

IMPORTANT DISCLAIMER

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As of January 26th 2023

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

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
Aker Carbon Capture	ACCA.OL
AKTIA BANK	AKTIA.HE
AkzoNobel	AKZO.AS
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	AMA.MC
Amazon	AMZN.OQ
AMC ENTERTAINMENT HOLDINGS INC	AMC.N
American Express	AXP.N
American Tower Corporation	AMT.N
Amgen Inc.	AMGN.OQ
Amgen Inc.	AMGN.OQ
Amgen Inc.	AMGN.OQ
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
Argenx SE	ARGX.BR
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
AT&T Inc	T.N
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
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 di Desio e della Brianza	DESI.MI
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
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
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
CTP	CTPNV.AS
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
DBV Technologies	DBV.PA
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'leteren	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
Electrolux AB	ELUXb.ST
Elekta	EKTab.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
Energia	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
Euroapi	EAPI.PA
Eurocommercial Properties	ECMPA.AS
Eurofins Scientific	EUFI.PA
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	EXPN.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
Freenet AG	FNTGn.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
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
Grodno	GRNP.WA
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
Horizon Therapeutics PLC	HZNP.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 Distributions Services plc	IDSI.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	P RTP.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	VTLE.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
Louis Dreyfus Company	LOUP.PA
Lowe's	LOW.N
Lundbeck	HLUNb.CO
Lundin Energy	ORRON.ST
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
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
Millicom International Cellular S.A.	TIGOsdb.ST
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

Nel	NEL.OL
Nemetschek	NEKG.DE
Neoen	NEOEN.PA
Neste	NESTE.HE
Nestlé SA	NESN.S
Netflix	NFLX.OQ
Network International	NETW.L
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	NZYMb.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
PerkinElmer Inc	PKI.N
Pernod Ricard	PERP.PA
Perrigo Company PLC	PRGO.N
Pfizer	PFE.N
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 AG	P911_p.DE
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
Privia Health Group, Inc.	PRVA.OQ
Procter & Gamble	PG.N
Prologis	PLD.N
Prosiebensat1 Media	PSMGn.DE
PROSUS NV	PRX.AS
Provident Financial	PFGL
Proximus	PROX.BR
Prudential	PRU.L
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
Redde Plc	REDD.L
Redeia	REDE.MC
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
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
SAS Group	SAS.ST
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 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
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	STM1.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
Swiss Life	SLHN.S
Swiss RE	SRENH.S
Swisscom	SCMN.S
Swissquote	SQN.S
SWORD	SWOR.PA
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 Inc	TALO.N
Target	TGT.N
Tate & Lyle plc	TATE.L
Tauron	TPE.WA
Technicolor	VANTI.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
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
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	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
VISA INC.	V.N
Viscofan SA	VIS.MC
Vivendi	VIV.PA
VMware Inc	VMW.N
Vodafone	VOD.L
Voestalpine AG	VOES.VI

Volkswagen	VOWG_p.DE
Voltaia	VLTA.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
Whirlpool Corporation	WHR.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
ABB FINANCE B.V.	nocode0436
Abbott Laboratories	ABT.N

ABN Amro	ABNd.AS
Acciona	ANA.MC
Accor	ACCP.PA
Achmea	nocode55
ACS	ACS.MC
ACS Servicios Comunicaciones y Energia SA	nocode675
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
Agility public warehousing company K.S.C.P	AGLT.KW
Air France-KLM	AIRF.PA
Air Lease Corporation	AL.N
Air Liquide	AIRP.PA
Akbank	AKBNK.IS
ALD Automotive	ALDA.PA
ALLEGRO B.V.	nocode00176
Allianz SE	ALVG.DE
Alstom	ALSO.PA
Alstria Office REIT-AG	AOXG.DE
Altarea Cogedim	IMAF.PA
Altareit SCA	AREIT.FP
Amazon	AMZN.OQ
American Honda Finance Corp	nocode104
American Tower Corporation	AMT.N
Antares Holdings LP	nocode00105
Aperam	APAM.AS
Apollo Global Management LLC	APO.N
AptarGroup Inc	ATR.N
Aptiv PLC	APTV.N
ArcelorMittal	MT.AS
Ares Capital Corporation	ARCC.O
Argonaut Gold Inc	AR.TO
Arkema	AKE.PA
Assic Generali spa	GASI.MI
Associated British Foods	ABF.L
ASTM	ATMI.MI
Atlantia	ATL.MI
Atos	ATOS.PA
Auchan	AUCH_SG
AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED	ANZ.AX
Autobahnen Schnellstrassen Finanzierungs	nocode00192
Autoroutes Paris-Rhin-Rhone	APRR.PA

Autostrade Per L'Italia SPA	nocode754
Axa	AXAF.PA
Axa Bank Europe SCF	nocode0550
AXA HOME LOAN SFH	nocode0473
Axian Telecom	nocode00135
Bain Capital Inc.	nocode822
Baker Hughes a GE Company	BKR.OQ
Banca MPS	BMPS.MI
Banco BPM	BAMI.MI
Banco de Sabadell	SABE.MC
Banco Santander	SAN.MC
BANK GOSPODARSTWA KRAJOWEGO	nocode00173
Bank of America	BAC.N
Bank of Ireland	BIRG.I
Bank of Montreal	BMO.TO
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
Belfius bank	nocode0421
Beneteau	CHBE.PA
Bertelsmann	BTGGg.F
Blackstone	BX.N
Blackstone Holdings Finance Co. L.L.C.	nocode0103
Blackstone Private Credit Fund	nocode0313
Blackstone Secured Lending Fund	BXSL.N
Blue Owl Capital Inc	OWL.N
BNG Bank NV	nocode0002
Boston Scientific Corp	BSX.N
Bouygues	BOUY.PA
BP	BP.L
BPER Banca	EMII.MI
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
BT Group	BT.L
CADES (Caisse d'amortissement de la dette sociale)	nocode313
Caisse centrale du crédit immobilier de France	nocode656

Caisse de Refinancement de l'habitat (CRH)	nocode63
Caisse Française de Financement Local	nocode084
Caixa Geral de Depositos	nocode64
Caixabank	CABK.MC
Camelot Return Merger Sub Inc	nocode00185
Canadian Imperial Bank of Commerce	CM.TO
Capgemini	CAPP.PA
Cargill Inc	nocode346
Carlsberg	CARLb.CO
Carmila	CARM.PA
Carrefour	CARR.PA
Casino	CASP.PA
Cassa Depositi e Prestiti	nocode058
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N
CDC	nocode747
CDK Global Inc	CDK.O
Ceconomy	CECG.DE
Cellnex	CLNX.MC
Cellnex Finance Company SA	nocode00095
Central Merger Sub Inc.	nocode00182
Ceska Telekomunikacni Infrastruktura	nocode146
CESKE DRAHY	nocode176
CGI	GIBa.TO
Charter Communications	CHTR.OQ
Cheniere Corpus Christi Holdings, LLC	nocode962
Cheniere Energy, Inc.	LNG.A
CIMIC	CIM.AX
Cintra	CCIT.MC
Citigroup	C.N
CMA CGM	nocode333
CNH Industrial	CNHI.N
CNP Assurances	CNPP.PA
Coca-Cola HBC Finance BV	nocode000118
Cofinimmo	COFB.BR
Comcast Corporation	CMCSA.OQ
Commerzbank	CBKG.DE
COMMONWEALTH BANK	CBA.AX
Compagnie des Alpes	CDAF.PA
Compagnie Maritime Belge	nocode9
Compass Group	CPG.L
Condor Merger Sub Inc.	nocode6257
Constructions Industrielles Mediterranee SA	CNIM.PA
Corebridge Financial Inc.	CRBG.N
Cornerstone Building Brands Inc	CNR.N

