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Performance January 2023

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Market Maker

- A trading participant who has assumed a Market Maker function shall be considered to have fulfilled its obligations if, in the course of one calendar month, it meets $\geq 80\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period.
- The daily observation period is the time between 09:00 am and 05:30 pm on each trading day.
- When the ATX changes $\pm 3\%$ (versus the closing price of the ATX on the preceding day) the **fast market** rule is triggered for Market Maker in the market segments
 - prime market
 - standard market (continuous)
 - direct market plus (continuous)
 - direct market (continuous)

the applicable quotation requirements are cancelled by Wiener Börse AG and any failures to meet the requirements on the trading day concerned are not considered.

- In the case of **Exceptional Market Conditions** (EMC) pursuant to Art. a to e Delegated Regulation (EU) 2017/578 the obligation to provide liquidity is cancelled to trading participants committed as market maker. The beginning and end of EMC are announced by the exchange operating company through the trading system (Newsboard).
- In the case of **Stressed Market Conditions** (SMC) in one or more continuously traded liquid shares (MiFIR Article 2 (1) (17)) or liquid investment funds (ETFs), the exchange operating company will set temporarily according to Art. 6 Delegated Regulation (EU) 2017/578 for the purpose of improving liquidity, a different quote obligation regarding Size and Spread. The maximum spread applicable to meet the relevant quotation obligation will be doubled and the applicable Minimum Quotation Quantity will be halved. The beginning and end of SMC are announced by the exchange operating company through the trading system (Newsboard).
- If a Market Maker fails to fulfil its obligations within an observation month, there is a reverse of amounts booked for transactions concluded in the relevant month on the basis of principal fees.

For further information please contact Wiener Börse AG (Market Operations):

- Doris Ettenauer - doris.ettenauer@wienerborse.at
- Margit Scozzari - margit.scozzari@wienerborse.at

