

## IMPORTANT DISCLAIMER

Disclaimer for SG Sales and Trade Ideas

[English Version](#)

[French Version](#)

[Belgian Flemish Version](#)

[Dutch Version](#)

[Italian Version](#)

[Spanish Version](#)

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

As of **May 18<sup>th</sup>, 2020**

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

3i	III.L
A.P. Moller-Maersk B	MAERSKb.CO
A2A Spa	A2.MI
ABB	ABBN.S
Abbott Laboratories	ABT.N
AbbVie	ABBV.N
ABN Amro	ABNd.AS
Accenture	ACN.N
Acciona	ANA.MC
Accor	ACCP.PA
Acerinox	ACX.MC
Ackermans & van Haaren	ACKB.BR
ACS	ACS.MC
Adecco	ADEN.S
Adidas	ADSGn.DE
ADT Inc	ADT.N
Adyen	ADYEN.AS
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



**SOCIETE GENERALE**  
Corporate & Investment Banking

Air Products	APD.N
Airbus Group	AIR.PA
Aixtron	AIXGn.DE
Aker BP	AKERBP.OL
AKTIA BANK	AKTIA.HE
AkzoNobel	AKZO.AS
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
Alstria Office REIT-AG	AOXG.DE
Altarea Cogedim	IMAF.PA
Alten	LTEN.PA
Altice Europe NV	ATCA.AS
Altice USA	ATUS.N
Altria	MO.N
Amadeus IT Holding	AMA.MC
Amazon	AMZN.OQ
AMC ENTERTAINMENT HOLDINGS INC	AMC.N
American Electric Power	AEP.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 SGR SPA	ANIM.MI
Antofagasta	ANTO.L
Apache Corp	APA.N
Aperam	APAM.AS
Apple	AAPL.OQ
Applus Services	APPS.MC
Aptiv PLC	APTV.N
ArcelorMittal	MT.AS
Archer Daniels Midland	ADM.N
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
Assa Abloy	ASSAb.ST
Assic Generali spa	GASI.MI
Associated British Foods	ABF.L
ASTM	ATMI.MI
AstraZeneca	AZN.L
AT&T Inc	T.N
Atlantia	ATL.MI
Atlas Copco	ATCOa.ST
Atos	ATOS.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
AXA Equitable Holdings	EQH.N
Azimut Holding	AZMT.MI
BAE Systems	BAES.L
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
Bankia	BKIA.MC
Bankinter	BKT.MC
Barclays	BARC.L
Barry Callebaut AG	BARN.S
BASF SE	BASFn.DE
Bayer AG	BAYGn.DE
BBA Aviation	SIGSI.L
BBVA	BBVA.MC
Beazley	BEZG.L
Befimmo	BEFB.BR

Beiersdorf	BEIG.DE
Best Buy Co. Inc	BBY.N
BHP Billiton plc	BHPB.L
Bic	BICP.PA
Big Yellow Plc	BYG.L
Bilfinger	GBFG.DE
BioMérieux	BIOX.PA
Biotage	BIOT.ST
Black Hills Corporation	BKH.N
Blackrock Inc.	BLK.N
BMW	BMWG.DE
BNP Paribas	BNPP.PA
Boeing	BA.N
Bogdanka	LWBP.WA
Boliden	BOL.ST
Bolsas y Mercados Españoles	BME.MC
Bonanza Creek Energy Inc	BCEI.N
Boston Scientific Corp	BSX.N
Bouygues	BOUY.PA
BP	BP.L
BPER Banca SpA	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
Brunello Cucinelli	BCU.MI
BT Group	BT.L
Bunge Ltd	BG.N
Burberry	BRBY.L
Bureau Veritas	BVI.PA
BW Offshore	BWO.OL
Cabot Oil & Gas	COG.N
CAF	CAF.MC
Cairn Energy Plc	CNE.L
Caixabank	CABK.MC
California Resources Corp	CRC.N
Campbell Soup	CPB.N
Capgemini	CAPP.PA
Capital One Financial	COF.N
Carlsberg	CARLb.CO
Carmila	CARM.PA
Carnival Corporation & Plc	CCL.N
Carphone Warehouse	DC.L

Carrefour	CARR.PA
Casino	CASP.PA
Caterpillar Inc	CAT.N
Cattolica Assicurazione	CASS.MI
Caverion	CAV1V.HE
Ceconomy	CECG.DE
Celanese	CE.N
Cellnex	CLNX.MC
Centamin Plc	CEY.L
CenterPoint Energy	CNP.N
Central European Media	CETV.OQ
Centrica	CNA.L
CenturyLink	CTL.N
CF Industries Holdings Inc	CF.N
CFE	CFEB.BR
CGG	GEPH.PA
Charter Communications	CHTR.OQ
Cheniere Energy, Inc.	LNG.A
Chesapeake Energy Corp	CHK.N
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
Cimarex Energy	XEC.N
Cincinnati Bell	CBB.N
Cisco	CSCO.OQ
CIT Group	CIT.N
Citigroup	C.N
Clariant	CLN.S
Clear Channel Outdoor	CCO.N
Clorox	CLX.N
CLOSE BROTHERSGROUP PLC	CBRO.L
CME Group INC	CME.OQ
CMS Energy	CMS.N
CNP Assurances	CNPP.PA
Coca-Cola Hellenic	CCH.L
Cofinimmo	COFB.BR
Cognizant	CTSH.OQ
COLFAX CORP (CFX)	CFX.N
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
Compass Group	CPG.L
Concho Resources	CXO.N
ConocoPhillips	COP.N
Consol Energy Inc	CNX.N
Consolidated Edison	ED.N
Constellation Brands	STZ.N
Continental	CONG.DE
Cookson Group	VSVS.L
Corning	GLW.N
Coty	COTY.N
Covestro	1COV.DE
Covivio Hotels	COVH.PA
Covivio SA	CVO.PA
Crédit Agricole SA	CAGR.PA
Credit Suisse	CSGN.S
Credito Emiliano	EMBI.MI
Credito Valtellinese	PCVI.MI
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
Daily Mail and General Trust	DMGOa.L
Daimler	DAIGn.DE
Danone	DANO.PA
Danske Bank	DANSKE.CO
Dassault Aviation	AVMD.PA
Dassault Systèmes	DAST.PA
Davide Campari-Milano S.p.A.	CPRI.MI
Deere & Company	DE.N
Delek US Holdings	DK.N
Dell Technologies Inc.	DELL.N
Delphi Automotive PLC	DLPH.N
Denbury Resources	DNR.N
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
Development Bank Of Singapore (DBS)	DBSM.SI
Devon Energy	DVN.N
Diageo	DGE.L
Dialog Semiconductor	DLGS.DE
DIASORIN	DIAS.MI
D'Ieteren	IETB.BR
Dillard's	DDS.N
Discover Financial Services	DFS.N
Disney	DIS.N
DNB	DNB.OL
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 Puleva	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
Eiffage	FOUG.PA
ELECNOR	ENOR.MC
Elekta	EKTA.St
Eli Lilly	LLY.N
Elia	ELI.BR
Elior Group	ELIOR.PA
Elis	ELIS.PA
Elisa	ELISA.HE
Eltel	ELTEL.ST
Emerson Electric	EMR.N
Enagas	ENAG.MC

Endesa SA	ELE.MC
ENEA	ENAE.WA
Enel	ENEI.MI
Energia	ENGP.WA
Energiean 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 Corporation	EQT.N
Equinor	EQNR.OL
Ericsson	ERICb.ST
Erste Group	ERST.VI
EssilorLuxottica	ESLX.PA
Essity	ESSITYb.ST
Estée Lauder	EL.N
Etsy Inc	ETSY.OQ
Eurazeo	EURA.PA
Eurocommercial Properties	SIPFc.AS
Eurofins Scientific	EUFI.PA
Euromoney	ERM.L
Euronext	ENX.PA
Eutelsat	ETL.PA
EVN	EVNV.VI
Evonik	EVKn.DE
Evotec	EVTG.DE
Evraz Plc	EVRE.L
Exela Technologies Inc	XELA.OQ
Exor	EXOR.MI
Experian	EXP.N
ExxonMobil	XOM.N
Facebook	FB.OQ
Falck Renewables	AA4.MI
Faurecia	EPED.PA
FCA	FCHA.MI
FCC	FCC.MC
FDJ	FDJ.PA
Ferguson	FERG.L
Ferrovial	FER.MC
Financiere de l'Odet	EPMF.PA
FINCANTIERI S.P.A	FCT.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
Fortum	FORTUM.HE
Forum Energy Technologies	FET.N
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	FPEG.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
Genfit	GNFT.PA
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
Givaudan	GIVN.S
Glanbia PLC	GL9.I
GlaxoSmithKline	GSK.L
Glencore	GLEN.L
GN Store Nord	GN.CO
Godaddy Inc	GDDY.N
Goldman Sachs	GS.N
Grand City Properties S.A.	GYC.DE
Great Portland Estates	GPOR.L

Greencore Group plc	GNC.L
Grenke AG	GLJn.DE
Grifols	GRLS.MC
Groupe Bolloré	BOLL.PA
Groupe Bruxelles Lambert	GBLB.BR
Groupe Seb	SEBF.PA
Grupa Azoty	ATTP.WA
Grupa Lotos	LTSP.WA
H&R Block	HRB.N
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
Heineken	HEIN.AS
Helmerich & Payne Inc	HP.N
Helvetia	HELN.S
Henkel	HNKG_p.DE
Hennes & Mauritz	HMb.ST
HERA	HRA.MI
Hermes Intl	HRMS.PA
Hess Corporation	HES.N
Hewlett Packard Enterprise Co	HPE.N
Hewlett-Packard Company	HPQ.N
Hexagon AB	HEXAb.ST
Hexcel	HXL.N
Hochtief	HOTG.DE
Holcim	LHN.S
HollyFrontier Corp.	HFC.N
Home Depot	HD.N
Honeywell International	HON.N
HOST HOTELS & RESORTS INC.	HST.N
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
Iliad	ILD.PA

Illinois Tool Works Inc	ITW.N
Imerys	IMTP.PA
IMI	IMI.L
Immofinanz	IMFI.VI
Imperial Brands	IMB.L
Impregilo	SALI.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
Ingenico Group	INGC.PA
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
JC PENNEY	JCP.N
JCDecaux	JCDX.PA
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 Group	JUSTJ.L
JW Nordstrom	JWN.N
JYSKE BANK A/S	JYSK.CO

K+S	SDFGn.DE
Kaufman & Broad	KOF.PA
Kazakhmys Plc	KAZ.L
KBC	KBC.BR
Kering	PRTP.PA
Kerry	KYGa.I
KeyCorp	KEY.N
KGHM	KGH.WA
Kimberly-Clark Corporation	KMB.N
Kinder Morgan Inc.	KMI.N
Kingfisher	KGF.L
Kinross Gold Corp	K.TO
Kion Group	KGX.DE
Klépierre	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
Lagardère	LAGA.PA
Land Securities	LAND.L
Lanxess	LXSG.DE
Lar Espana	LRES.MC
Laredo Petroleum Holdings Inc	LPI.N
Lazard Ltd	LAZ.N
LEG Immobilien AG	LEGn.DE
Legal & General	LGEn.L
Legrand	LEGD.PA
Lennar	LEN.N
Leonardo SpA	LDOF.MI
Leoni AG	LEOGn.DE
Liberbank	LBK.MC
Liberty Global	LBTYA.OQ
Lincoln National	LNC.N
Linde plc	LIN.N
Lindt & Spruengli AG	LISN.S
Lloyds Banking Group	LLOY.L
Lockheed Martin	LMT.N
Logista	LOG.MC
Logitech	LOGN.S
London Stock Exchange Group	LSE.L

