

The following list of symbols specifies which firms are registered to supply liquidity for each symbol in 2021-02-26:

➤ 1COVd - Covestro AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ 2GBd - 2G Energy AG

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ A2Am - A2A SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ A3Me - Atresmedia Corp de Medios de Comunicacion SA

HRTEU Limited (Program Two)

➤ AADd - Amadeus Fire AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ AAGd - Aumann AG

HRTEU Limited (Program Two)

➤ AAKs - AAK AB

HRTEU Limited (Program Two)

➤ AALBa - Aalberts NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ABCAp - ABC arbitrage

HRTEU Limited (Program Two)

➤ ABIOp - Albioma SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ABIB - Anheuser-Busch InBev SA/NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ABNa - ABN AMRO Bank NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ABRd - Barrick Gold Corp

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ ABp - AB Science SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ACADs - AcadeMedia AB

HRTEU Limited (Program Two)

➤ ACAP - Credit Agricole SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ACCELa - Accell Group NV

HRTEU Limited (Program Two)

➤ ACEm - ACEA SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ ACKBb - Ackermans & van Haaren NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ACOMOa - Amsterdam Commodities NV

HRTEU Limited (Program Two)

➤ ACRo - Axactor SE

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ ACSe - ACS Actividades de Construccion y Servicios SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ACXd - bet-at-home.com AG

HRTEU Limited (Program Two)

➤ ACXe - Acerinox SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ACp - Accor SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ ADEo - Adevinta ASA

Qube Master Fund Limited (Program One)

➤ ADJd - ADLER Group SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ADLd - ADLER Real Estate AG

HRTEU Limited (Program Two)

➤ ADPp - Aeroports de Paris

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ADSd - adidas AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ ADVd - ADVA Optical Networking SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ADYENa - Adyen NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)

➤ ADa - Koninklijke Ahold Delhaize NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ AEDASe - Aedas Homes SA

HRTEU Limited (Program Two)

➤ AEDb - Aedifica SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ AEFm - Aeffe SpA

HRTEU Limited (Program Two)

➤ AEINd - Allgeier SE

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ AENAe - Aena SME SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ AFBs - AF Poyry AB

HRTEU Limited (Program Two)

➤ AFXd - Carl Zeiss Meditec AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ AFp - Air France-KLM

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)

➤ AGASo - Avance Gas Holding Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)
Virtu Financial Ireland Ltd (Program Two)

➤ AGFBb - AGFA-Gevaert NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ AGLm - Autogrill SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ AGNa - Aegon NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ AGRv - Agrana Beteiligungs AG

HRTEU Limited (Program Two)

➤ AGSb - Ageas SA/NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ AIRd - Airbus SE

Citadel Securities GCS (Ireland) Limited (Program Three)
Societe Generale SA (Program Three)

➤ AIRp - Airbus SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ AIXAd - AIXTRON SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ Alp - Air Liquide SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ AKASTo - Akastor ASA

HRTEU Limited (Program Two)

➤ AKAp - Akka Technologies

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ AKERo - Aker ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ AKEp - Arkema SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Three)
Societe Generale SA (Program Three)

➤ AKRBPo - Aker BP ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ AKSOo - Aker Solutions ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ AKWp - AKWEL

HRTEU Limited (Program Two)

➤ AKZAa - Akzo Nobel NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ ALBe - Corp Financiera Alba SA

HRTEU Limited (Program Two)

➤ ALDp - ALD SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ALFAs - Alfa Laval AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ALFENa - Alfen Beheer BV

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ ALIGs - Alimak Group AB

HRTEU Limited (Program Two)

➤ ALIVs - Autoliv Inc

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ALKBc - ALK-Abello A/S

HRTEU Limited (Program Two)

➤ ALMBc - Alm Brand A/S

HRTEU Limited (Program Two)

➤ ALMe - Almirall SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ ALOp - Alstom SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ALTAp - Altea SCA

HRTEU Limited (Program Two)

➤ ALTRu - Altri SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ALVd - Allianz SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ AM1h - Ahlstrom-Munksjo Oyj

HRTEU Limited (Program Two)

➤ AM3Dd - SLM Solutions Group AG

HRTEU Limited (Program Two)

➤ AMBUBc - Ambu A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ AMGa - AMG Advanced Metallurgical Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ AMPm - Amplifon SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ AMSe - Amadeus IT Group SA

BRED Banque Populaire (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ AMUNp - Amundi SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ AMp - Dassault Aviation SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ ANAe - Acciona SA

HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ ANDRv - ANDRITZ AG

HRTEU Limited (Program Two)

➤ ANIMm - Anima Holding SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ AOXd - alstria office REIT-AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ APAMa - APERAM SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ APPSe - Applus Services SA

HRTEU Limited (Program Two)

➤ AR4d - AURELIUS Equity Opportunities SE & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ ARCADa - Arcadis NV

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ ARGXb - Argenx SE

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)

➤ ARLd - Aareal Bank AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ ASCm - Ascopiave SpA

HRTEU Limited (Program Two)

➤ ASMLa - ASML Holding NV

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ ASMa - ASM International NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ASRNLa - ASR Nederland NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ ASSABs - Assa Abloy AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ ASTm - Astaldi SpA

HRTEU Limited (Program Two)

➤ AT1d - Aroundtown SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ ATCOAs - Atlas Copco AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ATCOBs - Atlas Copco AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ATEAo - Atea ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ATEp - Alten SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ATLm - Atlantia SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ ATOp - Atos SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ATRsv - Atrium European Real Estate Ltd

HRTEU Limited (Program Two)

➤ ATsv - AT&S Austria Technologie & Systemtechnik AG

HRTEU Limited (Program Two)

➤ ATTs - Attendo AB

HRTEU Limited (Program Two)

➤ ATm - ASTM SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ AUBp - Aubay

HRTEU Limited (Program Two)

➤ [AURSp - AURES Technologies SA](#)

HRTEU Limited (Program Two)

➤ [AUSSo - Austevoll Seafood ASA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ [AUTME m - Autostrade Meridionali SpA](#)

HRTEU Limited (Program Two)

➤ [AVIO m - Avio SpA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ [AVSTk - Avast PLC](#)

Erste Group Bank AG (Program Three)

➤ [AXFOs - Axfood AB](#)

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ [AZM m - Azimut Holding SpA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ [AZNs - AstraZeneca PLC](#)

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ [B2Ho - B2Holding ASA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ B4Bd - METRO AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ B5Ad - Bauer AG

HRTEU Limited (Program Two)

➤ BAKKAo - Bakkafrost P/F

Citadel Securities GCS (Ireland) Limited (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BALDBs - Fastighets AB Balder

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BALTab - Balta Group SA

HRTEU Limited (Program Two)

➤ BAMIm - Banco BPM SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ BAMNBa - Koninklijke BAM Groep NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BARb - Barco NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BASd - BASF SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ BAVAc - Bavarian Nordic A/S

HRTEU Limited (Program Two)

➤ BAYNd - Bayer AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ BBEDa - Beter Bed Holding NV

HRTEU Limited (Program Two)

➤ BBVAe - Banco Bilbao Vizcaya Argentaria SA

HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BBp - Societe BIC SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BC8d - Bechtle AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ BCARTb - Biocartis Group NV

HRTEU Limited (Program Two)

➤ BCPu - Banco Comercial Portugues SA

HRTEU Limited (Program Two)

➤ BCm - Brunello Cucinelli SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ BDTd - Bertrandt AG

HRTEU Limited (Program Two)

➤ BEFBb - Befimmo SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BEId - Beiersdorf AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BEKBb - Bekaert SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BENp - Beneteau SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BESla - BE Semiconductor Industries NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BETSBs - Betsson AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BFFm - Banca Farmafactoring SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ BFGm - BF SpA

HRTEU Limited (Program Two)