Market Maker Performance Percentages in Securities Trading for January 2023

Trading System XETRA® T7 / Continuous Trading

I. equity market / prime market

Instrument	Xetra® Code	Market Makers													TOTAL	M	M	M	
		BALFR	EBOWI	HAUZI	ICFFR	JBBBH	JBBFR	LSTDU	SEYFR	OPXAM	CENWI	SOGFR	WOCPR						
AT000ADDIKO0	Addiko Bank AG	ADKO	88.14											95.45			2	2.70 %	701
AT000AGRANA3	AGRANA Beteiligungs-AG	AGR	93.74					96.21						96.01	91.06		4	2.70 %	605
AT00000AMAG3	AMAG Austria Metall AG	AMAG	89.49											95.48			2	2.70 %	260
AT0000730007	X5 Andritz AG	ANDR	92.69											93.32	X		3	0.65 %	646
AT0000969985	X AT & S Austria Technologie & Systemtechnik Aktiengesellschaft	ATS	91.88											94.28	X		3	0.85 %	782
AT0000BAWAG2	X5 BAWAG Group AG	BG	88.54											95.02	X		3	0.65 %	714
AT0000641352	X CA Immobilien Anlagen AG	CAI	88.07											95.49	X		3	0.85 %	918
AT0000818802	X DO & CO Aktiengesellschaft	DOC	92.99	96.38										95.20	84.32		4	1.30 %	192
AT0000652011	X5 Erste Group Bank AG	EBS	88.79											95.78	93.94	85.60	4	0.65 %	1,169
AT0000741053	X EVN AG	EVN	91.98	95.41				91.30						95.14	X		5	0.85 %	1,476
AT00000FACC2	FACC AG	FACC	88.82	96.79										95.71	93.83		4	2.70 %	1,566
AT00000VIE62	Flughafen Wien AG	FLU	95.89	96.90										96.00	X		4	2.70 %	274
ATFREQUENT09	FREQUENTIS AG	FQT	88.79						92.60	92.38	X			95.53			5	2.70 %	321
AT0000A21KS2	X Immofinanz AG	IIA	87.11											95.13	X		3	0.65 %	3,026
AT000KAPSCH9	Kapsch TrafficCom AG	KTCG	91.61							90.60				95.13			3	2.70 %	768
AT0000644505	X Lenzing AG	LNZ	80.45											85.52	X		3	0.85 %	453
ATMARINOMED6	Marinomed Biotech AG	MARI	93.34						90.02								2	2.70 %	156
AT0000938204	X Mayr-Melnhof Karton AG	MMK	93.79		95.95									95.76	90.43		4	1.30 %	113
AT0000743059	X5 OMV AG	OMV	92.66											95.08	88.82		3	0.65 %	718
AT0000APOST4	X Österreichische Post Aktiengesellschaft	POST	87.67											94.78	X		3	0.85 %	845
AT0000758305	Palfinger AG	PAL	93.93		92.64									96.00	92.79		4	2.70 %	376
AT0000KTMIO2	PIERER Mobility AG	PMAG	96.39										97.47	94.42			3	2.70 %	135
AT0000A00XX9	Polytec Holding AG	PYT	93.69											95.31			2	2.70 %	1,926
AT0000609607	Porr AG	POS	88.81	96.87			99.39			91.63				95.97	94.51		6	2.70 %	753
AT0000606306	X Raiffeisen Bank International AG	RBI	87.46											95.31	90.99		3	0.85 %	1,620
NL0012650360	RHI Magnesita N.V., Depository Interests	RHIM									81.15			90.16			2	2.70 %	353
AT0000922554	Rosenbauer International AG	ROS	99.14	92.01	96.81			96.12						96.01	86.84		6	2.70 %	300
AT0000652250	S IMMO AG	SPI	88.87	96.65											84.98		3	2.70 %	737
AT0000946652	X Schoeller-Bleckmann Oilfield Equipment AG	SBO	90.62											94.11	X		3	1.30 %	292
AT0000785555	Semperit AG Holding	SEM	93.04					92.98						90.64	83.41		4	1.80 %	443
AT000000STR1	X STRABAG SE	STR	88.81											96.01	94.64		3	1.80 %	231
AT0000720008	Telekom Austria AG	TKA	93.85											95.75	93.01		3	1.30 %	2,921
AT0000815402	UBM Development AG	UBS	88.85	96.17										95.38	86.02		4	2.70 %	390
AT0000821103	X UNIQA Insurance Group AG	UQA	88.25											95.76	X		3	0.85 %	3,598
AT0000746409	X5 VERBUND AG	VER	91.45											92.21	X		3	0.65 %	440
AT0000908504	X VIENNA INSURANCE GROUP AG Wiener Versicherung Gruppe	VIG	86.88											95.66			2	0.85 %	1,117
AT0000937503	X voestalpine AG	VOE	89.21											95.89	86.67		3	0.65 %	1,404
AT0000827209	Warimpex Finanz- und Beteiligungs AG	WXF	89.10														1	2.70 %	13,433 € 0.10
AT0000831706	X Wienerberger AG	WIE	88.75					93.25						95.91	X		4	0.65 %	1,563
AT0000837307	Zumtobel Group AG	ZAG	88.79											95.75	91.45		3	2.70 %	1,301
TOTAL		40	2	38	8	2	1	5	1	4	3	37	30	1	132				

X = ATX-Stocks
5 = ATXfive-Stocks

% = performance percentages Market Maker
X = FAILURE TO PERFORM

II. equity market / standard market continuous

Instrument	Xetra® Code	BALFR	EBOWI	HAUZI	ICFFR	JBBHH	JBBFR	LSTDU	SEYFR	OPXAM	CENWI	SOGFR	WOCPR	TOTAL	Max-Spread in %	Min.-Size in pieces	fix Spread with absolute value
AT0000A1PY49	CLEEN Energy AG	CLEN	96.39		98.30				92.59					3	4 %	1,163	
CH0396131929	SunMirror AG	ROR1	90.85											1	4 %	962	
AT0000834007	Wolford AG	WOL		95.95										1	4 %	1,835	
TOTAL			3	1	1	1	0	0	0	1	0	0	0	5			

III. equity market / direct market plus continuous

Instrument	Xetra® Code	BALFR	EBOWI	HAUZI	ICFFR	JBBHH	JBBFR	LSTDU	SEYFR	OPXAM	CENWI	SOGFR	WOCPR	TOTAL	Max-Spread in %	Min.-Size in pieces	fix Spread with absolute value
AT0000616701	Athos Immobilien AG	ATH							92.32					1	5 %	201	
ATBIOGENA005	Biogena Group Invest AG	BIO	98.50											1	5 %	3,732	€ 0.25
TOTAL			2	1	0	0	0	0	1	0	0	0	0	2			