Lonza Group AG	LONN.S
L'Oréal	OREP.PA
Lowe's	LOW.N
Lundbeck	LUN.CO
Lundin Energy	LUNE.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	MANG.DE
Man Group	EMG.L
MANITOWOC COMPANY	MTW.N
Mapfre	MAP.MC
Marathon Oil	MRO.N
Marathon Petroleum Corp.	MPC.N
Marks & Spencer	MKS.L
Marriott International Inc	MAR.OQ
MASMOVIL IBERCOM SA	MASM.MC
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
MDC Holdings	MDC.N
Mediaset	MS.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
Mercialys	MERY.PA
Merck and Co Inc.	MRK.N
Merck KGaA	MRCG.DE
Merlin Properties	MRL.MC
MetLife Inc	MET.N
Metro AG	B4B.DE
Metro Bank	MTRO.L
Metsa Board	METSB.HE
Metso	METSO.HE
Michael Page	PAGE.L

Michelin	MICP.PA
MICRON TECHNOLOGY INC.	MU.OQ
Microsoft Corporation	MSFT.OQ
Midstates Petroleum Company Inc	AMPY.N
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
Natixis	CNAT.PA
Naturgy	NTGY.MC
Neinor Homes	HOME.MC
Nemetschek	NEKG.DE
Neoen	NEOEN.PA
Neste	NESTE.HE
Nestlé SA	NESN.S
Netflix	NFLX.OQ
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
Nobina AB	NOBINA.ST
Noble Corp	NE.N
Nokia	NOKIA.HE
Nordea	NDAFI.HE
Nordex	NDXG.DE
Norma Group	NOEJ.DE
Norsk Hydro	NHY.OL
Northrop Grumman	NOC.N

Norwegian Air Shuttle	NWC.OL
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
Oerlikon	OERL.S
Old Mutual	OMU.L
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
Orion Engineered Carbons SA	OEC.N
Orpea	ORP.PA
Orsted A/S	ORSTED.CO
Osram Licht	OSRn.DE
Outokumpu	OUT1V.HE
OWENS & MINOR, INC	OMI.N
Paragon	PAGPA.L
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
PerkinElmer Inc	PKI.N
Pernod Ricard	PERP.PA
Petrofac	PFC.L
Pfizer	PFE.N
PGNIG	PGN.WA
PGS	PGS.OL
Philip Morris International	PM.N
Philips	PHG.AS
Phillips 66	PSX.N
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
Polymetal International	POLYP.L
Porr	ABGV.VI
Porsche SE	PSHG_p.DE
Poste Italiane Spa	PST.MI
PPG Industries	PPG.N
PPL Corp	PPL.N
Premier Oil	PMO.L
Prologis	PLD.N
Prosiebensat1 Media	PSMGn.DE
Provident Financial	PFG.L
Proximus	PROX.BR
Prudential	PRU.L
Prudential Financial	PRU.N
Prysmian SpA	PRY.MI
PSA Group	PEUP.PA
PSE&G Corp	PEG.N
Public Storage	PSA.N
Publicis Groupe	PUBP.PA
Pulte Group	PHM.N
Puma	PUMG.DE
PZU	PZU.WA
QEP Resources	QEP.N
Qiagen	QIA.DE
Quadient	QDT.PA
Qualcomm Inc	QCOM.OQ
Raiffeisen Bank International	RBIV.VI
Randstad	RAND.AS
Range Resources	RRC.N
Ratos	RATOb.ST
Reckitt Benckiser	RB.L
Recro Pharma Inc	REPH.OQ
Red Electrica	REE.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
Rentokil Initial	RTO.L
Repsol	REP.MC
Revlon	REV.N
Rexel	RXL.PA
Rheinmetall	RHMG.DE
Richemont	CFR.S
Rightmove	RMV.L
Rio Tinto	RIO.L
Roche	ROG.S
Rockwell Automation	ROK.N
Rockwool	ROCKb.CO
Rolls-Royce	RR.L
Rotork Plc	ROR.L
Royal Bank of Scotland	RBS.L
Royal Caribbean Cruises Ltd	RCL.N
Royal Dutch Shell A	RDSa.AS
Royal Dutch Shell B	RDSb.L
Royal Dutch shell PLC	RDSa.L
Royal Mail Group	RMG.L
RSA Insurance Group	RSA.L
RTL Group	RRTL.DE
Rubis	RUBF.PA
RWE	RWEG.DE
Sacyr	SCYR.MC
Safran	SAF.PA
Sage Group	SGE.L
Saint-Gobain	SJOB.PA
Saipem	SPMI.MI
Salesforce	CRM.N
Salvatore Ferragamo Group	SFER.MI
Salzgitter	SZGG.DE
Samhallsbyggnadsbolaget I Norden AB (SBB)	SBBb.ST
Sampo	SAMPO.HE
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	SBSTA.OL
Schindler	SCHP.S
Schlumberger	SLB.N
Schneider	SCHN.PA
Schroders	SDR.L
Scor	SCOR.PA
Scout24	G24n.DE
Sadrill	SDRL.OL
SEB	SEBa.ST
Securitas AB	SECUb.ST
Segro PLC	SGRO.L
Sempra Energy	SRE.N
Senior PLC	SNR.L
SES	SESFd.PA
Severn Trent	SVT.L
SGS	SGSN.S
Shaftesbury	SHB.L
Sherwin-Williams	SHW.N
Shurgard Self-Storage SA	SHUR.BR
Siemens	SIEGn.DE
Siemens Gamesa RE	SGREN.MC
Signet Jewelers Limited	SIG.N
Signify	LIGHT.AS
Sika AG	SIKA.S
Simon Property Group	SPG.N
Singapore Airlines Limited	SIAL.SI
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
Solvay SA	SOLB.BR
Somfy	DAMA.PA
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
Sparebank 1 SR	SRBANK.OL
Spark Energy	SPKE.OQ
Spie	SPIE.PA
Spirent	SPT.L
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	SLA.L
STMicroelectronics	STM.PA
StoreBrand	STB.OL
STRABAG SE	STRV.VI
Straumann Holding	STMN.S
Subsea 7	SUBC.OL
Suedzucker	SZUG.DE
Suez	SEVI.PA
Sunpower	SPWR.OQ
Svenska Handelsbanken	SHBa.ST
Swatch Group	UHR.S
Swedbank	SWEDa.ST
Swedish Match	SWMA.ST
Swiss Life	SLHN.S
Swiss RE	SRENH.S
Swisscom	SCMN.S
Sydbank	SYDB.CO
Symrise	SY1G.DE
Synchrony Financial	SYF.N
TAKEAWAY.COM	TKWY.AS
Talanx	TLXGn.DE
TalkTalk	TALK.L
Target	TGT.N
Tate & Lyle plc	TATE.L
Tauron	TPE.WA
TechnipFMC	FTI.N
Teekay Corporation	TK.N
Tele2	TEL2b.ST
Telecom Italia Spa	TLIT.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
Tellurian Inc	TELL.OQ
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
Thyssenkrupp	TKAG.DE
Tiffany & Co	TIF.N
Tikehau Capital	TKOO.PA
T-Mobile US	TMUS.OQ
TNT Post Group	PTNL.AS
Tod's SPA	TOD.MI
Toll Brothers	TOL.N
TomTom	TOM2.AS
Total	TOTF.PA
TP Icap	TCAPI.L
Transocean	RIG.N
Traton SE	8TRA.DE
Travelers Inc	TRV.N
Travis Perkins	TPK.L
Trigano	TRIA.PA
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	UCB.BR
UGI CORP	UGI.N
Unibail-Rodamco-Westfield	URW.AS
UNICAJA	UNI.MC
UniCredit SpA	CRDI.MI

Unilever NV	UNA.AS
Uniper	UN01.DE
Unipol Gruppo	UNPI.MI
UnipolSai	US.MI
Uniq	UNIQ.VI
United Internet	UTDI.DE
United Overseas Bank Ltd	UOBH.SI
United Parcel Service	UPS.N
United Utilities	UU.L
UPM-Kymmene	UPM.HE
Valeo	VLOF.PA
Valero Energy Corp.	VLO.N
Vallourec	VLLP.PA
Veolia Environnement	VIE.PA
Verallia	VRLA.PA
Verbund	VERB.VI
Verizon	VZ.N
Vestas Wind Systems	VWS.CO
ViacomCBS Inc	VIACA.OQ
Vicat	VCTP.PA
Vienna Insurance Group	VIGR.VI
Vinci	SGEF.PA
Virgin Money UK	VMUK.L
Viscofan SA	VIS.MC
Vivendi	VIV.PA
Vodafone	VOD.L
Voestalpine AG	VOES.VI
Volkswagen	VOWG_p.DE
Volvo	VOLVb.ST
Vonovia SE	VNAn.DE
Vontobel	VONN.S
Vornado Realty	VNO.N
W&T Offshore	WTI.N
Wabco	WBC.N
Wabtec	WAB.N
Wacker Chemie	WCHG.DE
WalMart	WMT.N
Warsaw Stock Exchange	GPW.WA
Waste Management	WM.N
Weir Group	WEIR.L
Wells Fargo & Co.	WFC.N
Wendel	MWDP.PA
Wereldhave	WEHA.AS
Western Union	WU.N
Whitbread	WTB.L
Whiting Petroleum	WLL.N

William Demant	DEMANT.CO
William Hill	WMH.L
Williams Companies	WMB.N
Wirecard	WDIG.DE
Wizz Air	WIZZ.L
WM Morrison	MRW.L
Wolters Kluwer	WLSNc.AS
Worldline	WLN.PA
WPP Group	WPP.L
WPX Energy	WPX.N
Xerox	XRX.N
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)***

Aabar Investments PJS	nocode0460
ABB FINANCE B.V.	nocode0436
Abbott Ireland Financing DAC	nocode0358
AbbVie	ABBV.N
Abertis	ABE.MC
Accor	ACCP.PA
Acea Spa	ACE.MI
Achmea	nocode55
ACS	ACS.MC
Adif Alta Velocidad	nocode026
Adobe Inc	ADBE.O
Aegon Bank	nocode382
AerCap Global Aviation Trust	nocode0307
AerCap Ireland Capital DAC	nocode0306
Aéroports de Paris	ADP.PA
AES Corporation	AES.N
African Development Bank	nocode788
Ageas	AGES.BR
Agence Francaise de Developpement	nocode746
Ahold Delhaize	AD.AS
AIG	AIG.N
Air Lease Corporation	AL.N
Air Liquide	AIRP.PA
Airbus Group	AIR.PA
Allied Universal Holdco LLC	nocode0471
Alstom	ALSO.PA

Altarea Cogedim	IMAF.PA
Altice Financing SA	nocode0532
Altice France	nocode0322
Altice Luxembourg SA	nocode674
Amadeus IT Holding	AMA.MC
AMCO Asset Management Company S.p.A.	nocode543
American Honda Finance Corp	nocode104
American Tower Corporation	AMT.N
Anadarko Petroleum Corp	APC.N
Anheuser-Busch InBev	ABI.BR
Anheuser-Busch InBev Worldwide Inc	nocode658
Apache Corp	APA.N
Apollo Global Management LLC	APO.N
ArcelorMittal	MT.AS
Ares Capital Corporation	ARCC.O
Arkema	AKE.PA
Aroundtown S.A.	AT1.DE
Assic Generali spa	GASI.MI
ASTM	ATMI.MI
AT&T Inc	T.N
Atos	ATOS.PA
Auchan	AUCH_SG
AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED	ANZ.AX
Autoroutes Paris-Rhin-Rhone	APRR.PA
AVIS BUDGET GROUP	CAR.O
Avolon Holdings Funding Limited	nocode0403
Axa Bank Europe SCF	nocode0550
AXA HOME LOAN SFH	nocode0473
Azure Power Energy	nocode88819
Azure Power Solar Energy Private Ltd	nocode0452
Baker Hughes a GE Company	BHGE.N
Banca Del Mezzogiorno	nocode0328
Banca MPS	BMPS.MI
BANCA POPOLARE DELL'ALTO ADIGE	nocode325
Banca Popolare di Sondrio	BPSI.MI
Banco BPM	BAMI.MI
Banco de Sabadell	SABE.MC
Banco di Desio e della Brianza	DESI.MI
Banco Santander	SAN.MC
Banijay Group	nocode994
Bank Nederlandse Gemeenten	nocode748
Bank of America	BAC.N
Bank of Ireland	BIRG.I
Bank of Montreal	BMO.TO
Bank of New York Mellon	BK.N
Bank of Nova Scotia	BNS.TO