➤ BFITa - Basic-Fit NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BFSAd - Befesa SA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ BGNm - Banca Generali SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ BGv - BAWAG Group AG

HRTEU Limited (Program Two)

➤ BIGp - Bigben Interactive

HRTEU Limited (Program Two)

➤ BIIAs - Bilia AB

HRTEU Limited (Program Two)

➤ BILs - BillerudKorsnas AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BIMp - BioMerieux

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BIOABs - BioArctic AB

HRTEU Limited (Program Two)

➤ BIOGBs - BioGaia AB

HRTEU Limited (Program Two)

➤ BIOTs - Biotage AB

HRTEU Limited (Program Two)

➤ BIRGi - Bank of Ireland Group PLC

HRTEU Limited (Program Two)

➤ BKIAe - Bankia SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BKTe - Bankinter SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BLCp - Bastide le Confort Medical

HRTEU Limited (Program Two)

➤ BMAXs - Bygghmax Group AB

HRTEU Limited (Program Two)

➤ BMEDm - Banca Mediolanum SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ BMPSm - Banca Monte dei Paschi di Siena SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BMW3d - Bayerische Motoren Werke AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BMWd - Bayerische Motoren Werke AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BNPP - BNP Paribas SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ BNRd - Brenntag SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ BNp - Danone SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ BOIp - Boiron SA

HRTEU Limited (Program Two)

➤ BOKAa - Boskalis Westminster

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BOLp - Bollore SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BOLs - Boliden AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ BONABs - Bonava AB

HRTEU Limited (Program Two)

➤ BONp - Bonduelle SCA

HRTEU Limited (Program Two)

➤ BOOZTs - Boozt AB

HRTEU Limited (Program Two)

➤ BORRo - Borr Drilling Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ BOSSd - HUGO BOSS AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ BOc - Bang & Olufsen A/S

HRTEU Limited (Program Two)

➤ BPEm - BPER Banca

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ BPOSTb - bpost SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ BPSOm - Banca Popolare di Sondrio SCPA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ BRAVs - Bravida Holding AB

HRTEU Limited (Program Two)

➤ BREm - Freni Brembo SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ BRGo - Borregaard ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ BRIm - Brioschi Sviluppo Immobiliare SpA

HRTEU Limited (Program Two)

➤ BRNLa - Brunel International NV

HRTEU Limited (Program Two)

➤ BSLd - Basler AG

HRTEU Limited (Program Two)

➤ BSSm - Biesse SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ BSTm - Banca Sistema SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ BUFABs - Bufab AB

HRTEU Limited (Program Two)

➤ BUREs - Bure Equity AB

HRTEU Limited (Program Two)

➤ BVBD - Borussia Dortmund GmbH & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BVlp - Bureau Veritas SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ BWLPGo - BW LPG Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ BWOo - BW Offshore Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ BYW6d - BayWa AG

HRTEU Limited (Program Two)

➤ BZUm - Buzzi Unicem SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ CABKe - CaixaBank SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ CAFe - Construcciones y Auxiliar de Ferrocarriles SA

HRTEU Limited (Program Two)

➤ **CAIm - Cairo Communication SpA**

HRTEU Limited (Program Two)

➤ **CAIv - CA Immobilien Anlagen AG**

HRTEU Limited (Program Two)

➤ **CAPp - Capgemini SE**

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ **CARLBC - Carlsberg AS**

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ **CARMp - Carmila SA**

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ **CARRm - Carraro SpA/Campodarsego**

HRTEU Limited (Program Two)

➤ **CASHe - Prosegur Cash SA**

HRTEU Limited (Program Two)

➤ **CASSm - Societa Cattolica di Assicurazioni SC**

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ **CASTs - Castellum AB**

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ **CAV1Vh - Caverion Oyj**

HRTEU Limited (Program Two)

➤ CAp - Carrefour SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ CBKd - Commerzbank AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ CCAPd - Corestate Capital Holding SA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ CCEPa - Coca-Cola European Partners PLC

HRTEU Limited (Program Two)

➤ CDAp - Cie des Alpes

HRTEU Limited (Program Two)

➤ CDIp - Christian Dior SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ CE2d - CropEnergies AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ CECd - CECONOMY AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ CEMm - Cementir Holding NV

HRTEU Limited (Program Two)

➤ CENp - Groupe Crit

HRTEU Limited (Program Two)

➤ CERVm - Cerved Group SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ CEVIs - Cellavision AB

HRTEU Limited (Program Two)

➤ CEZk - CEZ AS

Erste Group Bank AG (Program Three)

➤ CEm - Credito Emiliano SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)

➤ CFEBb - Cie d'Entreprises CFE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ CGCBVh - Cargotec Oyj

HRTEU Limited (Program Two)

➤ CGGp - CGG SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ CGMp - Cegedim SA

HRTEU Limited (Program Two)

➤ CHRc - Chr Hansen Holding A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ CIEe - CIE Automotive SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ CIRm - CIR SpA-Compagnie Industriali

HRTEU Limited (Program Two)

➤ CLABs - Cloetta AB

HRTEU Limited (Program Two)

➤ CLASBs - Clas Ohlson AB

HRTEU Limited (Program Two)

➤ CLAp - Claranova SADIR

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ CLNXe - Cellnex Telecom SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ CNFp - Caisse Regionale de Credit Agricole Mutuel Nord de France

HRTEU Limited (Program Two)

➤ CNHIm - CNH Industrial NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two and Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ CNPp - CNP Assurances

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ COFAp - Coface SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ COFBb - Cofinimmo SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ COKd - CANCOM SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ COLOBc - Coloplast A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ COLRb - Etablissements Franz Colruyt NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ COLe - Inmobiliaria Colonial Socimi SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ CONd - Continental AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ COPd - CompuGroup Medical SE & Co KgaA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ CORu - Corticeira Amorim SGPS SA

HRTEU Limited (Program Two)

➤ COVp - Covivio

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ COXp - Nicox

HRTEU Limited (Program Two)

➤ COp - Casino Guichard Perrachon SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ CPINvb - Care Property Invest NV

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ CPRm - Davide Campari-Milano NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ CRBNa - Corbion NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ CRGi - CRH PLC

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ CRIp - Chargeurs SA

HRTEU Limited (Program Two)

➤ CSp - AXA SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ CTTu - CTT-Correios de Portugal SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ CTY1Sh - Citycon Oyj

HRTEU Limited (Program Two)

➤ CVALm - Credito Valtellinese SpA

HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)

➤ CWCd - Cewe Stiftung & Co KGAA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ CYADb - Celyad Oncology SA

HRTEU Limited (Program Two)

➤ DAId - Daimler AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ DALm - Datalogic SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ DANRm - Danieli & C Officine Meccaniche SpA

HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)

➤ DANSKc - Danske Bank A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DANm - Danieli & C Officine Meccaniche SpA

HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)

➤ DB1d - Deutsche Boerse AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DBANd - Deutsche Beteiligungs AG

HRTEU Limited (Program Two)

➤ DBGp - Derichebourg SA

HRTEU Limited (Program Two)

➤ DBKd - Deutsche Bank AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DBVp - DBV Technologies SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ DEAm - DeA Capital SpA

HRTEU Limited (Program Two)

➤ DECp - JCDecaux SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ DEMANc - Demant A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ DEQd - Deutsche EuroShop AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ DEZd - Deutz AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ DFDSc - Dfds A/S

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ DGp - Vinci SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ DHERd - Delivery Hero SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)

➤ DIAe - Distribuidora Internacional de Alimentacion SA

HRTEU Limited (Program Two)

➤ DIAm - DiaSorin SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ DIBm - Digital Bros SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ DICd - DIC Asset AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ DIEb - D'ieteren SA/NV

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ DIMp - Sartorius Stedim Biotech