IV. equity market / direct market continuous

Instrument	Xetra® Code	BALFR	EBOWI	HAUZI	ICFFR	JBBHH	JBBFR	LSTDU	SEYFR	OPXAM	CENWI	SOGFR	WOCPR	TOTAL	Max-Spread in %	Min.-Size in pieces	fix Spread with absolute value
DE000A30U9U8	JJ Entertainment SE (name shares)	JJS2			98.15									1	5 %	5,000	€ 0.10
GB00BD5BTL23	LOCOSOCO GROUP PLC (par-value registered shares)	LOCO			97.72									1	5 %	5,000	€ 0.10
GB00BGMGZR93	WEALTH DRAGONS GROUP PLC (par-value registered shares)	WDG			96.42									1	5 %	5,000	€ 0.10
TOTAL			3	0	0	0	0	0	0	0	0	0	0	3			

% = performance percentages Market Maker
 X = FAILURE TO PERFORM

MiFID Market Maker participating in the BBO program

- Trading members participating in the BBO program as MiFID market maker may commit as a BBO market maker for all securities contained in a security basket

- Both security baskets available cover all securities contained in the ATX (ATX basket) respectively all prime market securities which are not contained in the ATX (non-ATX basket).

- The BBO market maker program covers two levels of fulfilment (Tier 1 and Tier 2) for which following requirements must be met cumulatively:

Security Basket	ATX Basket		non-ATX Basket	
	Tier 1	Tier 2	Tier 1	Tier 2
BBO Presence	20%	10%	20%	10%
Market Maker Size	EUR 5,000	EUR 3,000	EUR 2,500	EUR 1,500
Passive Market Share	2%	1%	2%	1%
BBO Base	80%	80%	60%	60%

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Performance of BBO Market Maker in January 2023

Trading System XETRA® / Continuous Trading

Marktsegment	Name Basket	Xetra® Code	HRTEU Limited	Susquehanna International Securities Limited	Tower Research Capital Europe BV	XTX Markets SAS	TOTAL
			HREDB	SISDB	TRCAM	XMSPA	
prime market	ATX Basket	-	yes	yes	yes	yes	4
prime market	non ATX Basket	-	yes			yes	2
TOTAL			2	1	1	2	6

Liquidity Providers in Auction

- A trading participant who has assumed the function as a liquidity provider shall be considered to have fulfilled its obligations if in the course of one calendar month, it meets $\geq 80\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period.
- The daily observation period is the time from the beginning of the call phase of the single intraday auction at 12:30 pm until the end of the single intraday auction on each trading day; for the calculation of the daily degree of performance (in %) by all means the fulfilment of the quotation obligation at the time of the price determination is required.

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Liquidity Provider Performance Percentages in Securities Trading for January 2023

Trading System XETRA® T7 / Auction with Liquidity Providers

Instr.-Grp	ISIN	Instrument	Xetra® Code	Liquidity Provider				TOTAL	Performance Metrics		
				HAUZI	ICFFR	OBBLI	CENWI		B	B	B
AOD	AT0000624705	BKS Bank AG	BKS				90.90	1	5 %	730	
AOD	AT0000762406	Frauenthal Holding AG	FKA	100.00				1	5 %	432	
DIMA	AT0000698253	Hutter & Schrantz AG	HUS	100.00				1	5 %	736	
DIMA	AT0000A021K7	Hutter & Schrantz Stahlbau AG	HST	100.00				1	5 %	455	
AOD	AT0000625108	Oberbank AG	OBS			100.00		1	5 %	98	
AOD	AT0000741301	Wiener Privatbank SE	WPB	100.00				1	5 %	1,870	
DIPA	AT0000A25NJ6	Wolfank-Adisa Holding AG	WOLF		100.00			1	5 %	788	
TOTAL			7	4	1	1	1	7			

% = performance percentages Liquidity Provider
X = FAILURE TO PERFORM

Market Maker - Exchange Traded Funds

- A trading participant who has assumed a Market Maker function shall be considered to have fulfilled its obligations if, in the course of one calendar month, it meets $\geq 50\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period or $\geq 25\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period provided that the percentage of the market maker share of the overall turnover (double counting) of the respective instrument is $\geq 40\%$.
- The daily observation period is the time between 09:00 am and 05:30 pm on each trading day.
- If a Market Maker fails to fulfil the obligation within an observation month, there is a reverse of amounts booked for transactions concluded in the relevant month on the basis of principal fees.
- In the case of **Exceptional Market Conditions** (EMC) pursuant to Art. a to e Delegated Regulation (EU) 2017/578 the obligation to provide liquidity is cancelled to trading participants committed as market maker. The beginning and end of EMC are announced by the exchange operating company through the trading system (Newsboard).