Bankinter	BKT.MC
Banque Federative du Credit Mutuel (BFCM)	nocode415
Barclays	BARC.L
BAWAG P.S.K.	nocode0310
Bayer AG	BAYGn.DE
BBVA	BBVA.MC
Belfius bank	nocode0421
Bertelsmann	BTGGg.F
BLACK SEA TRADE AND DEVELOPMENT BANK (BSTDB)	nocode923
Blackstone	BX.N
Blackstone Holdings Finance Co. L.L.C.	nocode0103
BLACKSTONE PROPERTY PARTNERS EUROPE HOLDINGS SARL	nocode0416
BMW	BMWG.DE
BMW Finance NV	nocode0414
Boeing	BA.N
Bolsas y Mercados Españoles	BME.MC
Bombardier	BBDb.TO
Boston Scientific Corp	BSX.N
Bourbon	GPBN.PA
Bouygues	BOUY.PA
BP	BP.L
BP Capital Markets America	nocode0378
BP Capital Markets PLC	nocode9912
British American Tobacco	BATS.L
Brookfield Finance Inc	nocode549
BT Group	BT.L
Budweiser Brewing Company	nocode0477
Bureau Veritas	BVI.PA
Cable & Wireless Communications	CWC.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
Caixa Geral de Depositos	nocode64
California Resources Corp	CRC.N
Canadian Imperial Bank of Commerce	CM.TO
Capgemini	CAPP.PA
Cargill Inc	nocode346
Carlsberg	CARLb.CO
Carlyle Finance LLC	nocode0498
Carrefour	CARR.PA
Carrefour Banque	nocode91
Carrier Global Corporation	nocode698
Casino	CASP.PA
Cassa Depositi e Prestiti	nocode058
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N



CBOM Finance	nocode9970
CDC	nocode747
Ceetrus SA	nocode317
Cellnex	CLNX.MC
Celtic Resources Holdings Ltd	nocode0483
CEPSA FINANCE	nocode0541
CEZ	CEZP.PR
Cheniere Corpus Christi Holdings, LLC	nocode962
Cheniere Energy Partners, L.P.	CQP.A
Chevron	CVX.N
China Construction Bank Luxembourg Branch	nocode643
China Hongqiao Group Ltd	1378.HK
China Mengniu Dairy Co Ltd	2319.HK
CIMB Bank Berhad's	nocode0501
CIR	CIR.MI
Citigroup	C.N
CM-CIC	nocode365
CNH Industrial	CNHI.N
CNOOC	883.HK
CNOOC Finance (2013) Limited	nocode0504
CNP Assurances	CNPP.PA
Coca-Cola Hellenic	CCH.L
COFIDE	COFI.MI
Cofina SGPS SA	CFN.LS
Comcast Corporation	CMCSA.OQ
Comstock Resources	CRK.N
Consolis	nocode0343
Covivio Hotels	COVH.PA
CPI Property Group	O5G.DE
Credit Agricole SFH	nocode003
Credit Bank of Moscow	CBOM.MM
Credit Immobilier de France	nocode69
Credit Suisse	CSGN.S
Crown Castle International	CCI.N
Daimler	DAIGn.DE
Danske Bank	DANSKE.CO
Dassault Systèmes	DAST.PA
Dell Bank International	nocode0510
Dell Technologies Inc.	DELL.N
Deutsche Bahn Finance GMBH	nocode0533
Deutsche Post AG	DPWGn.DE
Development Bank of Kazakhstan	nocode0278
Development Bank Of Singapore (DBS)	DBSM.SI
Dexia Credit Local	DCL_SG
Digital Virgo SAS	nocode0282
Discover Bank	nocode0500

Disney	DIS.N
Domicil Real Estate AG	nocode0515
Dominion Energy Gas Holdings, LLC	nocode363
DOOSAN INFRACORE CO LTD	042670.KS
DowDuPont Inc.	DWDP.N
DP World	DPWD.L
DP World Crescent Limited	nocode0506
EASTERN POWER NETWORKS PLC	nocode0524
Edenred	EDEN.PA
EDF	EDF.PA
EDP Finance BV	nocode0314
EFSF	nocode733
Eircom Finance DAC	nocode654
Electricity Supply Board	nocode387
Elis	ELIS.PA
Emirates NBD	ENBD.DU
Endeavor Energy Resources, L.P.	nocode0522
Enel	ENEI.MI
Enel Finance International SA	nocode400
Energear Oil & Gas	ENOG.L
Energias de Portugal	EDP.LS
Engie	ENGIE.PA
Eni	ENI.MI
ENTERPRISE PRODUCTS OPERATING LP	nocode842
Enterprise Products Partners LP	EPD.N
Eon	EONGn.DE
EP Infrastructure	ENAPHO
Eramet	ERMT.PA
Erste Group	ERST.VI
EssilorLuxottica	ESLX.PA
Estée Lauder	EL.N
EUROFIMA	nocode758
Euronext	ENX.PA
Europcar Mobility Group	EUCAR.PA
Eutelsat	ETL.PA
Evonik	EVKn.DE
Experian	EXPN.L
EXPERIAN FINANCE PLC	nocode0560
EXPORT IMPORT BANK OF KOREA (KEXIM)	nocode040
ExxonMobil	XOM.N
Faurecia	EPED.PA
F-Brasile SpA	nocode0489
F-Brasile US LLC	nocode0486
FCA	FCHA.MI
FCC Servicios Medio Ambiente Holding SAU	nocode0525
FDJ	FDJ.PA

Ferrovial	FER.MC
First Quantum Minerals LTD	FM.TO
FLEMISH COMMUNITY	FLEMI_CFT
Fnac Darty	FNAC.PA
Fondo de Amortizacion del Deficit Electrico	nocode751
Ford Motor Co	F.N
Ford Motor Credit company	nocode151
Fresenius Medical Care AG & Co KGAA	FMEG.DE
Frey Sa	FREY.PA
FS KKR Capital	nocode379
Galp Energia	GALP.LS
Gateway Real Estate	GTYG.DE
Gecina	GFCP.PA
Gefco SA	nocode0259
General Mills, Inc.	GIS.N
General Motors	GM.N
GENERAL MOTORS FINANCIAL	nocode9976
GFH Financial Group BSC	GFHK.KW
Glencore	GLEN.L
Glencore Finance (Europe) Ltd	nocode0495
GLOBAL PARTNERS LP	GLP.N
Godaddy Inc	GDDY.N
GOVERNMENT OF SLOVAKIA	nocode9994
Gran Tierra Energy	GTE.A
Grupo Media Capital SGPS SA	MCP.LS
Grupo Prisa	PRS.MC
GTLK EUROPE DAC	nocode9975
Halliburton	HAL.N
HBIS Group Co., Ltd	nocode0519
HBIS Group Hong Kong Co., Ltd	nocode0518
Hellenic Republic of Greece	nocode0397
Henkel	HNKG_p.DE
Hewlett Packard Enterprise Co	HPE.N
Hochtief	HOTG.DE
Holcim Finance	nocode0435
Holding d'Infrastructure de Transport (HIT)	nocode90
Home Credit	nocode9997
Honeywell International	HON.N
HYUNDAI CAPITAL AMERICA	nocode141
IAC/INTERACTIVE CORP	IAC.O
IBM	IBM.N
Icade	ICAD.PA
Icade Sante	nocode0503
IDB TRUST SERVICES LTD	nocode678
IGT	IGT.N
Ile-de-France Mobilités	nocode0432

Iliad	ILD.PA
Illinois Tool Works Inc	ITW.N
IN'LI	nocode495
INDIGO GROUP	nocode0245
Industrial & Commercial Bank of China	1398.HK
Industrial and Commercial Bank of China Ltd., Luxembourg Branch	nocode0381
ING Bank NV	INGs.AS
ING-DiBa	nocode0461
Ingenico Group	INGC.PA
Instituto de Credito Oficial	nocode750
Intermediate Capital Group	ICP.L
International Bank for Reconstruction and Development	nocode762
Intesa Sanpaolo	ISP.MI
Invitalia	nocode0329
Iren SpA	IREE.MI
ISLAMIC DEVELOPMENT BANK	nocode416
Italgas	IG.MI
JCDecaux	JCDX.PA
JPMorgan Chase & Co.	JPM.N
Kapla	nocode0520
KBC	KBC.BR
KEB HANA BANK	004940.KS
Kering	PRTP.PA
KFW	nocode455
Kiloutou	nocode0521
KINGDOM OF SPAIN	nocode541
KKR REIGN I LLC	nocode0455
KKR REIGN I LTD	nocode0454
Klépierre	LOIM.PA
Kookmin Bank	060000.KS
KOREA HOUSING FINANCE CORPORATION	KHFC_CFT
Korea Water Resources	nocode0242
La Banque Postale	RIC_LBP
La Poste	LAPST
LafargeHolcim	LHN.PA
Lagardère	LAGA.PA
LAND NRW	nocode0400
Landesbank Hessen Thueringen Girozentrale	LHTGg.F
Laredo Petroleum Holdings Inc	LPI.N
LB Baden Wurttemberg	LBB_SG
Le Belier SA	LBEL.PA
Lear Corp.	nocode457832
Leaseplan Corporation NV	nocode128
Leaseplan Finance NV	nocode129
LEG Immobilien AG	LEGn.DE
Legrand	LEGD.PA

Linde Finance BV	nocode0570
Loxam	nocode9961
Lukoil	LKOHyq.L
LVMH	LVMH.PA
Magnitogorsk Steel	MAGNq.L
Mamoura Diversified Global Holding PJSC	nocode942
Mastercard Inc	MA.N
Match Group	MTCH.OQ
Matterhorn Telecom Holding SA	nocode033
McDonald's	MCD.N
Medidata solutions	MDSO.OQ
Mediobanca Spa	MDBI.MI
Merck Financial Services	nocode0476
Merck KGaA	MRCG.DE
Merlin Properties	MRL.MC
MetLife Inc	MET.N
Ministry of Finance Montenegro	nocode0547
Ministry of Finance of Saudi Arabia	nocode0474
Ministry of Public finance of Romania	nocode201
Mitsubishi UFJ Financial Group	8306.T
Mizuho Financial Group	8411.T
MMC Finance Ltd	nocode0511
MMS USA Financing	nocode0467
Mondelez International	MDLZ.OQ
Morgan Stanley	MS.N
Moss Creek Resources LLC	nocode0451
Muenchener Hypothekenbank	nocode405
Municipality Finance	nocode 208
Murphy Oil	MUR.N
My Money Bank S.A	nocode0350
National Grid Electricity Transmission PLC	nocode0497
Nationale Nederlanden Bank N.V	nocode0345
Naturgy	NTGY.MC
Naturgy Finance BV	nocode461
NE Property Cooperatief U.A.	nocode0445
Neoen	NEOEN.PA
Neptune Energy Bondco PLC	nocode0463
Nestlé SA	NESN.S
New York Life Insurance	nocode924
Newlat Food	NWLF.MI
NextEra Energy Capital Holdings, Inc.	nocode0513
NGG Finance Plc	nocode0494
Nidda Healthcare Holding GmbH	nocode639
Noble Energy	NBL.N
Nomura Holdings Inc	8604.T
Nordea	NDAFI.HE