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ DIOSs - Dios Fastigheter AB

HRTEU Limited (Program Two)

➤ DISm - d'Amico International Shipping SA

HRTEU Limited (Program Two)

➤ DLGd - Dialog Semiconductor PLC

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ DLGm - De' Longhi SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Squarepoint Master Fund Ltd (Program One)

➤ DNBo - DNB ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ DNORDc - D/S Norden A/S

HRTEU Limited (Program Two)

➤ DNOo - DNO ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ DOCv - DO & CO AG

HRTEU Limited (Program Two)

➤ DOMs - Dometic Group AB

HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ DOVm - doValue SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Intermonte Sim SPA (Program Two)

➤ DPWd - Deutsche Post AG

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ DRId - 1&1 Drillisch AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ DRW3d - Draegerwerk AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ DSMa - Koninklijke DSM NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ DSVc - DSV PANALPINA A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DSYp - Dassault Systemes SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DTEd - Deutsche Telekom AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DUEd - Duerr AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ DUSTs - Dustin Group AB

HRTEU Limited (Program Two)

➤ DVTp - Devoteam SA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ DWNld - Deutsche Wohnen SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ DWSd - DWS Group GmbH & Co KGaA

HRTEU Limited (Program Two)

➤ EATe - AmRest Holdings SE

HRTEU Limited (Program Two)

➤ EBROe - Ebro Foods SA

HRTEU Limited (Program Two)

➤ EBSv - Erste Group Bank AG

HRTEU Limited (Program Two)

➤ ECMPAa - Eurocommercial Properties NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ECONBb - Econocom Group SA/NV

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ECRe - Ercros SA

HRTEU Limited (Program Two)

➤ ECVd - Encavis AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ EDENp - Edenred

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ EDFp - Electricite de France SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ EDNRm - Edison SpA

HRTEU Limited (Program Two)

➤ EDPRu - EDP Renovaveis SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ EDPu - EDP - Energias de Portugal SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ EGLu - Mota-Engil SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ EKTABs - Elekta AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ EKTe - Euskaltel SA

HRTEU Limited (Program Two)

➤ ELCm - Elica SpA

HRTEU Limited (Program Two)

➤ ELEe - Endesa SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ELGd - Elmos Semiconductor SE

HRTEU Limited (Program Two)

➤ ELIORp - Elior Group SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ELISAh - Elisa Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ELISp - Elis SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ ELIb - Elia Group SA/NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ ELNm - El.En. SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ELTELS - Eltel AB

HRTEU Limited (Program Two)

➤ ELUXBs - Electrolux AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ELp - EssilorLuxottica SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)

➤ EMm - Emak SpA

HRTEU Limited (Program Two)

➤ ENAVm - Enav SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Squarepoint Master Fund Ltd (Program One)

➤ ENCe - Ence Energia y Celulosa SA

HRTEU Limited (Program Two)

➤ ENELm - Enel SpA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Two and Three)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ ENGIp - Engie SA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ ENGe - Enagas SA

HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ ENIm - Eni SpA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Two and Three)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)
 Tower Research Capital Europe BV (Program Two)

➤ ENRd - Siemens Energy AG

Jump Trading Europe B.V. (Program Three)

➤ ENTR Ao - Entra ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ ENXp - Euronext NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ ENp - Bouygues SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ EOANd - E.ON SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ EOp - Faurecia SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ EPIAs - Epiroc AB

HRTEU Limited (Program Two)

➤ EPIBs - Epiroc AB

HRTEU Limited (Program Two)

➤ EPRo - Europris ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ EQNRo - Equinor ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ ERAp - Eramet SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ ERFp - Eurofins Scientific SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ERGm - ERG SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ ERICBs - Telefonaktiebolaget LM Ericsson

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ ESSIBs - Essity AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ETHm - Eurotech SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ETLp - Eutelsat Communications SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ EUCARp - Europcar Mobility Group

HRTEU Limited (Program Two)

➤ EURNb - Euronav NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ EUZd - Eckert & Ziegler Strahlen- und Medizintechnik AG

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ EVDD - CTS Eventim AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ EVKd - Evonik Industries AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ EVNv - EVN AG

HRTEU Limited (Program Two)

➤ EVOs - Evolution Gaming Group AB

Qube Master Fund Limited (Program One)

➤ EVSb - EVS Broadcast Equipment SA

HRTEU Limited (Program Two)

➤ EVTd - Evotec SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ EXMb - Exmar NV

HRTEU Limited (Program Two)

➤ EXOm - EXOR NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two and Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ EZEe - Grupo Ezentis SA

HRTEU Limited (Program Two)

➤ F3Cd - SFC Energy AG

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ FABGs - Fabege AB

HRTEU Limited (Program Two)

➤ FACCv - FACC AG

HRTEU Limited (Program Two)

➤ FAEe - Faes Farma SA

HRTEU Limited (Program Two)

➤ FAGRb - Fagron

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ FBKm - FincoBank Banca Finco SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ FCCe - Fomento de Construcciones y Contratas SA

HRTEU Limited (Program Two)

➤ FCTm - Fincantieri SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ **FDAm - Fidia SpA**

HRTEU Limited (Program Two)

➤ **FDJp - La Francaise des Jeux SAEM**

DRW Global Markets Limited (Program Three)

➤ **FDRé - Fluidra SA**

HRTEU Limited (Program Two)

➤ **FERé - Ferrovial SA**

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ **FFARMa - ForFarmers NV**

HRTEU Limited (Program Two)

➤ **FFPp - FFP**

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ **FGAp - FIGEAC-AERO**

HRTEU Limited (Program Two)

➤ **FGRp - Eiffage SA**

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ **FIA1Sh - Finnair Oyj**

HRTEU Limited (Program Two)

➤ **FIEd - Fielmann AG**

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ [FIIP - LISI](#)

HRTEU Limited (Program Two)

➤ [FILAm - Fila SpA](#)

HRTEU Limited (Program Two)

➤ [FINGBs - Fingerprint Cards AB](#)

HRTEU Limited (Program Two)

➤ [FKRm - Falck Renewables SpA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ [FLNGo - FLEX LNG Ltd](#)

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ [FLOWa - Flow Traders](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ [FLSc - FLSmidth & Co A/S](#)

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ [FLTRi - Flutter Entertainment PLC](#)

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ [FLUv - Flughafen Wien AG](#)

HRTEU Limited (Program Two)

➤ [FLYp - Societe Fonciere Lyonnaise SA](#)

HRTEU Limited (Program Two)

➤ FMEd - Fresenius Medical Care AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ FMm - Fiera Milano SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ FNACp - Fnac Darty SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ FNMm - FNM SpA

HRTEU Limited (Program Two)

➤ FNTNd - Freenet AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ FORTMh - Fortum Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ FPE3d - FUCHS PETROLUB SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ FPEd - FUCHS PETROLUB SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ FPp - TOTAL SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ FRAd - Fraport AG Frankfurt Airport Services Worldwide

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ FREd - Fresenius SE & Co KGaA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ FROo - Frontline Ltd/Bermuda

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ FRUd - Ferratum Oyj

HRTEU Limited (Program Two)

➤ FRp - Valeo SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ FTIp - TechnipFMC PLC

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Three)
Societe Generale SA (Program Three)

➤ FURa - Fugro NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ G1Ad - GEA Group AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ G24d - Scout24 AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ GALPu - Galp Energia SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GBFd - Bilfinger SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ GBLBb - Groupe Bruxelles Lambert SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GBSp - Gold Bullion Securities Ltd

HRTEU Limited (Program Two)

➤ GBTp - Guerbet

HRTEU Limited (Program Two)

➤ GCOe - Grupo Catalana Occidente SA

HRTEU Limited (Program Two)

➤ GEOm - Geox SpA

HRTEU Limited (Program Two)