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Fulfillment of Market Maker Obligations for January 2023

exchange traded funds

Trading System XETRA® T7 / Continuous Trading

Market Maker (MM): Lang & Schwarz TradeCenter AG & Co. KG (LSTDU)		
ISIN	exchange traded funds	LSTDU
DE0002635273	iShares DivDAX UC ETF (DE)	yes
DE0002635281	iSharesESTOXXSelDiv30UCETF(DE)	yes
DE0002635299	iShares ESTSelDiv30 UC ETF(DE)	yes
DE0002635307	iSharesSTOXXEuro600UC ETF(DE)	yes
DE0005933923	iShares MDAX UCITS ETF DE	yes
DE0005933931	iShares CoreDAX UC ETF (DE)	yes
DE0005933956	iShares ESTOXX 50 UC ETF (DE)	yes
DE0005933964	iShares SLI UCITS ETF (DE)	yes
DE0005933972	iShares TECDAX UCITS ETF DE	yes
DE0006289309	iShares EurBank30-15 UCITS ETF	yes
DE0006289382	iShares GlobTitans50 UCITS ETF	yes
DE0006289390	iShares DJIA UCITS ETF DE	yes
DE000A0D8Q07	iSharesEURO STOXX UCITS ETF DE	yes
DE000A0D8Q23	iShares ATX UC ETF (DE)	yes
DE000A0F5UF5	iSharesNASDAQ-100 UCITS ETF DE	yes
DE000A0F5UG3	iShares EurSustainab UCITS ETF	yes
DE000A0F5UH1	iShares GlobSelDivid UCITS ETF	yes
DE000A0F5UJ7	iShares Eur Banks UCITS ETF	yes
DE000A0F5UK5	iShares EurBasicRes UCITS ETF	yes
DE000A0H0728	iShares DivCommodity UCITS ETF	yes
DE000A0H08E0	iShares Eur Chem UCITS ETF	yes
DE000A0H08F7	iSharesEurConstrMat UCITS ETF	yes
DE000A0H08H3	iShares Eur FoodBev UCITS ETF	yes
DE000A0H08J9	iShares EurIndGdsSrv UCITSETF	yes
DE000A0H08K7	iShares Eur Insur UCITS ETF	yes
DE000A0H08M3	iShares Eur Oil Gas UCITS ETF	yes
DE000A0H08N1	iSharesEurPrsHhdGds UCITS ETF	yes
DE000A0H08R2	iShares Eur Telecom UCITS ETF	yes
DE000A0H08S0	iShares EurTravLsre UCITS ETF	yes
DE000A0Q4R02	iShares Eur Utilit UCITS ETF	yes
DE000A0Q4R28	iShares EurAutoParts UCITS ETF	yes
DE000A0Q4R36	iShares Eur HealthC UCITS ETF	yes
DE000A0Q4R44	iShares Eur RealEst UCITS ETF	yes
DE000ETFL011	Deka DAX UCITS ETF	yes
DE000ETFL029	Deka EURO STOXX 50 UCITS ETF	yes
DE000ETFL037	DekaEurStrGrowth20 UCITS ETF	yes
DE000ETFL060	Deka DAX UCITS ETF	yes
DE000ETFL441	Deka MDAX UCITS ETF	yes
DE000ETFL508	Deka MSCI World UCITS ETF	yes
DE000ETFL573	Deka USClimateChange UCITS ETF	yes
DE000ETFL581	Deka WrldClimateChng UCITS ETF	yes
FR0007054358	MUF LYXOR ETF EURO STOXX 50	yes
FR0007056841	LYXOR ETF DJIA	yes
FR0010315770	Lyxor MSCI World UCITS ETF	yes
FR0010361683	Lyxor MSCI India UCITS ETF	yes
FR0010524777	Lyxor New Energy UCITS ETF	yes
FR0010527275	Lyxor World Water UCITS ETF	yes
FR0013284304	Amundi EuropeMultiFacUCITS ETF	yes
IE0005042456	iShares CORE FTSE 100 UCITS ET	yes
IE0008470928	iShares STOXX EUROPE 50 U.ETF	yes
IE0008471009	iShares EURO STOXX 50 U.ETF	yes
IE0031442068	iShares S&P 500 UCITS ETF	yes

