

## IMPORTANT DISCLAIMER

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## IMPORTANT DISCLOSURES ( [View Historic](#) )

As of **August, 02<sup>nd</sup>, 2022**

***SG G and/or its affiliates act as market maker or liquidity provider in the equities securities of undefined. (Pre02)***

|                        |            |
|------------------------|------------|
| 1&1 Drillisch AG       | 1U1.DE     |
| 3i                     | III.L      |
| A.P. Moller-Maersk B   | MAERSKb.CO |
| A2A Spa                | A2.MI      |
| Aareal Bank            | ARLG.DE    |
| AB Science             | ABS.PA     |
| ABB                    | ABBN.S     |
| Abbott Laboratories    | ABT.N      |
| AbbVie                 | ABBV.N     |
| ABN Amro               | ABNd.AS    |
| About You              | YOUG.DE    |
| Accenture              | ACN.N      |
| Acciona                | ANA.MC     |
| Acciona Energía        | ANE.MC     |
| Accor                  | ACCP.PA    |
| Acea Spa               | ACE.MI     |
| Acerinox               | ACX.MC     |
| Ackermans & van Haaren | ACKB.BR    |
| ACS                    | ACS.MC     |
| Addiko Bank AG         | ADKO.VI    |
| Adecco                 | ADEN.S     |
| Adevinta               | ADEA.OL    |
| Adidas                 | ADSGn.DE   |
| ADO Properties         | ADJ.DE     |
| ADT Inc                | ADT.N      |
| ADVA Optical           | ADAG.DE    |
| Adyen                  | ADYEN.AS   |
| AEDAS Homes SA         | AEDAS.MC   |
| Aedifica               | AOO.BR     |
| Aegon                  | AEGN.AS    |



**SOCIETE GENERALE**  
Corporate & Investment Banking

|                                |          |
|--------------------------------|----------|
| Aena                           | AENA.MC  |
| Aéroports de Paris             | ADP.PA   |
| AES Corporation                | AES.N    |
| AG Barr plc                    | BAG.L    |
| Ageas                          | AGES.BR  |
| Agfa-Gevaert Group             | AGFB.BR  |
| Agora SA                       | AGOP.WA  |
| Ahold Delhaize                 | AD.AS    |
| AIG                            | AIG.N    |
| Air France-KLM                 | AIRF.PA  |
| Air Lease Corporation          | AL.N     |
| Air Liquide                    | AIRP.PA  |
| Air Products                   | APD.N    |
| Airbus Group                   | AIR.PA   |
| Aixtron                        | AIXGn.DE |
| Aker BP                        | AKRBP.OL |
| AKTIA BANK                     | AKTIA.HE |
| AkzoNobel                      | AKZO.AS  |
| Albioma                        | ABIO.PA  |
| Alcoa                          | HWM.N    |
| Alcon                          | ALCC.S   |
| ALD Automotive                 | ALDA.PA  |
| Alior Bank                     | ALRR.WA  |
| Allianz SE                     | ALVG.DE  |
| Allied Irish Banks             | AIBG.I   |
| Ally Financial                 | ALLY.N   |
| ALMIRALL                       | ALM.MC   |
| Alphabet                       | GOOGL.OQ |
| Alstom                         | ALSO.PA  |
| Altarea Cogedim                | IMAF.PA  |
| Alten                          | LTEN.PA  |
| Altice USA                     | ATUS.N   |
| Altria                         | MO.N     |
| Amadeus IT Holding             | AMA.MC   |
| Amazon                         | AMZN.OQ  |
| AMC ENTERTAINMENT HOLDINGS INC | AMC.N    |
| American Express               | AXP.N    |
| American Tower Corporation     | AMT.N    |
| Amlin                          | AML.L    |
| Amundi                         | AMUN.PA  |
| Andritz AG                     | ANDR.VI  |
| Anglo American                 | AAL.L    |
| Anheuser-Busch InBev           | ABI.BR   |
| Anima Holding SpA              | ANIM.MI  |
| Antofagasta                    | ANTO.L   |

|                              |          |
|------------------------------|----------|
| Apache Corp                  | APA.OQ   |
| Aperam                       | APAM.AS  |
| Apollo Global Management LLC | APO.N    |
| Apple                        | AAPL.OQ  |
| Applus Services              | APPS.MC  |
| AptarGroup Inc               | ATR.N    |
| Aptiv PLC                    | APTV.N   |
| ArcelorMittal                | MT.AS    |
| Archer Daniels Midland       | ADM.N    |
| Argonaut Gold Inc            | AR.TO    |
| Arkema                       | AKE.PA   |
| Arnoldo Mondadori Editore    | MOED.MI  |
| Aroundtown S.A.              | AT1.DE   |
| Arrow Electronics            | ARW.N    |
| Aryzta                       | ARYN.S   |
| Ashmore                      | ASHM.L   |
| ASML                         | ASML.AS  |
| Asos                         | ASOS.L   |
| Assa Abloy                   | ASSAb.ST |
| Assic Generali spa           | GASI.MI  |
| Associated British Foods     | ABF.L    |
| AstraZeneca                  | AZN.L    |
| Atlantia                     | ATL.MI   |
| Atlas Copco                  | ATCOa.ST |
| Atos                         | ATOS.PA  |
| Atresmedia                   | A3M.MC   |
| Aubay                        | AUBT.PA  |
| Aurubis                      | NAFG.DE  |
| Auto Trader Group            | AUTOA.L  |
| Autogrill                    | AGL.MI   |
| Automatic Data Processing    | ADP.OQ   |
| Avast                        | AVST.L   |
| Aveva Group                  | AVV.L    |
| Aviva                        | AV.L     |
| Axa                          | AXAF.PA  |
| Azimut Holding               | AZMT.MI  |
| BAE Systems                  | BAES.L   |
| Baker Hughes a GE Company    | BKR.OQ   |
| Baloise                      | BALN.S   |
| BAM GROEP                    | BAMN.AS  |
| Banca MPS                    | BMPS.MI  |
| Banca Popolare di Sondrio    | BPSI.MI  |
| Banco BPM                    | BAMI.MI  |
| Banco Comercial Portugues    | BCP.LS   |
| Banco de Sabadell            | SABE.MC  |

|                          |          |
|--------------------------|----------|
| Banco Santander          | SAN.MC   |
| Bank Millennium          | MILP.WA  |
| Bank of America          | BAC.N    |
| Bank of Georgia          | BGEO.L   |
| Bank of Ireland          | BIRG.I   |
| Bank of New York Mellon  | BK.N     |
| Bank Pekao SA            | PEO.WA   |
| Bankinter                | BKT.MC   |
| Barclays                 | BARC.L   |
| Barry Callebaut AG       | BARN.S   |
| BASF SE                  | BASFn.DE |
| Bayer AG                 | BAYGn.DE |
| BBVA                     | BBVA.MC  |
| Beazley                  | BEZG.L   |
| Befimmo                  | BEFB.BR  |
| Beiersdorf               | BEIG.DE  |
| Believe                  | BLV.PA   |
| Beneteau                 | CHBE.PA  |
| Best Buy Co. Inc         | BBY.N    |
| Bic                      | BICP.PA  |
| Big Yellow Plc           | BYG.L    |
| Bilfinger                | GBFG.DE  |
| BioMérieux               | BIOX.PA  |
| Biotage                  | BIOT.ST  |
| Black Hills Corporation  | BKH.N    |
| Black Knight, Inc.       | BKI.N    |
| Blackrock Inc.           | BLK.N    |
| Blackstone               | BX.N     |
| Blue Owl Capital Inc     | OWL.N    |
| BMW                      | BMWG.DE  |
| BNP Paribas              | BNPP.PA  |
| Boeing                   | BA.N     |
| Bogdanka                 | LWBP.WA  |
| Boliden                  | BOL.ST   |
| Bonanza Creek Energy Inc | CIVI.N   |
| Bonduelle                | BOND.PA  |
| Boston Scientific Corp   | BSX.N    |
| Bouygues                 | BOUY.PA  |
| BP                       | BP.L     |
| BPER Banca               | EMII.MI  |
| Bpost SA                 | BPOST.BR |
| Bravida                  | BRAV.ST  |
| Brenntag                 | BNRGn.DE |
| Bristol Myers Squibb     | BMY.N    |
| British American Tobacco | BATS.L   |



|                                 |          |
|---------------------------------|----------|
| British Land                    | BLND.L   |
| Britvic plc                     | BVIC.L   |
| Broadcom Inc                    | AVGO.OQ  |
| Brunello Cucinelli              | BCU.MI   |
| BT Group                        | BT.L     |
| Bumble Inc                      | BMBL.OQ  |
| Bunge Ltd                       | BG.N     |
| Burberry                        | BRBY.L   |
| Bureau Veritas                  | BVI.PA   |
| Buzzi Unicem                    | BZU.MI   |
| BW Offshore                     | BWO.OL   |
| Cabot Oil & Gas                 | CTRA.N   |
| CAF                             | CAF.MC   |
| Cairn Energy Plc                | CNE.L    |
| Caixabank                       | CABK.MC  |
| Campbell Soup                   | CPB.N    |
| Capgemini                       | CAPP.PA  |
| Capital One Financial           | COF.N    |
| Carlsberg                       | CARLb.CO |
| Carmila                         | CARM.PA  |
| Carnival Corporation & Plc      | CCL.L    |
| Carphone Warehouse              | CURY.L   |
| Carrefour                       | CARR.PA  |
| Carrier Global Corporation      | CARR.N   |
| Casino                          | CASP.PA  |
| Caterpillar Inc                 | CAT.N    |
| Cattolica Assicurazione         | CASS.MI  |
| Caverion                        | CAV1V.HE |
| Ceconomy                        | CECG.DE  |
| Celanese                        | CE.N     |
| Cell Therapeutics               | CTIC.OQ  |
| Cellnex                         | CLNX.MC  |
| Centamin Plc                    | CEY.L    |
| CenterPoint Energy              | CNP.N    |
| Centrica                        | CNA.L    |
| CF Industries Holdings Inc      | CF.N     |
| CFE                             | CFEB.BR  |
| CGG                             | GEPH.PA  |
| CHARGEURS SA                    | CRIP.PA  |
| Charter Communications          | CHTR.OQ  |
| Cheniere Energy, Inc.           | LNG.A    |
| Chevron                         | CVX.N    |
| Choice Hotels International Inc | CHH.N    |
| Chr Hansen                      | CHRH.CO  |
| Christian Dior                  | DIOR.PA  |



|                            |          |
|----------------------------|----------|
| Church & Dwight            | CHD.N    |
| CIE Automotive             | CIEA.MC  |
| Cisco                      | CSCO.OQ  |
| Citigroup                  | C.N      |
| Clariant                   | CLN.S    |
| Clear Channel Outdoor      | CCO.N    |
| Clorox                     | CLX.N    |
| CLOSE BROTHERS GROUP PLC   | CBRO.L   |
| CLS Holdings Plc           | CLSH.L   |
| CME Group INC              | CME.OQ   |
| CMS Energy                 | CMS.N    |
| Coach                      | TPR.N    |
| Coca-Cola Hellenic         | CCH.L    |
| Cofinimmo                  | COFB.BR  |
| Cognizant                  | CTSH.OQ  |
| Colgate Palmolive          | CL.N     |
| Colonial                   | COL.MC   |
| Coloplast                  | COLOb.CO |
| Colruyt                    | COLR.BR  |
| Comcast Corporation        | CMCSA.OQ |
| Comerica                   | CMA.N    |
| Commercial Metals Co       | CMC.N    |
| Commerzbank                | CBKG.DE  |
| Compagnie des Alpes        | CDAF.PA  |
| Compass Group              | CPG.L    |
| Comstock Resources         | CRK.N    |
| ConocoPhillips             | COP.N    |
| Consol Energy Inc          | CNX.N    |
| Consolidated Edison        | ED.N     |
| Constellation Brands       | STZ.N    |
| Constellium                | CSTM.N   |
| Continental                | CONG.DE  |
| Cookson Group              | VSVS.L   |
| Corning                    | GLW.N    |
| Coty                       | COTY.N   |
| Covestro                   | 1COV.DE  |
| Covivio SA                 | CVO.PA   |
| Crédit Agricole SA         | CAGR.PA  |
| Credit Suisse              | CSGN.S   |
| Credito Emiliano           | EMBI.MI  |
| CRH AMERICA INC            | CRH.I    |
| CRH PLC                    | CRH.L    |
| Croda                      | CRDA.L   |
| Crown Castle International | CCI.N    |
| CTT Correios de Portugal   | CTT.LS   |



|                             |            |
|-----------------------------|------------|
| CVR Energy                  | CVI.N      |
| Cyfrowy Polsat              | CPS.WA     |
| D.R. HORTON, INC.           | DHI.N      |
| Daimler Truck AG            | DTGGe.DE   |
| Danone                      | DANO.PA    |
| Danske Bank                 | DANSKE.CO  |
| Dassault Aviation           | AM.PA      |
| Dassault Systèmes           | DAST.PA    |
| Davide Campari-Milano NV    | CPRI.MI    |
| Deere & Company             | DE.N       |
| Delek US Holdings           | DK.N       |
| Delivery Hero               | HER.DE     |
| Dell Technologies Inc.      | DELL.N     |
| Denbury Resources           | DEN.N      |
| Derichebourg                | DBG.PA     |
| Derwent London PLC          | DLN.L      |
| Deutsche Bank AG            | DBKGn.DE   |
| Deutsche Börse              | DB1Gn.DE   |
| Deutsche EuroShop           | DEQGn.DE   |
| Deutsche Lufthansa          | LHAG.DE    |
| Deutsche Pfandbriefbank     | PBBG.DE    |
| Deutsche Post AG            | DPWGn.DE   |
| Deutsche Telekom            | DTEGn.DE   |
| Deutsche Wohnen AG          | DWNG.DE    |
| Devon Energy                | DVN.N      |
| Diageo                      | DGE.L      |
| DIASORIN                    | DIAS.MI    |
| DIC Asset AG                | DICn.DE    |
| D'Ieteren                   | IETB.BR    |
| Dillard's                   | DDS.N      |
| Discover Financial Services | DFS.N      |
| Disney                      | DIS.N      |
| DNB                         | DNB.OL     |
| Dometic Group AB            | DOMETIC.ST |
| Dominion                    | DOMI.MC    |
| Dormakaba                   | DOKA.S     |
| Drax                        | DRX.L      |
| Dril-Quip, Inc.             | DRQ.N      |
| DS SMITH PLC                | SMDS.L     |
| DSM NV                      | DSMN.AS    |
| DTE Corp                    | DTE.N      |
| Du Pont De Nemours          | DD.N       |
| Ducommun                    | DCO.N      |
| Dufry                       | DUFN.S     |
| Duke Energy Corp            | DUK.N      |

|                           |           |
|---------------------------|-----------|
| Durr AG                   | DUEG.DE   |
| DWS                       | DWSG.DE   |
| Eagle Pharmaceuticals Inc | EGRX.OQ   |
| EasyJet                   | EZJ.L     |
| Eaton Corporation PLC     | ETN.N     |
| Ebro Foods SA             | EBRO.MC   |
| ECOLAB INC.               | ECL.N     |
| Edenred                   | EDEN.PA   |
| EDF                       | EDF.PA    |
| Edgewell Personal Care    | EPC.N     |
| Edison International      | EIX.N     |
| EDP Renovaveis SA         | EDPR.LS   |
| Edreams Odigeo            | EDRE.MC   |
| EFG International AG      | EFGN.S    |
| Eiffage                   | FOUG.PA   |
| ELECNOR                   | ENOR.MC   |
| Elekta                    | EKTA.B.ST |
| Eli Lilly                 | LLY.N     |
| Elia                      | ELI.BR    |
| Elior Group               | ELIOR.PA  |
| Elis                      | ELIS.PA   |
| Elisa                     | ELISA.HE  |
| ElringKlinger             | ZILGn.DE  |
| Emerson Electric          | EMR.N     |
| Enagas                    | ENAG.MC   |
| EnBW                      | EBKG.DE   |
| Endesa SA                 | ELE.MC    |
| Enea                      | ENAE.WA   |
| Enel                      | ENEI.MI   |
| Energa                    | ENGP.WA   |
| Energear Oil & Gas        | ENOG.L    |
| Energias de Portugal      | EDP.LS    |
| Engie                     | ENGIE.PA  |
| Eni                       | ENI.MI    |
| Entergy                   | ETR.N     |
| EOG Resources Inc         | EOG.N     |
| Eon                       | EONGn.DE  |
| Epiroc                    | EPIRa.ST  |
| EQT AB                    | EQTAB.ST  |
| EQT Corporation           | EQT.N     |
| Equinor                   | EQNR.OL   |
| Equitable Holdings Inc.   | EQH.N     |
| Eramet                    | ERMT.PA   |
| Ericsson                  | ERICb.ST  |
| Ermenegildo Zegna         | ZGN.N     |





|                                     |            |
|-------------------------------------|------------|
| Erste Group                         | ERST.VI    |
| EssilorLuxottica                    | ESLX.PA    |
| Essity                              | ESSITYb.ST |
| Estée Lauder                        | EL.N       |
| Etsy Inc                            | ETSY.OQ    |
| Eurazeo                             | EURA.PA    |
| Eurocommercial Properties           | ECMPA.AS   |
| Eurofins Scientific                 | EUFI.PA    |
| Euromoney                           | ERM.L      |
| Euronav NV                          | EUAV.BR    |
| Euronext                            | ENX.PA     |
| Eutelsat                            | ETL.PA     |
| EVN                                 | EVNV.VI    |
| Evonik                              | EVKn.DE    |
| Evotec                              | EVTG.DE    |
| Exclusive Networks                  | EXN.PA     |
| Exor                                | EXOR.MI    |
| Experian                            | EXP.N.L    |
| ExxonMobil                          | XOM.N      |
| Faurecia                            | EPED.PA    |
| FCC                                 | FCC.MC     |
| FDJ                                 | FDJ.PA     |
| Ferguson                            | FERG.L     |
| Ferrovial                           | FER.MC     |
| Financiere de l'Odet                | ODET.PA    |
| FINCANTIERI S.P.A                   | FCT.MI     |
| Fineco Bank SpA                     | FBK.MI     |
| First Horizon National              | FHN.N      |
| First Solar                         | FSLR.OQ    |
| FirstEnergy                         | FE.N       |
| FIRSTGROUP PLC                      | FGP.L      |
| Fiserv                              | FISV.OQ    |
| Flow Traders                        | FLOW.AS    |
| FLSmidth                            | FLS.CO     |
| Flughafen Zuerich AG                | FHZN.S     |
| Fnac Darty                          | FNAC.PA    |
| Ford Motor Co                       | F.N        |
| Fortinet Inc                        | FTNT.OQ    |
| Fortum                              | FORTUM.HE  |
| Fox Corporation                     | FOXA.OQ    |
| Fraport AG                          | FRAG.DE    |
| Freeport-McMoRan Copper & Gold      | FCX.N      |
| Fresenius Medical Care AG & Co KGAA | FMEG.DE    |
| Fresenius SE & Co. KGaA             | FREG.DE    |
| Fresnillo                           | FRES.L     |

|                                  |           |
|----------------------------------|-----------|
| Fuchs Petrolub                   | FPEn.DE   |
| Galapagos N.V.                   | GLPG.AS   |
| Galp Energia                     | GALP.LS   |
| GAP Inc                          | GPS.N     |
| Gaztransport & Technigaz         | GTT.PA    |
| GEA Group AG                     | G1AG.DE   |
| Geberit                          | GEBN.S    |
| Gecina                           | GFCP.PA   |
| General Dynamics                 | GD.N      |
| General Electric                 | GE.N      |
| General Mills, Inc.              | GIS.N     |
| General Motors                   | GM.N      |
| Genmab                           | GMAB.CO   |
| Genworth Financial               | GNW.N     |
| GEO GROUP                        | GEO.N     |
| Gerresheimer                     | GXIG.DE   |
| Gestamp                          | GEST.MC   |
| Getin Noble Bank                 | GNB.WA    |
| Getinge                          | GETIb.ST  |
| Getlink                          | GETP.PA   |
| Gilead Sciences                  | GILD.OQ   |
| Givaudan                         | GIVN.S    |
| Glanbia PLC                      | GL9.I     |
| Glencore                         | GLEN.L    |
| Global Net Lease Inc             | GNL.N     |
| GN Store Nord                    | GN.CO     |
| Godaddy Inc                      | GDDY.N    |
| Goldman Sachs                    | GS.N      |
| Goodyear Europe B.V.             | GT.OQ     |
| Grand City Properties S.A.       | GYC.DE    |
| Great Portland Estates           | GPEG.L    |
| Greencore Group plc              | GNC.L     |
| Greenvolt Energias Renovaveis SA | gvolt.ls  |
| Greenyard                        | GREENY.BR |
| Greenergy Renovables SA          | GREG.MC   |
| Grenke AG                        | GLJn.DE   |
| Griffon Corporation              | GFF.N     |
| Grifols                          | GRLS.MC   |
| Groupe Bolloré                   | BOLL.PA   |
| Groupe Bruxelles Lambert         | GBLB.BR   |
| Groupe Seb                       | SEBF.PA   |
| Grupa Azoty                      | ATTP.WA   |
| GSK plc                          | GSK.L     |
| H&M Group                        | HMb.ST    |
| H&R Block                        | HRB.N     |