➤ GESTe - Gestamp Automocion SA

HRTEU Limited (Program Two)

➤ GETIBs - Getinge AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GETp - Getlink SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ GEm - Gefran SpA

HRTEU Limited (Program Two)

➤ GFCp - Gecina SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ GFTd - GFT Technologies SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ GIGo - Gaming Innovation Group Inc

HRTEU Limited (Program Two)

➤ GILd - DMG Mori AG

HRTEU Limited (Program Two)

➤ GIMBb - Gimv NV

HRTEU Limited (Program Two)

➤ GJFo - Gjensidige Forsikring ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GL9i - Glanbia PLC

HRTEU Limited (Program Two)

➤ GLEp - Societe Generale SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ GLJd - GRENKE AG

DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ GLPGa - Galapagos NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GMABc - Genmab A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ GMMd - Grammer AG

HRTEU Limited (Program Two)

➤ GNFTp - Genfit

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ GNc - GN Store Nord AS

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GOGLo - Golden Ocean Group Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ GREENb - Greenyard NV

HRTEU Limited (Program Two)

➤ GRFPe - Grifols SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)

➤ GRFe - Grifols SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ GRNGs - Granges AB

HRTEU Limited (Program Two)

➤ GSFo - Grieg Seafood ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ GTTp - Gaztransport Et Technigaz SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ GNVVa - GrandVision NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ GVSm - GVS SpA

HRTEU Limited (Program Two)

➤ GXId - Gerresheimer AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Societe Generale SA (Program Three)

➤ GYCd - Grand City Properties SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)

➤ Gm - Assicurazioni Generali SpA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)
 Tower Research Capital Europe BV (Program Two)

➤ HABAd - Hamborner REIT AG

HRTEU Limited (Program Two)

➤ HALa - HAL Trust

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ HBHd - Hornbach Holding AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ HBMD - Hornbach Baumarkt AG

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ HDDd - Heidelberger Druckmaschinen AG

HRTEU Limited (Program Two)

➤ HDGa - Hunter Douglas NV

HRTEU Limited (Program Two)

➤ HEIAa - Heineken NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ HEIJMa - Heijmans NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ HEIOa - Heineken Holding NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ HEId - HeidelbergCement AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ HEN3d - Henkel AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ HENd - Henkel AG & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ HERm - Hera SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ HEXABs - Hexagon AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ HEXo - Hexagon Composites ASA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ HFGd - HelloFresh SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
Jump Trading Europe B.V. (Program Three)

➤ HHFAd - Hamburger Hafen und Logistik AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ HLAGd - Hapag-Lloyd AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ HLEd - Hella GmbH & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ HMBs - H & M Hennes & Mauritz AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ HNR1d - Hannover Rueck SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ HNSAs - Hansa Biopharma AB

HRTEU Limited (Program Two)

➤ HOFIs - Hoist Finance AB

HRTEU Limited (Program Two)

➤ HOLMBs - Holmen AB

HRTEU Limited (Program Two)

➤ HOMEe - Neinor Homes SA

HRTEU Limited (Program Two)

➤ HOTd - HOCHTIEF AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ HOp - Thales SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ HPOLBs - Hexpol AB

HRTEU Limited (Program Two)

➤ HUFVAs - Hufvudstaden AB

HRTEU Limited (Program Two)

➤ HUH1Vh - Huhtamaki Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ HUSQBs - Husqvarna AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ HYQd - Hypoport SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ IAGe - International Consolidated Airlines Group SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two and Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ IBABb - Ion Beam Applications

HRTEU Limited (Program Two)

➤ IBEE - Iberdrola SA

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)

➤ ICADp - ICADE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ ICAs - ICA Gruppen AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ IDRe - Indra Sistemas SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ IFXd - Infineon Technologies AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ IFm - Banca IFIS SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ IGDm - Immobiliare Grande Distribuzione SIIQ SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ IGM - Italgas SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ IIAv - IMMOFINANZ AG

HRTEU Limited (Program Two)

➤ ILDp - Iliad SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ ILTYm - Illimity Bank SpA

HRTEU Limited (Program Two)

➤ IMCDa - IMCD NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ IMSm - IMMSI SpA

HRTEU Limited (Program Two)

➤ INDTs - Indutrade AB

HRTEU Limited (Program Two)

➤ INDUAs - Industrivarden AB

HRTEU Limited (Program Two)

➤ INDUCs - Industrivarden AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ INGAa - ING Groep NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ INHd - Indus Holding AG

HRTEU Limited (Program Two)

➤ INTERa - Intertrust NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ INTOb - Intervest Offices & Warehouses NV

HRTEU Limited (Program Two)

➤ INTRUs - Intrum AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ INVEAs - Investor AB

HRTEU Limited (Program Two)

➤ INVEBs - Investor AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ INWIs - Inwido AB

HRTEU Limited (Program Two)

➤ INWm - Infrastrutture Wireless Italiane SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Squarepoint Master Fund Ltd (Program One)

➤ IPHp - Innate Pharma SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ IPNp - Ipsen SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ IPSp - IPSOS

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ IPm - Interpump Group SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ IREm - Iren SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Intermonte Sim SPA (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ ISPm - Intesa Sanpaolo SpA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Intermonte Sim SPA (Program Two)
 Jump Trading Europe B.V. (Program Two and Three)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ **ISRd - Isra Vision AG**

HRTEU Limited (Program Two)

➤ **ISSc - ISS A/S**

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ **ITMm - Italmobiliare SpA**

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ **ITPp - Interparfums SA**

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ **ITXe - Industria de Diseno Textil SA**

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ **IVUd - IVU Traffic Technologies AG**

HRTEU Limited (Program Two)

➤ **JCQp - Jacquet Metals SA**

HRTEU Limited (Program Two)

➤ **JDEPa - JDE Peet's NV**

DRW Global Markets Limited (Program Three)

➤ **JENd - Jenoptik AG**

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ **JMTu - Jeronimo Martins SGPS SA**

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ JMs - JM AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ JSTd - JOST Werke AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ JUN3d - Jungheinrich AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ JUVEm - Juventus Football Club SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ JYSKc - Jyske Bank A/S

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ KAROs - Karo Pharma AB

HRTEU Limited (Program Two)

➤ KBCAb - KBC Ancora

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ KBCb - KBC Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ KBXd - Knorr-Bremse AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ KCOd - Kloeckner & Co SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ KCRh - Konecranes Oyj

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ KDSa - Kiadis Pharma NV

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ KEMIRh - Kemira Oyj

HRTEU Limited (Program Two)

➤ KENDRa - Kendrion NV

HRTEU Limited (Program Two)

➤ KERp - Kering SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ KESKBh - Kesko Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ KGXd - KION Group AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ KINDs - Kindred Group PLC

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ KINVBs - Kinnevik AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ KINb - Kinpolis Group NV

HRTEU Limited (Program Two)

➤ KLEDs - Kungsleden AB

HRTEU Limited (Program Two)

➤ KLOVBs - Klovern AB

HRTEU Limited (Program Two)

➤ KNEBVh - Kone Oyj

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ KNp - Natixis SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ KOAo - Kongsberg Automotive ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ KOFp - Kaufman & Broad SA

HRTEU Limited (Program Two)

➤ KOGGo - Kongsberg Gruppen ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ KOJAMh - Kojamo Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ [KOMBk - Komerčni banka as](#)

Erste Group Bank AG (Program Three)

➤ [KORIp - Korian SA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ [KPNa - Koninklijke KPN NV](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ [KRNd - Krones AG](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ [KRXi - Kingspan Group PLC](#)

HRTEU Limited (Program Two)

➤ [KRZi - Kerry Group PLC](#)

HRTEU Limited (Program Two)

➤ [KTCGv - Kapsch TrafficCom AG](#)

HRTEU Limited (Program Two)

