYDGB2L |
| FCA | MACQUARIE CAPITAL EUROPE LIMITED | MAPUGB21 |
| FCA | MAKO GLOBAL DERIVATIVES PARTNERSHIP LLP | MAKGGB21 |
| FCA | MAVEN DERIVATIVES LIMITED | MADTGB21 |
| FCA | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| FCA | MITSUBISHI UFJ SECURITIES INTERNATIONAL PLC | MTILGB2L |
| FCA | MIZUHO INTERNATIONAL PLC | IBJIGB2L |
| FCA | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| FCA | MORGAN STANLEY & CO. LLC | MSNYUS33 |
| FCA | MORGAN STANLEY CAPITAL SERVICES LLC | MSCSUS33 |
| FCA | NATWEST MARKETS PLC | RBOSGB2RTCM |
| FCA | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| FCA | NPLUS ₁ SINGER CAPITAL MARKETS LIMITED | SNGRGB21 |
| FCA | NUMIS SECURITIES LIMITED | NUSEGB21 |

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|-----|---------------------------------------|-------------|
| FCA | PANMURE GORDON (UK) LIMITED | PMURGB2L |
| FCA | PEEL HUNT LLP | 530083 |
| FCA | PRINCIPLE TRADING LLP | PRTPG21 |
| FCA | QUBE FUND LTD | |
| FCA | RBC EUROPE LIMITED | ROYCGB22 |
| FCA | SCOTIABANK EUROPE PLC | NOSCGB2L |
| FCA | SHORE CAPITAL SECURITIES LIMITED | SHOCGB2L |
| FCA | SOCIETE GENERALE INTERNATIONAL LTD | NEWGGB2L |
| FCA | SPIRE EUROPE LIMITED | SPIRGB21 |
| FCA | STANDARD BANK PLC | SBLRGB2L |
| FCA | STANDARD CHARTERED | SCBLRGB2L |
| FCA | THE BANK OF NOVA SCOTIA LONDON BRANCH | NOSCGB22 |
| FCA | THE KYTE GROUP LIMITED | KYGRGB21 |
| FCA | TIBRA TRADING EUROPE LIMITED | TITRGB21 |
| FCA | UBS AG (HEAD OFFICE, ZURICH) | UBSWCHZH |
| FCA | UBS AG (LONDON BRANCH) | UBSWG2L |
| FCA | UBS LIMITED | UBSWG24 |
| FCA | WESTHOUSE SECURITIES LIMITED | WSLPGB21 |
| FCA | WH IRELAND LIMITED | WHISGB21 |
| FCA | WINTERFLOOD SECURITIES LIMITED | WNTSGB21 |
| FCA | WOLVERINE TRADING UK LIMITED | WOTRGB21 |
| FCA | INSTINET EUROPE LIMITED | ISNTGB2L |
| FCA | JUMP TRADING INTERNATIONAL LIMITED | JTRNGB21 |
| FCA | RONIN TRADING EUROPE LLP | RTEPGB21 |
| FCA | STIFEL NICOLAUS EUROPE LIMITED | STNOGB21STF |

| Name of the informing CA: | Name of the notifying person: | ID code* (e.g. BIC): |
|---------------------------|---|----------------------|
| FCA | ABBEY NATIONAL TREASURY SERVICES PLC | ANTSGB2L |
| FCA | BANCO SANTANDER S.A. LONDON BRANCH | BSCHGB2L |
| FCA | BANK OF AMERICA SECURITIES LIMITED | BOFAGB2U |
| FCA | BARCLAYS BANK PLC | BARCGB22 |
| FCA | BNP PARIBAS S.A. | BNPAFRPP |
| FCA | CITIGROUP GLOBAL MARKETS LIMITED | SBILGB2L |
| FCA | CREDIT SUISSE SECURITIES (EUROPE) LIMITED | CSFBGB2L |
| FCA | DEUTSCHE BANK AG | DEUTDEFF |
| FCA | GOLDMAN SACHS INTERNATIONAL | GSILGB2X |
| FCA | GOLDMAN SACHS INTERNATIONAL BANK | GOSNGB2L |
| FCA | HSBC BANK PLC | MIDLGB21 |
| FCA | J.P. MORGAN SECURITIES PLC | JPMSGB2LMOS |
| FCA | JEFFERIES INTERNATIONAL LIMITED | JEFFGB2X |
| FCA | LLOYDS BANK CORPORATE MARKETS PLC | LLCMGB22 |
| FCA | LLOYDS BANK PLC | LOYDGB2L |
| FCA | MERRILL LYNCH INTERNATIONAL | MLILGB3L |
| FCA | MERRILL LYNCH INTERNATIONAL BANK LIMITED | MLIBGB2J |
| FCA | MORGAN STANLEY & CO INTERNATIONAL PLC | MSLNGB2X |
| FCA | NATWEST MARKETS PLC | RBOSGB2RTCM |
| FCA | NOMURA INTERNATIONAL PLC | NOMAGB2L |
| FCA | RBC EUROPE LIMITED | ROYCGB22 |
| FCA | SCOTIABANK EUROPE PLC | NOSCGB2L |
| FCA | SOCIETE GENERALE SA | SOGEFRPPHCM |
| FCA | THE TORONTO-DOMINION BANK LONDON BRANCH | TDOMGB2L |
| FCA | UBS LIMITED | UBSWGB24 |
| FCA | WINTERFLOOD SECURITIES LIMITED | WNTSGB21 |