|                               |           |
|-------------------------------|-----------|
| Haleon PLC                    | HLN.L     |
| Halliburton                   | HAL.N     |
| Hammerson                     | HMSO.L    |
| Hannover RE                   | HNRGn.DE  |
| Hapag-Lloyd                   | HLAG.DE   |
| Hartford Financial            | HIG.N     |
| Hays                          | HAYS.L    |
| HCI Group                     | HCI.N     |
| HeidelbergCement              | HEIG.DE   |
| Heidelberger Druckmaschinen   | HDDG.DE   |
| Heineken                      | HEIN.AS   |
| HelloFresh                    | HFGG.DE   |
| Helmerich & Payne Inc         | HP.N      |
| Helvetia                      | HELN.S    |
| Henkel                        | HNKG_p.DE |
| HERA                          | HRA.MI    |
| Hermes                        | HRMS.PA   |
| Hess Corporation              | HES.N     |
| Hewlett Packard Enterprise Co | HPE.N     |
| Hewlett-Packard Company       | HPQ.N     |
| Hexagon AB                    | HEXAb.ST  |
| Hexcel                        | HXL.N     |
| Hochschild Mining plc         | HOCM.L    |
| Hochtief                      | HOTG.DE   |
| Holcim                        | HOLN.S    |
| HollyFrontier Corp.           | DINO.N    |
| Home Depot                    | HD.N      |
| Honeywell International       | HON.OQ    |
| HSBC Holdings PLC             | HSBA.L    |
| HUB GROUP, INC                | HUBG.OQ   |
| Hugo Boss                     | BOSSn.DE  |
| IAG                           | ICAG.L    |
| Iberdrola                     | IBE.MC    |
| IBM                           | IBM.N     |
| Icade                         | ICAD.PA   |
| Idorsia Ltd                   | IDIA.S    |
| IGD                           | IGD.MI    |
| IGT                           | IGT.N     |
| Illinois Tool Works Inc       | ITW.N     |
| IMCD                          | IMCD.AS   |
| Imerys                        | IMTP.PA   |
| IMI                           | IMI.L     |
| Immofinanz                    | IMFI.VI   |
| Imperial Brands               | IMB.L     |
| Impregilo                     | WBD.MI    |



|                                      |          |
|--------------------------------------|----------|
| Inchcape                             | INCH.L   |
| Inditex                              | ITX.MC   |
| Indra                                | IDR.MC   |
| Infineon Technologies                | IFXGn.DE |
| Informa                              | INF.L    |
| Infrastrutture Wireless Italiane SpA | INWT.MI  |
| ING Bank Slaski S.A.                 | INGP.WA  |
| ING Group                            | INGA.AS  |
| Ingredion                            | INGR.N   |
| INTER PARFUMS                        | IPAR.PA  |
| Intercontinental Hotels              | IHG.L    |
| IntercontinentalExchange             | ICE.N    |
| Interface Inc                        | TILE.OQ  |
| Intermediate Capital Group           | ICP.L    |
| International Flavors & Fragrances   | IFF.N    |
| International Paper                  | IP.N     |
| Intertek                             | ITRK.L   |
| Intesa Sanpaolo                      | ISP.MI   |
| Ipsen                                | IPN.PA   |
| Ipsos                                | ISOS.PA  |
| Iren SpA                             | IREE.MI  |
| Iridium Communications               | IRDM.OQ  |
| ISS A/S                              | ISS.CO   |
| Italgas                              | IG.MI    |
| Italmobiliare                        | ITMI.MI  |
| ITT Corp                             | ITT.N    |
| ITV plc                              | ITV.L    |
| J Sainsbury                          | SBRY.L   |
| Jackson Financial Inc                | JXN.N    |
| JCDecaux                             | JCDX.PA  |
| JD Sports                            | JD.L     |
| JDEP                                 | JDEP.AS  |
| Jeronimo Martins                     | JMT.LS   |
| Jetblue                              | JBLU.OQ  |
| John Wood Group PLC                  | WG.L     |
| Johnson & Johnson                    | JNJ.N    |
| JPMorgan Chase & Co.                 | JPM.N    |
| JSW                                  | JSW.WA   |
| Julius Baer Group                    | BAER.S   |
| Juniper Networks                     | JNPR.N   |
| Jupiter Fund Management              | JUP.L    |
| Just Eat Takeaway                    | TKWY.AS  |
| Just Group                           | JUSTJ.L  |
| Juventus FC SpA                      | JUVE.MI  |
| JW Nordstrom                         | JWN.N    |



|                               |           |
|-------------------------------|-----------|
| JYSKE BANK A/S                | JYSK.CO   |
| K+S                           | SDFGn.DE  |
| Kaufman & Broad               | KOF.PA    |
| KBC                           | KBC.BR    |
| Kering                        | PRTP.PA   |
| Kerry                         | KYGa.I    |
| KeyCorp                       | KEY.N     |
| KGHM                          | KGH.WA    |
| KIA Corporation               | 000270.KS |
| Kimberly-Clark Corporation    | KMB.N     |
| Kinder Morgan Inc.            | KMI.N     |
| Kingfisher                    | KGF.L     |
| Kingspan                      | KSP.I     |
| Kinross Gold Corp             | K.TO      |
| Kion Group                    | KGX.DE    |
| KKR & Co. Inc                 | KKR.N     |
| Klepierre                     | LOIM.PA   |
| Knorr-Bremse                  | KBX.DE    |
| KOHL'S                        | KSS.N     |
| Kone                          | KNEBV.HE  |
| Korian                        | KORI.PA   |
| Kosmos Energy                 | KOS.N     |
| KPN                           | KPN.AS    |
| Kraft Heinz                   | KHC.OQ    |
| Kroger                        | KR.N      |
| Krones AG                     | KRNG.DE   |
| Kuehne and Nagel              | KNIN.S    |
| L3Harris Technologies         | LHX.N     |
| Lagardère                     | LAGA.PA   |
| Land Securities               | LAND.L    |
| Lanxess                       | LXSG.DE   |
| Lar Espana                    | LRES.MC   |
| Laredo Petroleum Holdings Inc | LPI.N     |
| Lazard Ltd                    | LAZ.N     |
| Lectra                        | LECS.PA   |
| LEG Immobilien AG             | LEGn.DE   |
| Legal & General               | LGEn.L    |
| Legrand                       | LEGD.PA   |
| Lennar                        | LEN.N     |
| Leonardo SpA                  | LDOF.MI   |
| Leoni AG                      | LEOGn.DE  |
| Liberty Interactive Corp      | QRTEA.OQ  |
| Lincoln National              | LNC.N     |
| Linde plc                     | LIN.N     |
| Lindt & Spruengli AG          | LISN.S    |



|                             |          |
|-----------------------------|----------|
| Lisi                        | GFII.PA  |
| Lloyds Banking Group        | LLOY.L   |
| Lockheed Martin             | LMT.N    |
| Logista                     | LOG.MC   |
| Logitech International      | LOGN.S   |
| London Stock Exchange Group | LSEG.L   |
| Lonza Group AG              | LONN.S   |
| L'Oréal                     | OREP.PA  |
| Lowe's                      | LOW.N    |
| Lundbeck                    | HLUNb.CO |
| LVMH                        | LVMH.PA  |
| LyondellBasell              | LYB.N    |
| M6                          | MMTP.PA  |
| Macerich Co.                | MAC.N    |
| Macy's                      | M.N      |
| Maire tecnimont             | MTCM.MI  |
| Maisons du Monde            | MDM.PA   |
| Man Group                   | EMG.L    |
| Manitou                     | MANP.PA  |
| MANITOWOC COMPANY           | MTW.N    |
| ManpowerGroup Inc.          | MAN.N    |
| Mapfre                      | MAP.MC   |
| Marathon Oil                | MRO.N    |
| Marathon Petroleum Corp.    | MPC.N    |
| Marks & Spencer             | MKS.L    |
| Marriott International Inc  | MAR.OQ   |
| Mastercard Inc              | MA.N     |
| Match Group                 | MTCH.OQ  |
| Mattel                      | MAT.OQ   |
| Maxar Technologies INC      | MAXR.N   |
| Mbank S.A.                  | MBK.WA   |
| McDonald's                  | MCD.N    |
| McKesson Europe AG          | MCK.N    |
| McPhy                       | MCPHY.PA |
| MDC Holdings                | MDC.N    |
| Mediaset                    | MFEB.MI  |
| Mediaset Espana             | TL5.MC   |
| Mediobanca Spa              | MDBI.MI  |
| MEDIOLANUM                  | BMED.MI  |
| Meggitt                     | MGGT.L   |
| Melia Hotels International  | MEL.MC   |
| Melrose Industries plc      | MRON.L   |
| Mercedes-Benz Group AG      | MBGn.DE  |
| Mercialys                   | MERY.PA  |
| Merck and Co Inc.           | MRK.N    |



|                                 |           |
|---------------------------------|-----------|
| Merck KGaA                      | MRCG.DE   |
| Merlin Properties               | MRL.MC    |
| Mersen                          | CBLP.PA   |
| Meta Platforms                  | META.OQ   |
| MetLife Inc                     | MET.N     |
| Metro AG                        | B4B.DE    |
| Metrovacesa                     | MVC.MC    |
| Metsa Board                     | METSB.HE  |
| Metso Outotec                   | MOCORP.HE |
| Michael Page                    | PAGE.L    |
| Michelin                        | MICP.PA   |
| MICRON TECHNOLOGY INC.          | MU.OQ     |
| Microsoft Corporation           | MSFT.OQ   |
| Midstates Petroleum Company Inc | AMPY.N    |
| Mirae Asset Daewoo Co., Ltd     | 006800.KS |
| MLP                             | MLPG.DE   |
| Molson Coors                    | TAP.N     |
| Moncler                         | MONC.MI   |
| Mondelez International          | MDLZ.OQ   |
| Morgan Stanley                  | MS.N      |
| Morgran Crucible                | MGAMM.L   |
| MorphoSys                       | MORG.DE   |
| Mosaic                          | MOS.N     |
| Motorola Inc                    | MSI.N     |
| Motorola Mobility               | MMI.N     |
| MTU                             | MTXGn.DE  |
| Munich RE                       | MUVGn.DE  |
| Murphy Oil                      | MUR.N     |
| Nabors Industries Ltd           | NBR.N     |
| National Grid                   | NG.L      |
| National Oilwell Varco          | NOV.N     |
| Naturgy                         | NTGY.MC   |
| NatWest Group Plc               | NWG.L     |
| Navient Corp                    | NAVI.OQ   |
| Neinor Homes                    | HOME.MC   |
| Nemetschek                      | NEKG.DE   |
| Neoen                           | NEOEN.PA  |
| Neste                           | NESTE.HE  |
| Nestlé SA                       | NESN.S    |
| Netflix                         | NFLX.OQ   |
| Network International           | NETW.L    |
| New Residential Investment Corp | NRZ.N     |
| Newmont Mining Corporation      | NEM.N     |
| Nexans                          | NEXS.PA   |
| Nexi                            | NEXII.MI  |

|                                    |           |
|------------------------------------|-----------|
| Nexity                             | NEXI.PA   |
| Next                               | NXT.L     |
| Nextera Energy                     | NEE.N     |
| Nike                               | NKE.N     |
| NISOURCE FINANCE CORP              | NI.N      |
| NKT A/S                            | NKT.CO    |
| NN GROUP NV                        | NN.AS     |
| Nokia                              | NOKIA.HE  |
| Nordea                             | NDAFI.HE  |
| Nordex                             | NDXG.DE   |
| Norma Group                        | NOEJ.DE   |
| Norsk Hydro                        | NHY.OL    |
| Northrop Grumman                   | NOC.N     |
| Norwegian Air Shuttle              | NAS.OL    |
| Norwegian Cruise Line Holdings Ltd | NCLH.N    |
| Norwegian Energy Company ASA       | NOR.OL    |
| NOS                                | NOS.LS    |
| Novartis AG                        | NOVN.S    |
| Novo Nordisk                       | NOVOB.CO  |
| Novozymes A/S                      | NZYM.CO   |
| Nucor Corp                         | NUE.N     |
| Ocado                              | OCDO.L    |
| Occidental Petroleum Corporation   | OXY.N     |
| Oceaneering International          | OII.N     |
| OCI                                | OCI.AS    |
| ODFJELL SE                         | ODF.OL    |
| Oerlikon                           | OERL.S    |
| OHLA                               | OHLA.MC   |
| Omnicom Group Incorporated         | OMC.N     |
| OMV                                | OMVV.VI   |
| OneMain Holding, Inc.              | OMF.N     |
| OneSavings Bank                    | OSBO.L    |
| Ontex                              | ONTEX.BR  |
| Oracle                             | ORCL.N    |
| Orange                             | ORAN.PA   |
| Orange Belgium                     | OBEL.BR   |
| Orange Polska                      | OPL.WA    |
| Organon & Co.                      | OGN.N     |
| Orion Engineered Carbons SA        | OEC.N     |
| Orpea                              | ORP.PA    |
| Orsted A/S                         | ORSTED.CO |
| Otis Worldwide Corporation         | OTIS.N    |
| Outokumpu                          | OUT1V.HE  |
| OVHcloud                           | OVH.PA    |
| OWENS & MINOR, INC                 | OMI.N     |



|                             |           |
|-----------------------------|-----------|
| Palantir Technologies Inc.  | PLTR.N    |
| Pandora                     | PNDORA.CO |
| Paragon                     | PAGPA.L   |
| Paramount Global            | PARA.OQ   |
| Partners Group              | PGHN.S    |
| Patterson-UTI Energy Inc    | PTEN.OQ   |
| PBF Energy                  | PBF.N     |
| Peabody Energy              | BTU.N     |
| Pearson                     | PERSON.L  |
| Pennon Group                | PNN.L     |
| PepsiCo                     | PEP.OQ    |
| Pernod Ricard               | PERP.PA   |
| Perrigo Company PLC         | PRGO.N    |
| Pfizer                      | PFE.N     |
| PGNIG                       | PGN.WA    |
| PGS                         | PGS.OL    |
| Pharol SGPS SA              | PHRA.LS   |
| Philip Morris International | PM.N      |
| Philips                     | PHG.AS    |
| Phillips 66                 | PSX.N     |
| PHN                         | PHN.WA    |
| Pioneer Natural Resources   | PXD.N     |
| Pitney Bowes                | PBI.N     |
| PKN Orlen                   | PKN.WA    |
| PKO Bank Polski             | PKO.WA    |
| PKP Cargo                   | PKPP.WA   |
| Plastic Omnium              | PLOF.PA   |
| PNC Financial               | PNC.N     |
| Polenergia                  | PEPP.WA   |
| Polo Ralph Lauren Corp      | RL.N      |
| Polska Grupa Energetyczna   | PGE.WA    |
| Porr                        | ABGV.VI   |
| Porsche SE                  | PSHG_p.DE |
| Poste Italiane Spa          | PST.MI    |
| PPG Industries              | PPG.N     |
| PPL Corp                    | PPL.N     |
| Premier Foods plc           | PFD.L     |
| Premier Oil                 | HBR.L     |
| Procter & Gamble            | PG.N      |
| Prologis                    | PLD.N     |
| ProSiebensat1 Media         | PSMGn.DE  |
| PROSUS NV                   | PRX.AS    |
| Provident Financial         | PFGL      |
| Proximus                    | PROX.BR   |
| Prudential                  | PRU.L     |



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|-------------------------------|----------|
| Prudential Financial          | PRU.N    |
| Prysmian SpA                  | PRY.MI   |
| PSE&G Corp                    | PEG.N    |
| Public Storage                | PSA.N    |
| Publicis Groupe               | PUBP.PA  |
| Pulte Group                   | PHM.N    |
| Puma                          | PUMG.DE  |
| PZU                           | PZU.WA   |
| Qiagen                        | QIA.DE   |
| Quadient                      | QDT.PA   |
| Qualcomm Inc                  | QCOM.OQ  |
| Quilter Plc                   | QLT.L    |
| Raiffeisen Bank International | RBIV.VI  |
| Randstad                      | RAND.AS  |
| Range Resources               | RRC.N    |
| Ratos                         | RATOb.ST |
| Reckitt Benckiser             | RKT.L    |
| Red Electrica                 | REDE.MC  |
| Redde Plc                     | REDD.L   |
| Redes Energeticas Nacionais   | RENE.LS  |
| Regions Financial             | RF.N     |
| REINSURANCE GROUP OF AMERICA  | RGA.N    |
| Relx NV                       | REL.AS   |
| Relx PLC                      | REL.L    |
| Rémy Cointreau                | RCOP.PA  |
| Renault                       | RENA.PA  |
| Renewable Energy Corporation  | RECSI.OL |
| Rentokil Initial              | RTO.L    |
| Repsol                        | REP.MC   |
| Rexel                         | RXL.PA   |
| Rheinmetall                   | RHMG.DE  |
| Richemont                     | CFR.S    |
| Rightmove                     | RMV.L    |
| Rio Tinto                     | RIO.L    |
| Roche                         | ROG.S    |
| Rockwell Automation           | ROK.N    |
| Rockwool B                    | ROCKb.CO |
| Rogers Corporation            | ROG.N    |
| Rolls-Royce                   | RR.L     |
| Roper Technologies, Inc.      | ROP.N    |
| Rotork Plc                    | ROR.L    |
| Royal Caribbean Cruises Ltd   | RCL.N    |
| Royal Mail Group              | RMG.L    |
| RTL Group                     | RRTL.DE  |
| Rubis                         | RUBF.PA  |



|                                           |           |
|-------------------------------------------|-----------|
| RWE                                       | RWEG.DE   |
| Sacyr                                     | SCYR.MC   |
| SAF-Holland                               | SFQ.DE    |
| Safilo                                    | SFLG.MI   |
| Safran                                    | SAF.PA    |
| Sage                                      | SGE.L     |
| Saint-Gobain                              | SGOB.PA   |
| Saipem                                    | SPMI.MI   |
| Salesforce                                | CRM.N     |
| Salvatore Ferragamo                       | SFER.MI   |
| Salzgitter                                | SZGG.DE   |
| Samhallsbyggnadsbolaget I Norden AB (SBB) | SBBb.ST   |
| Sampo                                     | SAMPO.HE  |
| SandRidge Energy                          | SD.N      |
| Sandvik                                   | SAND.ST   |
| Sanofi                                    | SASY.PA   |
| Sanok Rubber Company                      | SNK.WA    |
| Santander Bank Polska SA                  | SPL1.WA   |
| SAP                                       | SAPG.DE   |
| Saras                                     | SRS.MI    |
| Sartorius AG                              | SATG_p.DE |
| Sartorius Stedim Biotech                  | STDM.PA   |
| SBM Offshore                              | SBMO.AS   |
| SCA                                       | SCAb.ST   |
| Schaeffler                                | SHA_p.DE  |
| Schibsted Media Group                     | SCHA.OL   |
| Schindler                                 | SCHP.S    |
| Schlumberger                              | SLB.N     |
| Schneider                                 | SCHN.PA   |
| Schroders PLC                             | SDR.L     |
| Scor                                      | SCOR.PA   |
| Scout24                                   | G24n.DE   |
| SEB                                       | SEBa.ST   |
| Securitas AB                              | SECUb.ST  |
| Segro PLC                                 | SGRO.L    |
| Sempra Energy                             | SRE.N     |
| Senior PLC                                | SNR.L     |
| SES                                       | SESFd.PA  |
| SES-imagotag                              | SESL.PA   |
| Severn Trent                              | SVT.L     |
| SGL Carbon                                | SGCG.DE   |
| SGS                                       | SGSN.S    |
| Shaftesbury                               | SHB.L     |
| Shanks Group                              | RWI.L     |
| Shell Plc                                 | SHEL.L    |