➤ [KU2d - KUKA AG](#)

HRTEU Limited (Program Two)

➤ [KWSd - KWS Saat SE & Co KGaA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ [LATOBS - Investment AB Latour](#)

HRTEU Limited (Program Two)

➤ [LATp - Latecoere SACA](#)

HRTEU Limited (Program Two)

➤ LBKe - Liberbank SA

HRTEU Limited (Program Two)

➤ LDOm - Leonardo SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ LDm - La Doria SpA

HRTEU Limited (Program Two)

➤ LEGd - LEG Immobilien AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ LEHTOh - Lehto Group Oyj

HRTEU Limited (Program Two)

➤ LEOd - Leoni AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ LHAd - Deutsche Lufthansa AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ LIABs - Lindab International AB

HRTEU Limited (Program Two)

➤ LIFCBs - Lifco AB

HRTEU Limited (Program Two)

➤ LIGHTa - Signify NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ LINd - Linde PLC

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ LITm - Retelit SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ Llp - Klepierre SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ LNAp - LNA Sante SA

HRTEU Limited (Program Two)

➤ LNSXd - Sixt Leasing SE

HRTEU Limited (Program Two)

➤ LNZv - Lenzing AG

HRTEU Limited (Program Two)

➤ LOCALp - Solocal Group

HRTEU Limited (Program Two)

➤ LOGe - Cia de Distribucion Integral Logista Holdings SA

HRTEU Limited (Program Two)

➤ LOOMIs - Loomis AB

HRTEU Limited (Program Two)

➤ LOTBb - Lotus Bakeries NV

HRTEU Limited (Program Two)

➤ LPKd - LPKF Laser & Electronics AG

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ LRm - Landi Renzo SpA

HRTEU Limited (Program Two)

➤ LRp - Legrand SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ LSGo - Leroy Seafood Group ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ LSSp - Lectra

HRTEU Limited (Program Two)

➤ LUNDBs - L E Lundbergforetagen AB

HRTEU Limited (Program Two)

➤ LUNEs - Lundin Energy AB

HRTEU Limited (Program Two)

➤ LUNc - H Lundbeck A/S

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ LXSd - LANXESS AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ MAERAc - AP Moller - Maersk A/S

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ MAERBc - AP Moller - Maersk A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MANd - MAN SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ MAPe - Mapfre SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MARRm - MARR SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ MATASc - Matas A/S

HRTEU Limited (Program Two)

➤ MAUp - Etablissements Maurel et Prom SA

HRTEU Limited (Program Two)

➤ MB3Mx - JPM BetaBuilders US Treasury Bond 0-3 month UCITS ETF - MXN Hedged (a

Goldenberg Hehmeyer LLP (Program Three)

➤ MBWSp - Marie Brizard Wine & Spirits SA

HRTEU Limited (Program Two)

➤ MBm - Mediobanca Banca di Credito Finanziario SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ MCOVBs - Medicover AB

HRTEU Limited (Program Two)

➤ MCp - LVMH Moet Hennessy Louis Vuitton SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ MDG1d - Medigene AG

HRTEU Limited (Program Two)

➤ MDMp - Maisons du Monde SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MEKOs - Mekonomen AB

HRTEU Limited (Program Two)

➤ MELEb - Melexis NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ MELe - Melia Hotels International SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MERYp - Mercialis SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ METSBh - Metsa Board Oyj

HRTEU Limited (Program Two)

➤ MFp - Wendel SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ MINGo - SpareBank 1 SMN

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MITRAb - Mithra Pharmaceuticals SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MKEAp - Mauna Kea Technologies

HRTEU Limited (Program Two)

➤ MLPd - MLP SE

HRTEU Limited (Program Two)

➤ MLp - Cie Generale des Etablissements Michelin SCA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MMBp - Lagardere SCA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ MMKv - Mayr Melnhof Karton AG

HRTEU Limited (Program Two)

➤ MMTp - Metropole Television SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MNm - Arnoldo Mondadori Editore SpA

HRTEU Limited (Program Two)

➤ MOCORh - Metso Outotec Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ MOLm - Gruppo MutuiOnline SpA

HRTEU Limited (Program Two)

➤ MONCm - Moncler SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ MONETk - Moneta Money Bank AS

Erste Group Bank AG (Program Three)

➤ MONTb - Montea C.V.A

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MORd - MorphoSys AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ MOWlo - Mowi ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ MRKd - Merck KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MRLe - Merlin Properties Socimi SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MRNp - Mersen SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ MSm - Mediaset SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ MTGBs - Modern Times Group MTG AB

HRTEU Limited (Program Two)

➤ MTRSs - Munters Group AB

HRTEU Limited (Program Two)

➤ MTSe - ArcelorMittal SA

Qube Master Fund Limited (Program One)

➤ MTUp - Manitou BF SA

HRTEU Limited (Program Two)

➤ MTVm - Mondo TV SpA

HRTEU Limited (Program Two)

➤ MTXd - MTU Aero Engines AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MTa - ArcelorMittal SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ MTm - Maire Tecnimont SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ MUV2d - Muenchener Rueckversicherungs-Gesellschaft AG in Muenchen

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ MYCRs - Mycronic AB

HRTEU Limited (Program Two)

➤ NANOVo - Nordic Nanovector ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NANOp - Nanobiotix SA

HRTEU Limited (Program Two)

➤ NASo - Norwegian Air Shuttle ASA

HRTEU Limited (Program Two)

➤ NCCBs - NCC AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NDAd - Aurubis AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ NDAs - Nordea Bank Abp

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NDX1d - Nordex SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ NELo - NEL ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
Qube Master Fund Limited (Program One)

➤ NEMd - Nemetschek SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ NEOENp - Neoen SA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ NESTEh - Neste Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NETCc - Netcompany Group A/S

Qube Master Fund Limited (Program One)

➤ NEWABs - New Wave Group AB

HRTEU Limited (Program Two)

➤ NEXIm - Nexi SpA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ NEXp - Nexans SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NHHe - NH Hotel Group SA

HRTEU Limited (Program Two)

➤ NHYo - Norsk Hydro ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NIBEBs - Nibe Industrier AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NKTc - NKT A/S

HRTEU Limited (Program Two)

➤ NKp - Imerys SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NNa - NN Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NOBINS - Nobina AB

HRTEU Limited (Program Two)

➤ NOBIs - Nobia AB

HRTEU Limited (Program Two)

➤ NODo - Nordic Semiconductor ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NOEJd - Norma Group SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NOFlo - Norwegian Finans Holding ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NOKIAh - Nokia Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NOKIAp - Nokia Oyj

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ NOKIAs - Nokia Oyj

Optiver V.O.F. (Program Three)

➤ NOLABs - Nolato AB

HRTEU Limited (Program Two)

➤ NONGo - SpareBank 1 Nord Norge

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NOSu - NOS SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NOVOBc - Novo Nordisk A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ NRSo - Norway Royal Salmon ASA

HRTEU Limited (Program Two)

➤ NSIa - NSI NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NTGYe - Naturgy Energy Group SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ NVGu - Navigator Co SA/The

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ NWOd - New Work SE

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ NXIp - Nexity SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ NXUd - Nexus AG

HRTEU Limited (Program Two)

➤ NYRb - Nyrstar NV

HRTEU Limited (Program Two)

➤ NZYMBc - Novozymes A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ O2Dd - Telefonica Deutschland Holding AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ OBELb - Orange Belgium SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ OCla - OCI NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ OCYo - Ocean Yield ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ODL0 - Odfjell Drilling Ltd

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ OHLe - Obrascon Huarte Lain SA

HRTEU Limited (Program Two)

➤ OJMm - Openjobmetis Spa agenzia per il lavoro

HRTEU Limited (Program Two)

➤ OKDBVh - Oriola Oyj

HRTEU Limited (Program Two)