Norilsk Nickel	NKELYq.L
Norwegian Cruise Line	NCLH.OQ
Novartis Capital Corp	nocode0544
Novelis Corporation	nocode5893
Novolipetsk Steel	NLMKq.L
Occidental Petroleum Corporation	OXY.N
OCI	OCI.AS
OHL	OHL.MC
OMERS Administration Corporation	nocode0563
Omnicom Finance Holdings Plc	nocode476
OMV	OMVV.VI
OneMain Financial Holdings, LLC	nocode0294
OP Mortgage Bank	nocode276
Orange	ORAN.PA
Orano	nocode401
Orbis	ORBS.WA
Orpea	ORP.PA
Otis Worldwide Corporation	nocode0548
Owl Rock Capital Corp	nocode0311
PBF Energy	PBF.N
Pennon Group	PNN.L
PepsiCo	PEP.N
Pernod Ricard	PERP.PA
Philip Morris International	PM.N
Philips	PHG.AS
PJSC Chelyabinsk Pipe Plant	nocode0496
PJSC State Transport Leasing Company (STLC)	nocode0420
PPF Telecom Group B.V	nocode0426
PPG Industries	PPG.N
Province of British Columbia	nocode0505
Province of Quebec	nocode0514
Prudential	PRU.L
Prudential Financial	PRU.N
PSA Banque France	nocode0437
PSA Group	PEUP.PA
PT MEDCO ENERGI INTERNASIONAL TBK	PTGIF.PK
PTTEP Canada International Finance Limited	nocode653
PTTEP Treasury Center Company Limited	nocode659
Publicis Groupe	PUBP.PA
Puma	PUMG.DE
Quadiant	QDT.PA
QVC Inc	nocode051
Rabobank	RABN.UL
Raiffeisen Bank International	RBIV.VI
Range Resources	RRC.N
RATP (REGIE AUTONOME DES TRANSPORTS PARISIENS)	nocode344

RCI BANK AND SERVICES	nocode79
Reliance Holding USA Inc.	nocode0484
Reliance Industries Ltd	RELI.BO
Renault	RENA.PA
Repsol	REP.MC
Repsol International Finance BV	nocode0559
REPUBLIC OF AUSTRIA	nocode972
Republic of Chile	nocode0472
Republic of Cyprus	nocode0523
Republic of Indonesia	INDON_CFT
Republic of Ireland	nocode0399
Republic of Kazakhstan	nocode0492
Republic of Portugal	nocode978
Republic of Turkey	nocode642
RONGSHI INTERNATIONAL FINANCE LTD	nocode0448
Rossini S.A.R.L	nocode0372
Royal Bank of Canada	RY.TO
Royal Caribbean Cruises Ltd	RCL.N
Rubis	RUBF.PA
Rubis Terminal Infra	nocode848
Sabine Pass Liquefaction, LLC	SPL
SABLE INTERNATIONAL FINANCE LIMITED	nocode0537
Safran	SAF.PA
Saint-Gobain	SGOB.PA
Sanofi	SASY.PA
Santander Consumer Finance	nocode0470
SAP	SAPG.DE
Saudi Arabian Oil Company	2222.SR
Sazka	nocode0232
Schlumberger	SLB.N
SCHLUMBERGER FINANCE BV	nocode542
Schneider	SCHN.PA
SES	SESFd.PA
Shinhan Bank	nocode0491
Simon Property Group	SPG.N
Sinopec	0386.HK
SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED	nocode0342
Snam	SRG.MI
SNCF Mobilités	nocode99665
SNCF RESEAU	nocode745
SOCIETA INIZIATIVE AUTOSTRADALI E SERVIZI – SIAS	SIS.MI
Societe du Grand Paris	nocode0357
Sodexo	EXHO.PA
Soitec	SOIT.PA
Spie	SPIE.PA
Springleaf Finance	nocode99666

STADA Arzneimittel AG	STAGN.H
Standard Chartered	STAN.L
State Development & Investment Corp Ltd (SDIC)	nocode943
State Of Belgium	STBEL_CFT
State of Latvia	nocode870
STATE OF OMAN	nocode069
Steel Capital SA	nocode819
Suez	SEVI.PA
Sumitomo Corporation	8053.T
Sumitomo Mitsui Financial Group Inc	8316.T
Svenska Handelsbanken	SHBa.ST
Synchrony Financial	SYF.N
TAKEAWAY.COM	TKWY.AS
Taqa	TAQA.AD
TechnipFMC	FTI.N
Telecom Italia Spa	TLIT.MI
Telefonica Europe	nocode0428
Telefonica SA	TEF.MC
Terega SA	nocode0410
Terna	TRN.MI
TESLA INC	TSLA.OQ
Thales	TCFP.PA
THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC	nocode0527
The Grand Duchy of Luxembourg	nocode508
The House of Finance NV	nocode507
The Republic of Belarus	nocode651
The Republic of Finland	nocode462
Three Gorges Finance I (Cayman Islands) Limited	nocode0516
Tikehau Capital	TKOO.PA
T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Total	TOTF.PA
Total Capital International	nocode548
Toyota Finance Australia Limited	nocode0433
Toyota Motor Credit Corporation	nocode861
Traton SE	8TRA.DE
UBI Banca	UBI.MI
Ubisoft	UBIP.PA
UBS AG	UBSG.S
Unedic	nocode744
Unibail-Rodamco-Westfield	URW.AS
UniCredit Bank AG HVB	nocode0456
UniCredit SpA	CRDI.MI
United Parcel Service	UPS.N
UPL Corporation Limited	nocode0545
Uralkali	URKA.MM



URALKALI FINANCE DAC	nocode0402
Vakifbank	VAKBN.IS
Vallourec	VLLP.PA
Vattenfall	VATT_SG
Veolia Environnement	VIE.PA
VEON HOLDINGS B.V.	nocode0493
Verallia	VRLA.PA
ViacomCBS Inc	VIACA.OQ
Vinci	SGEF.PA
Vivendi	VIV.PA
Vodafone	VOD.L
VodafoneZiggo	ZIGGO.AS
Volkswagen	VOWG_p.DE
Volvo Treasury AB	nocode0538
Vonovia Finance BV	nocode645
Vonovia SE	VNAn.DE
Wanda Sports	nocode0453
Warner Music Group Corp	nocode0543
WEA Finance LLC	nocode0351
Wells Fargo & Co.	WFC.N
Wendel	MWDP.PA
Western Midstream Operating LP	nocode957
Wintershall DEA	nocode0466
Wintershall Dea Finance BV	nocode399
WOORI BANK	nocode078
Worldline	WLN.PA
Yichang High-Tech Investment Development Co., Ltd	Nocode0302
Ziggo BV	nocode652

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

Aabar Investments PJS	nocode0460
ABB FINANCE B.V.	nocode0436
Abbott Ireland Financing DAC	nocode0358
AbbVie	ABBV.N
Abertis	ABE.MC
Accor	ACCP.PA
Acea Spa	ACE.MI
Achmea	nocode55
ACS	ACS.MC
Adif Alta Velocidad	nocode026
Adobe Inc	ADBE.O
Aegon Bank	nocode382
AerCap Global Aviation Trust	nocode0307
AerCap Ireland Capital DAC	nocode0306
Aéroports de Paris	ADP.PA
AES Corporation	AES.N

African Development Bank	nocode788
Ageas	AGES.BR
Agence Francaise de Developpement	nocode746
Ahold Delhaize	AD.AS
AIG	AIG.N
Air Lease Corporation	AL.N
Air Liquide	AIRP.PA
Airbus Group	AIR.PA
Allied Universal Holdco LLC	nocode0471
Alstom	ALSO.PA
Altarea Cogedim	IMAF.PA
Altice Financing SA	nocode0532
Altice France	nocode0322
Altice Luxembourg SA	nocode674
Amadeus IT Holding	AMA.MC
AMCO Asset Management Company S.p.A.	nocode543
American Honda Finance Corp	nocode104
American Tower Corporation	AMT.N
Anadarko Petroleum Corp	APC.N
Anheuser-Busch InBev	ABI.BR
Anheuser-Busch InBev Worldwide Inc	nocode658
Apache Corp	APA.N
Apollo Global Management LLC	APO.N
ArcelorMittal	MT.AS
Ares Capital Corporation	ARCC.O
Arkema	AKE.PA
Aroundtown S.A.	AT1.DE
Assic Generali spa	GASI.MI
AT&T Inc	T.N
Atos	ATOS.PA
Auchan	AUCH_SG
AUSTRALIA AND NEW ZEALAND BANKING GROUP LIMITED	ANZ.AX
Autoroutes Paris-Rhin-Rhone	APRR.PA
AVIS BUDGET GROUP	CAR.O
Avolon Holdings Funding Limited	nocode0403
Axa Bank Europe SCF	nocode0550
AXA HOME LOAN SFH	nocode0473
Azure Power Energy	nocode88819
Azure Power Solar Energy Private Ltd	nocode0452
Baker Hughes a GE Company	BHGE.N
Banca Del Mezzogiorno	nocode0328
Banca MPS	BMPS.MI
BANCA POPOLARE DELL'ALTO ADIGE	nocode325
Banca Popolare di Sondrio	BPSI.MI
Banco BPM	BAMI.MI
Banco de Sabadell	SABE.MC

Banco di Desio e della Brianza	DESI.MI
Banco Santander	SAN.MC
Banijay Group	nocode994
Bank Nederlandse Gemeenten	nocode748
Bank of America	BAC.N
Bank of Ireland	BIRG.I
Bank of Montreal	BMO.TO
Bank of New York Mellon	BK.N
Bank of Nova Scotia	BNS.TO
Bankinter	BKT.MC
Banque Federative du Credit Mutuel (BFCM)	nocode415
Barclays	BARC.L
BAWAG P.S.K.	nocode0310
Bayer AG	BAYGn.DE
BBVA	BBVA.MC
Belfius bank	nocode0421
Bertelsmann	BTGGg.F
BLACK SEA TRADE AND DEVELOPMENT BANK (BSTDB)	nocode923
Blackstone	BX.N
Blackstone Holdings Finance Co. L.L.C.	nocode0103
BLACKSTONE PROPERTY PARTNERS EUROPE HOLDINGSSARL	nocode0416
BMW	BMWG.DE
BMW Finance NV	nocode0414
Boeing	BA.N
Boston Scientific Corp	BSX.N
Bouygues	BOUY.PA
BP	BP.L
BP Capital Markets America	nocode0378
BP Capital Markets PLC	nocode9912
British American Tobacco	BATS.L
Brookfield Finance Inc	nocode549
BT Group	BT.L
Budweiser Brewing Company	nocode0477
Bureau Veritas	BVI.PA
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
Caixa Geral de Depositos	nocode64
California Resources Corp	CRC.N
Canadian Imperial Bank of Commerce	CM.TO
Capgemini	CAPP.PA
Cargill Inc	nocode346
Carlsberg	CARLb.CO
Carlyle Finance LLC	nocode0498
Carrefour	CARR.PA
Carrefour Banque	nocode91

Carrier Global Corporation	nocode698
Casino	CASP.PA
Cassa Depositi e Prestiti	nocode058
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N
CBOM Finance	nocode9970
CDC	nocode747
Ceetrus SA	nocode317
Cellnex	CLNX.MC
Celtic Resources Holdings Ltd	nocode0483
CEPSA FINANCE	nocode0541
Cheniere Corpus Christi Holdings, LLC	nocode962
Cheniere Energy Partners, L.P.	CQP.A
Chevron	CVX.N
China Construction Bank Luxembourg Branch	nocode643
China Hongqiao Group Ltd	1378.HK
China Mengniu Dairy Co Ltd	2319.HK
CIMB Bank Berhad's	nocode0501
Citigroup	C.N
CM-CIC	nocode365
CNH Industrial	CNHI.N
CNOOC	883.HK
CNOOC Finance (2013) Limited	nocode0504
CNP Assurances	CNPP.PA
Coca-Cola Hellenic	CCH.L
Comcast Corporation	CMCSA.OQ
Comstock Resources	CRK.N
Consolis	nocode0343
Covivio Hotels	COVH.PA
CPI Property Group	O5G.DE
Credit Agricole SFH	nocode003
Credit Bank of Moscow	CBOM.MM
Credit Immobilier de France	nocode69
Credit Suisse	CSGN.S
Crown Castle International	CCI.N
Daimler	DAIGn.DE
Danske Bank	DANSKE.CO
Dassault Systèmes	DAST.PA
Dell Bank International	nocode0510
Dell Technologies Inc.	DELL.N
Deutsche Bahn Finance GMBH	nocode0533
Deutsche Post AG	DPWGn.DE
Development Bank of Kazakhstan	nocode0278
Development Bank Of Singapore (DBS)	DBSM.SI
Dexia Credit Local	DCL_SG
Digital Virgo SAS	nocode0282