|                              |           |
|------------------------------|-----------|
| Sherwin-Williams             | SHW.N     |
| Shinhan Financial Group      | 055550.KS |
| Shurgard Self-Storage SA     | SHUR.BR   |
| Siemens                      | SIEGn.DE  |
| Siemens Energy               | ENR1n.DE  |
| Siemens Gamesa RE            | SGREN.MC  |
| Siemens Healthineers AG      | SHLG.DE   |
| Signet Jewelers Limited      | SIG.N     |
| Signify                      | LIGHT.AS  |
| Sika AG                      | SIKA.S    |
| Simon Property Group         | SPG.N     |
| SIPEF                        | SIFB.BR   |
| Skanska                      | SKAb.ST   |
| SKF                          | SKFb.ST   |
| SM Energy                    | SM.N      |
| Smith & Nephew               | SN.L      |
| Smiths Group                 | SMIN.L    |
| Smurfit Kappa                | SKG.I     |
| Snam                         | SRG.MI    |
| SNAP-ON Inc.                 | SNA.N     |
| Société Générale             | SOGN.PA   |
| Sodexo                       | EXHO.PA   |
| Sofina                       | SOF.BR    |
| Software AG                  | SOWGn.DE  |
| Soitec                       | SOIT.PA   |
| Solaria                      | SLRS.MC   |
| Solutions 30                 | S30.PA    |
| Solvay SA                    | SOLB.BR   |
| Somfy                        | DAMA.PA   |
| SonaeCom                     | SNC.LS    |
| Sonova                       | SOON.S    |
| Sopra Steria Group           | SOPR.PA   |
| Southern Copper Corporation  | SCCO.N    |
| Southern Natural Gas Company | SO.N      |
| Southwestern Energy          | SWN.N     |
| Sparebank 1 SMN              | MING.OL   |
| Spie                         | SPIE.PA   |
| Spirent                      | SPT.L     |
| Spirit Airlines Inc          | SAVE.N    |
| Sports Direct                | FRAS.L    |
| SSAB                         | SSABb.ST  |
| SSE                          | SSE.L     |
| St. James's Place            | SJP.L     |
| Stabilus                     | STAB.DE   |
| Stadler Rail AG              | SRAIL.S   |



|                                   |          |
|-----------------------------------|----------|
| Standard Chartered                | STAN.L   |
| Standard Life Aberdeen Plc        | ABDN.L   |
| Stef-TFE                          | STF.PA   |
| Stellantis N.V.                   | STLA.MI  |
| STMicroelectronics                | STM.PA   |
| StoreBrand                        | STB.OL   |
| STRABAG SE                        | STRV.VI  |
| Straumann Holding                 | STMN.S   |
| Subsea 7                          | SUBC.OL  |
| Suedzucker                        | SZUG.DE  |
| Sunpower                          | SPWR.OQ  |
| Svenska Handelsbanken             | SHBa.ST  |
| Swatch                            | UHR.S    |
| Swedbank                          | SWEDa.ST |
| Swedish Match                     | SWMA.ST  |
| Swiss Life                        | SLHN.S   |
| Swiss RE                          | SRENH.S  |
| Swisscom                          | SCMN.S   |
| Swissquote                        | SQN.S    |
| Switch, Inc.                      | SWCH.N   |
| Sydbank                           | SYDB.CO  |
| Symrise                           | SY1G.DE  |
| Synchrony Financial               | SYF.N    |
| Synnex Systems Inc                | SNX.N    |
| TAG Immobilien AG                 | TEGG.DE  |
| Talanx                            | TLXGn.DE |
| Talgo                             | TLGO.MC  |
| TALOS ENERGY LLC                  | TALO.N   |
| Target                            | TGT.N    |
| Tate & Lyle plc                   | TATE.L   |
| Tauron                            | TPE.WA   |
| Technicolor                       | TCH.PA   |
| Technip Energies                  | TE.PA    |
| Teekay Corporation                | TK.N     |
| Tele2                             | TEL2b.ST |
| Telecom Italia                    | TLIT.MI  |
| Telecom Italia Rsp                | TLITn.MI |
| Telefónica Deutschland Holding AG | O2Dn.DE  |
| Telefonica SA                     | TEF.MC   |
| Telekom Austria                   | TELA.VI  |
| Telenet                           | TNET.BR  |
| Telenor AS                        | TEL.OL   |
| Teleperformance                   | TEPRF.PA |
| Telia Company AB                  | TELIA.ST |
| Temenos                           | TEMN.S   |



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|---------------------------|---------|
| Tenaris                   | TENR.MI |
| Tenet Healthcare          | THC.N   |
| Terna                     | TRN.MI  |
| Tesco                     | TSCO.L  |
| TESLA INC                 | TSLA.OQ |
| Tethys Oil AB             | TETY.ST |
| TF1                       | TFFP.PA |
| Thales                    | TCFP.PA |
| The Coca-Cola Company     | KO.N    |
| The Darden Group          | DRI.N   |
| The Dow Chemical          | DOW.N   |
| The Hershey Company       | HSY.N   |
| The Nasdaq OMX Group Inc  | NDAQ.OQ |
| The Timken Company        | TKR.N   |
| The Trade Desk, Inc       | TTD.OQ  |
| Thermador                 | THHG.PA |
| Thyssenkrupp              | TKAG.DE |
| TI Fluid Systems          | TIFS.L  |
| Tikehau Capital           | TKOO.PA |
| T-Mobile US               | TMUS.OQ |
| TNT Post Group            | PTNL.AS |
| Tod's                     | TOD.MI  |
| Toll Brothers             | TOL.N   |
| TomTom                    | TOM2.AS |
| TotalEnergies             | TTEF.PA |
| TP Icap                   | TCAPI.L |
| Transalta Corporation     | TA.TO   |
| Traton SE                 | 8TRA.DE |
| Travelers Inc             | TRV.N   |
| Travis Perkins            | TPK.L   |
| Trigano                   | TRIA.PA |
| Trinity Mirror            | RCH.L   |
| Trinseo PLC               | TSE.N   |
| Triumph Group             | TGI.N   |
| Tullow Oil                | TLW.L   |
| TURNING POINT BRANDS INC  | TPB.N   |
| U.S. Bancorp              | USB.N   |
| UBI Banca                 | UBI.MI  |
| Ubisoft                   | UBIP.PA |
| UBS AG                    | UBSG.S  |
| UCB SA                    | UCB.BR  |
| UGI CORP                  | UGI.N   |
| Unibail-Rodamco-Westfield | URW.AS  |
| Unicaja                   | UNI.MC  |
| UniCredit SpA             | CRDI.MI |

|                        |           |
|------------------------|-----------|
| Unieuro SpA            | UNIR.MI   |
| Unilever NV            | ULVR.AS   |
| Unilever PLC           | ULVR.L    |
| Uniper                 | UN01.DE   |
| Unipol Gruppo          | UNPI.MI   |
| UnipolSai              | US.MI     |
| Uniq                   | UNIQ.VI   |
| United Internet        | UTDI.DE   |
| United Parcel Service  | UPS.N     |
| United Utilities       | UU.L      |
| Universal Music Group  | UMG.AS    |
| UPM-Kymmene            | UPM.HE    |
| Vaalco Energy          | EGY.N     |
| Valeo                  | VLOF.PA   |
| Valero Energy Corp.    | VLO.N     |
| Vallourec              | VLLP.PA   |
| VALNEVA                | VLS.PA    |
| Vantage Towers AG      | VTWRn.DE  |
| Veolia Environnement   | VIE.PA    |
| Verallia               | VRLA.PA   |
| Verbund                | VERB.VI   |
| Verizon                | VZ.N      |
| Vestas Wind Systems    | VWS.CO    |
| VGP                    | VGP1.BR   |
| ViacomCBS Inc          | PARAA.OQ  |
| Vicat                  | VCTP.PA   |
| Vienna Insurance Group | VIGR.VI   |
| Vilmorin et Cie        | VILM.PA   |
| Vinci                  | SGEF.PA   |
| VIRBAC                 | VIRB.PA   |
| Virgin Money UK        | VMUK.L    |
| Viscofan SA            | VIS.MC    |
| Vivendi                | VIV.PA    |
| VMware Inc             | VMW.N     |
| Vodafone               | VOD.L     |
| Voestalpine AG         | VOES.VI   |
| Volkswagen             | VOWG_p.DE |
| Voltalia               | VLTS.A.PA |
| Volvo                  | VOLVb.ST  |
| Vonovia SE             | VNAn.DE   |
| Vontobel               | VONN.S    |
| Vornado Realty         | VNO.N     |
| Vossloh                | VOSG.DE   |
| W&T Offshore           | WTI.N     |
| Wabtec                 | WAB.N     |



|                        |           |
|------------------------|-----------|
| Wacker Chemie          | WCHG.DE   |
| WalMart                | WMT.N     |
| Warehouses De Pauw     | WDPP.BR   |
| Warsaw Stock Exchange  | GPW.WA    |
| Watches of Switzerland | WOSG.L    |
| Weir Group             | WEIR.L    |
| Wells Fargo & Co.      | WFC.N     |
| Wendel                 | MWDP.PA   |
| Western Union          | WU.N      |
| WeWork Inc             | WE.N      |
| Whitbread              | WTB.L     |
| WideOpenWest, Inc      | WOW.N     |
| William Demant         | DEMANT.CO |
| Williams Companies     | WMB.N     |
| Wizz Air               | WIZZ.L    |
| Wolters Kluwer         | WLSNc.AS  |
| Workday                | WDAY.OQ   |
| Worldline              | WLN.PA    |
| WPP Group              | WPP.L     |
| Xylem                  | XYL.N     |
| Yara International     | YAR.OL    |
| Yum! Brands            | YUM.N     |
| Zalando                | ZALG.DE   |
| ZEC KOGENERACJA        | KGN.WA    |
| Zimmer Biomet          | ZBH.N     |
| Zurich Insurance Group | ZURN.S    |

***SG or its affiliates managed or co-managed in the past 12 months a public offering of securities of:  
Please refer to the following (Pre04)***

|                                            |              |
|--------------------------------------------|--------------|
| 2MX Organic                                | 2MX.PA       |
| A2A Spa                                    | A2.MI        |
| Aareal Bank                                | ARLG.DE      |
| Abbott Laboratories                        | ABT.N        |
| AbbVie                                     | ABBV.N       |
| ABN Amro                                   | ABNd.AS      |
| About You                                  | YOUG.DE      |
| Abu Dhabi National Oil Company             | nocode0632   |
| Acciona                                    | ANA.MC       |
| ACCIONA ENERGIA FINANCIACION FILIALES, S.A | nocode0648   |
| Accor                                      | ACCP.PA      |
| ACEF Holding SCA                           | nocode000112 |
| ACS                                        | ACS.MC       |
| ACS Servicios Comunicaciones y Energia SA  | nocode675    |



|                                    |             |
|------------------------------------|-------------|
| Action Logement Services           | nocode00098 |
| Adecco                             | ADEN.S      |
| AerCap Global Aviation Trust       | nocode0307  |
| AERCAP HOLDINGS NV                 | AER.N       |
| AerCap Ireland Capital DAC         | nocode0306  |
| Agence Francaise de Developpement  | nocode746   |
| Agence Francaise Locale            | nocode397   |
| Agrifarma SpA                      | nocode00121 |
| AIG                                | AIG.N       |
| Air France-KLM                     | AIRF.PA     |
| Air Lease Corporation              | AL.N        |
| Akbank                             | AKBNK.IS    |
| Akka Technologies                  | AKA.PA      |
| ALD Automotive                     | ALDA.PA     |
| ALLEGRO B.V.                       | nocode00176 |
| Allianz SE                         | ALVG.DE     |
| Allied Universal Finance Corp      | Nocode123   |
| Alphabet                           | GOOGL.OQ    |
| Alstom                             | ALSO.PA     |
| Altarea Cogedim                    | IMAF.PA     |
| Altareit SCA                       | AREIT.FP    |
| Altice France                      | nocode0322  |
| Altice International               | nocode062   |
| ALUMINUM CORPORATION OF CHINA      | nocode00066 |
| Amazon                             | AMZN.OQ     |
| American Finance Trust Inc         | AFIN.O      |
| American Honda Finance Corp        | nocode104   |
| American Tower Corporation         | AMT.N       |
| Anheuser-Busch InBev               | ABI.BR      |
| Anheuser-Busch InBev Worldwide Inc | nocode658   |
| Antares Holdings LP                | nocode00105 |
| ANZ NEW ZEALAND (INT'L) LIMITED    | nocode00112 |
| Apache Corp                        | APA.OQ      |
| Aperam                             | APAM.AS     |
| Apollo Global Management LLC       | APO.N       |
| AptarGroup Inc                     | ATR.N       |
| Aptiv PLC                          | APTV.N      |
| Aramis Group                       | ARAMI.PA    |
| Ares Capital Corporation           | ARCC.O      |
| Assic Generali spa                 | GASI.MI     |
| Associated British Foods           | ABF.L       |
| ASTM                               | ATMI.MI     |
| AstraZeneca                        | AZN.L       |
| AT&T Inc                           | T.N         |
| Athene Global Funding              | nocode0768  |

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|-------------------------------------------------|-------------|
| ATHENE HOLDING LTD                              | ATH.N       |
| ATN International, Inc.                         | ATNI.O      |
| Atos                                            | ATOS.PA     |
| Auchan                                          | AUCH_SG     |
| AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED | ANZ.AX      |
| Autogrill                                       | AGL.MI      |
| Automatic Data Processing                       | ADP.OQ      |
| Autoroutes Paris-Rhin-Rhone                     | APRR.PA     |
| Aviation Capital Group                          | nocode0575  |
| Avolon Holdings Funding Limited                 | nocode0403  |
| Avolon Holdings Limited                         | nocode0325  |
| Axa                                             | AXAF.PA     |
| Axa Bank Europe SCF                             | nocode0550  |
| AXA HOME LOAN SFH                               | nocode0473  |
| Axian Telecom                                   | nocode00135 |
| Axis Bank                                       | AXBK.NS     |
| AXIS BANK GIFT CITY BRANCH                      | nocode0499  |
| Azure Power Energy                              | nocode88819 |
| Bain Capital Inc.                               | nocode822   |
| Bain Capital Specialty Finance Inc              | nocode00124 |
| Baker Hughes a GE Company                       | BKR.OQ      |
| Banca Popolare di Sondrio                       | BPSI.MI     |
| Banco BPM                                       | BAMI.MI     |
| BANCO DE CREDITO SOCIAL COOPERATIVO             | nocode00103 |
| Banco de Sabadell                               | SABE.MC     |
| Banco Santander                                 | SAN.MC      |
| BANK GOSPODARSTWA KRAJOWEGO                     | nocode00173 |
| Bank of America                                 | BAC.N       |
| Bank of Montreal                                | BMO.TO      |
| Bank of New York Mellon                         | BK.N        |
| Bank of New Zealand                             | nocode00183 |
| Bank of Nova Scotia                             | BNS.TO      |
| Banque Federative du Credit Mutuel (BFCM)       | nocode415   |
| Barclays                                        | BARC.L      |
| Barings BDC Inc.                                | BBDC.N      |
| BASF SE                                         | BASFn.DE    |
| Bayerische Landesbank Girozentrale              | BLGGgi.f    |
| BBVA                                            | BBVA.MC     |
| BCP V Modulair Services Finance PLC             | nocode00120 |
| BCP V Modular Services Finance II               | nocode00119 |
| Believe                                         | BLV.PA      |
| Beneteau                                        | CHBE.PA     |
| Bertelsmann                                     | BTGGg.F     |
| Biosev                                          | BSEV3.SA    |
| Blackstone                                      | BX.N        |

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|----------------------------------------------------|-------------|
| Blackstone Holdings Finance Co. L.L.C.             | nocode0103  |
| Blackstone Private Credit Fund                     | nocode0313  |
| Blackstone Secured Lending Fund                    | BXSL.N      |
| Blackstone/Gso Secured Lending Fund                | nocode0576  |
| Blue Owl Capital Inc                               | OWL.N       |
| BNG Bank NV                                        | nocode0002  |
| Boeing                                             | BA.N        |
| Bombardier                                         | BBDb.TO     |
| Boston Scientific Corp                             | BSX.N       |
| Bouygues                                           | BOUY.PA     |
| BP                                                 | BP.L        |
| BPI France                                         | nocode047   |
| Bristol Myers Squibb                               | BMY.N       |
| British Telecommunications PLC                     | nocode00156 |
| Brookfield Asset Management Inc.                   | BAMa.TO     |
| Brookfield BRP Holdings (Canada) Inc.              | BEPH.N      |
| Brookfield Finance Inc                             | nocode549   |
| Bunge Ltd                                          | BG.N        |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313   |
| Cairn Energy Plc                                   | CNE.L       |
| Caisse Française de Financement Local              | nocode084   |
| Caixa Geral de Depositos                           | nocode64    |
| Caixabank                                          | CABK.MC     |
| CAJAMAR                                            | nocode802   |
| Camelot Return Merger Sub Inc                      | nocode00185 |
| Canadian Imperial Bank of Commerce                 | CM.TO       |
| Capgemini                                          | CAPP.PA     |
| Cargill Inc                                        | nocode346   |
| Carmila                                            | CARM.PA     |
| Carrefour                                          | CARR.PA     |
| Carrefour Banque                                   | nocode91    |
| Carrier Global Corporation                         | CARR.N      |
| Casino                                             | CASP.PA     |
| Cassa Depositi e Prestiti                          | nocode058   |
| Caterpillar Financial Services Corp                | nocode327   |
| Caterpillar Inc                                    | CAT.N       |
| CBOM Finance                                       | nocode9970  |
| CDK Global Inc                                     | CDK.O       |
| Ceconomy                                           | CECG.DE     |
| CegeReal                                           | CGR.PA      |
| Cellnex                                            | CLNX.MC     |
| Cellnex Finance Company SA                         | nocode00095 |
| Central Merger Sub Inc.                            | nocode00182 |
| Ceska Telekomunikacni Infrastruktura               | nocode146   |
| CGI                                                | GIBa.TO     |



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|---------------------------------------------|-------------|
| CHALCO                                      | 2600.HK     |
| Cheniere Corpus Christi Holdings, LLC       | nocode962   |
| Cheniere Energy Partners, L.P.              | CQP.A       |
| Cheniere Energy, Inc.                       | LNG.A       |
| Chevron                                     | CVX.N       |
| China Hongqiao Group Ltd                    | 1378.HK     |
| China Tianying Inc                          | 000035.SZ   |
| Chinalco Capital Holdings Limited           | nocode00068 |
| CIMIC                                       | CIM.AX      |
| Cintra                                      | CCIT.MC     |
| Citigroup                                   | C.N         |
| CMA CGM                                     | nocode333   |
| CNH Industrial                              | CNHI.N      |
| CNP Assurances                              | CNPP.PA     |
| Cofinimmo                                   | COFB.BR     |
| Colonial                                    | COL.MC      |
| Comcast Corporation                         | CMCSA.OQ    |
| COMMONWEALTH BANK                           | CBA.AX      |
| Compagnie des Alpes                         | CDAF.PA     |
| Compagnie Maritime Belge                    | nocode9     |
| Comstock Resources                          | CRK.N       |
| Condor Merger Sub Inc.                      | nocode6257  |
| Constructions Industrielles Mediterranee SA | CNIM.PA     |
| Cornerstone Building Brands Inc             | CNR.N       |
| CPI Property Group                          | O5G.DE      |
| Credit Agricole Group                       | CRDA.FA     |
| Credit Agricole Italia S.P.A                | nocode009   |
| Credit Bank of Moscow                       | CBOM.MM     |
| Credit Logement                             | CRLOG.PA    |
| Credit Mutuel Home Loan SFH                 | nocode365   |
| Credit Suisse                               | CSGN.S      |
| Credito Emiliano                            | EMBI.MI     |
| CRH PLC                                     | CRH.L       |
| Crown Castle International                  | CCI.N       |
| CTP BV                                      | nocode00043 |
| CVC Capital Partners Limited                | nocode1100  |
| Czech Gas Networks Investments              | nocode0540  |
| Daimler Truck AG                            | DTGGe.DE    |
| Daimler Truck Holding AG                    | nocode00144 |
| Daimler Trucks Finance NA                   | nocode00142 |
| Dassault Systèmes                           | DAST.PA     |
| DBS Bank Limited                            | nocode00130 |
| DE VOLKSBANK N.V.                           | nocode0406  |
| DEE TECH                                    | nocode00093 |
| Dell Bank International                     | nocode0510  |