Covestro	1COV.DE
CPI Property Group	O5G.DE
Credit Agricole Group	CRDA.FA
Credit Agricole Italia S.P.A	nocode009
Credit Agricole SFH	nocode003
Credit Logement	CRLOG.PA
Credit Mutuel Home Loan SFH	nocode365
Credit Suisse	CSGN.S
Credito Emiliano	EMBI.MI
Crown Castle International	CCI.N
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
Danske Bank	DANSKE.CO
Dassault Systèmes	DAST.PA
DBS Bank Limited	nocode00130
DE VOLKSBANK N.V.	nocode0406
Dell International LLC	nocode00218
Dell Technologies Inc.	DELL.N
Derichebourg	DBG.PA
Deutsche Bahn Finance GMBH	nocode0533
Deutsche Börse	DB1Gn.DE
Deutsche Kreditbank AG	nocode00168
Deutsche Telekom	DTEGn.DE
Dexia Credit Local	DCL_SG
DIC Asset AG	DICn.DE
Discovery Communications	DISCA.O
DNB	DNB.OL
Dolphin Energy	nocode198
Du Pont De Nemours	DD.N
DZ Hyp AG	nocode0404
EDF	EDF.PA
Edison SpA	EDN.MI
EDP Finance BV	nocode0314
Edreams Odigeo	EDRE.MC
EFSF	nocode733
Eiffage	FOUG.PA
EIG PEARL HOLDINGS S.A.R.L	nocode00148
El Corte Ingles	nocode0359
Electricity Supply Board	nocode387
Elis	ELIS.PA
Enbridge	ENB.TO
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 LLC	nocode842
Envision Healthcare Corporation	EVHC.N
Eon	EONGn.DE
EQT AB	EQTAB.ST
Equitable Holdings Inc.	EQH.N
Erste Group	ERST.VI
Eurazeo	EURA.PA
Eurekaing	nocode00169
Euroapi	EAPI.PA
European Union	nocode735
Evolution Mining Ltd	EVN.AX
Evonik	EVKn.DE
Far East Horizon	3360.HK
Faurecia	EPED.PA
Federal State of Berlin	nocode0146
Ferrovial	FER.MC
FL Entertainment	nocode0212
FMG Resources (August 2006)	nocode0672
Fnac Darty	FNAC.PA
Ford Motor Co	F.N
Ford Motor Credit company	nocode151
Fortum	FORTUM.HE
Fraport AG	FRAG.DE
Fresenius SE & Co. KGaA	FREG.DE
FS KKR Capital	FSK.N
GACI First Investment Company	nocode00201
Garanti Bank	GARAN.IS
GE Healthcare Holding LLC	nocode032
Gecina	GFCP.PA
General Motors	GM.N
GENERAL MOTORS FINANCIAL	nocode9976
Getlink	GETP.PA
Global Infrastructure Partners	nocode0592
GOVERNMENT OF IVORY COAST	nocode9978
Groupe Bruxelles Lambert	GBLB.BR
Groupe Gascogne	ALBI.PA
Groupe Seb	SEBF.PA
Grupo Antolin	ANTL_SG
Hamburg Commercial Bank AG	nocode00131
Hellenic Republic of Greece	nocode0397

Henkel	HNKG_p.DE
Hewlett-Packard Company	HPQ.N
HILL INTERNATIONAL INC	HIL.N
Holding d'Infrastructure de Transport (HIT)	nocode90
HOLDING LE DUFF HLD	nocode0668
Honeywell International	HON.OQ
Hong Kong Monetary Authority	nocode00136
Horizonte Minerals Plc	HZM.L
House of HR	nocode0481
HOWOGE WOHNUNGSBAUGESELLSCHAFT MBH	nocode00129
HSBC FRANCE	HSBC_SG
HSBC Holdings PLC	HSBA.L
HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET A.S.	nocode00079
Hyundai Motor Co	005380.KS
I2PO	nocode0764
IAC/INTERACTIVECORP	IAC.O
Ibercaja Banco	nocode370
IBM	IBM.N
Icade Sante	nocode0503
ICBC London Branch	nocode0285
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
Intel Corporation	INTC.O
IntercontinentalExchange	ICE.N
Intermediate Capital Group	ICP.L
International Development Association (IDA)	nocode0915
International Far Eastern Leasing Co Ltd	nocode00212
International Finance Corporation	nocode763
Intesa Sanpaolo	ISP.MI
Intralot	INLr.AT
iQera	nocode00198
Iren SpA	IREE.MI
Isbank	ISCTR.IS
ISLAMIC DEVELOPMENT BANK	nocode416
Jackson Financial Inc	JXN.N
Jackson National Life Insurance Co.	nocode0601
JCDecaux	JCDX.PA
JPMorgan Chase & Co.	JPM.N
Kazakhstan Temir Zholy	nocode679
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
La Banque Postale	RIC_LBP
La Poste	LAPST
LafargeHolcim	HOLN.PA
Land Niedersachsen	nocode00096
LAND NRW	nocode0400
Landesbank Hessen Thueringen Girozentrale	LHTGg.F
Landwirtschaftliche Rentenbank	nocode330
Latécoère	LAEP.PA
Leaseplan Corporation NV	nocode128
LEG Immobilien AG	LEGn.DE
Liberty Global	LBTYA.OQ
Lincoln National	LNC.N
Linde plc	LIN.N
L'Oréal	OREP.PA
Louis Dreyfus Company	LOUP.PA
Loxam	nocode9961
LVMH	LVMH.PA
Macquarie Group Limited	MQG.AX
Mamoura Diversified Global Holding PJSC	nocode942
Manitou	MANP.PA
ManpowerGroup Inc.	MAN.N
MASHREQBANK PSC	MASB.DU
Mastercard Inc	MA.N
McAfee Corp	MCFE.OQ
McDonald's	MCD.N
Mediobanca Spa	MDBI.MI
MEDIOLANUM	BMED.MI
Mercialys	MERY.PA
Merck and Co Inc.	MRK.N
Mercuria Asia Resources Pte Ltd	nocode00197