Discover Bank	nocode0500
Disney	DIS.N
Domicil Real Estate AG	nocode0515
Dominion Energy Gas Holdings, LLC	nocode363
DOOSAN INFRACORE CO LTD	042670.KS
DowDuPont Inc.	DWDP.N
DP World	DPWD.L
DP World Crescent Limited	nocode0506
EASTERN POWER NETWORKS PLC	nocode0524
Edenred	EDEN.PA
EDF	EDF.PA
EDP Finance BV	nocode0314
EFSF	nocode733
Eircom Finance DAC	nocode654
Electricity Supply Board	nocode387
Elis	ELIS.PA
Emirates NBD	ENBD.DU
Endeavor Energy Resources, L.P.	nocode0522
Enel	ENEI.MI
Enel Finance International SA	nocode400
Energias de Portugal	EDP.LS
Engie	ENGIE.PA
Eni	ENI.MI
ENTERPRISE PRODUCTS OPERATING LP	nocode842
Enterprise Products Partners LP	EPD.N
Eon	EONGn.DE
EP Infrastructure	ENAPHO
Eramet	ERMT.PA
Erste Group	ERST.VI
EssilorLuxottica	ESLX.PA
Estée Lauder	EL.N
EUROFIMA	nocode758
Euronext	ENX.PA
Europcar Mobility Group	EUCAR.PA
Eutelsat	ETL.PA
Evonik	EVKn.DE
Experian	EXP.N
EXPERIAN FINANCE PLC	nocode0560
EXPORT IMPORT BANK OF KOREA (KEXIM)	nocode040
ExxonMobil	XOM.N
Faurecia	EPED.PA
F-Brasile SpA	nocode0489
F-Brasile US LLC	nocode0486
FCC Servicios Medio Ambiente Holding SAU	nocode0525
FDJ	FDJ.PA
Ferrovial	FER.MC

First Quantum Minerals LTD	FM.TO
FLEMISH COMMUNITY	FLEMI_CFT
Fnac Darty	FNAC.PA
Fondo de Amortizacion del Deficit Electrico	nocode751
Ford Motor Co	F.N
Ford Motor Credit company	nocode151
Fresenius Medical Care AG & Co KGAA	FMEG.DE
Frey Sa	FREY.PA
FS KKR Capital	nocode379
Gateway Real Estate	GTYG.DE
Gecina	GFCP.PA
Gefco SA	nocode0259
General Mills, Inc.	GIS.N
General Motors	GM.N
GENERAL MOTORS FINANCIAL	nocode9976
GFH Financial Group BSC	GFHK.KW
Glencore	GLEN.L
Glencore Finance (Europe) Ltd	nocode0495
GLOBAL PARTNERS LP	GLP.N
Godaddy Inc	GDDY.N
GOVERNMENT OF SLOVAKIA	nocode9994
Gran Tierra Energy	GTE.A
GTLK EUROPE DAC	nocode9975
Halliburton	HAL.N
HBIS Group Co., Ltd	nocode0519
HBIS Group Hong Kong Co., Ltd	nocode0518
Hellenic Republic of Greece	nocode0397
Henkel	HNKG_p.DE
Hewlett Packard Enterprise Co	HPE.N
Hochtief	HOTG.DE
Holcim Finance	nocode0435
Holding d'Infrastructure de Transport (HIT)	nocode90
Home Credit	nocode9997
Honeywell International	HON.N
HYUNDAI CAPITAL AMERICA	nocode141
IAC/INTERACTIVE CORP	IAC.O
IBM	IBM.N
Icade	ICAD.PA
Icade Sante	nocode0503
IDB TRUST SERVICES LTD	nocode678
IGT	IGT.N
Ile-de-France Mobilités	nocode0432
Iliad	ILD.PA
Illinois Tool Works Inc	ITW.N
IN'LI	nocode495
INDIGO GROUP	nocode0245

Industrial & Commercial Bank of China	1398.HK
Industrial and Commercial Bank of China Ltd., Luxembourg Branch	nocode0381
ING Bank NV	INGs.AS
ING-DiBa	nocode0461
Instituto de Credito Oficial	nocode750
Intermediate Capital Group	ICP.L
International Bank for Reconstruction and Development	nocode762
Intesa Sanpaolo	ISP.MI
Invitalia	nocode0329
Iren SpA	IREE.MI
ISLAMIC DEVELOPMENT BANK	nocode416
Italgas	IG.MI
JCDecaux	JCDX.PA
JPMorgan Chase & Co.	JPM.N
Kapla	nocode0520
KBC	KBC.BR
KEB HANA BANK	004940.KS
Kering	PRTP.PA
KFW	nocode455
Kiloutou	nocode0521
KINGDOM OF SPAIN	nocode541
KKR REIGN I LLC	nocode0455
KKR REIGN I LTD	nocode0454
Klépierre	LOIM.PA
Kookmin Bank	060000.KS
KOREA HOUSING FINANCE CORPORATION	KHFC_CFT
Korea Water Resources	nocode0242
La Banque Postale	RIC_LBP
LafargeHolcim	LHN.PA
Lagardère	LAGA.PA
LAND NRW	nocode0400
Landesbank Hessen Thueringen Girozentrale	LHTGg.F
Laredo Petroleum Holdings Inc	LPI.N
LB Baden Wurttemberg	LBB_SG
Lear Corp.	nocode457832
Leaseplan Corporation NV	nocode128
Leaseplan Finance NV	nocode129
LEG Immobilien AG	LEGN.DE
Legrand	LEGD.PA
Linde Finance BV	nocode0570
Loxam	nocode9961
Lukoil	LKOHyq.L
LVMH	LVMH.PA
Magnitogorsk Steel	MAGNq.L
Mamoura Diversified Global Holding PJSC	nocode942
Mastercard Inc	MA.N

Match Group	MTCH.OQ
Matterhorn Telecom Holding SA	nocode033
McDonald's	MCD.N
Mediobanca Spa	MDBI.MI
Merck Financial Services	nocode0476
Merck KGaA	MRCG.DE
Merlin Properties	MRL.MC
MetLife Inc	MET.N
Ministry of Finance Montenegro	nocode0547
Ministry of Finance of Saudi Arabia	nocode0474
Ministry of Public finance of Romania	nocode201
Mitsubishi UFJ Financial Group	8306.T
Mizuho Financial Group	8411.T
MMC Finance Ltd	nocode0511
MMS USA Financing	nocode0467
Mondelez International	MDLZ.OQ
Morgan Stanley	MS.N
Moss Creek Resources LLC	nocode0451
Muenchener Hypothekenbank	nocode405
Municipality Finance	nocode 208
Murphy Oil	MUR.N
National Grid Electricity Transmission PLC	nocode0497
Nationale Nederlanden Bank N.V	nocode0345
Naturgy	NTGY.MC
Naturgy Finance BV	nocode461
NE Property Cooperatief U.A.	nocode0445
Neoen	NEOEN.PA
Neptune Energy Bondco PLC	nocode0463
Nestlé SA	NESN.S
New York Life Insurance	nocode924
Newlat Food	NWLF.MI
NextEra Energy Capital Holdings, Inc.	nocode0513
NGG Finance Plc	nocode0494
Nidda Healthcare Holding GmbH	nocode639
Noble Energy	NBL.N
Nomura Holdings Inc	8604.T
Nordea	NDAFI.HE
Norilsk Nickel	NKELYq.L
Norwegian Cruise Line	NCLH.OQ
Novartis Capital Corp	nocode0544
Novelis Corporation	nocode5893
Novolipetsk Steel	NLMKq.L
Occidental Petroleum Corporation	OXY.N
OCI	OCI.AS
OHL	OHL.MC
OMERS Administration Corporation	nocode0563



Omnicom Finance Holdings Plc	nocode476
OMV	OMVV.VI
OneMain Financial Holdings, LLC	nocode0294
OP Mortgage Bank	nocode276
Orange	ORAN.PA
Orano	nocode401
Orpea	ORP.PA
Otis Worldwide Corporation	nocode0548
Owl Rock Capital Corp	nocode0311
PBF Energy	PBF.N
PepsiCo	PEP.N
Pernod Ricard	PERP.PA
Philip Morris International	PM.N
Philips	PHG.AS
PJSC Chelyabinsk Pipe Plant	nocode0496
PJSC State Transport Leasing Company (STLC)	nocode0420
PPF Telecom Group B.V	nocode0426
PPG Industries	PPG.N
Province of British Columbia	nocode0505
Province of Quebec	nocode0514
Prudential	PRU.L
Prudential Financial	PRU.N
PSA Banque France	nocode0437
PSA Group	PEUP.PA
PT MEDCO ENERGI INTERNASIONAL TBK	PTGIF.PK
PTTEP Canada International Finance Limited	nocode653
PTTEP Treasury Center Company Limited	nocode659
Publicis Groupe	PUBP.PA
Puma	PUMG.DE
Quadiant	QDT.PA
QVC Inc	nocode051
Rabobank	RABN.UL
Raiffeisen Bank International	RBIV.VI
Range Resources	RRC.N
RATP (REGIE AUTONOME DES TRANSPORTS PARISIENS)	nocode344
RCI BANK AND SERVICES	nocode79
Repsol	REP.MC
Repsol International Finance BV	nocode0559
REPUBLIC OF AUSTRIA	nocode972
Republic of Chile	nocode0472
Republic of Cyprus	nocode0523
Republic of Indonesia	INDON_CFT
Republic of Ireland	nocode0399
Republic of Kazakhstan	nocode0492
Republic of Portugal	nocode978
Republic of Turkey	nocode642

RONGSHI INTERNATIONAL FINANCE LTD	nocode0448
Rossini S.A.R.L	nocode0372
Royal Bank of Canada	RY.TO
Royal Caribbean Cruises Ltd	RCL.N
Rubis	RUBF.PA
Rubis Terminal Infra	nocode848
Sabine Pass Liquefaction, LLC	SPL
Safran	SAF.PA
Saint-Gobain	SGOB.PA
Sanofi	SASY.PA
Santander Consumer Finance	nocode0470
SAP	SAPG.DE
Saudi Arabian Oil Company	2222.SR
Sazka	nocode0232
Schlumberger	SLB.N
SCHLUMBERGER FINANCE BV	nocode542
Schneider	SCHN.PA
SES	SESFd.PA
Shinhan Bank	nocode0491
Simon Property Group	SPG.N
Sinopec	0386.HK
SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED	nocode0342
Snam	SRG.MI
SNCF Mobilités	nocode99665
SNCF RESEAU	nocode745
Societe du Grand Paris	nocode0357
Société Générale	SOGN.PA
Sodexo	EXHO.PA
Soitec	SOIT.PA
Spie	SPIE.PA
Springleaf Finance	nocode99666
STADA Arzneimittel AG	STAGN.H
Standard Chartered	STAN.L
State Development & Investment Corp Ltd (SDIC)	nocode943
State Of Belgium	STBEL_CFT
State of Latvia	nocode870
STATE OF OMAN	nocode069
Steel Capital SA	nocode819
Suez	SEVI.PA
Sumitomo Corporation	8053.T
Sumitomo Mitsui Financial Group Inc	8316.T
Svenska Handelsbanken	SHBa.ST
Synchrony Financial	SYF.N
TAKEAWAY.COM	TKWY.AS
Taqa	TAQA.AD
Telecom Italia Spa	TLIT.MI