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|----------------------------------|-------------|
| Dell Technologies Inc.           | DELL.N      |
| Derichebourg                     | DBG.PA      |
| Deutsche Bahn Finance GMBH       | nocode0533  |
| Deutsche Börse                   | DB1Gn.DE    |
| Deutsche Kreditbank AG           | nocode00168 |
| Deutsche Lufthansa               | LHAG.DE     |
| Deutsche Telekom                 | DTEGn.DE    |
| Dexia Credit Local               | DCL_SG      |
| Dia                              | DIDA.MC     |
| DIC Asset AG                     | DICn.DE     |
| Discover Bank                    | nocode0500  |
| Discovery Communications         | DISCA.O     |
| Disney                           | DIS.N       |
| DNB                              | DNB.OL      |
| Dolphin Energy                   | nocode198   |
| Domusvi                          | nocode231   |
| Du Pont De Nemours               | DD.N        |
| Dukhan Bank                      | nocode00099 |
| DZ Hyp AG                        | nocode0404  |
| EasyJet                          | EZJ.L       |
| Ec Finance Plc                   | nocode0587  |
| Edenred                          | EDEN.PA     |
| EDF                              | EDF.PA      |
| Edison SpA                       | EDN.MI      |
| Edreams Odigeo                   | EDRE.MC     |
| EFSF                             | nocode733   |
| Eiffage                          | FOUG.PA     |
| EIG PEARL HOLDINGS S.A.R.L       | nocode00148 |
| El Corte Ingles                  | nocode0359  |
| Eldorado Gold Corp               | ELD.TO      |
| Electricity Supply Board         | nocode387   |
| Elior Group                      | ELIOR.PA    |
| Elis                             | ELIS.PA     |
| Enbridge                         | ENB.TO      |
| Enbridge Energy Partners         | EEP.N       |
| EnBW                             | EBKG.DE     |
| Enel                             | ENEI.MI     |
| Enel Finance International SA    | nocode400   |
| Engie                            | ENGIE.PA    |
| Eni                              | ENI.MI      |
| Enstar Group LTD                 | ESGR.O      |
| ENTERPRISE PRODUCTS OPERATING LP | nocode842   |
| Enterprise Products Partners LP  | EPD.N       |
| Envision Healthcare Corporation  | EVHC.N      |
| EQT AB                           | EQTAB.ST    |

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|-----------------------------------------|-------------|
| Equitable Financial Life Global Funding | nocode00085 |
| Equitable Financial Life Insurance Co   | nocode00086 |
| Equitable Holdings Inc.                 | EQH.N       |
| Erste & Steiermarkische Bank DD         | nocode00094 |
| Erste Group                             | ERST.VI     |
| EssilorLuxottica                        | ESLX.PA     |
| Estée Lauder                            | EL.N        |
| Eurazeo                                 | EURA.PA     |
| Eureking                                | nocode00169 |
| Euroapi                                 | EAPI.PA     |
| European Stability Mechanism            | nocode457   |
| European Union                          | nocode735   |
| Evolution Mining Ltd                    | EVN.AX      |
| Evonik                                  | EVKn.DE     |
| Exclusive Networks                      | EXN.PA      |
| ExxonMobil                              | XOM.N       |
| Far East Horizon                        | 3360.HK     |
| Faurecia                                | EPED.PA     |
| Federal State of Berlin                 | nocode0146  |
| Ferrovial                               | FER.MC      |
| First Quantum Minerals LTD              | FM.TO       |
| FL Entertainment                        | nocode0212  |
| FLEMISH COMMUNITY                       | FLEMI_CFT   |
| FLEX INTERMEDIATE HOLDCO, LLC           | nocode00072 |
| FLORIDA POWER & LIGHT                   | FLPWO.PK    |
| FMG Resources (August 2006)             | nocode0672  |
| Foncière Lyonnaise                      | FLYP.PA     |
| Ford Motor Co                           | F.N         |
| Ford Motor Credit company               | nocode151   |
| Fortum                                  | FORTUM.HE   |
| Fresenius Medical Care AG & Co KGAA     | FMEG.DE     |
| Fresenius SE & Co. KGaA                 | FREG.DE     |
| FS KKR Capital                          | FSK.N       |
| Garanti Bank                            | GARAN.IS    |
| Gecina                                  | GFCP.PA     |
| General Motors                          | GM.N        |
| Getlink                                 | GETP.PA     |
| Ghelamco Invest N.V                     | nocode0362  |
| GLIL Infrastructure LLP                 | nocode6256  |
| Global Infrastructure Partners          | nocode0592  |
| GlobalConnect A/S                       | nocode852   |
| Golub Capital BDC Inc                   | GBDC.O      |
| Groupama                                | nocode9967  |
| Groupe Artemis                          | nocode88813 |
| Groupe Gascogne                         | ALBI.PA     |



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|-----------------------------------------------|-------------|
| Groupe Seb                                    | SEBF.PA     |
| Grupo Antolin                                 | ANTL_SG     |
| Gunvor Group                                  | RIC_Gunvor  |
| Halliburton                                   | HAL.N       |
| Hamburg Commercial Bank AG                    | nocode00131 |
| Hartford Financial                            | HIG.N       |
| Hellenic Republic of Greece                   | nocode0397  |
| Henkel                                        | HNKG_p.DE   |
| Hewlett Packard Enterprise Co                 | HPE.N       |
| Hewlett-Packard Company                       | HPQ.N       |
| Highland Holdings S.A.R.L.                    | nocode00134 |
| HILL INTERNATIONAL INC                        | HIL.N       |
| HOLDING LE DUFF HLD                           | nocode0668  |
| Honeywell International                       | HON.OQ      |
| Hong Kong Monetary Authority                  | nocode00136 |
| House of HR                                   | nocode0481  |
| HOWOGE WOHNUNGSBAUGESELLSCHAFT MBH            | nocode00129 |
| HSBC FRANCE                                   | HSBC_SG     |
| HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET A.S. | nocode00079 |
| HYUNDAI CAPITAL AMERICA                       | HYMLF.PK    |
| Hyundai Motor Co                              | 005380.KS   |
| I2PO                                          | nocode0764  |
| IAC/INTERACTIVECORP                           | IAC.O       |
| Ibercaja Banco                                | nocode370   |
| IBM                                           | IBM.N       |
| Icade Sante                                   | nocode0503  |
| ICBC London Branch                            | nocode0285  |
| Iccrea Banca S.p.A.                           | nocode00125 |
| Ile-de-France Mobilités                       | nocode0432  |
| Iliad                                         | ILD.PA      |
| Industrial & Commercial Bank of China         | 1398.HK     |
| ING BELGIUM                                   | Nocode0297  |
| ING Group                                     | INGA.AS     |
| ING-DiBa                                      | nocode0461  |
| Instituto de Credito Oficial                  | nocode750   |
| IntercontinentalExchange                      | ICE.N       |
| Intermediate Capital Group                    | ICP.L       |
| International Finance Corporation             | nocode763   |
| Iren SpA                                      | IREE.MI     |
| Isbank                                        | ISCTR.IS    |
| ISLAMIC DEVELOPMENT BANK                      | nocode416   |
| ITR CONCESSION COMPANY LLC                    | nocode275   |
| Jackson Financial Inc                         | JXN.N       |
| Jackson National Life Insurance Co.           | nocode0601  |
| Jaguar Land Rover                             | nocode0339  |



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|-----------------------------------------|--------------|
| JPMorgan Chase & Co.                    | JPM.N        |
| KB Securities                           | nocode00108  |
| KBC                                     | KBC.BR       |
| KEB HANA BANK                           | 004940.KS    |
| Kering                                  | PRTP.PA      |
| KFW                                     | nocode455    |
| KIA Corporation                         | 000270.KS    |
| KINGDOM OF SPAIN                        | nocode541    |
| KKR & Co. Inc                           | KKR.N        |
| KKR Group Finance Co. XII LLC           | nocode00170  |
| Klepierre                               | LOIM.PA      |
| KOMMUNEKREDIT                           | nocode999987 |
| Kookmin Bank                            | 060000.KS    |
| Korea Development Bank                  | nocode789    |
| KOREA HOUSING FINANCE CORPORATION       | KHFC_CFT     |
| Korea Water Resources                   | nocode0242   |
| Korian                                  | KORI.PA      |
| Kosmos Energy                           | KOS.N        |
| Kutxabank                               | nocode00123  |
| La Banque Postale                       | RIC_LBP      |
| Lactalis                                | nocode174    |
| LafargeHolcim                           | HOLN.PA      |
| Lagardère                               | LAGA.PA      |
| Land Niedersachsen                      | nocode00096  |
| LAND NRW                                | nocode0400   |
| Landwirtschaftliche Rentenbank          | nocode330    |
| Lansforsakringar Hypotek                | nocode2484   |
| Lanxess                                 | LXSG.DE      |
| Latécoère                               | LAEP.PA      |
| Lear Corp.                              | nocode457832 |
| Leaseplan Corporation NV                | nocode128    |
| LEG Immobilien AG                       | LEGn.DE      |
| Legrand                                 | LEGD.PA      |
| Linde plc                               | LIN.N        |
| L'Oréal                                 | OREP.PA      |
| Louis Dreyfus Company                   | LOUP.PA      |
| Loxam                                   | nocode9961   |
| Lucara Diamond Corp                     | LUC.TO       |
| Macquarie Group Limited                 | MQG.AX       |
| Mamoura Diversified Global Holding PJSC | nocode942    |
| ManpowerGroup Inc.                      | MAN.N        |
| Mars Incorporated                       | nocode0577   |
| MASHREQBANK PSC                         | MASB.DU      |
| Mastercard Inc                          | MA.N         |
| Match Group                             | MTCH.OQ      |



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|-------------------------------------------------------|-------------|
| MC Brazil Downstream Participacoes Sarl               | nocode00102 |
| McAfee Corp                                           | MCFE.OQ     |
| McDonald's                                            | MCD.N       |
| Mediobanca Spa                                        | MDBI.MI     |
| Medline Industries Inc.                               | nocode05414 |
| Mercialys                                             | MERY.PA     |
| Merck and Co Inc.                                     | MRK.N       |
| Mercuria Energy Trading S.A.                          | nocode00165 |
| Merlin Properties                                     | MRL.MC      |
| METALLOINVEST FINANCE DESIGNATED ACTIVITY COMPANY     | nocode00118 |
| MetLife Inc                                           | MET.N       |
| MILLENIUM HOTELS REAL ESTATE I SOCIMI                 | YMHRE.MC    |
| MINISTERE DE L'ECONOMIE ET DES FINANCES BENIN         | nocode0914  |
| Ministry of Finance of Albania                        | nocode0326  |
| Ministry of Finance of the People's Republic of China | nocode348   |
| Ministry of Finance of the Republic of Indonesia      | nocode0005  |
| Ministry of Public finance of Romania                 | nocode201   |
| MITSUBISHI CORPORATION                                | 8058.T      |
| Mitsubishi UFJ Financial Group                        | 8306.T      |
| Mizuho Financial Group                                | 8411.T      |
| Modulaire Group                                       | nocode00117 |
| Mondelez International                                | MDLZ.OQ     |
| Mondelez International Holdings Netherlands B.V.      | nocode00109 |
| Morgan Stanley                                        | MS.N        |
| Moto Hospitality Limited                              | nocode00128 |
| Mozart Debt Merger Sub Inc.                           | nocode05412 |
| Municipality Finance                                  | nocode 208  |
| NATIONAL AUSTRALIA BANK                               | NAB.AX      |
| National Bank of Canada                               | NA.TO       |
| National Grid                                         | NG.L        |
| NATIONAL GRID NORTH AMERICA                           | nocode88811 |
| Naturgy                                               | NTGY.MC     |
| Naturgy Finance BV                                    | nocode461   |
| NatWest Group Plc                                     | NWG.L       |
| Naval Group SA                                        | nocode421   |
| NCL Corp Ltd                                          | nocode0975  |
| NE Property Cooperatief U.A.                          | nocode0445  |
| Neoen                                                 | NEOEN.PA    |
| Nestlé SA                                             | NESN.S      |
| New Residential Investment Corp                       | NRZ.N       |
| New York Life Insurance                               | nocode924   |
| Nexity                                                | NEXI.PA     |
| NEXTDC                                                | NXT.AX      |
| Nextera Energy                                        | NEE.N       |
| NextEra Energy Capital Holdings, Inc.                 | nocode0513  |



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|-------------------------------------------------------|-------------|
| Nhoa                                                  | NHOA.PA     |
| NIBC N.V                                              | nocode78    |
| Nissan Motor Co                                       | 7201.T      |
| Nomura Holdings Inc                                   | 8604.T      |
| Nordea                                                | NDAFI.HE    |
| Northland Power Inc                                   | NPI.TO      |
| Norwegian Cruise Line Holdings Ltd                    | NCLH.N      |
| Novelis Corporation                                   | nocode5893  |
| Novo Banco                                            | nocode0270  |
| Novolipetsk Steel                                     | NLMKq.L     |
| Occidental Petroleum Corporation                      | OXY.N       |
| Oman Ministry of Finance                              | nocode0652  |
| Oman Oil Company                                      | nocode65229 |
| Omnicom Group Incorporated                            | OMC.N       |
| OneMain Finance Corporation                           | nocode0667  |
| Ontex                                                 | ONTEX.BR    |
| Oracle                                                | ORCL.N      |
| Orange                                                | ORAN.PA     |
| Orano                                                 | nocode401   |
| Orpea                                                 | ORP.PA      |
| Orsted A/S                                            | ORSTED.CO   |
| Otis Worldwide Corporation                            | OTIS.N      |
| OVHcloud                                              | OVH.PA      |
| Owl Rock Capital Corp                                 | ORCC.N      |
| Owl Rock Core Income Corp                             | nocode03111 |
| Owl Rock Technology Finance Corp                      | nocode00048 |
| Paccar Financial Corp                                 | nocode00023 |
| PACCAR Financial Europe BV                            | nocode00060 |
| PACCAR Inc                                            | PCAR.O      |
| Paprec                                                | nocode052   |
| Paramount Global                                      | PARA.OQ     |
| Partners Group                                        | PGHN.S      |
| PATTERN ENERGY GROUP                                  | PEGI.O      |
| PEGASUS ENTREPRENEURIAL ACQUISITION COMPANY EUROPE BV | nocode00177 |
| PepsiCo                                               | PEP.OQ      |
| Pernod Ricard                                         | PERP.PA     |
| Perrigo Company PLC                                   | PRGO.N      |
| Pfizer                                                | PFE.N       |
| Philips                                               | PHG.AS      |
| PJSC Sovcombank                                       | nocode0974  |
| PPF Telecom Group B.V                                 | nocode0426  |
| PPG Industries                                        | PPG.N       |
| Praxair Inc                                           | PX.N        |
| Pretium Resources Inc.                                | PVG.TO      |
| Province of British Columbia                          | nocode0505  |



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|------------------------------------------------|-------------|
| Prudential                                     | PRU.L       |
| Prudential Financial                           | PRU.N       |
| QNB FINANSBANK AS                              | nocode0423  |
| Radiate Holdco                                 | nocode0582  |
| Raiffeisen Bank International                  | RBIV.VI     |
| RATP (REGIE AUTONOME DES TRANSPORTS PARISIENS) | nocode344   |
| REALMECA                                       | nocode0625  |
| Reckitt Benckiser                              | RKT.L       |
| Relx PLC                                       | REL.L       |
| Renault                                        | RENA.PA     |
| Repsol                                         | REP.MC      |
| Republic of Austria                            | nocode972   |
| Republic of Cameroon                           | nocode00087 |
| Republic of Chile                              | nocode0472  |
| Republic of Indonesia                          | INDON_CFT   |
| Republic of Ireland                            | nocode0399  |
| Republic of Portugal                           | nocode978   |
| Resolute Mining Ltd                            | RSG.AX      |
| Rio Tinto                                      | RIO.L       |
| ROBERT BOSCH                                   | RBOS_SG     |
| Rolls-Royce                                    | RR.L        |
| Royal Bank of Canada                           | RY.TO       |
| Royal Caribbean Cruises Ltd                    | RCL.N       |
| Rubis                                          | RUBF.PA     |
| RWE                                            | RWEG.DE     |
| Sacyr                                          | SCYR.MC     |
| Safran                                         | SAF.PA      |
| Saint-Gobain                                   | SGOB.PA     |
| Saipem                                         | SPMI.MI     |
| Sandfire Resources Limited                     | SFR.AX      |
| Sandvik                                        | SAND.ST     |
| Sanofi                                         | SASY.PA     |
| Santander Consumer Finance                     | nocode0470  |
| Santander UK PLC                               | SANS_pa.L   |
| Saudi Arabian Oil Company                      | 2222.SR     |
| SAUR                                           | nocode0765  |
| Sazka                                          | nocode0232  |
| SBM Offshore                                   | SBMO.AS     |
| Schlumberger                                   | SLB.N       |
| SDG Finance Limited                            | nocode912   |
| Seadrill                                       | SDRL.OL     |
| Seaspan Corporation                            | nocode00097 |
| SEB                                            | SEBa.ST     |
| SES                                            | SESFd.PA    |
| SG SFH                                         | nocode855   |

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|-------------------------------------------------------------|-------------|
| Shandong Gold Group                                         | nocode00104 |
| Shenwan Hongyuan International Finance Limited              | nocode0813  |
| Shinhan Card                                                | nocode917   |
| Siemens                                                     | SIEGn.DE    |
| Siemens Energy                                              | ENR1n.DE    |
| Siemens Financieringmaatschappij                            | nocode0338  |
| Silversea Cruise Finance Ltd                                | nocode00083 |
| Simon International Finance                                 | nocode0943  |
| Simon Property Group                                        | SPG.N       |
| Smart meter Assets 1 Ltd                                    | nocode6254  |
| Snam                                                        | SRG.MI      |
| SNCF Mobilités                                              | nocode99665 |
| Société Générale                                            | SOGN.PA     |
| Societe Investissement Deconinck                            | nocode00039 |
| Sofina                                                      | SOF.BR      |
| Softbank Group                                              | 9984.T      |
| Sogecap                                                     | nocode857   |
| Solutions 30                                                | S30.PA      |
| SONATE BIDCO SA                                             | nocode00155 |
| Sovcom Capital DAC                                          | nocode0763  |
| SPCM SA                                                     | nocode216   |
| SPP-Distribúcia                                             | nocode063   |
| SRP Groupe                                                  | SRPG.PA     |
| ST ENGINEERING URBAN SOLUTIONS USA, INC                     | nocode00166 |
| Stadshypotek                                                | nocode81    |
| Standard Chartered                                          | STAN.L      |
| State Grid Europe Development (2014) Public Limited Company | nocode00149 |
| State Of Belgium                                            | STBEL_CFT   |
| STATE OF SENEGAL                                            | nocode821   |
| Statkraft AS                                                | STATK_SG    |
| Stellantis N.V.                                             | STLA.MI     |
| Suez                                                        | SEVI.PA     |
| Sumitomo Corporation                                        | 8053.T      |
| Sumitomo Mitsui Financial Group Inc                         | 8316.T      |
| Synchrony Financial                                         | SYF.N       |
| Synnex Systems Inc                                          | SNX.N       |
| T Mobile Netherlands                                        | nocode7828  |
| TAG Immobilien AG                                           | TEGG.DE     |
| Talanx                                                      | TLXGn.DE    |
| Tarkett                                                     | TKTT.PA     |
| Tate & Lyle plc                                             | TATE.L      |
| TDF                                                         | nocode361   |
| Technip Energies                                            | TE.PA       |
| TechnipFMC                                                  | FTI.N       |
| Teekay LNG Partners                                         | TGP.N       |