➤ OMVv - OMV AG

HRTEU Limited (Program Two)

➤ ONTEXb - Ontex Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ OPNp - Groupe Open

HRTEU Limited (Program Two)

➤ ORAp - Orange SA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ ORDla - Ordina NV

HRTEU Limited (Program Two)

➤ ORKo - Orkla ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ ORNBVh - Orion Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ORPp - Orpea SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ ORSTEc - Orsted AS

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ORp - L'Oreal SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ OSRd - OSRAM Licht AG

DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ OTECo - Otello Corp ASA

HRTEU Limited (Program Two)

➤ OUT1Vh - Outokumpu Oyj

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ OVSm - OVS SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ OXURb - Oxurion NV

HRTEU Limited (Program Two)

➤ PAALBc - Per Aarsleff Holding A/S

HRTEU Limited (Program Two)

➤ PAH3d - Porsche Automobil Holding SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ PALv - Palfinger AG

HRTEU Limited (Program Two)

➤ PANm - Panariagroup Industrie Ceramiche SpA

HRTEU Limited (Program Two)

➤ PARROp - Parrot SA

HRTEU Limited (Program Two)

➤ PATd - PATRIZIA AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ PBBd - Deutsche Pfandbriefbank AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ PEABBs - Peab AB

HRTEU Limited (Program Two)

➤ PFVd - Pfeiffer Vacuum Technology AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ PGNd - Paragon GmbH & Co KGaA

HRTEU Limited (Program Two)

➤ PGSo - PGS ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ PHARMa - Pharming Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ PHAp - Pharmagest Interactive

HRTEU Limited (Program Two)

➤ PHIAa - Koninklijke Philips NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ PHMe - Pharma Mar SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ PHRu - Pharol SGPS SA

HRTEU Limited (Program Two)

➤ PIAm - Piaggio & C SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ PIGp - Haulotte Group SA

HRTEU Limited (Program Two)

➤ PINFm - Pininfarina SpA

HRTEU Limited (Program Two)

➤ PIRcM - Pirelli & C SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Squarepoint Master Fund Ltd (Program One)

➤ PNDORc - Pandora A/S

HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ PNDXBs - Pandox AB

HRTEU Limited (Program Two)

➤ PNLa - PostNL NV

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ POMp - Cie Plastic Omnium SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ POSTv - Oesterreichische Post AG

HRTEU Limited (Program Two)

➤ POSv - Porr Ag

HRTEU Limited (Program Two)

➤ POXELp - Poxel SA

HRTEU Limited (Program Two)

➤ PRIm - Prima Industrie SpA

HRTEU Limited (Program Two)

➤ PROXb - Proximus SADP

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ PROm - Banca Profilo SpA

HRTEU Limited (Program Two)

➤ PRTm - Esprinet SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ PRXa - Prosus NV

BRED Banque Populaire (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)

➤ PRYm - Prysmian SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)

➤ PSGe - Prosegur Cia de Seguridad SA

HRTEU Limited (Program Two)

➤ PSHa - Pershing Square Holdings Ltd/Fund

HRTEU Limited (Program Two)

➤ PSMd - ProSiebenSat.1 Media SE

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Societe Generale SA (Program Three)

➤ PSTm - Poste Italiane SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ PUBp - Publicis Groupe SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two and Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ PUMd - Puma SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ PVLp - Plastivaloire

HRTEU Limited (Program Two)

➤ PYTv - POLYTEC Holding AG

HRTEU Limited (Program Two)

➤ QBYd - q.beyond AG

HRTEU Limited (Program Two)

➤ QDTp - Quadient SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ QIAd - QIAGEN NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
Societe Generale SA (Program Three)

➤ R6Cd - Royal Dutch Shell PLC

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ RAAAd - Rational AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ RACEm - Ferrari NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two and Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ RAIWh - Raisio Oyj

HRTEU Limited (Program Two)

➤ RALp - Rallye SA

HRTEU Limited (Program Two)

➤ RANDa - Randstad NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ RATOBS - Ratos AB

HRTEU Limited (Program Two)

➤ RAYBs - RaySearch Laboratories AB

HRTEU Limited (Program Two)

➤ RBIV - Raiffeisen Bank International AG

HRTEU Limited (Program Two)

➤ RBREWc - Royal Unibrew A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ RBTp - Robertet SA

HRTEU Limited (Program Two)

➤ RCOp - Remy Cointreau SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ RCSm - Rizzoli Corriere Della Sera Mediagroup SpA

HRTEU Limited (Program Two)

➤ RDSAa - Royal Dutch Shell PLC

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ RECIBs - Recipharm AB

HRTEU Limited (Program Two)

➤ RECSlo - REC Silicon ASA

HRTEU Limited (Program Two)

➤ RECb - Recticel SA

HRTEU Limited (Program Two)

➤ RECM - Recordati Industria Chimica e Farmaceutica SpA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ REEe - Red Electrica Corp SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ RENEu - REN - Redes Energeticas Nacionais SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ RENa - RELX PLC

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ REPe - Repsol SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ RESURs - Resurs Holding AB

HRTEU Limited (Program Two)

➤ RETb - Retail Estates NV

HRTEU Limited (Program Two)

➤ REYm - Reply SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ RFp - Eurazeo SE

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ RHIMv - RHI Magnesita NV

HRTEU Limited (Program Two)

➤ RHKd - RHOEN-KLINIKUM AG

HRTEU Limited (Program Two)

➤ RHMd - Rheinmetall AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ RIBd - RIB Software SE

HRTEU Limited (Program Two)

➤ RILBAC - Ringkjoebing Landbobank A/S

HRTEU Limited (Program Two)

➤ RINp - Vilmorin & Cie SA

HRTEU Limited (Program Two)

➤ Rlp - Pernod Ricard SA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ RMSp - Hermes International

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ RMm - Reno de Medici SpA

HRTEU Limited (Program Two)

➤ RNOp - Renault SA

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ RNm - Risanamento SpA

HRTEU Limited (Program Two)

➤ ROCKBc - ROCKWOOL International A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ ROSv - Rosenbauer International AG

HRTEU Limited (Program Two)

➤ ROTHp - Rothschild & Co

HRTEU Limited (Program Two)

➤ ROVIOh - Rovio Entertainment Oyj

HRTEU Limited (Program Two)

➤ ROVle - Laboratorios Farmaceuticos Rovi SA

HRTEU Limited (Program Two)

➤ RRTLd - RTL Group SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ RSTm - Restart SIIQ SpA

HRTEU Limited (Program Two)

➤ RUIp - Rubis SCA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ RWAYm - RAI Way SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ RWEed - RWE AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ RXLp - Rexel SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ RY4Ci - Ryanair Holdings PLC

HRTEU Limited (Program Two)

➤ S30p - Solutions 30 SE

HRTEU Limited (Program Two)

➤ S92d - SMA Solar Technology AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SAA1Vh - Sanoma Oyj

HRTEU Limited (Program Two)

➤ SAABBs - Saab AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SABe - Banco de Sabadell SA

HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SAEd - Shop Apotheke Europe NV

Citadel Securities GCS (Ireland) Limited (Program Three)
Jump Trading Europe B.V. (Program Three)

➤ SAFp - Safran SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ SALMo - Salmar ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ SAMPOh - Sampo Oyj

HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ SANDs - Sandvik AB

HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ SANTd - S&T AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ SANE - Banco Santander SA

BRED Banque Populaire (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ SANp - Sanofi

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ SAPd - SAP SE

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ SASs - SAS AB

HRTEU Limited (Program Two)

➤ SAXd - Stroeer SE & Co KGaA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ SBANKo - Sbanken ASA

HRTEU Limited (Program Two)

➤ SBMOa - SBM Offshore NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SBOo - Selvaag Bolig ASA