Telefonica Europe	nocode0428
Telefonica SA	TEF.MC
Terega SA	nocode0410
Terna	TRN.MI
TESLA INC	TSLA.OQ
Thales	TCFP.PA
THE FEDERATION DES CAISSES DESJARDINS DU QUEBEC	nocode0527
The Grand Duchy of Luxembourg	nocode508
The House of Finance NV	nocode507
The Republic of Belarus	nocode651
The Republic of Finland	nocode462
Three Gorges Finance I (Cayman Islands) Limited	nocode0516
Tikehau Capital	TKOO.PA
T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Total	TOTF.PA
Total Capital International	nocode548
Toyota Finance Australia Limited	nocode0433
Toyota Motor Credit Corporation	nocode861
Traton SE	8TRA.DE
UBI Banca	UBI.MI
Ubisoft	UBIP.PA
UBS AG	UBSG.S
Unedic	nocode744
Unibail-Rodamco-Westfield	URW.AS
UniCredit Bank AG HVB	nocode0456
UniCredit SpA	CRDI.MI
United Parcel Service	UPS.N
UPL Corporation Limited	nocode0545
Uralkali	URKA.MM
URALKALI FINANCE DAC	nocode0402
Vakifbank	VAKBN.IS
Vallourec	VLLP.PA
Vattenfall	VATT_SG
Veolia Environnement	VIE.PA
VEON HOLDINGS B.V.	nocode0493
Verallia	VRLA.PA
ViacomCBS Inc	VIACA.OQ
Vinci	SGEF.PA
Vivendi	VIV.PA
Vodafone	VOD.L
VodafoneZiggo	ZIGGO.AS
Volkswagen	VOWG_p.DE
Volvo Treasury AB	nocode0538
Vonovia Finance BV	nocode645
Vonovia SE	VNAn.DE

Wanda Sports	nocode0453
Warner Music Group Corp	nocode0543
WEA Finance LLC	nocode0351
Wells Fargo & Co.	WFC.N
Wendel	MWDP.PA
Western Midstream Operating LP	nocode957
Wintershall DEA	nocode0466
Wintershall Dea Finance BV	nocode399
WOORI BANK	nocode078
Worldline	WLN.PA
Yichang High-Tech Investment Development Co., Ltd	Nocode0302
Ziggo BV	nocode652

***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
BRD	ROBRD.BX
BURSA DE VALORI BUCURESTI SA	caveat1025
Carmila	CARM.PA
Covivio Hotels	COVH.PA
EQDOM	EQDM.CS
Euronext	ENX.PA
Frey Sa	FREY.PA
Komerčni Banka	BKOM.PR
Rosbank	ROSB.MM
Selectirente S.A	SELER.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

Abbott Laboratories	ABT.N
AbbVie	ABBV.N
Aberdeen Asset Management	ADN.L
Abertis	ABE.MC
ABN Amro	ABNd.AS
Accor	ACCP.PA
Acea Spa	ACE.MI
Achmea	nocode55
ACS	ACS.MC
ACS Servicios Comunicaciones y Energia SA	nocode675
Actelion	ATLN.S
Adecco	ADEN.S
Aegon	AEGN.AS
Aegon Bank	nocode382
AERCAP HOLDINGS NV	AER.N
Aéroports de Paris	ADP.PA
AES Corporation	AES.N
AES GENER SA	nocode532
African Development Bank	nocode788
AG Insurance	nocode0430
Ageas	AGES.BR
Ahold Delhaize	AD.AS
AIG	AIG.N
Air France-KLM	AIRF.PA
Air Liquide	AIRP.PA
Air Products	APD.N
Airbus Group	AIR.PA
Airgas	ARG.N
Akelius	nocode0557
AkzoNobel	AKZO.AS
Albioma	ABIO.PA
ALD Automotive	ALDA.PA
Alleanza Assicurazioni	ALZI.MI
Alliance & Leicester	ALLL.L
Alliander NV	nocode023
Allianz SE	ALVG.DE
Allied Domecq	ALLD.L
Allied Irish Banks	AIBG.I
Ally Financial	ALLY.N
Altadis	ALT.MC
Altarea Cogedim	IMAF.PA
Altedia	TLA.PA
Altice Europe NV	ATCA.AS
Altice Finco SA	nocode673
Altice France	nocode0322
Altice International	nocode062

Altice USA	ATUS.N
Altran Technologies	ALTT.PA
Altria	MO.N
Amazon	AMZN.OQ
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
Amundi	AMUN.PA
Anglo American	AAL.L
Anheuser-Busch InBev	ABI.BR
Anheuser-Busch InBev Worldwide Inc	nocode658
Apple	AAPL.OQ
Aptiv PLC	APT.V.N
Arcelor S.A. (Lor.Pa)	nocode95
ArcelorMittal	MT.AS
Arcelormittal Mines Canada	nocode533
Arkema	AKE.PA
Aroundtown S.A.	AT1.DE
Arval	nocode7721
Assic Generali spa	GASI.MI
ASSICURAZIONI GENERALI	nocode00027
AstraZeneca	AZN.L
Auchan	AUCH_SG
Aufeminin.com	OFMN.PA
Autogrill	AGL.MI
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
Aviva	AV.L
Avnet	AVT.N
AW Billiton 2	AWBLT_SG
Axa	AXAF.PA
AXA BANK Belgium	nocode9986
Axa Banque France	nocode671
Banca Nazionale del Lavoro	BANI.MI
Banca Popolare di Milano	PMII.MI
Banca Popolare di Verona	nocode58
Banca Popolare di Vicenza	nocode373
Banco CAM	CAM.MC
Banco de Credito Local de Espana	nocode110
Banco de Sabadell	SABE.MC
Banco de Valencia	BVA.MC

Banco Pastor	PAS.MC
Banco Popular	POP.MC
Banco Portugues de Investimento	BBPI.LS
Banco Santander	SAN.MC
Banco Santander Totta	nocode9973
Banijay Group	nocode994
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 Westfaelische Landschaft Bodenkreditbank	nocode576
Bankia	BKIA.MC
Bankinter	BKT.MC
Banque Accord	nocode105
Banque Federative du Credit Mutuel (BFCM)	nocode415
Banque PSA	nocode60
Barclays	BARC.L
BASF SE	BASFn.DE
Bawag	BAWA.AS
BAWAG P.S.K.	nocode0310
Bayer AG	BAYGn.DE
BBVA	BBVA.MC
Beijing Gas Group Company Limited	nocode189
Belfius bank	nocode0421
Bertelsmann	BTGGg.F
BG Group	BG.L
BHF KLEINWORT BENSON	BHFKB.BR
BHP Billiton plc	BHPB.L
Biostime International Holdings Ltd	1112.HK
Blackstone	BX.N
Blackstone Holdings Finance Co. L.L.C.	nocode0103
BMW	BMWG.DE
BMW Australia Limited	nocode159
BNP Paribas	BNPP.PA
BNP PARIBAS CARDIF	nocode872
Boston Scientific Corp	BSX.N
Boursorama	FMTX.PA
Bouygues	BOUY.PA
BP	BP.L
BP Capital Markets PLC	nocode9912
BP MIDSTREAM PARTNERS	nocode1000
BPCE	BPCE.FR
BPVN	BPVN.MI
BRD	ROBRD.BX

Bristol Myers Squibb	BMY.N
British American Tobacco	BATS.L
Broadcom Inc	BRCM.OQ
Brooklyn Union Gas	nocode273
BT Group	BT.L
Budimex	BDMXY.PK
Bulgari	BULG.MI
Bureau Veritas	BVI.PA
Cablevision	CVC.N
CADES (Caisse d'amortissement de la dette sociale)	nocode313
Caixabank	CABK.MC
Caja de Ahorros Minicipal de Burgos	nocode66
Canadian Natural Resources	CNQ.TO
Canal de Isabel II	nocode028
Capgemini	CAPP.PA
Capitalia	CPTA.MI
Cardety	CARD.PA
Carlsberg	CARLb.CO
Carmila	CARM.PA
Carrefour	CARR.PA
Carrefour Banque	nocode91
Carrefour Property	CARPD.PA
Carrier Global Corporation	nocode698
Casino	CASP.PA
Catalunya Caixa	CC_SG
Caterpillar Financial Services Corp	nocode327
Caterpillar Inc	CAT.N
CBS Radio	nocode092816
CDC	nocode747
Ceetrus SA	nocode317
Celanese	CE.N
Central European Media	CETV.OQ
Centrale del Latte d'Italia SpA	CLII.MI
CenturyLink	CTL.N
CEZ	CEZP.PR
Cheniere Corpus Christi Holdings, LLC	nocode962
Cheniere Energy Partners LP Holdings, LLC	CQH.A
Cheung Kong Infrastructure Holdings LTD	1038.HK
Chevron	CVX.N
China Construction Bank Corp	0939.HK
China Construction Bank Europe	nocode9993
China Construction Bank Luxembourg Branch	nocode643
China Development Bank	nocode097
China Great Wall Asset Management Corporation	nocode059
China Merchants Port Holdings Co., Ltd.	0144.HK
China National Petroleum Corporation	nocode056



China State Shipbuilding Corporation	nocode027
CHINA THREE GORGES CORPORATION (CTG)	nocode263
CIMIC	CIM.AX
Cintra	CCIT.MC
Cisco	CSCO.OQ
CIT Group	CIT.N
Citigroup	C.N
Clear Channel Outdoor	CCO.N
CMA CGM	nocode333
CM-CIC	nocode365
CNH Industrial	CNHI.N
CNH Industrial Finance Europe SA	nocode634
CNOOC	883.HK
CNOOC Finance (2013) Limited	nocode0504
Cnova	CNV.OQ
COBRA GESTION E INFRAESTRUCTURAS	nocode0168
CODEIS SECURITIES	nocode037
Cofidis	RIC_COF
Cofiroute (Vinci)	COFI_SG
Colgate Palmolive	CL.N
Colgate-Palmolive (India) Ltd	COLG.NS
Colonial	COL.MC
Comcast Corporation	CMCSA.OQ
Comdirect Bank	CDBG.DE
Commerzbank	CBKG.DE
Compagnie de Financement Foncier	nocode53
Compagnie des Alpes	CDAF.PA
Compagnie Financiere du Credit Mutuel	nocode75
Companhia Brasileira de Distribuição	PCAR3.SA
Compania Espanola de Petroleos	nocode326
Compania General de Electricidad	CGE.CI
Compass Group	CPG.L
Computer Sciences Corp	CSC.N
ConocoPhillips	COP.N
Constellium	CSTM.N
Continental Resources	CLR.N
Corio	COR.AS
CORUS GROUP	CS.L
COSMOTE	COSr.AT
Covivio Hotels	COVH.PA
Covivio SA	CVO.PA
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 Logement	CRLOG.PA
Credit Mutuel Nord Europe	nocode0823
Credit Suisse	CSGN.S
CRH AMERICA INC	nocode324
CRH PLC	CRH.L
CRITERIA CAIXAHOLDING	nocode070
Crown Castle International	CCI.N
CSC Holdings LLC	nocode764
CSSC (Hong Kong) Shipping Company Limited	3877.HK
D.R. HORTON, INC.	DHI.N
Daimler	DAIGn.DE
Daimler Chrysler Japan Holding LTD	nocode97
Daimler Finance North America LLC	nocode54
Danica Pension Livsforsikrings	nocode49
Danone	DANO.PA
Danske Bank	DANSKE.CO
DEA DEUTSCHE ERDOEL	nocode9980
Delhaize	DELB.BR
Dell	DELL.O
Delphi Automotive PLC	DLPH.N
Delta Lloyd Group	DLL.AS
Deltacredit Bank	nocode045
Deutsche Bahn	DBB_SG
Deutsche Bank AG	DBKGn.DE
DEUTSCHE GENOSSENSCHAFTS-HYPOTHEKENBANK AG	nocode100
Deutsche Lufthansa	LHAG.DE
Deutsche Post AG	DPWGn.DE
Deutsche Postbank	DPBGn.DE
Deutsche Telekom	DTEGn.DE
Deutsche Wohnen AG	DWNG.DE
Development Bank Of Singapore (DBS)	DBSM.SI
Diageo	DGE.L
Direct Energie SA	DIREN.PA
Disney	DIS.N
DNB	DNB.OL
Dolphin Energy	nocode198
Dresser-Rand Group, Inc.	DRC.N
Durr AG	DUEG.DE
DVB Bank	DVBG.F
EASTERN POWER NETWORKS PLC	nocode0524
Eaton Corporation PLC	ETN.N
EDF	EDF.PA
EDP Finance BV	nocode0314
EDP Renovaveis SA	EDPR.LS
Eiffage	FOUG.PA