Mercuria Energy Trading S.A.	nocode00165
Mercuria Trading Pte Ltd	nocode00196
MetLife Inc	MET.N
Metro AG	B4B.DE
MILLENIUUM HOTELS REAL ESTATE I SOCIMI	YMHRE.MC
Ministry of Finance of Albania	nocode0326
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
Mondelez International	MDLZ.OQ
Morgan Stanley	MS.N
Moto Hospitality Limited	nocode00128
NATIONAL AUSTRALIA BANK	NAB.AX
National Bank of Canada	NA.TO
National Grid	NG.L
NATIONAL GRID NORTH AMERICA	nocode88811
Nationwide Building Society	POB_p.L
Naturgy Finance BV	nocode461
NatWest Markets	nocode0308
NCL Corp Ltd	nocode0975
NE Property Cooperatief U.A.	nocode0445
Neoen	NEOEN.PA
NESTLE Holding Inc	nocode00035
Nestlé SA	NESN.S
Nexi	NEXII.MI
Nexity	NEXI.PA
NEXTDC	NXT.AX
Nextera Energy	NEE.N
NextEra Energy Capital Holdings, Inc.	nocode0513
Nhoa	NHOA.PA
NIBC N.V	nocode78
Nidda Healthcare Holding GmbH	nocode639
Nomura Holdings Inc	8604.T
Nonghyup Bank	nocode042
Nordea	NDAFI.HE
Norwegian Cruise Line Holdings Ltd	NCLH.N
NOUVEAU MONDE GRAPHITE INC.	NOU.V
Novo Banco	nocode0270
Occidental Petroleum Corporation	OXY.N
Oman Ministry of Finance	nocode0652
OneMain Financial Holdings, LLC	nocode0294
OP CORPORATE BANK PLC	nocode00018
Opdenergy Holding SA	nocode00132

Orange	ORAN.PA
Orano	nocode401
Orpea	ORP.PA
Otis Worldwide Corporation	OTIS.N
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
PEGASUS ENTREPRENEURIAL ACQUISITION COMPANY EUROPE BV	nocode00177
PepsiCo	PEP.OQ
Pernod Ricard	PERP.PA
Perrigo Company PLC	PRGO.N
Philips	PHG.AS
PJSC Sovcombank	nocode0974
PKO Bank Polski	PKO.WA
Plastic Omnium	PLOF.PA
Porsche AG	P911_p.DE
PPG Industries	PPG.N
Prudential Financial	PRU.N
PSA Banque France	nocode0437
PT Pertamina (Persero)	nocode00052
Public Investment Fund	nocode00200
QNB FINANSBANK AS	nocode0423
Raiffeisen Bank International	RBIV.VI
RATP (REGIE AUTONOME DES TRANSPORTS PARISIENS)	nocode344
Relx PLC	REL.L
Renault	RENA.PA
Republic of Austria	nocode972
Republic of Chile	nocode0472
Republic of Estonia	nocode0564
Republic of Indonesia	INDON_CFT
Republic of Ireland	nocode0399
Republic of Portugal	nocode978
Resolute Mining Ltd	RSG.AX
ReWorld Media	ALREW.FP
Rolls-Royce	RR.L
Royal Bank of Canada	RY.TO
Royal Caribbean Cruises Ltd	RCL.N
Rubis	RUBF.PA
RWE	RWEG.DE

Sabine Pass Liquefaction, LLC	nocode00209
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
Saudi Arabian Oil Company	2222.SR
Sazka	nocode0232
SBM Offshore	SBMO.AS
Schneider	SCHN.PA
Sadrill	SDRL.OL
Seaspan Corporation	nocode00097
SEB	SEBa.ST
SES	SESFd.PA
SG SFH	nocode855
Shenwan Hongyuan International Finance Limited	nocode0813
Siemens	SIEGn.DE
Siemens Energy	ENR1n.DE
Siemens Financieringmaatschappij	nocode0338
Simon Property Group	SPG.N
Smart meter Assets 1 Ltd	nocode6254
Smith & Nephew	SN.L
Snam	SRG.MI
SNCF Mobilités	nocode99665
Société Générale	SOGN.PA
Softbank Group	9984.T
Sogecap	nocode857
Solutions 30	S30.PA
SONATE BIDCO SA	nocode00155
Sovcom Capital DAC	nocode0763
Sparebank 1 SR	SRBANK.OL
Spie	SPIE.PA
SRP Groupe	SRPG.PA
ST ENGINEERING URBAN SOLUTIONS USA, INC	nocode00166
STADA Arzneimittel AG	STAGN.H
Standard Chartered	STAN.L
State Grid Europe Development (2014) Public Limited Company	nocode00149
State Of Belgium	STBEL_CFT
Statkraft AS	STATK_SG
Stellantis N.V.	STLA.MI
Suez	SEVI.PA
T Mobile Netherlands	nocode7828
TAG Immobilien AG	TEGG.DE

Talanx	TLXGn.DE
Talos Energy Inc	TALO.N
Tate & Lyle plc	TATE.L
TDF	nocode361
TechnipFMC	FTI.N
Teekay LNG Partners	TGP.N
Telefonica Europe	nocode0428
Telefonica SA	TEF.MC
Teleperformance	TEPRF.PA
TENDAM BRANDS	nocode00184
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 State Treasury of the Republic of Poland	nocode0427
The Timken Company	TKR.N
T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Toyota Finance Australia Limited	nocode0433
Toyota Industries Commercial Finance, Inc.	nocode00194
Toyota Motor Credit Corporation	nocode861
TOYOTA MOTOR FINANCE NETHERLANDS BV	nocode0396
Tui Travel	TT.L
Turk Eximbank	nocode696
Ubisoft	UBIP.PA
UBS AG	UBSG.S
UC Rusal Plc	0486.HK
UDC Endeavour Auto ABS Trust 2022-1	UDCAU 2022-1
UGI CORP	UGI.N
UMANIS	ALUMS.PA
Unedic	nocode744
Unicaja	UNI.MC
UniCredit Bank AG HVB	nocode0456
United Overseas Bank Ltd	UOBH.SI
Universal Music Group	UMG.AS
Vakifbank	VAKBN.IS
Valeo	VLOF.PA
Var Energi AS	nocode00002
Vattenfall	VATT_SG
Verallia	VRLA.PA
Vestas Wind Systems Finance BV	nocode00154
Videlio	VDLO.PA

VILLA DUTCH BIDCO B.V.	nocode00199
Vinci	SGEF.PA
Visiativ	ALVIV.PA
Viterra Finance B.V.	nocode04691
VITOL HOLDING BV	nocode00139
VITOL SA	nocode00138
Vivendi	VIV.PA
VodafoneZiggo	ZIGGO.AS
Volkswagen	VOWG_p.DE
Volvo Treasury AB	nocode0538
Vonovia SE	VNAn.DE
VW Group of America Finance LLC	nocode00171
VZ SECURED FINANCING BV	nocode75421
Warner Media, LLC	nocode00091
Wells Fargo & Co.	WFC.N
Wendel	MWDP.PA
WESTERN POWER DISTRIBUTION	WPD
Whirlpool Corporation	WHR.N
WOORI BANK	nocode078
YapiKredi Bank	YKBNK.IS
Yara International	YAR.OL
ZABKA POLSKA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	nocode013
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
ABB FINANCE B.V.	nocode0436
ABN Amro	ABNd.AS
Accor	ACCP.PA
Achmea	nocode55
Action Logement Services	nocode00098
AerCap Global Aviation Trust	nocode0307
AerCap Ireland Capital DAC	nocode0306
Agence Francaise de Developpement	nocode746
Agence Francaise Locale	nocode397
Air France-KLM	AIRF.PA
Air Lease Corporation	AL.N
ALD Automotive	ALDA.PA
Allianz SE	ALVG.DE
Altarea Cogedim	IMAF.PA
Amazon	AMZN.OQ