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|-------------------------------------------------------------------------------------------------|-------------|
| Telefonica Europe                                                                               | nocode0428  |
| Telefonica SA                                                                                   | TEF.MC      |
| Teleperformance                                                                                 | TEPRF.PA    |
| Terna                                                                                           | TRN.MI      |
| TESLA INC                                                                                       | TSLA.OQ     |
| THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC                                                 | nocode0527  |
| The Government of the Hong Kong Special Administrative Region of the People's Republic of China | nocode00140 |
| The Grand Duchy of Luxembourg                                                                   | nocode508   |
| The Republic of Finland                                                                         | nocode462   |
| The Timken Company                                                                              | TKR.N       |
| Tinkoff Bank                                                                                    | nocode0450  |
| T-Mobile US                                                                                     | TMUS.OQ     |
| Toronto-Dominion Bank                                                                           | TD.TO       |
| Toyota Finance Australia Limited                                                                | nocode0433  |
| Toyota Motor Credit Corporation                                                                 | nocode861   |
| TOYOTA MOTOR FINANCE NETHERLANDS BV                                                             | nocode0396  |
| Tui Travel                                                                                      | TT.L        |
| Turk Eximbank                                                                                   | nocode696   |
| UBS AG                                                                                          | UBSG.S      |
| UC Rusal Plc                                                                                    | 0486.HK     |
| UGI CORP                                                                                        | UGI.N       |
| UMANIS                                                                                          | ALUMS.PA    |
| Unedic                                                                                          | nocode744   |
| Unicaja                                                                                         | UNI.MC      |
| UniCredit Bank AG HVB                                                                           | nocode0456  |
| United Overseas Bank Ltd                                                                        | UOBH.SI     |
| United Parcel Service                                                                           | UPS.N       |
| Universal Music Group                                                                           | UMG.AS      |
| Vakifbank                                                                                       | VAKBN.IS    |
| Valeo                                                                                           | VLOF.PA     |
| Var Energi AS                                                                                   | nocode00002 |
| Vattenfall                                                                                      | VATT_SG     |
| Veolia Environnement                                                                            | VIE.PA      |
| Verallia                                                                                        | VRLA.PA     |
| Verizon                                                                                         | VZ.N        |
| Vestas Wind Systems Finance BV                                                                  | nocode00154 |
| ViacomCBS Inc                                                                                   | PARAA.OQ    |
| Vicat                                                                                           | VCTP.PA     |
| Videlio                                                                                         | VDLO.PA     |
| VILLE DE PARIS                                                                                  | nocode0101  |
| Vinci                                                                                           | SGEF.PA     |
| Virgin Media Investment Holdings                                                                | nocode509   |
| Viterra Finance B.V.                                                                            | nocode04691 |
| Viterra INC                                                                                     | nocode269   |

|                                 |             |
|---------------------------------|-------------|
| VITOL HOLDING BV                | nocode00139 |
| VITOL SA                        | nocode00138 |
| Vivendi                         | VIV.PA      |
| VMED O2 UK FINANCING I PLC      | nocode0581  |
| VMware Inc                      | VMW.N       |
| VodafoneZiggo                   | ZIGGO.AS    |
| Vonovia SE                      | VNAn.DE     |
| Vornado Realty                  | VNO.N       |
| VW Group of America Finance LLC | nocode00171 |
| VZ SECURED FINANCING BV         | nocode75421 |
| Wabtec                          | WAB.N       |
| Warner Media, LLC               | nocode00091 |
| Wells Fargo & Co.               | WFC.N       |
| Wendel                          | MWDP.PA     |
| Wesfarmers                      | WES.AX      |
| WOORI BANK                      | nocode078   |
| YapiKredi Bank                  | YKBNK.IS    |
| Ziggo BV                        | nocode652   |
| Ziraat Bankasi                  | nocode053   |
| ZURCHER KANTONALBANK            | nocode00153 |

***SG or its affiliates have received compensation for investment banking services in the past 12 months from: Please refer to the following (Pre05)***

|                                            |              |
|--------------------------------------------|--------------|
| A2A Spa                                    | A2.MI        |
| Aareal Bank                                | ARLG.DE      |
| Abbott Laboratories                        | ABT.N        |
| AbbVie                                     | ABBV.N       |
| ABN Amro                                   | ABNd.AS      |
| About You                                  | YOUG.DE      |
| Abu Dhabi National Oil Company             | nocode0632   |
| Acciona                                    | ANA.MC       |
| ACCIONA ENERGIA FINANCIACION FILIALES, S.A | nocode0648   |
| Accor                                      | ACCP.PA      |
| ACEF Holding SCA                           | nocode000112 |
| Action Logement Services                   | nocode00098  |
| Adecco                                     | ADEN.S       |
| AerCap Global Aviation Trust               | nocode0307   |
| AerCap Ireland Capital DAC                 | nocode0306   |
| Agence Francaise de Developpement          | nocode746    |
| Agence Francaise Locale                    | nocode397    |
| Agrifarma SpA                              | nocode00121  |
| AIG                                        | AIG.N        |
| Air France-KLM                             | AIRF.PA      |
| Air Lease Corporation                      | AL.N         |

|                                                 |             |
|-------------------------------------------------|-------------|
| ALD Automotive                                  | ALDA.PA     |
| Allianz SE                                      | ALVG.DE     |
| Allied Universal Finance Corp                   | Nocode123   |
| Alphabet                                        | GOOGL.OQ    |
| Alstom                                          | ALSO.PA     |
| Altarea Cogedim                                 | IMAF.PA     |
| Altice France                                   | nocode0322  |
| Altice International                            | nocode062   |
| ALUMINUM CORPORATION OF CHINA                   | nocode00066 |
| Amazon                                          | AMZN.OQ     |
| American Finance Trust Inc                      | AFIN.O      |
| American Honda Finance Corp                     | nocode104   |
| American Tower Corporation                      | AMT.N       |
| Anheuser-Busch InBev                            | ABI.BR      |
| Anheuser-Busch InBev Worldwide Inc              | nocode658   |
| Antares Holdings LP                             | nocode00105 |
| ANZ NEW ZEALAND (INT'L) LIMITED                 | nocode00112 |
| Apache Corp                                     | APA.OQ      |
| AptarGroup Inc                                  | ATR.N       |
| Aptiv PLC                                       | APTV.N      |
| Aramis Group                                    | ARAMI.PA    |
| Ares Capital Corporation                        | ARCC.O      |
| ASTM                                            | ATMI.MI     |
| AstraZeneca                                     | AZN.L       |
| AT&T Inc                                        | T.N         |
| Athene Global Funding                           | nocode0768  |
| ATHENE HOLDING LTD                              | ATH.N       |
| Atos                                            | ATOS.PA     |
| AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED | ANZ.AX      |
| Autogrill                                       | AGL.MI      |
| Automatic Data Processing                       | ADP.OQ      |
| Autoroutes Paris-Rhin-Rhone                     | APRR.PA     |
| Aviation Capital Group                          | nocode0575  |
| Axa                                             | AXAF.PA     |
| Axa Bank Europe SCF                             | nocode0550  |
| AXA HOME LOAN SFH                               | nocode0473  |
| Axian Telecom                                   | nocode00135 |
| Axis Bank                                       | AXBK.NS     |
| AXIS BANK GIFT CITY BRANCH                      | nocode0499  |
| Azure Power Energy                              | nocode88819 |
| Bain Capital Specialty Finance Inc              | nocode00124 |
| Baker Hughes a GE Company                       | BKR.OQ      |
| Banca Popolare di Sondrio                       | BPSI.MI     |
| Banco BPM                                       | BAMI.MI     |
| BANCO DE CREDITO SOCIAL COOPERATIVO             | nocode00103 |

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|----------------------------------------------------|-------------|
| Banco de Sabadell                                  | SABE.MC     |
| Banco Santander                                    | SAN.MC      |
| BANK GOSPODARSTWA KRAJOWEGO                        | nocode00173 |
| Bank of America                                    | BAC.N       |
| Bank of Montreal                                   | BMO.TO      |
| Bank of New York Mellon                            | BK.N        |
| Bank of New Zealand                                | nocode00183 |
| Bank of Nova Scotia                                | BNS.TO      |
| Banque Federative du Credit Mutuel (BFCM)          | nocode415   |
| Barclays                                           | BARC.L      |
| Barings BDC Inc.                                   | BBDC.N      |
| BASF SE                                            | BASFn.DE    |
| Bayerische Landesbank Girozentrale                 | BLGGgi.f    |
| BBVA                                               | BBVA.MC     |
| BCP V Modulair Services Finance PLC                | nocode00120 |
| BCP V Modular Services Finance II                  | nocode00119 |
| Believe                                            | BLV.PA      |
| Blackstone                                         | BX.N        |
| Blackstone Holdings Finance Co. L.L.C.             | nocode0103  |
| Blackstone Private Credit Fund                     | nocode0313  |
| Blackstone Secured Lending Fund                    | BXSL.N      |
| Blackstone/Gso Secured Lending Fund                | nocode0576  |
| Blue Owl Capital Inc                               | OWL.N       |
| BNG Bank NV                                        | nocode0002  |
| Boeing                                             | BA.N        |
| Boston Scientific Corp                             | BSX.N       |
| Bouygues                                           | BOUY.PA     |
| BP                                                 | BP.L        |
| BPI France                                         | nocode047   |
| Bristol Myers Squibb                               | BMY.N       |
| Brookfield BRP Holdings (Canada) Inc.              | BEPH.N      |
| Brookfield Finance Inc                             | nocode549   |
| Bunge Ltd                                          | BG.N        |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313   |
| Caisse Française de Financement Local              | nocode084   |
| Caixa Geral de Depositos                           | nocode64    |
| Caixabank                                          | CABK.MC     |
| CAJAMAR                                            | nocode802   |
| Camelot Return Merger Sub Inc                      | nocode00185 |
| Canadian Imperial Bank of Commerce                 | CM.TO       |
| Cargill Inc                                        | nocode346   |
| Carrefour                                          | CARR.PA     |
| Carrefour Banque                                   | nocode91    |
| Carrier Global Corporation                         | CARR.N      |
| Caterpillar Financial Services Corp                | nocode327   |



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|---------------------------------------|-------------|
| Caterpillar Inc                       | CAT.N       |
| CBOM Finance                          | nocode9970  |
| CDK Global Inc                        | CDK.O       |
| CegeReal                              | CGR.PA      |
| Cellnex                               | CLNX.MC     |
| Cellnex Finance Company SA            | nocode00095 |
| Central Merger Sub Inc.               | nocode00182 |
| Ceska Telekomunikacni Infrastruktura  | nocode146   |
| CGI                                   | GIBa.TO     |
| CHALCO                                | 2600.HK     |
| Cheniere Corpus Christi Holdings, LLC | nocode962   |
| Cheniere Energy Partners, L.P.        | CQP.A       |
| Chevron                               | CVX.N       |
| China Hongqiao Group Ltd              | 1378.HK     |
| Chinalco Capital Holdings Limited     | nocode00068 |
| Citigroup                             | C.N         |
| CNH Industrial                        | CNHI.N      |
| CNP Assurances                        | CNPP.PA     |
| Cofinimmo                             | COFB.BR     |
| Colonial                              | COL.MC      |
| Comcast Corporation                   | CMCSA.OQ    |
| COMMONWEALTH BANK                     | CBA.AX      |
| Compagnie des Alpes                   | CDAF.PA     |
| Comstock Resources                    | CRK.N       |
| Condor Merger Sub Inc.                | nocode6257  |
| Cornerstone Building Brands Inc       | CNR.N       |
| CPI Property Group                    | O5G.DE      |
| Credit Agricole Group                 | CRDA.FA     |
| Credit Agricole Italia S.P.A          | nocode009   |
| Credit Bank of Moscow                 | CBOM.MM     |
| Credit Logement                       | CRLOG.PA    |
| Credit Mutuel Home Loan SFH           | nocode365   |
| Credit Suisse                         | CSGN.S      |
| Credito Emiliano                      | EMBI.MI     |
| Crown Castle International            | CCI.N       |
| CTP BV                                | nocode00043 |
| Czech Gas Networks Investments        | nocode0540  |
| Daimler Truck AG                      | DTGGe.DE    |
| Daimler Truck Holding AG              | nocode00144 |
| Daimler Trucks Finance NA             | nocode00142 |
| DBS Bank Limited                      | nocode00130 |
| DE VOLKSBANK N.V.                     | nocode0406  |
| DEE TECH                              | nocode00093 |
| Dell Bank International               | nocode0510  |
| Dell Technologies Inc.                | DELL.N      |



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|-----------------------------------------|-------------|
| Derichebourg                            | DBG.PA      |
| Deutsche Bahn Finance GMBH              | nocode0533  |
| Deutsche Börse                          | DB1Gn.DE    |
| Deutsche Kreditbank AG                  | nocode00168 |
| Deutsche Lufthansa                      | LHAG.DE     |
| Dexia Credit Local                      | DCL_SG      |
| Discover Bank                           | nocode0500  |
| Disney                                  | DIS.N       |
| DNB                                     | DNB.OL      |
| Du Pont De Nemours                      | DD.N        |
| Dukhan Bank                             | nocode00099 |
| DZ Hyp AG                               | nocode0404  |
| EasyJet                                 | EZJ.L       |
| Ec Finance Plc                          | nocode0587  |
| Edenred                                 | EDEN.PA     |
| EDF                                     | EDF.PA      |
| Edreams Odigeo                          | EDRE.MC     |
| EFSF                                    | nocode733   |
| EIG PEARL HOLDINGS S.A.R.L              | nocode00148 |
| Eldorado Gold Corp                      | ELD.TO      |
| Electricity Supply Board                | nocode387   |
| Elior Group                             | ELIOR.PA    |
| Elis                                    | ELIS.PA     |
| Enbridge                                | ENB.TO      |
| Enbridge Energy Partners                | EEP.N       |
| Enel                                    | ENEI.MI     |
| Enel Finance International SA           | nocode400   |
| Engie                                   | ENGIE.PA    |
| Enstar Group LTD                        | ESGR.O      |
| ENTERPRISE PRODUCTS OPERATING LP        | nocode842   |
| Enterprise Products Partners LP         | EPD.N       |
| Equitable Financial Life Global Funding | nocode00085 |
| Equitable Financial Life Insurance Co   | nocode00086 |
| Equitable Holdings Inc.                 | EQH.N       |
| Erste & Steiermarkische Bank DD         | nocode00094 |
| Erste Group                             | ERST.VI     |
| Estée Lauder                            | EL.N        |
| Eureking                                | nocode00169 |
| European Stability Mechanism            | nocode457   |
| European Union                          | nocode735   |
| Evonik                                  | EVKn.DE     |
| ExxonMobil                              | XOM.N       |
| Far East Horizon                        | 3360.HK     |
| Faurecia                                | EPED.PA     |
| Federal State of Berlin                 | nocode0146  |



|                                               |             |
|-----------------------------------------------|-------------|
| FL Entertainment                              | nocode0212  |
| FLEMISH COMMUNITY                             | FLEMI_CFT   |
| FLEX INTERMEDIATE HOLDCO, LLC                 | nocode00072 |
| FLORIDA POWER & LIGHT                         | FLPWO.PK    |
| FMG Resources (August 2006)                   | nocode0672  |
| Foncière Lyonnaise                            | FLYP.PA     |
| Ford Motor Co                                 | F.N         |
| Ford Motor Credit company                     | nocode151   |
| Fresenius SE & Co. KGaA                       | FREG.DE     |
| FS KKR Capital                                | FSK.N       |
| Gecina                                        | GFCP.PA     |
| General Motors                                | GM.N        |
| Getlink                                       | GETP.PA     |
| Ghelamco Invest N.V                           | nocode0362  |
| Golub Capital BDC Inc                         | GBDC.O      |
| Groupama                                      | nocode9967  |
| Groupe Artemis                                | nocode88813 |
| Grupo Antolin                                 | ANTL_SG     |
| Gunvor Group                                  | RIC_Gunvor  |
| Halliburton                                   | HAL.N       |
| Hamburg Commercial Bank AG                    | nocode00131 |
| Hartford Financial                            | HIG.N       |
| Hellenic Republic of Greece                   | nocode0397  |
| Henkel                                        | HNKG_p.DE   |
| Hewlett Packard Enterprise Co                 | HPE.N       |
| Hewlett-Packard Company                       | HPQ.N       |
| Highland Holdings S.A.R.L.                    | nocode00134 |
| Honeywell International                       | HON.OQ      |
| Hong Kong Monetary Authority                  | nocode00136 |
| HOWOGE WOHNUNGSBAUGESELLSCHAFT MBH            | nocode00129 |
| HSBC FRANCE                                   | HSBC_SG     |
| HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET A.S. | nocode00079 |
| HYUNDAI CAPITAL AMERICA                       | HYMLF.PK    |
| Hyundai Motor Co                              | 005380.KS   |
| Ibercaja Banco                                | nocode370   |
| IBM                                           | IBM.N       |
| ICBC London Branch                            | nocode0285  |
| Iccrea Banca S.p.A.                           | nocode00125 |
| Ile-de-France Mobilités                       | nocode0432  |
| Iliad                                         | ILD.PA      |
| Industrial & Commercial Bank of China         | 1398.HK     |
| ING BELGIUM                                   | Nocode0297  |
| ING Group                                     | INGA.AS     |
| ING-DiBa                                      | nocode0461  |
| Instituto de Credito Oficial                  | nocode750   |

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|-----------------------------------------|--------------|
| IntercontinentalExchange                | ICE.N        |
| Intermediate Capital Group              | ICP.L        |
| ISLAMIC DEVELOPMENT BANK                | nocode416    |
| Jackson Financial Inc                   | JXN.N        |
| Jackson National Life Insurance Co.     | nocode0601   |
| Jaguar Land Rover                       | nocode0339   |
| JPMorgan Chase & Co.                    | JPM.N        |
| KB Securities                           | nocode00108  |
| KBC                                     | KBC.BR       |
| KEB HANA BANK                           | 004940.KS    |
| Kering                                  | PRTP.PA      |
| KFW                                     | nocode455    |
| KIA Corporation                         | 000270.KS    |
| KINGDOM OF SPAIN                        | nocode541    |
| KKR & Co. Inc                           | KKR.N        |
| KKR Group Finance Co. XII LLC           | nocode00170  |
| KOMMUNEKREDIT                           | nocode999987 |
| Kookmin Bank                            | 060000.KS    |
| Korea Development Bank                  | nocode789    |
| KOREA HOUSING FINANCE CORPORATION       | KHFC_CFT     |
| Korea Water Resources                   | nocode0242   |
| Korian                                  | KORI.PA      |
| Kosmos Energy                           | KOS.N        |
| Kutxabank                               | nocode00123  |
| La Banque Postale                       | RIC_LBP      |
| Lagardère                               | LAGA.PA      |
| Land Niedersachsen                      | nocode00096  |
| LAND NRW                                | nocode0400   |
| Landwirtschaftliche Rentenbank          | nocode330    |
| Lansforsakringar Hypotek                | nocode2484   |
| Lanxess                                 | LXSG.DE      |
| Latécoère                               | LAEP.PA      |
| Lear Corp.                              | nocode457832 |
| Leaseplan Corporation NV                | nocode128    |
| LEG Immobilien AG                       | LEGn.DE      |
| Legrand                                 | LEGD.PA      |
| Linde plc                               | LIN.N        |
| L'Oréal                                 | OREP.PA      |
| Loxam                                   | nocode9961   |
| Macquarie Group Limited                 | MQG.AX       |
| Mamoura Diversified Global Holding PJSC | nocode942    |
| ManpowerGroup Inc.                      | MAN.N        |
| Mars Incorporated                       | nocode0577   |
| MASHREQBANK PSC                         | MASB.DU      |
| Mastercard Inc                          | MA.N         |



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|-------------------------------------------------------|-------------|
| Match Group                                           | MTCH.OQ     |
| MC Brazil Downstream Participacoes Sarl               | nocode00102 |
| McAfee Corp                                           | MCFE.OQ     |
| McDonald's                                            | MCD.N       |
| Mediobanca Spa                                        | MDBI.MI     |
| Medline Industries Inc.                               | nocode05414 |
| Mercialys                                             | MERY.PA     |
| Merck and Co Inc.                                     | MRK.N       |
| Merlin Properties                                     | MRL.MC      |
| MetLife Inc                                           | MET.N       |
| MILLENIUM HOTELS REAL ESTATE I SOCIMI                 | YMHRE.MC    |
| MINISTERE DE L'ECONOMIE ET DES FINANCES BENIN         | nocode0914  |
| Ministry of Finance of Albania                        | nocode0326  |
| Ministry of Finance of the People's Republic of China | nocode348   |
| Ministry of Finance of the Republic of Indonesia      | nocode0005  |
| Ministry of Public finance of Romania                 | nocode201   |
| Mitsubishi UFJ Financial Group                        | 8306.T      |
| Mizuho Financial Group                                | 8411.T      |
| Modulaire Group                                       | nocode00117 |
| Mondelez International                                | MDLZ.OQ     |
| Mondelez International Holdings Netherlands B.V.      | nocode00109 |
| Morgan Stanley                                        | MS.N        |
| Mozart Debt Merger Sub Inc.                           | nocode05412 |
| Municipality Finance                                  | nocode 208  |
| National Bank of Canada                               | NA.TO       |
| National Grid                                         | NG.L        |
| NATIONAL GRID NORTH AMERICA                           | nocode88811 |
| NatWest Group Plc                                     | NWG.L       |
| NCL Corp Ltd                                          | nocode0975  |
| NE Property Cooperatief U.A.                          | nocode0445  |
| Nestlé SA                                             | NESN.S      |
| New York Life Insurance                               | nocode924   |
| Nexity                                                | NEXI.PA     |
| Nextera Energy                                        | NEE.N       |
| NextEra Energy Capital Holdings, Inc.                 | nocode0513  |
| Nhoa                                                  | NHOA.PA     |
| NIBC N.V                                              | nocode78    |
| Nissan Motor Co                                       | 7201.T      |
| Nomura Holdings Inc                                   | 8604.T      |
| Nordea                                                | NDAFI.HE    |
| Norwegian Cruise Line Holdings Ltd                    | NCLH.N      |
| Novelis Corporation                                   | nocode5893  |
| Occidental Petroleum Corporation                      | OXY.N       |
| Omnicom Group Incorporated                            | OMC.N       |
| OneMain Finance Corporation                           | nocode0667  |