HRTEU Limited (Program Two)

➤ SBOv - Schoeller-Bleckmann Oilfield Equipment AG

HRTEU Limited (Program Two)

➤ SBSd - STRATEC SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SCABs - Svenska Cellulosa AB SCA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SCATCo - Scatec ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SCHAo - Schibsted ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SCHBo - Schibsted ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SCHOc - Schouw & Co A/S

HRTEU Limited (Program Two)

➤ SCRp - SCOR SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SCYRe - Sacyr SA

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)

➤ SDFd - K+S AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SDGp - Synergie SE

HRTEU Limited (Program Two)

➤ SEBAs - Skandinaviska Enskilda Banken AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ SECUBs - Securitas AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SEMu - Semapa-Sociedade de Investimento e Gestao

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SEMv - Semperit AG Holding

HRTEU Limited (Program Two)

➤ SESGp - SES SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SESLp - SES-imagotag SA

HRTEU Limited (Program Two)

➤ SESm - Sesa SpA

HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ SEVp - Suez SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Societe Generale SA (Program Three)

➤ SFERm - Salvatore Ferragamo SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ SFLm - Safilo Group SpA

HRTEU Limited (Program Two)

➤ SFQd - SAF-Holland SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SGLd - SGL Carbon SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SGOp - Cie de Saint-Gobain

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SGREe - Siemens Gamesa Renewable Energy SA

HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ SGM - SAES Getters SpA

HRTEU Limited (Program Two)

➤ SHAd - Schaeffler AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ SHBAs - Svenska Handelsbanken AB

HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ SHFd - SNP Schneider-Neureither & Partner SE

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ SHLd - Siemens Healthineers AG

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)

➤ SHOTs - Scandic Hotels Group AB

HRTEU Limited (Program Two)

➤ SIEd - Siemens AG

BRED Banque Populaire (Program Three)
 Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Jump Trading Europe B.V. (Program Three)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Tower Research Capital Europe BV (Program Two)

➤ SIFGa - SIF Holding NV

HRTEU Limited (Program Two)

➤ SIMc - SimCorp A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SIPb - Sipef NV

HRTEU Limited (Program Two)

➤ SIX2d - Sixt SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SIX3d - Sixt SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SK3i - Smurfit Kappa Group PLC

HRTEU Limited (Program Two)

➤ SKABs - Skanska AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SKBd - Koenig & Bauer AG

HRTEU Limited (Program Two)

➤ SKFBs - SKF AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SKp - SEB SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SLIGRa - Sligro Food Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SLRe - Solaria Energia y Medio Ambiente SA

HRTEU Limited (Program Two)

➤ SLm - Sanlorenzo SpA/Ameglia

HRTEU Limited (Program Two)

➤ SMCPp - SMCP SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SMHNd - SUESS MicroTec SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SOBIs - Swedish Orphan Biovitrum AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SOFb - Sofina SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ SOIp - SOITEC

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ SOLBb - Solvay SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SOLm - SOL SpA

HRTEU Limited (Program Two)

➤ SONu - Sonae SGPS SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ SOPp - Sopra Steria Group

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SOWd - Software AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ SOM - Sogefi SpA

HRTEU Limited (Program Two)

➤ SOP - Somfy SA

HRTEU Limited (Program Two)

➤ SPIEp - SPIE SA

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SPIv - S IMMO AG

HRTEU Limited (Program Two)

➤ SPMm - Saipem SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ SPNOc - Spar Nord Bank A/S

HRTEU Limited (Program Two)

➤ SQLp - Sqli SA

HRTEU Limited (Program Two)

➤ SRBNKo - SpareBank 1 SR-Bank ASA

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ SRGm - Snam SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)
Tower Research Capital Europe BV (Program Two)

➤ SRPp - SRP Groupe SA

HRTEU Limited (Program Two)

➤ SRSm - Saras SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ SRT3d - Sartorius AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ SSABAs - SSAB AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SSABBs - SSAB AB

HRTEU Limited (Program Two)

➤ SSLm - Societa Sportiva Lazio SpA

HRTEU Limited (Program Two)

➤ STBo - Storebrand ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ STERVh - Stora Enso Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ STERs - Stora Enso Oyj

HRTEU Limited (Program Two)

➤ STGc - Scandinavian Tobacco Group A/S

HRTEU Limited (Program Two)

➤ STLAm - Stellantis NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ STLAp - Stellantis NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)

➤ STMd - Stabilus SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ STMm - STMicroelectronics NV

Citadel Securities GCS (Ireland) Limited (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ STMp - STMicroelectronics NV

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ STRv - Strabag SE

HRTEU Limited (Program Two)

➤ SUBCo - Subsea 7 SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SUP - Schneider Electric SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ SWECBs - Sweco AB

HRTEU Limited (Program Two)

➤ SWEDAs - Swedbank AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ SWMAs - Swedish Match AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ SWp - Sodexo SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SY1d - Symrise AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ SYDBc - Sydbank AS

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SZGd - Salzgitter AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ SZUd - Suedzucker AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TASm - Tas Tecnologia Avanzata dei Sistemi SpA

HRTEU Limited (Program Two)

➤ TC1d - Tele Columbus AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TEFe - Telefonica SA

BRED Banque Populaire (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ TEGd - TAG Immobilien AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TEL2Bs - Tele2 AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ TELIAs - Telia Co AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ TELo - Telenor ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)

➤ TENm - Tenaris SA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two and Three)
 Qube Master Fund Limited (Program One)
 Societe Generale SA (Program Three)
 Squarepoint Master Fund Ltd (Program One)
 Tower Research Capital Europe BV (Program Two)

➤ TEPp - Teleperformance

Citadel Securities GCS (Ireland) Limited (Program Three)
 DRW Global Markets Limited (Program Three)
 HRTEU Limited (Program Two)
 Optiver V.O.F. (Program Two)
 Qube Master Fund Limited (Program One)

➤ TESBb - Tessengerlo Group SA

HRTEU Limited (Program Two)

➤ TFGa - Tetragon Financial Group Ltd

HRTEU Limited (Program Two)

➤ TFIIm - TREVI - Finanziaria Industriale SpA

HRTEU Limited (Program Two)

➤ TFIp - Television Francaise 1

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)

➤ TGSo - TGS NOPEC Geophysical Co ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Societe Generale SA (Program Three)

➤ TGYMm - Technogym SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
 HRTEU Limited (Program Two)
 Qube Master Fund Limited (Program One)
 Squarepoint Master Fund Ltd (Program One)

➤ THULEs - Thule Group AB

HRTEU Limited (Program Two)

➤ TIETOh - TietoEVRY Oyj

HRTEU Limited (Program Two)

➤ TIGOs - Millicom International Cellular SA

HRTEU Limited (Program Two)

➤ TIK1Vh - Tikkurila Oyj

HRTEU Limited (Program Two)

➤ TIMAd - Zeal Network SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TIPm - Tamburi Investment Partners SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TISm - Tiscali SpA

HRTEU Limited (Program Two)

➤ TITRm - Telecom Italia SpA/Milano

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Societe Generale SA (Program Three)

➤ TITm - Telecom Italia SpA/Milano

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ TKAd - thyssenkrupp AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TKAv - Telekom Austria AG

HRTEU Limited (Program Two)

➤ TKOp - Tikehau Capital SCA

HRTEU Limited (Program Two)

➤ TKTTp - Tarkett SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TKWYa - Just Eat Takeaway.com NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ TL5e - Mediaset Espana Comunicacion SA

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TLGOe - Talgo SA

HRTEU Limited (Program Two)

➤ TLGd - TLG Immobilien AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)

➤ TLXd - Talanx AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TMVd - TeamViewer AG

Jump Trading Europe B.V. (Program Three)

➤ TNETb - Telenet Group Holding NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TNGp - Transgene SA