American Honda Finance Corp	nocode104
American Tower Corporation	AMT.N
Antares Holdings LP	nocode00105
AptarGroup Inc	ATR.N
Aptiv PLC	APTV.N
ArcelorMittal	MT.AS
Ares Capital Corporation	ARCC.O
Arkema	AKE.PA
ASTM	ATMI.MI
Atos	ATOS.PA
Auchan	AUCH_SG
AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED	ANZ.AX
Autobahnen Schnellstrassen Finanzierungs	nocode00192
Autoroutes Paris-Rhin-Rhone	APRR.PA
Autostrade Per L'Italia SPA	nocode754
Axa	AXAF.PA
Axa Bank Europe SCF	nocode0550
AXA HOME LOAN SFH	nocode0473
Axian Telecom	nocode00135
Baker Hughes a GE Company	BKR.OQ
Banca MPS	BMPS.MI
Banco BPM	BAMI.MI
Banco de Sabadell	SABE.MC
Banco Santander	SAN.MC
BANK GOSPODARSTWA KRAJOWEGO	nocode00173
Bank of America	BAC.N
Bank of Ireland	BIRG.I
Bank of Montreal	BMO.TO
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
Belfius bank	nocode0421
Bertelsmann	BTGGg.F
Blackstone	BX.N
Blackstone Holdings Finance Co. L.L.C.	nocode0103
Blackstone Private Credit Fund	nocode0313
Blackstone Secured Lending Fund	BXSL.N
Blue Owl Capital Inc	OWL.N
BNG Bank NV	nocode0002
Bouygues	BOUY.PA

BPER Banca	EMII.MI
BPI France	nocode047
Bristol Myers Squibb	BMY.N
Brookfield BRP Holdings (Canada) Inc.	BEPH.N
Brookfield Finance Inc	nocode549
BT Group	BT.L
CADES (Caisse d'amortissement de la dette sociale)	nocode313
Caisse centrale du crédit immobilier de France	nocode656
Caisse de Refinancement de l'habitat (CRH)	nocode63
Caisse Française de Financement Local	nocode084
Caixa Geral de Depositos	nocode64
Caixabank	CABK.MC
Camelot Return Merger Sub Inc	nocode00185
Canadian Imperial Bank of Commerce	CM.TO
Cargill Inc	nocode346
Carlsberg	CARLb.CO
Carrefour	CARR.PA
Cassa Depositi e Prestiti	nocode058
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N
CDC	nocode747
CDK Global Inc	CDK.O
Cellnex	CLNX.MC
Cellnex Finance Company SA	nocode00095
Central Merger Sub Inc.	nocode00182
Ceska Telekomunikacni Infrastruktura	nocode146
CESKE DRAHY	nocode176
Charter Communications	CHTR.OQ
Citigroup	C.N
CNH Industrial	CNHI.N
CNP Assurances	CNPP.PA
Coca-Cola HBC Finance BV	nocode000118
Cofinimmo	COFB.BR
Comcast Corporation	CMCSA.OQ
Commerzbank	CBKG.DE
COMMONWEALTH BANK	CBA.AX
Compagnie des Alpes	CDAF.PA
Compass Group	CPG.L
Condor Merger Sub Inc.	nocode6257
Corebridge Financial Inc.	CRBG.N
Cornerstone Building Brands Inc	CNR.N
Covestro	1COV.DE
CPI Property Group	O5G.DE
Credit Agricole Group	CRDA.FA
Credit Agricole Italia S.P.A	nocode009

Credit Agricole SFH	nocode003
Credit Logement	CRLOG.PA
Credit Mutuel Home Loan SFH	nocode365
Credit Suisse	CSGN.S
Credito Emiliano	EMBI.MI
Crown Castle International	CCI.N
Daimler Truck AG	DTGGe.DE
Daimler Truck Holding AG	nocode00144
Daimler Trucks Finance NA	nocode00142
Danske Bank	DANSKE.CO
DBS Bank Limited	nocode00130
DE VOLKSBANK N.V.	nocode0406
Dell International LLC	nocode00218
Dell Technologies Inc.	DELL.N
Deutsche Bahn Finance GMBH	nocode0533
Deutsche Börse	DB1Gn.DE
Deutsche Kreditbank AG	nocode00168
DNB	DNB.OL
DZ Hyp AG	nocode0404
EDF	EDF.PA
EDP Finance BV	nocode0314
Edreams Odigeo	EDRE.MC
EFSF	nocode733
EIG PEARL HOLDINGS S.A.R.L	nocode00148
Electricity Supply Board	nocode387
Elis	ELIS.PA
Enbridge	ENB.TO
EnBW	EBKG.DE
Enel	ENEI.MI
Enel Finance International SA	nocode400
Engie	ENGIE.PA
Enstar Group LTD	ESGR.O
ENTERPRISE PRODUCTS OPERATING LLC	nocode842
Eon	EONGn.DE
Equitable Holdings Inc.	EQH.N
Erste Group	ERST.VI
Eureking	nocode00169
European Union	nocode735
Evonik	EVKn.DE
Far East Horizon	3360.HK
Faurecia	EPED.PA
Federal State of Berlin	nocode0146
FL Entertainment	nocode0212
FMG Resources (August 2006)	nocode0672
Ford Motor Co	F.N

Ford Motor Credit company	nocode151
Fresenius SE & Co. KGaA	FREG.DE
FS KKR Capital	FSK.N
GACI First Investment Company	nocode00201
GE Healthcare Holding LLC	nocode032
Gecina	GFCP.PA
General Motors	GM.N
GENERAL MOTORS FINANCIAL	nocode9976
Getlink	GETP.PA
Groupe Bruxelles Lambert	GBLB.BR
Hamburg Commercial Bank AG	nocode00131
Hellenic Republic of Greece	nocode0397
Henkel	HNKG_p.DE
Hewlett-Packard Company	HPQ.N
Holding d'Infrastructure de Transport (HIT)	nocode90
Honeywell International	HON.OQ
Hong Kong Monetary Authority	nocode00136
HOWOGE WOHNUNGSBAUGESELLSCHAFT MBH	nocode00129
HSBC FRANCE	HSBC_SG
HSBC Holdings PLC	HSBA.L
HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET A.S.	nocode00079
Hyundai Motor Co	005380.KS
Ibercaja Banco	nocode370
IBM	IBM.N
ICBC London Branch	nocode0285
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 Development Association (IDA)	nocode0915
Intesa Sanpaolo	ISP.MI
iQera	nocode00198
ISLAMIC DEVELOPMENT BANK	nocode416
Jackson Financial Inc	JXN.N
Jackson National Life Insurance Co.	nocode0601
JCDecaux	JCDX.PA
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
La Banque Postale	RIC_LBP
La Poste	LAPST
Land Niedersachsen	nocode00096
LAND NRW	nocode0400
Landesbank Hessen Thueringen Girozentrale	LHTGg.F
Landwirtschaftliche Rentenbank	nocode330
Leaseplan Corporation NV	nocode128
Lincoln National	LNC.N
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
MASHREQBANK PSC	MASB.DU
McAfee Corp	MCFE.OQ
McDonald's	MCD.N
Mediobanca Spa	MDBI.MI
MEDIOLANUM	BMED.MI
Mercialys	MERY.PA
Merck and Co Inc.	MRK.N
MetLife Inc	MET.N
MILLENIUM HOTELS REAL ESTATE I SOCIMI	YMHRE.MC
Ministry of Finance of Albania	nocode0326
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
Mondelez International	MDLZ.OQ
Morgan Stanley	MS.N
National Bank of Canada	NA.TO
National Grid	NG.L
NATIONAL GRID NORTH AMERICA	nocode88811
Nationwide Building Society	POB_p.L