EIR	nocode0145
Eircom Finance DAC	nocode654
El Paso Corp	EP.N
EL Paso Energy Partners	EPB.N
Electricity Supply Board	nocode387
ELECTRONICS FOR IMAGING, INC	EFII.O
Eli Lilly	LLY.N
Elia	ELI.BR
Elis	ELIS.PA
Elisa	ELISA.HE
EMC Corp	EMC.N
Emirates Global Aluminum	nocode945
Enagas	ENAG.MC
EnBW	EBKG.DE
Endesa SA	ELE.MC
Eneco NV	ENECO_SG
Enel	ENEI.MI
Enel Finance International SA	nocode400
Enel Green Power	EGPW.MI
Energia	ENGP.WA
Energias de Portugal	EDP.LS
Energy Transfer Partners	ETP.N
Enexis	nocode843
Engie	ENGIE.PA
Engie EPS	EPS.PA
Eni	ENI.MI
ENTERPRISE PRODUCTS OPERATING LP	nocode842
Enterprise Products Partners LP	EPD.N
Eon	EONGn.DE
EP Energy A.S.	nocode041
EP Holding	nocode091
EP Infrastructure	ENAPHO
Equinor	EQNR.OL
EQUINOX GOLD CORP	EQX.V
Erste Group	ERST.VI
Essent	ESSE_SG
Essity	ESSITYb.ST
Eureko	Eureko_SG
EURIS	nocode655
Euroclear Bank	Nocode0288
Eurohypo	EHYG.F
EuroHypo AG	RHYG.F
Europcar Mobility Group	EUCAR.PA
EUROSIC	ESIC.PA
Eustream	nocode010
Evonik	EVKn.DE

Expedia INC	EXPE.O
Experian	EXP.N.L
Export Development Canada (EDC)	nocode377
EXPORT IMPORT BANK OF KOREA (KEXIM)	nocode040
ExxonMobil	XOM.N
F&C Asset Management	FCAM.L
Faurecia	EPED.PA
FCA	FCHA.MI
FCC Servicios Medio Ambiente Holding SAU	nocode0525
Ferrovial	FER.MC
Finatis	LINP.PA
Fnac Darty	FNAC.PA
Foncière Développement Logements	FODL.PA
Fonciere Euris	LOEX.PA
Foncière Lyonnaise	FLYP.PA
Fondo de Amortizacion del Deficit Electrico	nocode751
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 Medical Care AG & Co KGAA	FMEG.DE
Fresenius SE & Co. KGaA	FREG.DE
Friends Life	FLG.L
Fromageries Bel	FROB.PA
Garanti Bank	GARAN.IS
Gaztransport & Technigaz	GTT.PA
GE ENERGY	nocode785
Gecina	GFCP.PA
General Electric	GE.N
General Motors	GM.N
GENERAL MOTORS FINANCIAL	nocode9976
Genworth Financial	GNW.N
GEO TRAVEL FINANCE	nocode343
Gestamp	GEST.MC
Givaudan	GIVN.S
Glencore	GLEN.L
GMAC	GMAC_SG
Goldman Sachs	GS.N
Goodrich Corporation	GR.N
Grand City Properties S.A.	GYC.DE
Grifols	GRLS.MC
Groupe Artemis	nocode88813
Groupe Bruxelles Lambert	GBLB.BR
Groupe Caisse d'Epargne	GCE_SG

GROUPE FNAC	nocode089
Gualua Closures	nocode00017
Hagemeyer	HAGN.AS
HALCYON AGRI CORPORATION LTD	HALC.SI
Hammerson	HMSO.L
Hana Bank	nocode791
Hannover RE	HNRGn.DE
HBOS	HBOS.L
Heathrow airport	nocode77711
Heimstaden Bostad	HEIMpref.ST
Heineken	HEIN.AS
HERA	HRA.MI
Hewlett Packard Enterprise Co	HPE.N
Hewlett-Packard Company	HPQ.N
HJ Heinz	HNZ.N
Hochtief	HOTG.DE
Holcim	LHN.S
Holding d'Infrastructure de Transport (HIT)	nocode90
Honda	7267.T
HSBC FRANCE	HSBC_SG
Huarong Real Estate	nocode777765
HUARONG REAL ESTATE CO LTD	nocode0203
Huntington Bankshares	HBAN.O
Hypotheekbank in Essen	nocode74
HYUNDAI CAPITAL AMERICA	nocode141
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
IGT	IGT.N
Imerys	IMTP.PA
Immofinanz	IMFI.VI
Imperial Brands	IMB.L
Imperial Chemical Industries	ICI.L
Indusind Bank	INBK.NS
ING Bank NV	INGs.AS
ING Bank Slaski S.A.	INGP.WA
ING-DiBa	nocode0461
Innogy	IGY.DE
Intermediate Capital Group	ICP.L
International Bank for Reconstruction and Development	nocode762
International Finance Corporation	nocode763

International Flavors & Fragrances	IFF.N
International Lease Finance Corp	nocode260
International Power	IPR.L
Intesa Sanpaolo	ISP.MI
INTESA SANPAOLO Vita	nocode782
Invensys	ISYS.L
Iren SpA	IREE.MI
ISS A/S	ISS.CO
Italgas	IG.MI
ITV plc	ITV.L
JAB Holding BV	nocode545
Jaguar Land Rover	nocode0339
Japan Tobacco	2914.T
JCDecaux	JCDX.PA
JINMAO HOTEL AND JINMAO CHINA HOTEL INVESTMENTS AND MANAGEMENT	6139.HK
Johnson & Johnson	JNJ.N
JPMorgan Chase & Co.	JPM.N
K+S	SDFGn.DE
KBC	KBC.BR
KEB HANA BANK	004940.KS
Kering	PRTP.PA
Keyspan Gas East Corp	nocode341
KINDER MORGAN CANADA	KML.TO
Kinder Morgan Energy Partners	KMP.N
Kinder Morgan Inc.	KMI.N
KINGDOM OF SPAIN	nocode541
Klépierre	LOIM.PA
KNORR BREMSE	KBX.DE
Kobe Steel	5406.T
Komercni Banka	BKOM.PR
Kookmin Bank	060000.KS
Korea Development Bank	nocode789
Kosmos Energy	KOS.N
KPN	KPN.AS
Kraft Heinz	KHC.OQ
La Banque Postale	RIC_LBP
La Caixa (Caja de Ahorros y Pensiones de Barcelona)	CAIX_SG
La Poste	LAPST
Lactalis	nocode174
Ladbrokes	LCL.L
Lafarge	LAFP.PA
LafargeHolcim	LHN.PA
LAND NRW	nocode0400
Landesbank Berlin	BEBG.DE
LB Baden Wurttemberg	LBB_SG
Leaseplan Corporation NV	nocode128

Leaseplan Finance NV	nocode129
LEEDSBUILDING SOCIETY	nocode00022
LEG Immobilien AG	LEGN.DE
Legrand	LEGD.PA
Lennar	LEN.N
Lenovo Group LTD	0992.HK
Leonardo SpA	LDOF.MI
Lex Autolease	nocode7723
Limited Brands	LTD.N
Linde AG	LING.DE
Linde plc	LIN.N
Lloyds Banking Group	LLOY.L
Logista	LOG.MC
London Power Networks	nocode99915
Loxam	nocode9961
LVMH	LVMH.PA
LyondellBasell	LYB.N
M6	MMTP.PA
Macif	MACI_SG
Mamoura Diversified Global Holding PJSC	nocode942
MAN	MANG.DE
Man Se Credit Highlights	cAveat958
Mapfre	MAP.MC
Marathon Oil	MRO.N
MASSACHUSETTS ELECTRIC CO	MSSEL.PK
MBANK HIPOTECZNY	nocode998
Mbank S.A.	MBK.WA
McDonald's	MCD.N
Mediaset	MS.MI
Mediobanca Spa	MDBI.MI
Merck and Co Inc.	MRK.N
Merck Financial Services	nocode0476
Merck KGaA	MRCG.DE
Merlin Properties	MRL.MC
Microsoft Corporation	MSFT.OQ
Milano Assicurazioni	ADMI.MI
Ministry of Finance of the People's Republic of China	nocode348
Ministry of Public finance of Romania	nocode201
Mizuho Financial Group	8411.T
Mobiasbanca	nocode859
MOL	MOLB.BU
Molmed	MLMD.MI
Mondelez International	MDLZ.OQ
MONETA Money Bank	MONET.PR
Mubadala Development Company	MBD_SG
Nara Cable Funding Limited	nocode362

NARRAGANSETT ELECTRIC COMPANY	nocode261
NATIONAL AUSTRALIA BANK	NAB.AX
National Grid	NG.L
NATIONAL GRID NORTH AMERICA	nocode88811
Nationwide Building Society	POB_p.L
Naturex	NATU.PA
Naturgy	NTGY.MC
Naturgy Finance BV	nocode461
Neste	NESTE.HE
Nestle India Ltd.	NEST.NS
Nestlé SA	NESN.S
Netflix	NFLX.OQ
Neuf Cegetel	NEUF.PA
New England Power	nocode0123
Nexen Inc	NXY.TO
NIAGARA MOHAWK POWER	NMK_pb.N
NIBCN.V	nocode78
Nidda Healthcare Holding GmbH	nocode639
NIPPON SHOKUBAI CO LTD	4114.T
Nokia	NOKIA.HE
Nokia Siemens Networks	nocode011
Nordea	NDAFI.HE
Nordea Bank Finland PLC	nocode854
Novartis AG	NOVN.S
Novartis Capital Corp	nocode0544
Novartis Finance SA	nocode0237
Numericable-SFR	NUME.PA
Nuova Banca delle Marche	nocode452
Nuova Banca dell'Etruria e del Lazio	nocode453
O2	OOM.L
Obvion	nocode264
ODIGEO	nocode006
Ohridska Banka	nocode862
OMANTEL	nocode9696
OMV	OMVV.VI
OMV Petrom SA	ROSNP.BX
ONO	ONO_SG
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
Orbis	ORBS.WA
Origin Energy Finance Limited	nocode0478



Orsted A/S	ORSTED.CO
OTP Group	OTPB.BU
Parmalat	PLT.MI
PEMEX	PMX_SG
PepsiCo	PEP.N
PERMANENT TSB PLC	ILOA.I
Pernod Ricard	PERP.PA
Petrobras	PBR.N
Philip Morris CR	TABK.PR
Philip Morris International	PM.N
Philips	PHG.AS
Phillips 66	PSX.N
PIRAEUS BANK	BOPr.AT
Pirelli	PECI.MI
PKN Orlen	PKN.WA
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
Prologis France	nocode217
Proximus	PROX.BR
Prudential	PRU.L
Prudential Financial	PRU.N
PSA Banque France	nocode0437
PTTEP Treasury Center Company Limited	nocode659
Public Storage	PSA.N
Pulte Group	PHM.N
Rabobank	RABN.UL
Raiffeisen Bank International	RBIV.VI
Rallye SA	GENC.PA
Red Electrica	REE.MC
Refinitiv US Holdings Inc.	nocode0344
Reliance Capital	RLCP.NS
Reliance Holding USA Inc.	nocode0484
Relx NV	REL.AS
Relx PLC	REL.L
Renault	RENA.PA
Renk AG	ZAR:GR
Repsol	REP.MC
Repsol International Finance BV	nocode0559
Republic of Chile	nocode0472
Republic of Italy	nocode0394
Rexel	RXL.PA
Rhodia	RHA.PA
Richemont	CFR.S