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|-------------------------------------------------------|-------------|
| Ontex                                                 | ONTEX.BR    |
| Oracle                                                | ORCL.N      |
| Orange                                                | ORAN.PA     |
| Otis Worldwide Corporation                            | OTIS.N      |
| OVHcloud                                              | OVH.PA      |
| Owl Rock Capital Corp                                 | ORCC.N      |
| Owl Rock Core Income Corp                             | nocode03111 |
| Owl Rock Technology Finance Corp                      | nocode00048 |
| Paccar Financial Corp                                 | nocode00023 |
| PACCAR Financial Europe BV                            | nocode00060 |
| PACCAR Inc                                            | PCAR.O      |
| Paramount Global                                      | PARA.OQ     |
| PEGASUS ENTREPRENEURIAL ACQUISITION COMPANY EUROPE BV | nocode00177 |
| PepsiCo                                               | PEP.OQ      |
| Pernod Ricard                                         | PERP.PA     |
| Pfizer                                                | PFE.N       |
| Philips                                               | PHG.AS      |
| PPG Industries                                        | PPG.N       |
| Praxair Inc                                           | PX.N        |
| Province of British Columbia                          | nocode0505  |
| Prudential Financial                                  | PRU.N       |
| Raiffeisen Bank International                         | RBIV.VI     |
| RATP (REGIE AUTONOME DES TRANSPORTS PARISIENS)        | nocode344   |
| Repsol                                                | REP.MC      |
| Republic of Austria                                   | nocode972   |
| Republic of Cameroon                                  | nocode00087 |
| Republic of Chile                                     | nocode0472  |
| Republic of Indonesia                                 | INDON_CFT   |
| Republic of Ireland                                   | nocode0399  |
| Republic of Portugal                                  | nocode978   |
| Royal Bank of Canada                                  | RY.TO       |
| Royal Caribbean Cruises Ltd                           | RCL.N       |
| RWE                                                   | RWEG.DE     |
| Saipem                                                | SPMI.MI     |
| Sandvik                                               | SAND.ST     |
| Santander Consumer Finance                            | nocode0470  |
| Santander UK PLC                                      | SANS_pa.L   |
| Saudi Arabian Oil Company                             | 2222.SR     |
| SAUR                                                  | nocode0765  |
| Sazka                                                 | nocode0232  |
| Schlumberger                                          | SLB.N       |
| SDG Finance Limited                                   | nocode912   |
| Seaspan Corporation                                   | nocode00097 |
| SEB                                                   | SEBa.ST     |
| SES                                                   | SESFd.PA    |

|                                                                                                 |             |
|-------------------------------------------------------------------------------------------------|-------------|
| SG SFH                                                                                          | nocode855   |
| Shandong Gold Group                                                                             | nocode00104 |
| Shenwan Hongyuan International Finance Limited                                                  | nocode0813  |
| Shinhan Card                                                                                    | nocode917   |
| Siemens                                                                                         | SIEGn.DE    |
| Siemens Financieringmaatschappij                                                                | nocode0338  |
| Silversea Cruise Finance Ltd                                                                    | nocode00083 |
| Simon International Finance                                                                     | nocode0943  |
| Simon Property Group                                                                            | SPG.N       |
| Snam                                                                                            | SRG.MI      |
| Société Générale                                                                                | SOGN.PA     |
| Sofina                                                                                          | SOF.BR      |
| Softbank Group                                                                                  | 9984.T      |
| SONATE BIDCO SA                                                                                 | nocode00155 |
| Sovcom Capital DAC                                                                              | nocode0763  |
| SPCM SA                                                                                         | nocode216   |
| SPP-Distribúcia                                                                                 | nocode063   |
| ST ENGINEERING URBAN SOLUTIONS USA, INC                                                         | nocode00166 |
| Stadshypotek                                                                                    | nocode81    |
| Standard Chartered                                                                              | STAN.L      |
| State Grid Europe Development (2014) Public Limited Company                                     | nocode00149 |
| State Of Belgium                                                                                | STBEL_CFT   |
| STATE OF SENEGAL                                                                                | nocode821   |
| Sumitomo Corporation                                                                            | 8053.T      |
| Sumitomo Mitsui Financial Group Inc                                                             | 8316.T      |
| Synchrony Financial                                                                             | SYF.N       |
| Synnex Systems Inc                                                                              | SNX.N       |
| T Mobile Netherlands                                                                            | nocode7828  |
| TAG Immobilien AG                                                                               | TEGG.DE     |
| TDF                                                                                             | nocode361   |
| Technip Energies                                                                                | TE.PA       |
| TechnipFMC                                                                                      | FTI.N       |
| Teleperformance                                                                                 | TEPRF.PA    |
| Terna                                                                                           | TRN.MI      |
| THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC                                                 | nocode0527  |
| The Government of the Hong Kong Special Administrative Region of the People's Republic of China | nocode00140 |
| The Grand Duchy of Luxembourg                                                                   | nocode508   |
| The Republic of Finland                                                                         | nocode462   |
| The Timken Company                                                                              | TKR.N       |
| Tinkoff Bank                                                                                    | nocode0450  |
| T-Mobile US                                                                                     | TMUS.OQ     |
| Toronto-Dominion Bank                                                                           | TD.TO       |
| Toyota Finance Australia Limited                                                                | nocode0433  |
| Toyota Motor Credit Corporation                                                                 | nocode861   |

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|---------------------------------|-------------|
| Tui Travel                      | TT.L        |
| Turk Eximbank                   | nocode696   |
| UBS AG                          | UBSG.S      |
| UGI CORP                        | UGI.N       |
| Unedic                          | nocode744   |
| Unicaja                         | UNI.MC      |
| UniCredit Bank AG HVB           | nocode0456  |
| United Overseas Bank Ltd        | UOBH.SI     |
| United Parcel Service           | UPS.N       |
| Universal Music Group           | UMG.AS      |
| Vakifbank                       | VAKBN.IS    |
| Valeo                           | VLOF.PA     |
| Var Energi AS                   | nocode00002 |
| Verallia                        | VRLA.PA     |
| Verizon                         | VZ.N        |
| Vestas Wind Systems Finance BV  | nocode00154 |
| ViacomCBS Inc                   | PARAA.OQ    |
| VILLE DE PARIS                  | nocode0101  |
| Vinci                           | SGEF.PA     |
| Viterra Finance B.V.            | nocode04691 |
| Viterra INC                     | nocode269   |
| VMED O2 UK FINANCING I PLC      | nocode0581  |
| VMware Inc                      | VMW.N       |
| VodafoneZiggo                   | ZIGGO.AS    |
| Vonovia SE                      | VNAn.DE     |
| Vornado Realty                  | VNO.N       |
| VW Group of America Finance LLC | nocode00171 |
| VZ SECURED FINANCING BV         | nocode75421 |
| Wabtec                          | WAB.N       |
| Wells Fargo & Co.               | WFC.N       |
| Wendel                          | MWDP.PA     |
| Wesfarmers                      | WES.AX      |
| WOORI BANK                      | nocode078   |
| ZURCHER KANTONALBANK            | nocode00153 |

***As per European Regulation, SG discloses that stable holdings owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of :  
Please refer to the following (Pre013)***

|                              |            |
|------------------------------|------------|
| ALD Automotive               | ALDA.PA    |
| Altarea Cogedim              | IMAF.PA    |
| BRD                          | ROBRD.BX   |
| BURSA DE VALORI BUCURESTI SA | caveat1025 |
| Carmila                      | CARM.PA    |
| Covivio Hotels               | COVH.PA    |



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|----------------------------------------------|-----------|
| EQDOM                                        | EQDM.CS   |
| Frey Sa                                      | FREY.PA   |
| Komerčni Banka                               | BKOM.PR   |
| Rosbank                                      | ROSB.MM   |
| Selectirente S.A                             | SELER.PA  |
| Société Générale                             | SOGN.PA   |
| Société Générale de Banques en cote d'Ivoire | nocode856 |
| Societe Generale Ghana                       | nocode863 |
| Union International de Banques               | UIB.CS    |

***As per European Regulation, SG discloses that trading net long positions owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of :  
Please refer to the following (Pre014)***

***per European Regulation, SG discloses that trading net short positions owned by the Group Société Générale exceed the threshold of 0,5% of the total issued share capital of:  
Please refer to the following (Pre15)***

***SG and/or its affiliates act as market maker or liquidity provider in the debt securities of undefined.***

***Please refer to the following (Pre16) .***

|                           |              |
|---------------------------|--------------|
| 2I RETE GAS               | nocode371    |
| A2A Spa                   | A2.MI        |
| Aareal Bank               | ARLG.DE      |
| Abbey National plc        | ABBY.L       |
| AbbVie                    | ABBV.N       |
| Aberdeen Asset Management | ADN.L        |
| Abertis                   | ABE.MC       |
| ABN Amro                  | ABNd.AS      |
| Accor                     | ACCP.PA      |
| ACEF Holding SCA          | nocode000112 |
| Actelion                  | ATLN.S       |
| Adecco                    | ADEN.S       |
| Adevinta                  | ADEA.OL      |
| Adif Alta Velocidad       | nocode026    |
| Adler Real Estate AG      | ADLG.DE      |
| ADO Properties            | ADJ.DE       |
| AEROPORTI DI ROMA SPA     | nocode00074  |
| AG Insurance              | nocode0430   |
| AG2R La Mondiale          | nocode0149   |
| Ageas                     | AGES.BR      |
| AIG                       | AIG.N        |
| Air France-KLM            | AIRF.PA      |
| Air Lease Corporation     | AL.N         |
| Air Liquide               | AIRP.PA      |



**SOCIETE GENERALE**  
Corporate & Investment Banking

|                                          |             |
|------------------------------------------|-------------|
| Air Products                             | APD.N       |
| Airbus Group                             | AIR.PA      |
| AK Steel                                 | AKS.N       |
| Akka Technologies                        | AKA.PA      |
| Albioma                                  | ABIO.PA     |
| ALD Automotive                           | ALDA.PA     |
| Alliance & Leicester                     | ALLL.L      |
| Allianz SE                               | ALVG.DE     |
| Allied Irish Banks                       | AIBG.I      |
| Alphabet                                 | GOOGL.OQ    |
| Altadis                                  | ALT.MC      |
| Altedia                                  | TLA.PA      |
| Altice Europe NV                         | ATCA.AS     |
| Altice Finco SA                          | nocode673   |
| Altice France                            | nocode0322  |
| Altran Technologies                      | ALTT.PA     |
| Altria                                   | MO.N        |
| AMCO Asset Management Company S.p.A.     | nocode543   |
| America Movil SAB de CV                  | AMXL.MX     |
| American General Finance                 | AGF_SG      |
| American Honda Finance Corp              | nocode104   |
| American Tower Corporation               | AMT.N       |
| American Water Works                     | AWK.N       |
| AMS AG                                   | nocode612   |
| Amundi                                   | AMUN.PA     |
| Anadarko Petroleum Corp                  | APC.N       |
| Anheuser-Busch InBev                     | ABI.BR      |
| Anheuser-Busch InBev Worldwide Inc       | nocode658   |
| Arkema                                   | AKE.PA      |
| Aroundtown S.A.                          | AT1.DE      |
| ASR Nederland                            | nocode00031 |
| Assic Generali spa                       | GASI.MI     |
| ATF Netherlands B.V.                     | nocode0588  |
| Auchan                                   | AUCH_SG     |
| Autogrill                                | AGL.MI      |
| Autopistas Metropolitanas de Puerto Rico | nocode702   |
| Autoroutes Paris-Rhin-Rhone              | APRR.PA     |
| Autostrade Per L'Italia SPA              | nocode754   |
| Avis Europe                              | AVE.L       |
| Aviva                                    | AV.L        |
| Axa                                      | AXAF.PA     |
| AXA BANK Belgium                         | nocode9986  |
| Axa Banque France                        | nocode671   |
| AXA HOME LOAN SFH                        | nocode0473  |
| Balder                                   | nocode0558  |



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|-------------------------------------------|-------------|
| Banca Nazionale del Lavoro                | BANI.MI     |
| Banca Popolare di Milano                  | PMII.MI     |
| Banca Popolare di Sondrio                 | BPSI.MI     |
| Banca Popolare di Verona                  | nocode58    |
| Banco Comercial Portugues                 | BCP.LS      |
| Banco de Credito Local de Espana          | nocode110   |
| BANCO DE CREDITO SOCIAL COOPERATIVO       | nocode00103 |
| Banco de Sabadell                         | SABE.MC     |
| Banco di Desio e della Brianza            | DESI.MI     |
| Banco Pastor                              | PAS.MC      |
| Banco Popular                             | POP.MC      |
| Banco Santander                           | SAN.MC      |
| Banco Santander Totta                     | nocode9973  |
| Bank Deutsches Kraftfahrzeuggewerbe (BDK) | nocode369   |
| Bank Gospodarki Krajowej                  | nocode118   |
| Bank of America                           | BAC.N       |
| Bank of China Ltd                         | 601988.SS   |
| Bank of Ireland                           | BIRG.I      |
| Bank of Montreal                          | BMO.TO      |
| Bankinter                                 | BKT.MC      |
| Banque Accord                             | nocode105   |
| Banque Federative du Credit Mutuel (BFCM) | nocode415   |
| Barclays                                  | BARC.L      |
| BAWAG P.S.K.                              | nocode0310  |
| BBVA                                      | BBVA.MC     |
| Bertelsmann                               | BTGGg.F     |
| BMW                                       | BMWG.DE     |
| BMW Australia Limited                     | nocode159   |
| BNP Paribas                               | BNPP.PA     |
| BNP PARIBAS CARDIF                        | nocode872   |
| Boiron                                    | BOIR.PA     |
| Boursorama                                | FMTX.PA     |
| Bouygues                                  | BOUY.PA     |
| BP                                        | BP.L        |
| BP Capital Markets BV                     | nocode0954  |
| BP Capital Markets PLC                    | nocode9912  |
| BP Exploration Operating Company Limited  | noode1      |
| BPCE                                      | BPCE.FR     |
| BPER Banca                                | EMII.MI     |
| BPVN                                      | BPVN.MI     |
| BRD                                       | ROBRD.BX    |
| Bristol Myers Squibb                      | BMY.N       |
| Broadcom Inc                              | AVGO.OQ     |
| BT Group                                  | BT.L        |
| Budimex                                   | BDMXY.PK    |

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|----------------------------------------------------|-------------|
| Bulgari                                            | BULG.MI     |
| Bureau Veritas                                     | BVI.PA      |
| BUT                                                | nocode88816 |
| CADES (Caisse d'amortissement de la dette sociale) | nocode313   |
| CAFC Taurus Company Limited                        | nocode00114 |
| CAISSE DES DEPOTS ET CONSIGNATIONS                 | nocode00036 |
| CAJAMAR                                            | nocode802   |
| Cajas Rurales Unidas                               | nocode145   |
| CALC Bonds Limited                                 | nocode00115 |
| Campbell Soup                                      | CPB.N       |
| Capgemini                                          | CAPP.PA     |
| Cardety                                            | CARD.PA     |
| Cargill Inc                                        | nocode346   |
| Carmila                                            | CARM.PA     |
| Carnival Corporation & Plc                         | CCL.L       |
| Carrefour                                          | CARR.PA     |
| Carrefour Banque                                   | nocode91    |
| Carrefour Property                                 | CARPD.PA    |
| Caterpillar Financial Services Corp                | nocode327   |
| Caterpillar Inc                                    | CAT.N       |
| Cattolica Assicurazione                            | CASS.MI     |
| CDC                                                | nocode747   |
| Ceetrus SA                                         | nocode317   |
| Cellnex                                            | CLNX.MC     |
| Cellnex Finance Company SA                         | nocode00095 |
| CenturyLink                                        | CTL.N       |
| CESKE DRAHY                                        | nocode176   |
| CEZ                                                | CEZP.PR     |
| Cheung Kong Infrastructure Holdings LTD            | 1038.HK     |
| China Aircraft Leasing Group Holdings Limited      | 1848.HK     |
| China Construction Bank Corp                       | 0939.HK     |
| China Construction Bank Europe                     | nocode9993  |
| China Construction Bank Luxembourg Branch          | nocode643   |
| China Everbright International                     | 0257.HK     |
| China Railway Construction Corporation             | 601186.SS   |
| China State Shipbuilding Corporation               | nocode027   |
| CHINA THREE GORGES CORPORATION (CTG)               | nocode263   |
| Christian Dior                                     | DIOR.PA     |
| CIMB Bank Berhad's                                 | nocode0501  |
| Cintra                                             | CCIT.MC     |
| Citigroup                                          | C.N         |
| Club Med                                           | CMIP.PA     |
| CNOOC                                              | 883.HK      |
| CNOOC Finance (2013) Limited                       | nocode0504  |
| CNP Assurances                                     | CNPP.PA     |

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|-------------------------------------------|-------------|
| Coca-Cola Europacific Partners            | CCEPC.AS    |
| Coca-Cola Hellenic                        | CCH.L       |
| CODEIS SECURITIES                         | nocode037   |
| Cofidis                                   | RIC_COF     |
| Comcast Corporation                       | CMCSA.OQ    |
| Comdirect Bank                            | CDBG.DE     |
| Commerzbank                               | CBKG.DE     |
| Compagnie de Financement Foncier          | nocode53    |
| Compagnie Financiere du Credit Mutuel     | nocode75    |
| Compania General de Electricidad          | CGE.CI      |
| Constellium                               | CSTM.N      |
| Corio                                     | COR.AS      |
| CORUS GROUP                               | CS.L        |
| COSMOTE                                   | COSr.AT     |
| Cox Communications                        | COX.N       |
| CRCC HEAN LIMITED                         | nocode0643  |
| Credit Agricole Assurances                | nocode631   |
| Credit Agricole Group                     | CRDA.FA     |
| Crédit Agricole SA                        | CAGR.PA     |
| Credit Agricole SFH                       | nocode003   |
| CREDIT DU NORD                            | nocode00019 |
| Crédit du nord                            | nocode350   |
| Credit Mutuel Home Loan SFH               | nocode365   |
| Credit Mutuel Nord Europe                 | nocode0823  |
| Credit Suisse                             | CSGN.S      |
| Credito Emiliano                          | EMBI.MI     |
| CRH AMERICA INC                           | CRH.I       |
| CRH PLC                                   | CRH.L       |
| CRITERIA CAIXAHOLDING                     | nocode070   |
| Crown European Holdings SA                | nocode1516  |
| CSC Holdings LLC                          | nocode764   |
| CSSC (Hong Kong) Shipping Company Limited | 3877.HK     |
| Daimler Chrysler Japan Holding LTD        | nocode97    |
| Daimler Finance North America LLC         | nocode54    |
| Dalkia International                      | nocode035   |
| Danone                                    | DANO.PA     |
| DE VOLKSBANK N.V.                         | nocode0406  |
| Dell                                      | DELL.O      |
| Delta Lloyd Group                         | DLL.AS      |
| Deutsche Bahn                             | DBB_SG      |
| Deutsche Bank AG                          | DBKGn.DE    |
| Deutsche Post AG                          | DPWGn.DE    |
| Deutsche Postbank                         | DPBGn.DE    |
| Development Bank Of Singapore (DBS)       | DBSM.SI     |
| Diageo                                    | DGE.L       |

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|-----------------------------------|-------------|
| Direct Energie SA                 | DIREN.PA    |
| Discovery Communications          | DISCA.O     |
| Disney                            | DIS.N       |
| DNB                               | DNB.OL      |
| Dominion                          | DOMI.MC     |
| Dominion Energy Gas Holdings, LLC | nocode363   |
| Dresser-Rand Group, Inc.          | DRC.N       |
| Duke Energy Corp                  | DUK.N       |
| Durr AG                           | DUEG.DE     |
| EASTERN POWER NETWORKS PLC        | nocode0524  |
| Edenred                           | EDEN.PA     |
| EDF                               | EDF.PA      |
| EDF Energies Nouvelles            | EEN.PA      |
| EDP Finance BV                    | nocode0314  |
| EDP Renovaveis SA                 | EDPR.LS     |
| EG Global Finance PLC             | nocode12487 |
| Eiffage                           | FOUG.PA     |
| Eircom Finance DAC                | nocode654   |
| ELECTRICITE DE STRASBOURG         | EDSP.PA     |
| Electricity Supply Board          | nocode387   |
| ELECTRONICS FOR IMAGING, INC      | EFII.O      |
| Eli Lilly                         | LLY.N       |
| Elia                              | ELI.BR      |
| Elis                              | ELIS.PA     |
| EMC Corp                          | EMC.N       |
| Enagas                            | ENAG.MC     |
| EnBW                              | EBKG.DE     |
| Energias de Portugal              | EDP.LS      |
| Enexis                            | nocode843   |
| Engie                             | ENGIE.PA    |
| Eon                               | EONGn.DE    |
| Equinor                           | EQNR.OL     |
| EQUINOX GOLD CORP                 | EQX.V       |
| Erste & Steiermarkische Bank DD   | nocode00094 |
| Erste Group                       | ERST.VI     |
| Essent                            | ESSE_SG     |
| EssilorLuxottica                  | ESLX.PA     |
| Euro Bank                         | nocode683   |
| Euroapi                           | EAPI.PA     |
| Eurofins Scientific               | EUFI.PA     |
| Eurohypo                          | EHYG.F      |
| EuroHypo AG                       | RHYG.F      |
| Evonik                            | EVKn.DE     |
| Expedia INC                       | EXPE.O      |
| ExxonMobil                        | XOM.N       |