NatWest Markets	nocode0308
NCL Corp Ltd	nocode0975
NE Property Cooperatief U.A.	nocode0445
Neoen	NEOEN.PA
NESTLE Holding Inc	nocode00035
Nestlé SA	NESN.S
Nextera Energy	NEE.N
NextEra Energy Capital Holdings, Inc.	nocode0513
Nhoa	NHOA.PA
NIBC N.V	nocode78
Nidda Healthcare Holding GmbH	nocode639
Nomura Holdings Inc	8604.T
Nonghyup Bank	nocode042
Nordea	NDAFI.HE
Norwegian Cruise Line Holdings Ltd	NCLH.N
Occidental Petroleum Corporation	OXY.N
OneMain Financial Holdings, LLC	nocode0294
OP CORPORATE BANK PLC	nocode00018
Orange	ORAN.PA
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PepsiCo	PEP.OQ
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Republic of Estonia	nocode0564
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
Sabine Pass Liquefaction, LLC	nocode00209
Saint-Gobain	SGOB.PA
Saipem	SPMI.MI
Sandvik	SAND.ST
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TAG Immobilien AG	TEGG.DE
TDF	nocode361
Teleperformance	TEPRF.PA
TENDAM BRANDS	nocode00184
Terna	TRN.MI
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The Republic of Finland	nocode462
The State Treasury of the Republic of Poland	nocode0427
The Timken Company	TKR.N

T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Toyota Finance Australia Limited	nocode0433
Toyota Motor Credit Corporation	nocode861
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Ubisoft	UBIP.PA
UBS AG	UBSG.S
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UGI CORP	UGI.N
Unedic	nocode744
Unicaja	UNI.MC
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United Overseas Bank Ltd	UOBH.SI
Universal Music Group	UMG.AS
Var Energi AS	nocode00002
Vattenfall	VATT_SG
Verallia	VRLA.PA
Vestas Wind Systems Finance BV	nocode00154
VILLA DUTCH BIDCO B.V.	nocode00199
Vinci	SGEF.PA
Viterra Finance B.V.	nocode04691
VodafoneZiggo	ZIGGO.AS
Volkswagen	VOWG_p.DE
Volvo Treasury AB	nocode0538
Vonovia SE	VNAn.DE
VW Group of America Finance LLC	nocode00171
VZ SECURED FINANCING BV	nocode75421
Wells Fargo & Co.	WFC.N
Wendel	MWDP.PA
WESTERN POWER DISTRIBUTION	WPD
WOORI BANK	nocode078
Yara International	YAR.OL
Ziraat Bankasi	nocode053
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
EQDOM	EQDM.CS
Freyr Battery 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) .**

A.P. Moller-Maersk B	MAERSKb.CO
A1 Telekom Austria	nocode00191
A2A Spa	A2.MI
Aareal Bank	ARLG.DE
Abbey National plc	ABBY.L
AbbVie	ABBV.N
Aberdeen Asset Management	ADN.L
ABN Amro	ABNd.AS
Accor	ACCP.PA
ACEF Holding SCA	nocode000112
Adecco	ADEN.S
Adevinta	ADEA.OL
Adif Alta Velocidad	nocode026
ADO Properties	ADJ.DE
Aer lingus	AERL.L
AES Corporation	AES.N
AG2R La Mondiale	nocode0149
Agricultural Bank Of China LTD	nocode080
Ahold Delhaize	AD.AS
Air France-KLM	AIRF.PA
Air Lease Corporation	AL.N
Air Liquide	AIRP.PA

AIR LIQUIDE FINANCE	nocode00081
Airgas	ARG.N
Akka Technologies	AKA.PA
Albioma	ABIO.PA
ALD Automotive	ALDA.PA
Alliance & Leicester	ALLL.L
Alliander NV	nocode023
Allianz SE	ALVG.DE
Allied Irish Banks	AIBG.I
Ally Financial	ALLY.N
Alpha Bank	ACBr.AT
Alpha Bank	ACBr.AT
Alphabet	GOOGL.OQ
Altedia	TLA.PA
Altice Europe NV	ATCA.AS
Altice Finco SA	nocode673
Altice France	nocode0322
Altran Technologies	ALTT.PA
America Movil SAB de CV	AMXL.MX
American Electric Power	AEP.N
American Honda Finance Corp	nocode104
American Water Works	AWK.N
Amgen Inc.	AMGN.OQ
Amgen Inc.	AMGN.OQ
Amgen Inc.	AMGN.OQ
AMS AG	nocode612
Amundi	AMUN.PA
Anglo American	AAL.L
Anheuser-Busch InBev	ABI.BR
Anheuser-Busch InBev Worldwide Inc	nocode658
Aramis Group	ARAMI.PA
Arcelor S.A. (Lor.Pa)	nocode95
ArcelorMittal	MT.AS
Arcelormittal Mines Canada	nocode533
Arkema	AKE.PA
Aroundtown S.A.	AT1.DE
ASR Nederland	nocode00031
Assic Generali spa	GASI.MI
ATF Netherlands B.V.	nocode0588
Auchan	AUCH_SG
Autopistas Metropolitanas de Puerto Rico	nocode702
Autoroutes du Sud de la France (Vinci)	nocode9971
Autoroutes Paris-Rhin-Rhone	APRR.PA
Autostrade Per L'Italia SPA	nocode754
Avis Europe	AVE.L

Aviva	AV.L
Axa	AXAF.PA
Axa Banque France	nocode671
AXA HOME LOAN SFH	nocode0473
Banca Nazionale del Lavoro	BANI.MI
Banca Popolare di Milano	PMII.MI
Banca Popolare di Sondrio	BPSI.MI
Banca Popolare di Verona	nocode58
Banca Popolare di Vicenza	nocode373
Banco CAM	CAM.MC
Banco di Desio e della Brianza	DESI.MI
Banco Pastor	PAS.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
Bank of New York Mellon	BK.N
Bankinter	BKT.MC
Banque Federative du Credit Mutuel (BFCM)	nocode415
Banque PSA	nocode60
Barclays	BARC.L
BAWAG P.S.K.	nocode0310
Bayerische Landesbank Girozentrale	BLGGgi.f
Bertelsmann	BTGGg.F
Bharti Airtel Ltd	BRTI.BO
BMW	BMWG.DE
BMW Australia Limited	nocode159
BNP Paribas	BNPP.PA
BNP PARIBAS CARDIF	nocode872
Boiron	BOIR.PA
Boston Scientific Corp	BSX.N
Boursorama	FMTX.PA
Bouygues	BOUY.PA
BP	BP.L
BP Capital Markets BV	nocode0954
BP MIDSTREAM PARTNERS	nocode1000
BPCE	BPCE.FR
BPER Banca	EMII.MI
BPVN	BPVN.MI
BRD	ROBRD.BX
British Airways	BAY.L
BT Group	BT.L