ISIN	exchange traded funds	LSTDU
IE00B1YZSC51	iShares MSCI Europe UCITS ETF	yes
IE00B3CNHJ55	L&G Russell 2000 SmC UCITS ETF	yes
IE00B3ZW0K18	iSharesS&P500 EUR HedgedUCITS	yes
IE00B4M7GH52	iShares MSCI Poland UCITS ETF	yes
IE00B53L3W79	iSharesCoreESTOXX 50 UCITS ETF	yes
IE00B53L4X51	iShares FTSE MIB UCITS ETF EUR	yes
IE00B5BMR087	iShares Core S&P 500 UCITS ETF	yes
IE00B5M1WJ87	SPDR S&P EurDivAristoUCITS ETF	yes
IE00B6YX5D40	SPDR S&P US DivAristoUCITS ETF	yes
IE00BF0M2Z96	L&G Battery ValChain UCITS ETF	yes
IE00BG5J1M21	HANetf MedicCannabis UCITS ETF	yes
IE00BJ0KDR00	Xtrackers MSCI USA UC ETF 1C	yes
IE00BMW3QX54	L+G ROBOTICS AUTOM UCITS ETF	yes
IE00BNC1F287	HANetf iClima Decarb UCITS ETF	yes
IE00BYPLS672	L+G CYBER SECURITY UCITS ETF	yes
LU0252633754	Lyxor DAX (DR) UCITS ETF	yes
LU0274208692	Xtrackers MSCI World UCITS ETF	yes
LU0274209237	Xtrackers MSCI EUR UC ETF 1C	yes
LU0274209740	Xtrackers MSCI Japan UCITS ETF	yes
LU0274211217	Xtrackers ESTOXX50 UC ETF 1D	yes
LU0274211480	Xtrackers DAX UC ETF 1C	yes
LU0274212538	Xtrackers FTSE MIB UC ETF 1D	yes
LU0274221281	Xtrackers Swiss UC ETF 1D	yes
LU0290355717	Xtrackers EurGovBond UCITS ETF	yes
LU0290358224	Xtrackers Eur InfilB UCITS ETF	yes
LU0290358497	Xtrackers EONIA UCITS ETF	yes
LU0292097234	Xtrackers FTSE 100 UC ETF 1D	yes
LU0292100046	Xtrackers MSCI Korea UCITS ETF	yes
LU0292106241	Xtrackers ShDAXDaily UC ETF 1C	yes
LU0292107645	Xtrackers MSCI EmerM UCITS ETF	yes
LU0292107991	XtrackersMSCI EMAsia UCITS ETF	yes
LU0292108619	XtrackersMSCI EMLatAmUCITS ETF	yes
LU0292109187	Xtrackers MSCITaiwan UCITS ETF	yes
LU0292109344	Xtrackers MSCIBrazil UCITS ETF	yes
LU0321462953	Xtrackers UsdEM Bond UCITS ETF	yes
LU0322250712	Xtrackers PrivEquity UCITS ETF	yes
LU0322250985	Xtrackers CAC 40 UC ETF 1D	yes
LU0322252338	Xtrackers MSCIPacExJpnUCITSETF	yes
LU0322253229	Xtrackers SP GblInfr UCITS ETF	yes
LU0322253906	Xtrackers EurSmallCapUCITS ETF	yes
LU0328474803	Xtrackers SP ASX 200 UCITS ETF	yes
LU0328475792	Xtrackers StxxEUR600 UC ETF 1C	yes
LU0378438732	Lyxor ETF DAX TR UCITS ETF	yes
LU0378818131	Xtrackers GlbGovBond UCITS ETF	yes
LU0380865021	Xtrackers ESTOXX50 UC ETF 1C	yes
LU0392494562	Lyxor MSCI World UCITS ETF	yes
LU0392496005	Lyxor S&PSmallCap UCITS ETF	no
LU0392496427	Lyxor DJ SwitzTitans30 UCETF	yes
LU0397221945	Xtrackers Portfolio UCITS ETF	yes
LU0411075020	Xtrackers ShortDAXx2 UCITS ETF	yes
LU0411075376	Xtrackers LevDAX UCITS ETF	yes
LU0476289540	Xtrackers MSCICanada UCITS ETF	yes
LU0476289623	Xtrackers Indonesia UCITS ETF	yes
LU0478205379	Xtrackers EurCrpBon UCITS ETF	yes
LU0484968812	XtrackersESGEURCrpBd UCITS ETF	yes
LU0486851024	Xtrackers EuropeValueUCITS ETF	yes
LU0488317701	Lyxor ArcaGoldBugsUCITS ETF	yes
LU0489337690	XtrackersDevEurRealEstUCITSETF	yes
LU0490618542	Xtrackers S&P 500 UC ETF 1C	yes
LU0496786574	Lyxor S&P 500 UCITS ETF	yes
LU0514695690	Xtrackers MSCI China UCITS ETF	yes