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|---------------------------------------------|-------------|
| F&C Asset Management                        | FCAM.L      |
| Far East Horizon                            | 3360.HK     |
| Faurecia                                    | EPED.PA     |
| Federal State of Berlin                     | nocode0146  |
| Ferrovial                                   | FER.MC      |
| FinecoBank                                  | nocode00030 |
| FirstEnergy                                 | FE.N        |
| Fiserv                                      | FISV.OQ     |
| Foncière Lyonnaise                          | FLYP.PA     |
| Fondo de Amortizacion del Deficit Electrico | nocode751   |
| Ford Credit Europe Bank                     | nocode897   |
| Ford Motor Credit company                   | nocode151   |
| Fortis Bank Nederland (Holding) N.V.        | nocode126   |
| Fortum                                      | FORTUM.HE   |
| Franfinance                                 | nocode803   |
| Fresenius SE & Co. KGaA                     | FREG.DE     |
| Friends Life                                | FLG.L       |
| Fromageries Bel                             | FROB.PA     |
| Garanti Bank                                | GARAN.IS    |
| Gaztransport & Technigaz                    | GTT.PA      |
| GEELY AUTOMOBILE HOLDINGS LT                | 0175.HK     |
| General Mills, Inc.                         | GIS.N       |
| General Motors                              | GM.N        |
| GENERAL MOTORS FINANCIAL                    | nocode9976  |
| Gestamp                                     | GEST.MC     |
| Getlink                                     | GETP.PA     |
| Gilead Sciences                             | GILD.OQ     |
| Glencore                                    | GLEN.L      |
| Golden Star Resources Ltd                   | GSC.TO      |
| Goldman Sachs                               | GS.N        |
| Goldstory SAS                               | nocode0600  |
| Goodman Group                               | GMG.AX      |
| Goodyear Europe B.V.                        | GT.OQ       |
| Grand City Properties S.A.                  | GYC.DE      |
| Grifols                                     | GRLS.MC     |
| Groupe Artemis                              | nocode88813 |
| Groupe Seb                                  | SEBF.PA     |
| Grupo Nutresa SA                            | NCH.CN      |
| Gualua Closures                             | nocode00017 |
| Hagemeyer                                   | HAGN.AS     |
| HALCYON AGRI CORPORATION LTD                | HALC.SI     |
| Hana Bank                                   | nocode791   |
| Hannover RE                                 | HNRGn.DE    |
| HBOS                                        | HBOS.L      |
| Heineken                                    | HEIN.AS     |



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|----------------------------------------------------------------|--------------|
| HERA                                                           | HRA.MI       |
| Hindustan Unilever Ltd.                                        | HLL.NS       |
| Holcim                                                         | HOLN.S       |
| Holcim_Duplicate                                               | LHN.P        |
| Holding d'Infrastructure de Transport (HIT)                    | nocode90     |
| Honda                                                          | 7267.T       |
| HOWOGE WOHNUNGSBAUGESELLSCHAFT MBH                             | nocode00129  |
| HSBC FRANCE                                                    | HSBC_SG      |
| Huarong Real Estate                                            | nocode777765 |
| HUARONG REAL ESTATE CO LTD                                     | nocode0203   |
| Huntington Bankshares                                          | HBAN.O       |
| Hypotheckenbank in Essen                                       | nocode74     |
| HYUNDAI CAPITAL AMERICA                                        | HYMLF.PK     |
| HYUNDAI Capital Services INC                                   | nocode9998   |
| Hyundai Motor Co                                               | 005380.KS    |
| Iberdrola                                                      | IBE.MC       |
| Iberdrola Renovables                                           | IBR.MC       |
| IBM                                                            | IBM.N        |
| Icade                                                          | ICAD.PA      |
| Icade EMGP                                                     | oldICAD.PA   |
| Icade Sante                                                    | nocode0503   |
| Iccrea Banca S.p.A.                                            | nocode00125  |
| IGO Limited                                                    | IGO.AX       |
| Iliad                                                          | ILD.PA       |
| Iliad Holding                                                  | nocode00152  |
| Imerys                                                         | IMTP.PA      |
| Imola Merger Corporation                                       | nocode0611   |
| Imperial Brands                                                | IMB.L        |
| INDIGO GROUP                                                   | nocode0245   |
| Industrial & Commercial Bank of China                          | 1398.HK      |
| Infineon Technologies                                          | IFXGn.DE     |
| ING Bank NV                                                    | INGs.AS      |
| ING Bank Slaski S.A.                                           | INGP.WA      |
| ING-DiBa                                                       | nocode0461   |
| Instituto de Credito Oficial                                   | nocode750    |
| Intesa Sanpaolo                                                | ISP.MI       |
| INTESA SANPAOLO Vita                                           | nocode782    |
| Isbank                                                         | ISCTR.IS     |
| Italgas                                                        | IG.MI        |
| JAB Holding BV                                                 | nocode545    |
| JCDecaux                                                       | JCDX.PA      |
| JINMAO HOTEL AND JINMAO CHINA HOTEL INVESTMENTS AND MANAGEMENT | 6139.HK      |
| JPMorgan Chase & Co.                                           | JPM.N        |
| JSW                                                            | JSW.WA       |



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|---------------------------|-------------|
| JSW HYDRO ENERGY LIMITED  | nocode0614  |
| Julius Baer Group         | BAER.S      |
| KB Securities             | nocode00108 |
| KBC                       | KBC.BR      |
| KEB HANA BANK             | 004940.KS   |
| Kering                    | P RTP.PA    |
| Keyspan Gas East Corp     | nocode341   |
| KINGDOM OF SPAIN          | nocode541   |
| Klepierre                 | LOIM.PA     |
| Kobe Steel                | 5406.T      |
| Komerčni Banka            | BKOM.PR     |
| Kookmin Bank              | 060000.KS   |
| Korea Development Bank    | nocode789   |
| KOREA GAS CORPORATION     | 36460.KS    |
| Korea Water Resources     | nocode0242  |
| La Banque Postale         | RIC_LBP     |
| La Poste                  | LAPST       |
| Lacroix SA                | LACP.PA     |
| Ladbroke's                | LCL.L       |
| Lafarge                   | LA FP.PA    |
| LafargeHolcim             | HOLN.PA     |
| Lagardère                 | LAGA.PA     |
| Lanxess                   | LXSG.DE     |
| LB Baden Württemberg      | LBB_SG      |
| Leaseplan Finance NV      | nocode129   |
| LG Display Co Ltd         | 034220.KS   |
| Liberty Global            | LB TYA.OQ   |
| Linde AG                  | LING.DE     |
| Linde plc                 | LIN.N       |
| Lloyds Banking Group      | LLOY.L      |
| London Power Networks     | nocode99915 |
| L'Oréal                   | OREP.PA     |
| Louis Dreyfus Company     | LOUP.PA     |
| Loxam                     | nocode9961  |
| LVMH                      | LVMH.PA     |
| Macquarie Group Limited   | MQG.AX      |
| MAN                       | MANG.DE     |
| Mapfre                    | MAP.MC      |
| MASSACHUSETTS ELECTRIC CO | MSSEL.PK    |
| Mattel                    | MAT.OQ      |
| Maxeda DIY                | nocode0554  |
| MBANK HIPOTECZNY          | nocode998   |
| Mbank S.A.                | MBK.WA      |
| McDonald's                | MCD.N       |
| McKesson Europe AG        | MCK.N       |

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|-------------------------------------------------------|-------------|
| Mediobanca Spa                                        | MDBI.MI     |
| Mercedes-Benz Group AG                                | MBGn.DE     |
| Merck and Co Inc.                                     | MRK.N       |
| Merck Financial Services                              | nocode0476  |
| Merck KGaA                                            | MRCG.DE     |
| MetLife Inc                                           | MET.N       |
| Michelin                                              | MICP.PA     |
| Ministry of Finance of the People's Republic of China | nocode348   |
| Mizuho Financial Group                                | 8411.T      |
| Mobiasbanca                                           | nocode859   |
| Mondelez International                                | MDLZ.OQ     |
| Mondelez International Holdings Netherlands B.V.      | nocode00109 |
| Nara Cable Funding Limited                            | nocode362   |
| NARRAGANSETT ELECTRIC COMPANY                         | nocode261   |
| NATIONAL AUSTRALIA BANK                               | NAB.AX      |
| National Grid                                         | NG.L        |
| Nationwide Building Society                           | POB_p.L     |
| Naturgy                                               | NTGY.MC     |
| Naturgy Finance BV                                    | nocode461   |
| NatWest Group Plc                                     | NWG.L       |
| Nestle India Ltd.                                     | NEST.NS     |
| New England Power                                     | nocode0123  |
| Nexen Inc                                             | NXY.TO      |
| NIAGARA MOHAWK POWER                                  | NMK_pb.N    |
| NIBC N.V                                              | nocode78    |
| NIPPON SHOKUBAI CO LTD                                | 4114.T      |
| Nokia                                                 | NOKIA.HE    |
| Nokia Siemens Networks                                | nocode011   |
| Nordea                                                | NDAFI.HE    |
| Nordea Bank Finland PLC                               | nocode854   |
| Northrop Grumman                                      | NOC.N       |
| Novartis AG                                           | NOVN.S      |
| Novartis Capital Corp                                 | nocode0544  |
| Novartis Finance SA                                   | nocode0237  |
| Novo Nordisk                                          | NOVOb.CO    |
| Novozymes A/S                                         | NZYMb.CO    |
| NTT DATA CORP                                         | 9613.T      |
| Numericable-SFR                                       | NUME.PA     |
| Nuova Banca dell'Etruria e del Lazio                  | nocode453   |
| O2                                                    | OOM.L       |
| Occidental Petroleum Corporation                      | OXY.N       |
| OCI                                                   | OCI.AS      |
| OI EUROPEAN GROUP B.V.                                | nocode1515  |
| OMANTEL                                               | nocode9696  |
| OMV Petrom SA                                         | ROSNP.BX    |



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|-------------------------------------------------------|-------------|
| OneMain Finance Corporation                           | nocode0667  |
| ONO                                                   | ONO_SG      |
| Onvista                                               | ONVG.F      |
| OP CORPORATE BANK PLC                                 | nocode00018 |
| OP Mortgage Bank                                      | nocode276   |
| Orange                                                | ORAN.PA     |
| Orange Polska                                         | OPL.WA      |
| Orano                                                 | nocode401   |
| Orpea                                                 | ORP.PA      |
| Orsted A/S                                            | ORSTED.CO   |
| Paprec                                                | nocode052   |
| PAREF                                                 | PARF.PA     |
| PEGASUS ENTREPRENEURIAL ACQUISITION COMPANY EUROPE BV | nocode00177 |
| PepsiCo                                               | PEP.OQ      |
| Pernod Ricard                                         | PERP.PA     |
| Pfizer                                                | PFE.N       |
| Philip Morris CR                                      | TABK.PR     |
| Philip Morris International                           | PM.N        |
| Porsche SE                                            | PSHG_p.DE   |
| POSTAL SAVINGS BANK OF CHINA CO LTD                   | 1658.HK     |
| PPG Industries                                        | PPG.N       |
| Praxair Inc                                           | PX.N        |
| Procter & Gamble                                      | PG.N        |
| Progress Energy                                       | PGN.N       |
| Province of British Columbia                          | nocode0505  |
| Proximus                                              | PROX.BR     |
| Prudential                                            | PRU.L       |
| Prudential Financial                                  | PRU.N       |
| PSA Banque France                                     | nocode0437  |
| PTT PCL                                               | PTT.BK      |
| PTTEP Treasury Center Company Limited                 | nocode659   |
| Raiffeisen Bank International                         | RBIV.VI     |
| Reckitt Benckiser                                     | RKT.L       |
| Refinitiv US Holdings Inc.                            | nocode0344  |
| Renault                                               | RENA.PA     |
| Repsol                                                | REP.MC      |
| Repsol International Finance BV                       | nocode0559  |
| Republic of Italy                                     | nocode0394  |
| Richemont                                             | CFR.S       |
| Rolls-Royce                                           | RR.L        |
| Rosbank                                               | ROSB.MM     |
| Royal Bank of Canada                                  | RY.TO       |
| Royal Dutch shell PLC                                 | RDSa.L      |
| ROYAL LESTARI UTAMA                                   | nocode2611  |
| RTE                                                   | RTE_SG      |

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|----------------------------------------------|-------------|
| RTL Group                                    | RRTL.DE     |
| Rubis                                        | RUBF.PA     |
| RWE                                          | RWEG.DE     |
| SABMiller                                    | SAB.L       |
| Saft                                         | S1A.PA      |
| Saint-Gobain                                 | SGOB.PA     |
| Salvepar                                     | SALV.PA     |
| Samhallsbyggnadsbolaget I Norden AB (SBB)    | SBBb.ST     |
| SANDEN CORP                                  | 6444.T      |
| Sanef                                        | SNF.PA      |
| Sanofi                                       | SASY.PA     |
| Santander Bank Polska SA                     | SPL1.WA     |
| Santander Consumer Bank AS                   | nocode0230  |
| Santander UK Group Holdings plc              | nocode00111 |
| Santander UK PLC                             | SANS_pa.L   |
| SAP                                          | SAPG.DE     |
| Scania AB                                    | SCVb.ST     |
| Schlumberger                                 | SLB.N       |
| SCHLUMBERGER FINANCE BV                      | nocode542   |
| Sears                                        | SHLD.O      |
| Securitas AB                                 | SECUb.ST    |
| Sempra Energy                                | SRE.N       |
| SEMYRHAMIS                                   | nocode99553 |
| Serono                                       | SEO.VX      |
| SES                                          | SESFd.PA    |
| SFR                                          | SFR_SG      |
| SG SFH                                       | nocode855   |
| Shell Plc                                    | SHEL.L      |
| Shiba Bidco SpA                              | nocode00122 |
| Shinhan Card                                 | nocode917   |
| Sia SpA                                      | nocode0585  |
| Sicomed                                      | ROSCD.BX    |
| Siemens                                      | SIEGn.DE    |
| Sinochem                                     | 600500.SS   |
| Sinopec                                      | 0386.HK     |
| SINOPEC SHANGHAI PETROCHEMICAL               | 0338.HK     |
| Sky                                          | SKYB.L      |
| Snam                                         | SRG.MI      |
| SNS BANK NV                                  | nocode119   |
| Société Générale                             | SOGN.PA     |
| Societe Generale Bank Montenegro             | nocode573   |
| Société Générale de Banques en cote d'Ivoire | nocode856   |
| Societe Generale Ghana                       | nocode863   |
| Society of Lloyd's                           | nocode99660 |
| Sodexo                                       | EXHO.PA     |

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| Sogecap                                                     | nocode857   |
| Sogelease                                                   | nocode860   |
| SOLFEA                                                      | nocode030   |
| Solvay SA                                                   | SOLB.BR     |
| South32                                                     | S32.L       |
| Southern California Gas                                     | SOCGM.PK    |
| Sparebank 1 SMN                                             | MING.OL     |
| Sparebank 1 SR                                              | SRBANK.OL   |
| Sperian Protection                                          | SPEP.PA     |
| Springleaf Finance                                          | nocode99666 |
| Sprint                                                      | S.N         |
| SR-Boligkreditt SA                                          | nocode778   |
| SSE                                                         | SSE.L       |
| Stadshypotek                                                | nocode81    |
| Standard Life Aberdeen Plc                                  | ABDN.L      |
| State Grid Europe Development (2014) Public Limited Company | nocode00149 |
| Statkraft AS                                                | STATK_SG    |
| Sunpower                                                    | SPWR.OQ     |
| Svenska Handelsbanken                                       | SHBa.ST     |
| Swedbank                                                    | SWEDa.ST    |
| T Mobile Netherlands                                        | nocode7828  |
| Tata Chemicals Limited                                      | TTCH.NS     |
| Tata Consultancy Services                                   | TCS.NS      |
| Tata Motors Ltd                                             | TAMO.NS     |
| TDF                                                         | nocode361   |
| Telecom Italia                                              | TLIT.MI     |
| Telecom Italia Rsp                                          | TLITn.MI    |
| Telefónica Deutschland Holding AG                           | O2Dn.DE     |
| Telefonica Europe                                           | nocode0428  |
| Telefonica UK (O2 UK)                                       | nocode724   |
| Telekom Austria                                             | TELA.VI     |
| Telenet                                                     | TNET.BR     |
| Telia Company AB                                            | TELIA.ST    |
| Telxius                                                     | nocode570   |
| Tencent Holdings LTD                                        | 0700.HK     |
| Tenet Healthcare                                            | THC.N       |
| Tennet                                                      | nocode022   |
| Tereos                                                      | nocode007   |
| Terna                                                       | TRN.MI      |
| TF1                                                         | TFFP.PA     |
| Thales                                                      | TCFP.PA     |
| The Coca-Cola Company                                       | KO.N        |
| The Dow Chemical                                            | DOW.N       |
| THOM Europe SAS                                             | nocode073   |
| Thyssenkrupp                                                | TKAG.DE     |

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| Tikehau Capital                     | TKOO.PA     |
| T-Mobile US                         | TMUS.OQ     |
| Toronto-Dominion Bank               | TD.TO       |
| Total Gabon                         | EGAB.PA     |
| Toyota Bank AO                      | nocode02465 |
| Toyota Finance Australia Limited    | nocode0433  |
| Toyota Motor Credit Corporation     | nocode861   |
| Transcanada Pipelines Ltd           | nocode769   |
| TRANSWORLD SYSTEMS INC              | nocode0442  |
| Traton SE                           | 8TRA.DE     |
| Turk Eximbank                       | nocode696   |
| Turk Telekomunikasyon AS            | TTKOM.IS    |
| TURKIYE SINAI KALKINMA BANKASI      | TSKB.IS     |
| UBI Banca                           | UBI.MI      |
| UBS AG                              | UBSG.S      |
| UCB SA                              | UCB.BR      |
| Unedic                              | nocode744   |
| Unicredit Bank Austria AG           | nocode337   |
| UniCredit SpA                       | CRDI.MI     |
| Unilever NV                         | ULVR.AS     |
| Unilever PLC                        | ULVR.L      |
| Union Fenosa Group                  | nocode99662 |
| Union International de Banques      | UIB.CS      |
| Uniq                                | UNIQ.VI     |
| United Overseas Bank Ltd            | UOBH.SI     |
| United Parcel Service               | UPS.N       |
| Unitymedia                          | nocode99661 |
| Upjohn                              | nocode0567  |
| Upjohn Finance                      | nocode0568  |
| Valeo                               | VLOF.PA     |
| Veneto Banca                        | nocode274   |
| Verbund                             | VERB.VI     |
| Verizon                             | VZ.N        |
| Vestas Wind Systems                 | VWS.CO      |
| Vestas Wind Systems Finance BV      | nocode00154 |
| Vienna Insurance Group              | VIGR.VI     |
| Viesgo                              | nocode444   |
| Vinci                               | SGEF.PA     |
| Virgin Media                        | VMED.L      |
| Virgin Media Finance Plc            | nocode662   |
| VMED O2 UK FINANCING I PLC          | nocode0581  |
| Vodafone                            | VOD.L       |
| Volkswagen                          | VOWG_p.DE   |
| Volkswagen International Finance NV | nocode0546  |
| Volvo Car AB                        | nocode267   |



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|----------------------------------------------|-------------|
| Vonovia Finance BV                           | nocode645   |
| Vonovia SE                                   | VNAn.DE     |
| Votorantim Group                             | nocode170   |
| Wesfarmers                                   | WES.AX      |
| Western Gas Partners LP                      | WES.N       |
| Western Midstream Operating LP               | nocode957   |
| WeWork Inc                                   | WE.N        |
| Wolters Kluwer                               | WLSNc.AS    |
| WOORI BANK                                   | nocode078   |
| WUERTTEMBERGISCHE LEBEN                      | nocode00012 |
| Xerox                                        | XRX.N       |
| Yamaha Motor Co Ltd                          | 7272.T      |
| YapiKredi Bank                               | YKBNK.IS    |
| ZEC KOGENERACJA                              | KGN.WA      |
| Zhejiang Geely Holding Group Company Limited | nocode827   |
| Ziggo BV                                     | nocode652   |
| Ziraat Bankasi                               | nocode053   |
| ZURCHER KANTONALBANK                         | nocode00153 |
| Zurich Insurance Group                       | ZURN.S      |