Bulgari	BULG.MI
BUT	nocode88816
CADES (Caisse d'amortissement de la dette sociale)	nocode313
Capgemini	CAPP.PA
Capital One Financial	COF.N
Capital One Financial	COF.N
Cardety	CARD.PA
Carmila	CARM.PA
Carrefour	CARR.PA
Carrefour Banque	nocode91
Carrefour Property	CARPD.PA
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N
Cattolica Assicurazione	CASS.MI
Ceetrus SA	nocode317
Cheung Kong Infrastructure Holdings LTD	1038.HK
China Construction Bank Corp	0939.HK
China Construction Bank Europe	nocode9993
China National Petroleum Corporation	nocode056
China State Shipbuilding Corporation	nocode027
CHINA THREE GORGES CORPORATION (CTG)	nocode263
Christian Dior	DIOR.PA
Ciments Français	CMFP.PA
Citigroup	C.N
CNOOC	883.HK
CNOOC Finance (2013) Limited	nocode0504
CNP Assurances	CNPP.PA
Coca-Cola Europacific Partners	CCEPC.AS
CODEIS SECURITIES	nocode037
Cofidis	RIC_COF
Cofinoga	nocode68
Cofiroute (Vinci)	COFI_SG
Comcast Corporation	CMCSA.OQ
Comdirect Bank	CDBG.DE
Commerzbank	CBKG.DE
Compagnie de Financement Foncier	nocode53
Compagnie Financiere du Credit Mutuel	nocode75
Constellium	CSTM.N
Continental	CONG.DE
Corio	COR.AS
CORUS GROUP	CS.L
COSMOTE	COSr.AT
Covea	nocode641
Cox Communications	COX.N
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 Nord Europe	nocode0823
Credito Emiliano	EMBI.MI
CRH PLC	CRH.L
Crown European Holdings SA	nocode1516
CSSC (Hong Kong) Shipping Company Limited	3877.HK
Daimler Chrysler Japan Holding LTD	nocode97
Daimler Finance North America LLC	nocode54
Daimler Truck Holding AG	nocode00144
Dalkia International	nocode035
Danone	DANO.PA
Dassault Aviation	AM.PA
Dassault Systèmes	DAST.PA
DE VOLKSBANK N.V.	nocode0406
Dell	DELL.O
Dell International LLC	nocode00218
Delta Lloyd Group	DLL.AS
Deutsche Bahn	DBB_SG
Deutsche Bank AG	DBKGn.DE
Deutsche Kreditbank AG	nocode00168
Deutsche Post AG	DPWGn.DE
Deutsche Postbank	DPBGn.DE
Development Bank Of Singapore (DBS)	DBSM.SI
Diageo	DGE.L
Direct Energie SA	DIREN.PA
Discover Bank	nocode0500
Disney	DIS.N
DNB	DNB.OL
Dongfeng Motor Grp Co Ltd - H	0489.HK
Dresser-Rand Group, Inc.	DRC.N
Duke Energy Corp	DUK.N
Durr AG	DUEG.DE
EASTERN POWER NETWORKS PLC	nocode0524
Ec Finance Plc	nocode0587
EDF	EDF.PA
EDP Finance BV	nocode0314
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
EnBW	EBKG.DE
Enel	ENEI.MI
Enel Finance International SA	nocode400
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
ESB Finance DAC	nocode00206
Essent	ESSE_SG
EssilorLuxottica	ESLX.PA
Essity	ESSITYb.ST
Euroapi	EAPI.PA
Eurofins Scientific	EUFI.PA
EuroHypo AG	RHYG.F
Europcar Mobility Group	EUCAR.PA
Evonik	EVKn.DE
Experian	EXP.N
EXPORT IMPORT BANK OF KOREA (KEXIM)	nocode040
ExxonMobil	XOM.N
F&C Asset Management	FCAM.L
Faurecia	EPED.PA
Federal State of Berlin	nocode0146
Ferrari NV	RACE.N
Fifth Third Bancorp	FITB.O
FinecoBank	nocode00030
Ford Credit Europe Bank	nocode897
Ford Motor Co	F.N
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
General Motors	GM.N
Getlink	GETP.PA

Glencore	GLEN.L
GMAC	GMAC_SG
Golden Star Resources Ltd	GSC.TO
GOVERNMENT OF SLOVENIA	nocode9995
Gracie Point International Funding 2022-3	GPIF 2022-3
Grand City Properties S.A.	GYC.DE
Grifols	GRLS.MC
Groupe Artemis	nocode88813
Grupo Nutresa SA	NCH.CN
Hagemeyer	HAGN.AS
HBOS	HBOS.L
HeidelbergCement	HEIG.DE
Heineken	HEIN.AS
Henkel	HNKG_p.DE
Hindustan Unilever Ltd.	HLL.NS
Holding d'Infrastructure de Transport (HIT)	nocode90
Honda	7267.T
HSBC FRANCE	HSBC_SG
Huntington Bankshares	HBAN.O
Hypothesenbank in Essen	nocode74
HYUNDAI CAPITAL AMERICA	HYMLF.PK
Hyundai Motor Co	005380.KS
IAG	ICAG.L
Ibercaja Banco	nocode370
Iberdrola	IBE.MC
Iberdrola Renovables	IBR.MC
IBM	IBM.N
Iccrea Banca S.p.A.	nocode00125
IGT	IGT.N
Iliad	ILD.PA
Iliad Holding	nocode00152
Imerys	IMTP.PA
Imola Merger Corporation	nocode0611
ING Bank NV	INGs.AS
ING Bank Slaski S.A.	INGP.WA
ING-DiBa	nocode0461
Instituto de Credito Oficial	nocode750
Intel Corporation	INTC.O
Intesa Sanpaolo	ISP.MI
INTESA SANPAOLO Vita	nocode782
Invensys	ISYS.L
Isbank	ISCTR.IS
Italcementi	ITAI.MI
JAB Holding BV	nocode545
Japan Tobacco	2914.T

JCDecaux	JCDX.PA
JINMAO HOTEL AND JINMAO CHINA HOTEL INVESTMENTS AND MANAGEMENT	6139.HK
JPMorgan Chase & Co.	JPM.N
Julius Baer Group	BAER.S
Jyske Bank	nocode76
JYSKE BANK A/S	JYSK.CO
KB Securities	nocode00108
KBC	KBC.BR
KEB HANA BANK	004940.KS
Kering	PRTP.PA
Keyspan Gas East Corp	nocode341
KINGDOM OF SPAIN	nocode541
Klepierre	LOIM.PA
Komerčni Banka	BKOM.PR
KPN	KPN.AS
La Banque Postale	RIC_LBP
La Poste	LAPST
Lacroix SA	LACP.PA
Lagardère	LAGA.PA
LAND NRW	nocode0400
Lanxess	LXSG.DE
LB Baden Wurttemberg	LBB_SG
Leaseplan Finance NV	nocode129
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
Macif	MACI_SG
Macquarie Group Limited	MQG.AX
MAHLE GMBH	MAHL.GR
MAN	MANG.DE
Marriott International Inc	MAR.OQ
Marshall & Ilsley	MI.N
MASSACHUSETTS ELECTRIC CO	MSSEL.PK
Matterhorn Telecom Holding SA	nocode033
Mbank S.A.	MBK.WA
McDonald's	MCD.N
Mediobanca Spa	MDBI.MI
Mercedes-Benz Group AG	MBGn.DE
Merck Financial Services	nocode0476