ISIN	exchange traded funds	LSTDU
LU0533033667	Lyxor World IT UCITS ETF	yes
LU0599612842	Ossiam Europe MinVar UCITS ETF	yes
LU0603942888	Lyxor ETF SDAX TR UCITS ETF	yes
LU0643975591	Xtrackers EurGovtBnd UCITS ETF	yes
LU0659579063	Xtrackers ATX UC ETF 1C	yes
LU0677077884	Xtrackers USD EMBond UCITS ETF	yes
LU0779800910	Xtrackers CSI300Swap UCITS ETF	yes
LU0832435464	Lyxor S&P 500 VIX UCITS ETF	yes
LU0838782315	Xtrackers DAX Income UCITS ETF	yes
LU0839027447	Xtrackers Nikkei 225 UCITS ETF	yes
LU0846194776	Xtrackers MSCI EMU UC ETF 1D	yes
LU0875160326	Xtrackers HarvCSI300 UCITS ETF	yes
LU0908500753	Lyxor STOXXEurope600 UCITS ETF	yes
LU0908501488	Lyxor EURO STOXX 50 UCITS ETF	yes
LU0908508814	Xtrackers GlobInflB UCITS ETF	yes
LU0942970103	Xtrackers GlobAggBondUCITS ETF	yes
LU1079841273	Ossiam CAPE US Value UCITS ETF	yes
LU1109942653	XtrackersEurHyCrpBon UCITS ETF	yes
LU1287022708	Lyxor Pan Africa UCITS ETF	yes
LU1900066462	MULLyx MSCI EUR ExRusUCITS ETF	yes
NL0009690239	VanEck GlbRealEstate UCITS ETF	yes
	TOTAL	134

Market Maker - Bonds

- A trading participant who has assumed a Market Maker function shall be considered to have fulfilled its obligations if, in the course of one calendar month, it meets $\geq 80\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period.
- The daily observation period is the time between 09:00 am and 05:30 pm on each trading day.
- If a Market Maker fails to fulfil the obligation within an observation month, there is a reverse of amounts booked for transactions concluded in the relevant month on the basis of principal fees.
- In the case of **Exceptional Market Conditions** (EMC) pursuant to Art. 1 to 5 Delegated Regulation (EU) 2017/578 the obligation to provide liquidity is cancelled to trading participants committed as market maker. The beginning and end of EMC are announced by the exchange operating company through the trading system (Newsboard).

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Fulfillment of Market Maker Obligations for January 2023

bond market

Trading System XETRA® T7 / Continuous Trading

Market Maker (MM): Raiffeisen Bank International AG (CENWI)