HRTEU Limited (Program Two)

➤ TNXTm - Tinexta Spa

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Squarepoint Master Fund Ltd (Program One)

➤ TOBlls - Tobii AB

HRTEU Limited (Program Two)

➤ TODm - Tod's SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Squarepoint Master Fund Ltd (Program One)

➤ TOKMAh - Tokmanni Group Corp

HRTEU Limited (Program Two)

➤ TOM2a - TomTom NV

Citadel Securities GCS (Ireland) Limited (Program Three)

➤ TOMo - TOMRA Systems ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ TOPc - Topdanmark AS

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ TRELbS - Trelleborg AB

HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TREe - Tecnicas Reunidas SA

HRTEU Limited (Program Two)

➤ TRIp - Trigano SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TRMDAc - TORM PLC

HRTEU Limited (Program Two)

➤ TRNm - Terna Rete Elettrica Nazionale SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ TRYGc - Tryg A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ TTKd - Takkt AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TTR1d - Technotrans SE

HRTEU Limited (Program Two)

➤ TUBb - Financiere de Tubize SA

HRTEU Limited (Program Two)

➤ TUBe - Tubacex SA

HRTEU Limited (Program Two)

➤ TUI1d - TUI AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ TWEKAa - TKH Group NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ TXTm - TXT e-solutions SpA

HRTEU Limited (Program Two)

➤ TYRESh - Nokian Renkaat Oyj

HRTEU Limited (Program Two)

Qube Master Fund Limited (Program One)

➤ UBIp - Ubisoft Entertainment SA

Citadel Securities GCS (Ireland) Limited (Program Three)

DRW Global Markets Limited (Program Three)

HRTEU Limited (Program Two)

Optiver V.O.F. (Program Two)

Societe Generale SA (Program Three)

➤ UCBB - UCB SA

Citadel Securities GCS (Ireland) Limited (Program Three)

DRW Global Markets Limited (Program Three)

HRTEU Limited (Program Two)

Qube Master Fund Limited (Program One)

Societe Generale SA (Program Three)

➤ UCGm - UniCredit SpA

BRED Banque Populaire (Program Three)

Citadel Securities GCS (Ireland) Limited (Program Three)

HRTEU Limited (Program Two)

Optiver V.O.F. (Program Two)

Qube Master Fund Limited (Program One)

Societe Generale SA (Program Three)

Squarepoint Master Fund Ltd (Program One)

➤ UMlb - Umicore SA

Citadel Securities GCS (Ireland) Limited (Program Three)

DRW Global Markets Limited (Program Three)

HRTEU Limited (Program Two)

Qube Master Fund Limited (Program One)

Societe Generale SA (Program Three)

➤ UN01d - Uniper SE

Citadel Securities GCS (Ireland) Limited (Program Three)

DRW Global Markets Limited (Program Three)

HRTEU Limited (Program Two)

Societe Generale SA (Program Three)

➤ UNAA - Unilever PLC

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ UNIRm - Unieuro SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ UNle - Unicaja Banco SA

HRTEU Limited (Program Two)

➤ UNIm - Unipol Gruppo SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ UPMh - UPM-Kymmene Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ UPONOh - Uponor Oyj

HRTEU Limited (Program Two)

➤ UQAv - UNIQA Insurance Group AG

HRTEU Limited (Program Two)

➤ URWa - Unibail-Rodamco-Westfield

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)

➤ USm - UnipolSai Assicurazioni SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Intermonte Sim SPA (Program Two)
Societe Generale SA (Program Three)
Squarepoint Master Fund Ltd (Program One)

➤ UTDId - United Internet AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ VALMTh - Valmet Oyj

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VAOd - Vapiano SE

HRTEU Limited (Program Two)

➤ VAR1d - Varta AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)

➤ VASTNa - Vastned Retail NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VBKd - VERBIO Vereinigte BioEnergie AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VBXd - Voltabox AG

HRTEU Limited (Program Two)

➤ VCTp - Vicat SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VEI0 - Veidekke ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VERv - Verbund AG

HRTEU Limited (Program Two)

➤ VETOp - Vetoquinol SA

HRTEU Limited (Program Two)

➤ VIDE - Vidrala SA

HRTEU Limited (Program Two)

➤ VIEp - Veolia Environnement SA

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VIGv - Vienna Insurance Group AG Wiener Versicherung Gruppe

HRTEU Limited (Program Two)

➤ VIRPp - Virbac SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VISE - Viscofan SA

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VITRs - Vitrolife AB

HRTEU Limited (Program Two)

➤ VIVp - Vivendi SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VKp - Vallourec SA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VLAp - Valneva SE

HRTEU Limited (Program Two)

➤ VLKa - Van Lanschot Kempen NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ VNAd - Vonovia SE

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VNEs - Veoneer Inc

HRTEU Limited (Program Two)

➤ VOEv - voestalpine AG

HRTEU Limited (Program Two)

➤ VOLVAs - Volvo AB

HRTEU Limited (Program Two)

➤ VOLVBs - Volvo AB

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ VOSd - Vossloh AG

HRTEU Limited (Program Two)

➤ VOW3d - Volkswagen AG

BRED Banque Populaire (Program Three)
Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ VOWd - Volkswagen AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ VPKa - Koninklijke Vopak NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Societe Generale SA (Program Three)

➤ VWSc - Vestas Wind Systems A/S

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ WACd - Wacker Neuson SE

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ WAFd - Siltronic AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)

➤ WALLBs - Wallenstam AB

HRTEU Limited (Program Two)

➤ WAWlo - Wallenius Wilhelmsen ASA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ WBDm - Webuild SpA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ WCHd - Wacker Chemie AG

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ WDPb - Warehouses De Pauw CVA

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)

➤ WHAa - Wereldhave NV

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ WIEv - Wienerberger AG

HRTEU Limited (Program Two)

➤ WIHLs - Wihlborgs Fastigheter AB

HRTEU Limited (Program Two)

➤ WKLa - Wolters Kluwer NV

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)
Tower Research Capital Europe BV (Program Two)

➤ WLNp - Worldline SA/France

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Optiver V.O.F. (Program Two)
Qube Master Fund Limited (Program One)

➤ WRT1Vh - Wartsila OYJ Abp

HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ [WSUd - Washtec AG](#)

HRTEU Limited (Program Two)

➤ [WUWd - Wuestenrot & Wuerttembergische AG](#)

HRTEU Limited (Program Two)

➤ [XFABp - X-Fab Silicon Foundries SE](#)

HRTEU Limited (Program Two)

➤ [XILp - Xilam Animation SA](#)

HRTEU Limited (Program Two)

➤ [XIORb - Xior Student Housing NV](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ [XXLo - XXL ASA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ [YARo - Yara International ASA](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)
Qube Master Fund Limited (Program One)
Societe Generale SA (Program Three)

➤ [YITh - YIT Oyj](#)

HRTEU Limited (Program Two)

➤ [ZAGv - Zumtobel Group AG](#)

HRTEU Limited (Program Two)

➤ [ZALd - Zalando SE](#)

Citadel Securities GCS (Ireland) Limited (Program Three)
DRW Global Markets Limited (Program Three)
HRTEU Limited (Program Two)
Jump Trading Europe B.V. (Program Three)
Societe Generale SA (Program Three)

➤ [ZEALc - Zealand Pharma A/S](#)

HRTEU Limited (Program Two)

➤ ZIL2d - ElringKlinger AG

HRTEU Limited (Program Two)

➤ ZO1d - zooplus AG

Citadel Securities GCS (Ireland) Limited (Program Three)
HRTEU Limited (Program Two)

➤ ZOTe - Zardoya Otis SA

HRTEU Limited (Program Two)

➤ ZVm - Zignago Vetro SpA

HRTEU Limited (Program Two)