Merck KGaA	MRCG.DE
Meta Platforms	META.OQ
Michelin	MICP.PA
Ministry of Finance of the Republic of Indonesia	nocode0005
Mizuho Financial Group	8411.T
Mobiasbanca	nocode859
Mondelez International Holdings Netherlands B.V.	nocode00109
Motorola Inc	MSI.N
Muenchener Hypothekenbank	nocode405
Munich RE	MUVGn.DE
NARRAGANSETT ELECTRIC COMPANY	nocode261
NATIONAL AUSTRALIA BANK	NAB.AX
National Bank of Greece	NBGr.AT
National Grid	NG.L
National Rural Utilites	NRUC.N
Nationwide Building Society	POB_p.L
NatWest Group Plc	NWG.L
Necessity Retail REIT Inc	RTL.O
Nestle India Ltd.	NEST.NS
New England Power	nocode0123
Nexans	NEXS.PA
Nexen Inc	NXY.TO
Nexi	NEXII.MI
NIAGARA MOHAWK POWER	NMK_pb.N
NIBC N.V	nocode78
Nidda Healthcare Holding GmbH	nocode639
Nissan Motor Co	7201.T
Nordea	NDAFI.HE
Nordea Bank Finland PLC	nocode854
Northern Trust	NTRS.O
Northrop Grumman	NOC.N
Novartis AG	NOVN.S
Novartis Capital Corp	nocode0544
Novartis Finance SA	nocode0237
Numericable-SFR	NUME.PA
Nuon	NUON_SG
Nuova Banca dell'Etruria e del Lazio	nocode453
O2	OOM.L
OCI	OCI.AS
OI EUROPEAN GROUP B.V.	nocode1515
OMV	OMVV.VI
Onvista	ONVG.F
OP CORPORATE BANK PLC	nocode00018
OP Mortgage Bank	nocode276
Orange	ORAN.PA

Orange Belgium	OBEL.BR
Orange Polska	OPL.WA
Orano	nocode401
Orpea	ORP.PA
Orsted A/S	ORSTED.CO
Paccar Financial Corp	nocode00023
PACCAR Financial Europe BV	nocode00060
PACCAR Inc	PCAR.O
Partner Re	PRE.N
PepsiCo	PEP.OQ
PERMANENT TSB PLC	ILOA.I
Pernod Ricard	PERP.PA
Pfizer	PFE.N
PIRAEUS BANK	BOPr.AT
Porsche SE	PSHG_p.DE
Praxair Inc	PX.N
Procter & Gamble	PG.N
Progress Energy	PGN.N
Proximus	PROX.BR
Prudential Financial	PRU.N
PSA Banque France	nocode0437
PTT PCL	PTT.BK
PTTEP Treasury Center Company Limited	nocode659
Raiffeisen Bank International	RBIV.VI
Refinitiv US Holdings Inc.	nocode0344
Renault	RENA.PA
Repsol	REP.MC
Repsol International Finance BV	nocode0559
Republic of Estonia	nocode0564
Republic of Italy	nocode0394
Rexel	RXL.PA
Rhodia	RHA.PA
ROBERT BOSCH	RBOS_SG
Rosbank	ROSB.MM
Royal Bank of Canada	RY.TO
Royal Dutch shell PLC	RDSa.L
ROYAL LESTARI UTAMA	nocode2611
RTE	RTE_SG
RTL Group	RRTL.DE
Rue du Commerce	RDCF.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
SCHLUMBERGER FINANCE BV	nocode542
Schneider	SCHN.PA
Scor	SCOR.PA
Sempra Energy	SRE.N
SEMYRHAMIS	nocode99553
Serono	SEO.VX
SFR	SFR_SG
SG SFH	nocode855
Shell Plc	SHEL.L
Sicomed	ROSCD.BX
Siemens	SIEGn.DE
Sinochem	600500.SS
Sky	SKYB.L
Snam	SRG.MI
SNS BANK NV	nocode119
Societe Generale Bank Montenegro	nocode573
Societe Generale Ghana	nocode863
Society of Lloyd's	nocode99660
Socram	nocode306
Sogelease	nocode860
SOLFEA	nocode030
Solvay SA	SOLB.BR
SONATE BIDCO SA	nocode00155
Southern California Gas	SOCGM.PK
Sperian Protection	SPEP.PA
Sprint	S.N
SSE	SSE.L
Stadshypotek	nocode81
Standard Life Aberdeen Plc	ABDN.L
State Grid Europe Development (2014) Public Limited Company	nocode00149
State Grid International Development Limited	nocode049
Statkraft AS	STATK_SG
Stellantis N.V.	STLA.MI
Suedzucker	SZUG.DE
Suez	SEVI.PA
Sunpower	SPWR.OQ

Swedbank	SWEDa.ST
Tata Chemicals Limited	TTCH.NS
Tata Motors Ltd	TAMO.NS
Tauron	TPE.WA
Telecom Italia	TLIT.MI
Telecom Italia Rsp	TLITn.MI
Telefónica Deutschland Holding AG	O2Dn.DE
Telefonica UK (O2 UK)	nocode724
Telekom Austria	TELA.VI
Telia Company AB	TELIA.ST
Telxius	nocode570
Tencent Holdings LTD	0700.HK
Tennet	nocode022
Tereos	nocode007
THAMES WATER	nocode066
The Coca-Cola Company	KO.N
The Dow Chemical	DOW.N
The Hershey Company	HSY.N
Thyssenkrupp	TKAG.DE
Tikehau Capital	TKOO.PA
Time Warner Cable	TWC.N
T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Toyota Finance Australia Limited	nocode0433
Toyota Motor Credit Corporation	nocode861
TRANSWORLD SYSTEMS INC	nocode0442
Traton SE	8TRA.DE
Turk Telekomunikasyon AS	TTKOM.IS
TURKCELL ILETISIM HIZMETLERI A.S.	nocode00217
TURKIYE SINAI KALKINMA BANKASI	TSKB.IS
Tyco International Ltd.	TYC.N
U.S. Bancorp	USB.N
UCB SA	UCB.BR
Unedic	nocode744
Unilever NV	ULVR.AS
Unilever PLC	ULVR.L
UNION FINANCIERE DE FRANCE BANQUE	UFFP.PA
Union International de Banques	UIB.CS
United Overseas Bank Ltd	UOBH.SI
United Parcel Service	UPS.N
Upjohn	nocode0567
Upjohn Finance	nocode0568
Valeo	VLOF.PA
Vattenfall	VATT_SG
Veneto Banca	nocode274

Verizon	VZ.N
VIER GAS TRANSPORT GmbH	nocode031
Vinci	SGEF.PA
Vodafone	VOD.L
Volkswagen International Finance NV	nocode0546
Volvo Car AB	nocode267
Vonovia Finance BV	nocode645
Vonovia SE	VNAn.DE
Votorantim Group	nocode170
WalMart	WMT.N
WESTERN POWER DISTRIBUTION	WPD
WeWork Inc	WE.N
WOORI BANK	nocode078
YapiKredi Bank	YKBNK.IS
ZEC KOGENERACJA	KGN.WA