ISIN	bond market	CENWI
AT0000A1JVU3	CA Immo 2,75 % Anleihe 16-23	yes
AT0000A1LHT0	1,625% Novomatic-Anl.16-23/S.1	yes
AT0000A1TBC2	CA Immo 1,875% Anleihe 17-24	yes
AT0000A1Y3P7	1,375%voestalpine-Anl.17-24/S1	yes
AT0000A20F93	Wienerberger 2% Bonds 18-24	yes
AT0000A23ST9	UBM DEV. 3,125% Anleihe 18-23	yes
AT0000A24UY3	Borealis 1,75 % Notes 18-25	no
AT0000A27LQ1	voestalpine 1,75% Anl.19-26/S1	yes
AT0000A285H4	S IMMO 1,875% Anl.19-26/S1/19	yes
AT0000A2AX04	UBM 2,75% Anleihe 2019-2025	no
AT0000A2GLA0	Wienerberger 2,75% Bonds 20-25	yes
AT0000A2JSQ5	Pierer Industrie 2,5%Anl.20-28	no
AT0000A2QS11	UBM 3,125% Sustain-Li-Bd.21-26	yes
XS0834371469	OMV 3,5% Anl. 12-27/S.6	yes
XS1140300663	VERBUND 1,50 % Notes 14-24	no
XS1294343337	OMVPerp.Subord.Fix N.2015 NC10	yes
XS1405762805	Telek.Fin.1,5% Anl. 16-26	yes
XS1713462403	OMVPerp.Subord.FixReset N.2018	yes
XS1734689620	OMV 1% Fi.Rate Notes 17-26/S.9	yes
XS1917590876	OMV 0.750% Anleihe 18-23/S10	yes
XS1917590959	OMV AG 1.875% Notes 18-28/S11	yes
XS2022093434	OMV 6y Notes 19-25	yes
XS2022093517	OMV 15y Notes 19-34	yes
XS2099128055	CA Immo 0,875% Anleihe 20-27	no
XS2154347293	OMV 1,5% Anleihe 20-24/S.15	yes
XS2154347707	OMV 2% Anleihe 20-28/S.16	yes
XS2154348424	OMV 2,375% Anleihe 20-32/S.17	yes
XS2189613982	OMV 0,75% Anleihe 20-30/S.19	yes
XS2189614014	OMV 0% Anleihe 20-23/S.18	yes
XS2224439385	OMV Perp.Sub.FixtoRes N.20 NC6	yes
XS2224439971	OMV Perp.Sub.FixtoRes N.20 NC9	yes
XS2248827771	CA Immo 1% Green Bonds 20-25	no
XS2320746394	VERBUND 0,9%Green+Sust.N.21-41	yes
XS2432941693	AT&S Unda.Res.Fixed.Subo.Notes	no
	TOTAL	34

Market Maker - Global Market

- A trading participant who has assumed a Market Maker function shall be considered to have fulfilled its obligations if, in the course of one calendar month, it meets $\geq 50\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period or $\geq 25\%$ of its quotation obligations (Minimum Size and Maximum Spread) during the daily observation period provided that the percentage of the market maker share of the overall turnover (double counting) of the respective instrument is $\geq 40\%$.
- The daily observation period is the time between 09:00 am and 05:30 pm on each trading day.
- When the ATX changes $\pm 3\%$ (versus the closing price of the ATX on the preceding day) the fast market rule is triggered for Market Maker in the market segment global market, the applicable quotation requirements are cancelled by Wiener Börse AG and any failures to meet the requirements on the trading day concerned are not considered.
- In the case of **Exceptional Market Conditions** (EMC) pursuant to Art. a to e Delegated Regulation (EU) 2017/578 the obligation to provide liquidity is cancelled to trading participants committed as market maker. The beginning and end of EMC are announced by the exchange operating company through the trading system (Newsboard).
- If a Market Maker fails to fulfil the obligation within an observation month, there is a reverse of amounts booked for transactions concluded in the relevant month on the basis of principal fees.

For further information please contact Wiener Börse AG (Market Operations):

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Fulfillment of Market Maker Obligations for January 2023