RONGSHI INTERNATIONAL FINANCE LTD	nocode0448
Rosbank	ROSB.MM
Royal Bank of Scotland	RBS.L
Royal Dutch Shell B	RDSb.L
Royal Dutch shell PLC	RDSa.L
RTL Group	RRTL.DE
Ruby Pipeline LLC	nocode171
RWE	RWEG.DE
Sabine Pass Liquefaction, LLC	SPL
SABMiller	SAB.L
Saft	S1A.PA
Salvepar	SALV.PA
Samhallsbyggnadsbolaget I Norden AB (SBB)	SBBb.ST
SAN PAOLO-IMI SPA	SPI.MI
SANDEN CORP	6444.T
Sanef	SNF.PA
Sanofi	SASY.PA
Santander Bank Polska SA	SPL1.WA
Santander Consumer Bank AS	nocode0230
Santander UK PLC	SANS_pa.L
SAP	SAPG.DE
Sazka	nocode0232
Scania AB	SCVb.ST
Schlumberger	SLB.N
SCHLUMBERGER FINANCE BV	nocode542
Schlumberger Finance Canada Ltd	nocode0152
Scor	SCOR.PA
Sears	SHLD.O
Selectirente S.A	SELER.PA
Serono	SEO.VX
SFR	SFR_SG
SG SCF	SGSCF
SG SFH	nocode855
SGFP MEXICO	nocode038
Sherwin-Williams	SHW.N
Sicomed	ROSCD.BX
Siemens	SIEGn.DE
Siemens Gamesa RE	SGREN.MC
SIIC DE PARIS	IMMB.PA
Simon Property Group	SPG.N
Sinochem	600500.SS
Sinopec	0386.HK
SINOPEC GROUP OVERSEAS DEVELOPMENT (2018) LIMITED	nocode0342
SINOPEC SHANGHAI PETROCHEMICAL	0338.HK
Snam	SRG.MI
Société Générale	SOGN.PA

Societe Generale Bank Montenegro	nocode573
Societe Generale Ghana	nocode863
Society of Lloyd's	nocode99660
Socram	nocode306
Sodexo	EXHO.PA
Sogecap	nocode857
Sogelease	nocode860
SOLFEA	nocode030
Solvay SA	SOLB.BR
South32	S32.L
Southern Natural Gas Company	SO.N
Spie	SPIE.PA
Spintab	nocode80
SPP Infrastructure Financing	nocode0482
SPP-Distribúcia	nocode063
Springleaf Finance	nocode99666
Sprint	S.N
SSE	SSE.L
Stadshypotek	nocode81
Standard Chartered	STAN.L
Standard Life Aberdeen Plc	SLA.L
State Development & Investment Corp Ltd (SDIC)	nocode943
Sunoco Logistics	SXL.N
Sunpower	SPWR.OQ
Svenska Handelsbanken	SHBa.ST
Swedbank	SWEDa.ST
Sydbank	SYDB.CO
Talanx	TLXGn.DE
Tata Consultancy Services	TCS.NS
Tata Motors Ltd	TAMO.NS
Tauron	TPE.WA
Tele Columbus AG (TC1n.DE)	TC1n.DE
Telefónica Deutschland Holding AG	O2Dn.DE
Telefonica Europe	nocode0428
Telefonica SA	TEF.MC
Telekom Austria	TELA.VI
Telenor AS	TEL.OL
Telia Company AB	TELIA.ST
Telstra	TLS.AX
Telxius	nocode570
Tencent Holdings LTD	0700.HK
Tenet Healthcare	THC.N
Tengizchevroil	nocode562
Tennet	nocode022
Tereos	nocode007
Terna	TRN.MI

Tesco	TSCO.L
TF1	TFFP.PA
Thales	TCFP.PA
The Dow Chemical	DOW.N
Thyssenkrupp	TKAG.DE
Tikehau Capital	TKOO.PA
Time Warner Cable	TWC.N
Time Warner Inc.	TWX.N
T-Mobile US	TMUS.OQ
Toronto-Dominion Bank	TD.TO
Total	TOTF.PA
Total Capital International	nocode548
Total Gabon	EGAB.PA
Toyota Finance Australia Limited	nocode0433
Toyota Motor Corp	7203.T
Toyota Motor Credit Corporation	nocode861
Transcanada Pipelines Ltd	nocode769
TRANSWORLD SYSTEMS INC	nocode0442
Traton SE	8TRA.DE
UBI Banca	UBI.MI
UBS AG	UBSG.S
Unedic	nocode744
Unicredit Bank Austria AG	nocode337
UniCredit SpA	CRDI.MI
Union Fenosa Group	N/A
Union International de Banques	UIB.CS
Unipetrol	UNPE.PR
Unipol Gruppo	UNPI.MI
United Overseas Bank Ltd	UOBH.SI
United Parcel Service	UPS.N
United Technologies	UTX.N
Vakifbank	VAKBN.IS
Valeo	VLOF.PA
Valero Energy Corp.	VLO.N
Vallourec	VLLP.PA
Vattenfall	VATT_SG
VEB	nocode280
Veneto Banca	nocode274
Veolia Environnement	VIE.PA
Verbund	VERB.VI
Verizon	VZ.N
Via Varejo	VVAR3.SA
ViacomCBS Inc	VIACA.OQ
VIER GAS TRANSPORT GmbH	nocode031
Viesgo	nocode444
Vinci	SGEF.PA

Vodafone	VOD.L
Volkswagen	VOWG_p.DE
Volkswagen Financial Services AG	nocode83
Volkswagen International Finance NV	nocode0546
Volvo	VOLVb.ST
Volvo Car AB	nocode267
Volvo Car Group	nocode506
Vonovia Finance BV	nocode645
Vonovia SE	VNAn.DE
Votorantim Group	nocode170
Wells Fargo & Co.	WFC.N
Wellstream	WSML.L
Wendel	MWDP.PA
Westfield Group	WEFIF.PK
William Hill	WMH.L
Williams Companies	WMB.N
Wintershall Dea Finance BV	nocode399
WIRTUALNA POLSKA	WPPLPLN.Lp
WOORI BANK	nocode078
WPP Group	WPP.L
Yamaha Motor Co Ltd	7272.T
Zapadoslovenska Energetika	nocode624
Zero-E Sustainable Solutions	nocode437
ZF Europe	ZFF.UL
Zimmer Biomet	ZBH.N
Zurich Insurance Group	ZURN.S

***As per Article 6(1)b) of European Delegated Regulation 2016/958, SG discloses that the following companies hold more than 5 % of the total issued share capital of the Group Société Générale: Please refer to the following (Pre017)***

## HISTORICAL DATA

<a href="#">14/05/2020</a>				
<a href="#">11/05/2020</a>				
<a href="#">07/05/2020</a>				
<a href="#">04/05/2020</a>				
<a href="#">30/04/2020</a>	<a href="#">30/03/2020</a>	<a href="#">27/02/2020</a>	<a href="#">30/01/2020</a>	<a href="#">26/12/2019</a>
<a href="#">27/04/2020</a>	<a href="#">26/03/2020</a>	<a href="#">24/02/2020</a>	<a href="#">27/01/2020</a>	<a href="#">23/12/2019</a>
<a href="#">23/04/2020</a>	<a href="#">23/03/2020</a>	<a href="#">20/02/2020</a>	<a href="#">23/01/2020</a>	<a href="#">19/12/2019</a>
<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>
<a href="#">25/11/2019</a>	<a href="#">24/10/2019</a>	<a href="#">23/09/2019</a>	<a href="#">26/08/2019</a>	<a href="#">25/07/2019</a>
<a href="#">21/11/2019</a>	<a href="#">21/10/2019</a>	<a href="#">19/09/2019</a>	<a href="#">22/08/2019</a>	<a href="#">22/07/2019</a>
<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> <a href="#">01/10/2018</a>	<a href="#">06/09/2018</a> <a href="#">03/09/2018</a>	<a href="#">06/08/2018</a> <a href="#">02/08/2018</a>	<a href="#">09/07/2018</a> <a href="#">06/07/2018</a> <a href="#">02/07/2018</a>	<a href="#">07/06/2018</a> <a href="#">04/06/2018</a>
<a href="#">31/05/2018</a> <a href="#">28/05/2018</a> <a href="#">24/05/2018</a> <a href="#">22/05/2018</a> <a href="#">17/05/2018</a> <a href="#">14/05/2018</a> <a href="#">10/05/2018</a> <a href="#">07/05/2018</a> <a href="#">03/05/2018</a>	<a href="#">30/04/2018</a> <a href="#">26/04/2018</a> <a href="#">23/04/2018</a> <a href="#">19/04/2018</a> <a href="#">16/04/2018</a> <a href="#">12/04/2018</a> <a href="#">09/04/2018</a> <a href="#">05/04/2018</a> <a href="#">03/04/2018</a>	<a href="#">29/03/2018</a> <a href="#">26/03/2018</a> <a href="#">22/03/2018</a> <a href="#">19/03/2018</a> <a href="#">15/03/2018</a> <a href="#">12/03/2018</a> <a href="#">08/03/2018</a> <a href="#">05/03/2018</a> <a href="#">01/03/2018</a>	<a href="#">26/02/2018</a> <a href="#">22/02/2018</a> <a href="#">19/02/2018</a> <a href="#">12/02/2018</a> <a href="#">08/02/2018</a> <a href="#">05/02/2018</a> <a href="#">01/02/2018</a>	<a href="#">29/01/2018</a> <a href="#">25/01/2018</a> <a href="#">22/01/2018</a> <a href="#">18/01/2018</a> <a href="#">15/01/2018</a> <a href="#">11/01/2018</a> <a href="#">08/01/2018</a> <a href="#">04/01/2018</a> <a href="#">02/01/2018</a>
<a href="#">28/12/2017</a> <a href="#">26/12/2017</a> <a href="#">21/12/2017</a> <a href="#">18/12/2017</a> <a href="#">11/12/2017</a> <a href="#">07/12/2017</a> <a href="#">04/12/2017</a> <a href="#">01/12/2017</a>	<a href="#">27/10/2017</a> <a href="#">23/11/2017</a> <a href="#">20/11/2017</a> <a href="#">13/11/2017</a> <a href="#">09/11/2017</a> <a href="#">06/11/2017</a> <a href="#">03/11/2017</a>	<a href="#">30/10/2017</a> <a href="#">26/10/2017</a> <a href="#">23/10/2017</a> <a href="#">19/10/2017</a> <a href="#">17/10/2017</a> <a href="#">12/10/2017</a> <a href="#">09/10/2017</a> <a href="#">05/10/2017</a> <a href="#">02/10/2017</a>		
<a href="#">28/09/2017</a> <a href="#">25/09/2017</a> <a href="#">21/09/2017</a> <a href="#">18/09/2017</a> <a href="#">14/09/2017</a> <a href="#">11/09/2017</a> <a href="#">09/09/2017</a> <a href="#">04/09/2017</a>	<a href="#">31/08/2017</a> <a href="#">24/08/2017</a> <a href="#">21/08/2017</a> <a href="#">10/08/2017</a> <a href="#">07/08/2017</a> <a href="#">03/08/2017</a>	<a href="#">31/07/2017</a> <a href="#">27/07/2017</a> <a href="#">24/07/2017</a> <a href="#">20/07/2017</a> <a href="#">17/07/2017</a> <a href="#">13/07/2017</a> <a href="#">10/07/2017</a> <a href="#">06/07/2017</a> <a href="#">03/07/2017</a>	<a href="#">29/06/2017</a> <a href="#">26/06/2017</a> <a href="#">22/06/2017</a> <a href="#">19/06/2017</a> <a href="#">15/06/2017</a> <a href="#">12/06/2017</a> <a href="#">08/06/2017</a> <a href="#">05/06/2017</a> <a href="#">01/06/2017</a>	<a href="#">29/05/2017</a> <a href="#">25/05/2017</a> <a href="#">22/05/2017</a> <a href="#">18/05/2017</a> <a href="#">15/05/2017</a>

### Previous detailed historic

#### Equity Market Maker (Pre02) Historical

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

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

<a href="#">11/05/2017</a> <a href="#">09/05/2017</a> <a href="#">04/05/2017</a> <a href="#">02/05/2017</a> <a href="#">27/04/2017</a>	<a href="#">27/03/2017</a> <a href="#">23/03/2017</a> <a href="#">20/03/2017</a> <a href="#">16/03/2017</a> <a href="#">13/03/2017</a>	<a href="#">16/02/2017</a> <a href="#">13/02/2017</a> <a href="#">09/02/2017</a> <a href="#">06/02/2017</a> <a href="#">02/02/2017</a>	<a href="#">09/01/2017</a> <a href="#">05/01/2017</a> <a href="#">02/01/2017</a> <a href="#">29/12/2016</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="#">16/01/2016</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>	