HISTORICAL DATA

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31/01/2019	31/12/2018	26/11/2018		
28/01/2019	27/12/2018	22/11/2018		
24/01/2019	24/12/2018	19/11/2018		
21/01/2019	20/12/2018	15/11/2018		
17/01/2019	17/12/2018	12/11/2018		
1/4/01/2019	13/12/2018	08/11/2018		
10/01/2019	10/12/2018	05/11/2018		
07/01/2019	06/12/2018	01/11/2018		
03/01/2019	03/12/2018			



	29/11/2018			
29/10/2018 25/10/2018 22/10/2018 18/10/2018 15/10/2018 11/10/2018 08/10/2018 01/10/2018	27/09/2018 24/09/2018 20/09/2018 17/09/2018 13/09/2018 10/09/2018 06/09/2018 03/09/2018	27/08/2018 23/08/2018 20/08/2018 16/08/2018 13/08/2018 08/08/2018 06/08/2018 02/08/2018	30/07/2018 26/07/2018 23/07/2018 19/07/2018 16/07/2018 12/07/2018 09/07/2018 06/07/2018 02/07/2018	28/06/2018 25/06/2018 21/06/2018 18/06/2018 14/06/2018 11/06/2018 07/06/2018 04/06/2018
31/05/2018 28/05/2018 24/05/2018 22/05/2018 17/05/2018 14/05/2018 10/05/2018 07/05/2018 03/05/2018	30/04/2018 26/04/2018 23/04/2018 19/04/2018 16/04/2018 12/04/2018 09/04/2018 05/04/2018 03/04/2018	29/03/2018 26/03/2018 22/03/2018 19/03/2018 15/03/2018 12/03/2018 08/03/2018 05/03/2018 01/03/2018	26/02/2018 22/02/2018 19/02/2018 12/02/2018 08/02/2018 05/02/2018 01/02/2018	29/01/2018 25/01/2018 22/01/2018 18/01/2018 15/01/2018 11/01/2018 08/01/2018 04/01/2018 02/01/2018
28/12/2017 26/12/2017 21/12/2017 18/12/2017 11/12/2017 07/12/2017 04/12/2017 01/12/2017	27/10/2017 23/11/2017 20/11/2017 13/11/2017 09/11/2017 06/11/2017 03/11/2017	30/10/2017 26/10/2017 23/10/2017 19/10/2017 17/10/2017 12/10/2017 09/10/2017 05/10/2017 02/10/2017		
28/09/2017 25/09/2017 21/09/2017 18/09/2017 14/09/2017 11/09/2017 09/09/2017 04/09/2017	31/08/2017 24/08/2017 21/08/2017 10/08/2017 07/08/2017 03/08/2017	31/07/2017 27/07/2017 24/07/2017 20/07/2017 17/07/2017 13/07/2017 10/07/2017 06/07/2017 03/07/2017	29/06/2017 26/06/2017 22/06/2017 19/06/2017 15/06/2017 12/06/2017 08/06/2017 05/06/2017 01/06/2017	29/05/2017 25/05/2017 22/05/2017 18/05/2017 15/05/2017

Previous detailed historic

Equity Market Maker (PreO2) Historical

11/05/2017	27/03/2017	16/02/2017	09/01/2017
09/05/2017	23/03/2017	13/02/2017	05/01/2017
04/05/2017	20/03/2017	09/02/2017	02/01/2017
02/05/2017	16/03/2017	06/02/2017	29/12/2016
27/04/2017	13/03/2017	02/02/2017	27/12/2016
24/04/2017	09/03/2017	30/01/2017	22/12/2016
20/04/2017	06/03/2017	26/01/2017	19/12/2016

18/04/2017	02/03/2017	23/01/2017	15/12/2016
13/04/2017	27/02/2017	19/01/2016	12/12/2016
10/04/2017	23/02/2017	16/01/2017	08/12/2016
03/04/2017	20/02/2017	12/01/2017	05/12/2016
30/03/2017			

12 Month IB Revenue Disclosure (Pre04) Historical

11/05/2017	27/03/2017	16/02/2017	09/01/2017
09/05/2017	23/03/2017	13/02/2017	05/01/2017
04/05/2017	20/03/2017	09/02/2017	02/01/2017
02/05/2017	16/03/2017	06/02/2017	29/12/2016
27/04/2017	13/03/2017	02/02/2017	27/12/2016
24/04/2017	09/03/2017	30/01/2017	22/12/2016
20/04/2017	06/03/2017	26/01/2017	19/12/2016
18/04/2017	02/03/2017	23/01/2017	15/12/2016
13/04/2017	27/02/2017	19/01/2017	12/12/2016
10/04/2017	23/02/2017	16/01/2016	08/12/2016
03/04/2017	20/02/2017	12/01/2017	05/12/2016
30/03/2017			

Managed/Co-Managed Offering Disclosure (Pre05) Historical

11/05/2017	27/03/2017	16/02/2017	09/01/2017
09/05/2017	23/03/2017	13/02/2017	05/01/2017
04/05/2017	20/03/2017	09/02/2017	02/01/2017
02/05/2017	16/03/2016	06/02/2017	29/12/2016
27/04/2017	13/03/2017	02/02/2017	27/12/2016
24/04/2017	09/03/2017	30/01/2017	22/12/2016
20/04/2017	06/03/2017	26/01/2017	19/12/2016
18/04/2017	02/03/2017	23/01/2017	15/12/2016
13/04/2017	27/02/2017	19/01/2017	12/12/2016
10/04/2017	23/02/2017	16/01/2017	08/12/2016
03/04/2017	20/02/2017	12/01/2017	05/12/2016
30/03/2017			

0.5% Ownership Disclosure (Pre13) Historical

11/05/2017	20/04/2017	27/03/2017	06/03/2017
09/05/2017	18/04/2017	23/03/2017	02/03/2017
04/05/2017	13/04/2017	20/03/2017	27/02/2017
02/05/2017	10/04/2017	16/03/2017	23/02/2017
27/04/2017	03/04/2017	13/03/2017	20/02/2017
24/04/2017	30/03/2017	09/03/2017	

0.5% Ownership Disclosure (Pre14) Historical

11/05/2017	20/04/2017	27/03/2017	06/03/2017
09/05/2017	18/04/2017	23/03/2017	02/03/2017
04/05/2017	13/04/2017	20/03/2017	27/02/2017
02/05/2017	10/04/2017	16/03/2017	23/02/2017
27/04/2017	03/04/2017	13/03/2017	20/02/2017
24/04/2017	30/03/2017	09/03/2017	

0.5% Ownership Disclosure (Pre15) Historical

11/05/2017	20/04/2017	27/03/2017	06/03/2017
09/05/2017	18/04/2017	23/03/2017	02/03/2017
04/05/2017	13/04/2017	20/03/2017	27/02/2017
02/05/2017	10/04/2017	16/03/2017	23/02/2017
27/04/2017	03/04/2017	13/03/2017	20/02/2017
24/04/2017	30/03/2017	09/03/2017	

Debt Market Maker (Pre16) Historical

11/05/2017	02/05/2017	20/04/2017	10/04/2017
09/05/2017	27/04/2017	18/04/2017	03/04/2017
04/05/2017	24/04/2017	13/04/2017	