## HISTORICAL DATA

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| <a href="#">20/04/2020</a>  | <a href="#">19/03/2020</a> | <a href="#">17/02/2020</a> | <a href="#">20/01/2020</a> | <a href="#">16/12/2019</a> |
| <a href="#">16/04/2020</a>  | <a href="#">16/03/2020</a> | <a href="#">13/02/2020</a> | <a href="#">16/01/2020</a> | <a href="#">12/12/2019</a> |
| <a href="#">14/04/2020</a>  | <a href="#">12/03/2020</a> | <a href="#">10/02/2020</a> | <a href="#">13/01/2020</a> | <a href="#">04/12/2019</a> |
| <a href="#">09/04/2020</a>  | <a href="#">09/03/2020</a> | <a href="#">06/02/2020</a> | <a href="#">09/01/2020</a> | <a href="#">02/12/2019</a> |
| <a href="#">06/04/2020</a>  | <a href="#">05/03/2020</a> | <a href="#">03/02/2020</a> | <a href="#">06/01/2020</a> |                            |
| <a href="#">02/04/2020</a>  | <a href="#">02/03/2020</a> |                            | <a href="#">02/01/2020</a> |                            |
| <a href="#">28/11/2019</a>  | <a href="#">31/10/2019</a> | <a href="#">30/09/2019</a> | <a href="#">29/08/2019</a> | <a href="#">29/07/2019</a> |
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| <a href="#">18/11/2019</a>  | <a href="#">17/10/2019</a> | <a href="#">16/09/2019</a> | <a href="#">19/08/2019</a> | <a href="#">18/07/2019</a> |
| <a href="#">14/11/2019</a>  | <a href="#">14/10/2019</a> | <a href="#">12/09/2019</a> | <a href="#">16/08/2019</a> | <a href="#">15/07/2019</a> |
| <a href="#">12/11/2019</a>  | <a href="#">10/10/2019</a> | <a href="#">09/09/2019</a> | <a href="#">12/08/2019</a> | <a href="#">11/07/2019</a> |
| <a href="#">07/11/2019</a>  | <a href="#">07/10/2019</a> | <a href="#">05/09/2019</a> | <a href="#">05/08/2019</a> | <a href="#">08/07/2019</a> |
| <a href="#">04/11/2019</a>  | <a href="#">04/10/2019</a> | <a href="#">02/09/2019</a> | <a href="#">01/08/2019</a> | <a href="#">04/07/2019</a> |
|                             |                            |                            |                            | <a href="#">01/07/2019</a> |
| <a href="#">28/06/2019</a>  | <a href="#">30/05/2019</a> | <a href="#">29/04/2019</a> | <a href="#">28/03/2019</a> | <a href="#">28/02/2019</a> |
| <a href="#">24/06/2019</a>  | <a href="#">27/05/2019</a> | <a href="#">25/04/2019</a> | <a href="#">26/03/2019</a> | <a href="#">25/02/2019</a> |
| <a href="#">20/06/2019</a>  | <a href="#">23/05/2019</a> | <a href="#">23/04/2019</a> | <a href="#">21/03/2019</a> | <a href="#">21/02/2019</a> |
| <a href="#">17/06/2019</a>  | <a href="#">20/05/2019</a> | <a href="#">18/04/2019</a> | <a href="#">18/03/2019</a> | <a href="#">18/02/2019</a> |
| <a href="#">13/06/2019</a>  | <a href="#">16/05/2019</a> | <a href="#">15/04/2019</a> | <a href="#">14/03/2019</a> | <a href="#">14/02/2019</a> |
| <a href="#">10/06/2019</a>  | <a href="#">09/05/2019</a> | <a href="#">11/04/2019</a> | <a href="#">11/03/2019</a> | <a href="#">11/02/2019</a> |
| <a href="#">06/06/2019</a>  | <a href="#">06/05/2019</a> | <a href="#">09/04/2019</a> | <a href="#">07/03/2019</a> | <a href="#">07/02/2019</a> |
| <a href="#">03/06/2019</a>  | <a href="#">02/05/2019</a> | <a href="#">08/04/2019</a> | <a href="#">04/03/2019</a> | <a href="#">04/02/2019</a> |
|                             |                            | <a href="#">04/04/2019</a> |                            |                            |
|                             |                            | <a href="#">01/04/2019</a> |                            |                            |
| <a href="#">31/01/2019</a>  | <a href="#">31/12/2018</a> | <a href="#">26/11/2018</a> |                            |                            |
| <a href="#">28/01/2019</a>  | <a href="#">27/12/2018</a> | <a href="#">22/11/2018</a> |                            |                            |
| <a href="#">24/01/2019</a>  | <a href="#">24/12/2018</a> | <a href="#">19/11/2018</a> |                            |                            |
| <a href="#">21/01/2019</a>  | <a href="#">20/12/2018</a> | <a href="#">15/11/2018</a> |                            |                            |
| <a href="#">17/01/2019</a>  | <a href="#">17/12/2018</a> | <a href="#">12/11/2018</a> |                            |                            |
| <a href="#">1/4/01/2019</a> | <a href="#">13/12/2018</a> | <a href="#">08/11/2018</a> |                            |                            |
| <a href="#">10/01/2019</a>  | <a href="#">10/12/2018</a> | <a href="#">05/11/2018</a> |                            |                            |
| <a href="#">07/01/2019</a>  | <a href="#">06/12/2018</a> | <a href="#">01/11/2018</a> |                            |                            |
| <a href="#">03/01/2019</a>  | <a href="#">03/12/2018</a> |                            |                            |                            |
|                             | <a href="#">29/11/2018</a> |                            |                            |                            |
| <a href="#">29/10/2018</a>  | <a href="#">27/09/2018</a> | <a href="#">27/08/2018</a> | <a href="#">30/07/2018</a> | <a href="#">28/06/2018</a> |
| <a href="#">25/10/2018</a>  | <a href="#">24/09/2018</a> | <a href="#">23/08/2018</a> | <a href="#">26/07/2018</a> | <a href="#">25/06/2018</a> |
| <a href="#">22/10/2018</a>  | <a href="#">20/09/2018</a> | <a href="#">20/08/2018</a> | <a href="#">23/07/2018</a> | <a href="#">21/06/2018</a> |
| <a href="#">18/10/2018</a>  | <a href="#">17/09/2018</a> | <a href="#">16/08/2018</a> | <a href="#">19/07/2018</a> | <a href="#">18/06/2018</a> |
| <a href="#">15/10/2018</a>  | <a href="#">13/09/2018</a> | <a href="#">13/08/2018</a> | <a href="#">16/07/2018</a> | <a href="#">14/06/2018</a> |
| <a href="#">11/10/2018</a>  | <a href="#">10/09/2018</a> | <a href="#">08/08/2018</a> | <a href="#">12/07/2018</a> | <a href="#">11/06/2018</a> |



|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">08/10/2018</a><br><a href="#">01/10/2018</a>                                                                                                                                                                                                                   | <a href="#">06/09/2018</a><br><a href="#">03/09/2018</a>                                                                                                                                                                                                                   | <a href="#">06/08/2018</a><br><a href="#">02/08/2018</a>                                                                                                                                                                                                                   | <a href="#">09/07/2018</a><br><a href="#">06/07/2018</a><br><a href="#">02/07/2018</a>                                                                                                                                                                                     | <a href="#">07/06/2018</a><br><a href="#">04/06/2018</a>                                                                                                                                                                                                                   |
| <a href="#">31/05/2018</a><br><a href="#">28/05/2018</a><br><a href="#">24/05/2018</a><br><a href="#">22/05/2018</a><br><a href="#">17/05/2018</a><br><a href="#">14/05/2018</a><br><a href="#">10/05/2018</a><br><a href="#">07/05/2018</a><br><a href="#">03/05/2018</a> | <a href="#">30/04/2018</a><br><a href="#">26/04/2018</a><br><a href="#">23/04/2018</a><br><a href="#">19/04/2018</a><br><a href="#">16/04/2018</a><br><a href="#">12/04/2018</a><br><a href="#">09/04/2018</a><br><a href="#">05/04/2018</a><br><a href="#">03/04/2018</a> | <a href="#">29/03/2018</a><br><a href="#">26/03/2018</a><br><a href="#">22/03/2018</a><br><a href="#">19/03/2018</a><br><a href="#">15/03/2018</a><br><a href="#">12/03/2018</a><br><a href="#">08/03/2018</a><br><a href="#">05/03/2018</a><br><a href="#">01/03/2018</a> | <a href="#">26/02/2018</a><br><a href="#">22/02/2018</a><br><a href="#">19/02/2018</a><br><a href="#">12/02/2018</a><br><a href="#">08/02/2018</a><br><a href="#">05/02/2018</a><br><a href="#">01/02/2018</a>                                                             | <a href="#">29/01/2018</a><br><a href="#">25/01/2018</a><br><a href="#">22/01/2018</a><br><a href="#">18/01/2018</a><br><a href="#">15/01/2018</a><br><a href="#">11/01/2018</a><br><a href="#">08/01/2018</a><br><a href="#">04/01/2018</a><br><a href="#">02/01/2018</a> |
| <a href="#">28/12/2017</a><br><a href="#">26/12/2017</a><br><a href="#">21/12/2017</a><br><a href="#">18/12/2017</a><br><a href="#">11/12/2017</a><br><a href="#">07/12/2017</a><br><a href="#">04/12/2017</a><br><a href="#">01/12/2017</a>                               | <a href="#">27/10/2017</a><br><a href="#">23/11/2017</a><br><a href="#">20/11/2017</a><br><a href="#">13/11/2017</a><br><a href="#">09/11/2017</a><br><a href="#">06/11/2017</a><br><a href="#">03/11/2017</a>                                                             | <a href="#">30/10/2017</a><br><a href="#">26/10/2017</a><br><a href="#">23/10/2017</a><br><a href="#">19/10/2017</a><br><a href="#">17/10/2017</a><br><a href="#">12/10/2017</a><br><a href="#">09/10/2017</a><br><a href="#">05/10/2017</a><br><a href="#">02/10/2017</a> |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |
| <a href="#">28/09/2017</a><br><a href="#">25/09/2017</a><br><a href="#">21/09/2017</a><br><a href="#">18/09/2017</a><br><a href="#">14/09/2017</a><br><a href="#">11/09/2017</a><br><a href="#">09/09/2017</a><br><a href="#">04/09/2017</a>                               | <a href="#">31/08/2017</a><br><a href="#">24/08/2017</a><br><a href="#">21/08/2017</a><br><a href="#">10/08/2017</a><br><a href="#">07/08/2017</a><br><a href="#">03/08/2017</a>                                                                                           | <a href="#">31/07/2017</a><br><a href="#">27/07/2017</a><br><a href="#">24/07/2017</a><br><a href="#">20/07/2017</a><br><a href="#">17/07/2017</a><br><a href="#">13/07/2017</a><br><a href="#">10/07/2017</a><br><a href="#">06/07/2017</a><br><a href="#">03/07/2017</a> | <a href="#">29/06/2017</a><br><a href="#">26/06/2017</a><br><a href="#">22/06/2017</a><br><a href="#">19/06/2017</a><br><a href="#">15/06/2017</a><br><a href="#">12/06/2017</a><br><a href="#">08/06/2017</a><br><a href="#">05/06/2017</a><br><a href="#">01/06/2017</a> | <a href="#">29/05/2017</a><br><a href="#">25/05/2017</a><br><a href="#">22/05/2017</a><br><a href="#">18/05/2017</a><br><a href="#">15/05/2017</a>                                                                                                                         |

#### Previous detailed historic

##### Equity Market Maker (Pre02) Historical

|                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">11/05/2017</a><br><a href="#">09/05/2017</a><br><a href="#">04/05/2017</a><br><a href="#">02/05/2017</a><br><a href="#">27/04/2017</a><br><a href="#">24/04/2017</a><br><a href="#">20/04/2017</a><br><a href="#">18/04/2017</a><br><a href="#">13/04/2017</a><br><a href="#">10/04/2017</a><br><a href="#">03/04/2017</a><br><a href="#">30/03/2017</a> | <a href="#">27/03/2017</a><br><a href="#">23/03/2017</a><br><a href="#">20/03/2017</a><br><a href="#">16/03/2017</a><br><a href="#">13/03/2017</a><br><a href="#">09/03/2017</a><br><a href="#">06/03/2017</a><br><a href="#">02/03/2017</a><br><a href="#">27/02/2017</a><br><a href="#">23/02/2017</a><br><a href="#">20/02/2017</a> | <a href="#">16/02/2017</a><br><a href="#">13/02/2017</a><br><a href="#">09/02/2017</a><br><a href="#">06/02/2017</a><br><a href="#">02/02/2017</a><br><a href="#">30/01/2017</a><br><a href="#">26/01/2017</a><br><a href="#">23/01/2017</a><br><a href="#">19/01/2016</a><br><a href="#">16/01/2017</a><br><a href="#">12/01/2017</a> | <a href="#">09/01/2017</a><br><a href="#">05/01/2017</a><br><a href="#">02/01/2017</a><br><a href="#">29/12/2016</a><br><a href="#">27/12/2016</a><br><a href="#">22/12/2016</a><br><a href="#">19/12/2016</a><br><a href="#">15/12/2016</a><br><a href="#">12/12/2016</a><br><a href="#">08/12/2016</a><br><a href="#">05/12/2016</a> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

##### 12 Month IB Revenue Disclosure (Pre04) Historical

|                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">11/05/2017</a><br><a href="#">09/05/2017</a><br><a href="#">04/05/2017</a><br><a href="#">02/05/2017</a><br><a href="#">27/04/2017</a> | <a href="#">27/03/2017</a><br><a href="#">23/03/2017</a><br><a href="#">20/03/2017</a><br><a href="#">16/03/2017</a><br><a href="#">13/03/2017</a> | <a href="#">16/02/2017</a><br><a href="#">13/02/2017</a><br><a href="#">09/02/2017</a><br><a href="#">06/02/2017</a><br><a href="#">02/02/2017</a> | <a href="#">09/01/2017</a><br><a href="#">05/01/2017</a><br><a href="#">02/01/2017</a><br><a href="#">29/12/2016</a><br><a href="#">27/12/2016</a> |
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|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">24/04/2017</a> | <a href="#">09/03/2017</a> | <a href="#">30/01/2017</a> | <a href="#">22/12/2016</a> |
| <a href="#">20/04/2017</a> | <a href="#">06/03/2017</a> | <a href="#">26/01/2017</a> | <a href="#">19/12/2016</a> |
| <a href="#">18/04/2017</a> | <a href="#">02/03/2017</a> | <a href="#">23/01/2017</a> | <a href="#">15/12/2016</a> |
| <a href="#">13/04/2017</a> | <a href="#">27/02/2017</a> | <a href="#">19/01/2017</a> | <a href="#">12/12/2016</a> |
| <a href="#">10/04/2017</a> | <a href="#">23/02/2017</a> | <a href="#">16/01/2016</a> | <a href="#">08/12/2016</a> |
| <a href="#">03/04/2017</a> | <a href="#">20/02/2017</a> | <a href="#">12/01/2017</a> | <a href="#">05/12/2016</a> |
| <a href="#">30/03/2017</a> |                            |                            |                            |

#### Managed/Co-Managed Offering Disclosure (Pre05) Historical

|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">11/05/2017</a> | <a href="#">27/03/2017</a> | <a href="#">16/02/2017</a> | <a href="#">09/01/2017</a> |
| <a href="#">09/05/2017</a> | <a href="#">23/03/2017</a> | <a href="#">13/02/2017</a> | <a href="#">05/01/2017</a> |
| <a href="#">04/05/2017</a> | <a href="#">20/03/2017</a> | <a href="#">09/02/2017</a> | <a href="#">02/01/2017</a> |
| <a href="#">02/05/2017</a> | <a href="#">16/03/2016</a> | <a href="#">06/02/2017</a> | <a href="#">29/12/2016</a> |
| <a href="#">27/04/2017</a> | <a href="#">13/03/2017</a> | <a href="#">02/02/2017</a> | <a href="#">27/12/2016</a> |
| <a href="#">24/04/2017</a> | <a href="#">09/03/2017</a> | <a href="#">30/01/2017</a> | <a href="#">22/12/2016</a> |
| <a href="#">20/04/2017</a> | <a href="#">06/03/2017</a> | <a href="#">26/01/2017</a> | <a href="#">19/12/2016</a> |
| <a href="#">18/04/2017</a> | <a href="#">02/03/2017</a> | <a href="#">23/01/2017</a> | <a href="#">15/12/2016</a> |
| <a href="#">13/04/2017</a> | <a href="#">27/02/2017</a> | <a href="#">19/01/2017</a> | <a href="#">12/12/2016</a> |
| <a href="#">10/04/2017</a> | <a href="#">23/02/2017</a> | <a href="#">16/01/2017</a> | <a href="#">08/12/2016</a> |
| <a href="#">03/04/2017</a> | <a href="#">20/02/2017</a> | <a href="#">12/01/2017</a> | <a href="#">05/12/2016</a> |
| <a href="#">30/03/2017</a> |                            |                            |                            |

#### 0.5% Ownership Disclosure (Pre13) Historical

|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">11/05/2017</a> | <a href="#">20/04/2017</a> | <a href="#">27/03/2017</a> | <a href="#">06/03/2017</a> |
| <a href="#">09/05/2017</a> | <a href="#">18/04/2017</a> | <a href="#">23/03/2017</a> | <a href="#">02/03/2017</a> |
| <a href="#">04/05/2017</a> | <a href="#">13/04/2017</a> | <a href="#">20/03/2017</a> | <a href="#">27/02/2017</a> |
| <a href="#">02/05/2017</a> | <a href="#">10/04/2017</a> | <a href="#">16/03/2017</a> | <a href="#">23/02/2017</a> |
| <a href="#">27/04/2017</a> | <a href="#">03/04/2017</a> | <a href="#">13/03/2017</a> | <a href="#">20/02/2017</a> |
| <a href="#">24/04/2017</a> | <a href="#">30/03/2017</a> | <a href="#">09/03/2017</a> |                            |

#### 0.5% Ownership Disclosure (Pre14) Historical

|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">11/05/2017</a> | <a href="#">20/04/2017</a> | <a href="#">27/03/2017</a> | <a href="#">06/03/2017</a> |
| <a href="#">09/05/2017</a> | <a href="#">18/04/2017</a> | <a href="#">23/03/2017</a> | <a href="#">02/03/2017</a> |
| <a href="#">04/05/2017</a> | <a href="#">13/04/2017</a> | <a href="#">20/03/2017</a> | <a href="#">27/02/2017</a> |
| <a href="#">02/05/2017</a> | <a href="#">10/04/2017</a> | <a href="#">16/03/2017</a> | <a href="#">23/02/2017</a> |
| <a href="#">27/04/2017</a> | <a href="#">03/04/2017</a> | <a href="#">13/03/2017</a> | <a href="#">20/02/2017</a> |
| <a href="#">24/04/2017</a> | <a href="#">30/03/2017</a> | <a href="#">09/03/2017</a> |                            |

#### 0.5% Ownership Disclosure (Pre15) Historical

|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">11/05/2017</a> | <a href="#">20/04/2017</a> | <a href="#">27/03/2017</a> | <a href="#">06/03/2017</a> |
| <a href="#">09/05/2017</a> | <a href="#">18/04/2017</a> | <a href="#">23/03/2017</a> | <a href="#">02/03/2017</a> |
| <a href="#">04/05/2017</a> | <a href="#">13/04/2017</a> | <a href="#">20/03/2017</a> | <a href="#">27/02/2017</a> |
| <a href="#">02/05/2017</a> | <a href="#">10/04/2017</a> | <a href="#">16/03/2017</a> | <a href="#">23/02/2017</a> |
| <a href="#">27/04/2017</a> | <a href="#">03/04/2017</a> | <a href="#">13/03/2017</a> | <a href="#">20/02/2017</a> |
| <a href="#">24/04/2017</a> | <a href="#">30/03/2017</a> | <a href="#">09/03/2017</a> |                            |

#### Debt Market Maker (Pre16) Historical

|                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|
| <a href="#">11/05/2017</a> | <a href="#">02/05/2017</a> | <a href="#">20/04/2017</a> | <a href="#">10/04/2017</a> |
| <a href="#">09/05/2017</a> | <a href="#">27/04/2017</a> | <a href="#">18/04/2017</a> | <a href="#">03/04/2017</a> |
| <a href="#">04/05/2017</a> | <a href="#">24/04/2017</a> | <a href="#">13/04/2017</a> |                            |