global market

Trading System XETRA® T7 / Continuous Trading

Market Maker (MM): HRTEU Limited (HREDB) Lang & Schwarz TradeCenter AG & Co. KG (LSTDU) Optiver V.O.F. (OPXAM)				
ISIN	global market	HREDB	LSTDU	OPXAM
AT0000A0E9W5	KONTRON AG		yes	yes
AT0000A18XM4	AMS OSRAM AG		yes	
BE0003470755	SOLVAY SA		yes	
BE0003565737	KBC GROEP		yes	
BE0003593044	COFINIMMO		yes	
BE0003717312	SOFINA		yes	
BE0003739530	UCB		yes	
BE0003764785	ACKERMANS VAN HAAREN		yes	
BE0003797140	GBL		yes	
BE0003810273	PROXIMUS		no	
BE0003818359	GALAPAGOS NV		yes	
BE0003822393	ELIA GROUP SA		yes	
BE0003826436	TELENET GROUP		yes	
BE0974256852	COLRUYT		yes	
BE0974258874	BEKAERT		yes	
BE0974264930	AGEAS		yes	
BE0974268972	BPOST		yes	
BE0974276082	ONTEX GROUP		yes	
BE0974293251	ANHEUSER-BUSCH INBEV		yes	
BE0974320526	UMICORE		yes	
BMG667211046	NORWEGIAN CRUISE LINE HOLDINGS		yes	
CNE1000001S0	AIR CHINA LTD-H		yes	
CNE1000001T8	ALUMINUM CORP OF CHINA LTD-H		yes	
CNE1000001Z5	BANK OF CHINA LTD		yes	
CNE100000296	BYD CO LTD-H		yes	
CNE1000002H1	CHINA CONSTRUCTION BANK CORP		yes	
CNE100000338	GREAT WALL MOTOR COMPANY-H		yes	
CNE1000003G1	IND & COMM BK OF CHINA-H		yes	
CNE1000003W8	PETROCHINA CO LTD		yes	
CNE1000003X6	PING AN INSURANCE GROUP CO-H		yes	
CNE1000004L9	WEICHAI POWER CO LTD-H		yes	
CNE1000004Y2	ZTE CORP-H		yes	
CNE100000Q43	AGRICULTURAL BANK OF CHINA-H		yes	
CNE100001TJ4	BAIC MOTOR CORP LTD-H		yes	
DE0005008007	ADLER REAL ESTATE AG		yes	
DE0005089031	UNITED INTERNET AG		yes	
DE0005093108	AMADEUS FIRE AG		yes	
DE0005103006	ADVA SE		yes	
DE0005140008	DEUTSCHE BANK AG		yes	
DE0005158703	BECHTLE AG		yes	
DE0005190003	BAY.MOTOREN WERKE AG		yes	
DE0005190037	BAYERISCHE MOTOREN WERKE VZ		yes	
DE0005194062	BAYWA AG VINK.NA.		yes	
DE0005200000	BEIERSDORF AG		yes	yes
DE0005227235	BIOTEST AG VZ		yes	
DE0005232805	BERTRANDT AG		yes	
DE0005313704	CARL ZEISS MEDITEC AG		yes	
DE0005403901	CEWE STIFTUNG+CO KGAA		yes	
DE0005408116	AAREAL BANK AG		yes	
DE0005408884	LEONI AG		yes	
DE0005419105	CANCOM SE		yes	
DE0005439004	CONTINENTAL AG		yes	
DE0005470306	CTS EVENTIM KGAA		yes	
DE0005470405	LANXESS AG		yes	
DE0005493092	BORUSSIA DORTMUND		yes	
DE0005493365	HYPOPORT AG		yes	
DE0005545503	1&1 AG		yes	
DE0005550636	DRAEGERWERK AG VZ		yes	
DE0005552004	DEUTSCHE POST AG		yes	
DE0005557508	DT.TELEKOM AG		yes	
DE0005565204	DUERR AG		yes	
DE0005664809	EVOTEC SE		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
DE0005772206	FIELMANN AG		yes	
DE0005773303	FRAPORT AG		yes	
DE0005785604	FRESENIUS SE+CO.KGAA		yes	yes
DE0005785802	FRESEN.MED.CARE KGAA		yes	
DE0005800601	GFT TECHNOLOGIES SE		yes	
DE0005810055	DEUTSCHE BOERSE NA		yes	
DE0005878003	DMG MORI AG		yes	
DE0005895403	GRAMMER AG		yes	
DE0005909006	BILFINGER SE		yes	
DE0006047004	HEIDELBERGCEMENT AG		yes	
DE0006048432	HENKEL AG+CO.KGAA VZ		yes	
DE0006062144	COVESTRO AG		yes	
DE0006070006	HOCHTIEF AG		yes	
DE0006083405	HORNBAACH AG+CO KGAA		yes	
DE0006095003	ENCAVIS AG		yes	
DE0006200108	INDUS HOLDING AG		yes	
DE0006202005	SALZGITTER AG		yes	
DE0006219934	JUNGHEINRICH AG VZ		yes	
DE0006231004	INFINEON TECH.AG		yes	
DE0006305006	DEUTZ AG		yes	
DE0006335003	KRONES AG		yes	
DE0006452907	NEMETSCHKE SE		yes	
DE0006569908	MLP AG		yes	
DE0006599905	MERCK KGAA		yes	
DE0006602006	GEA GROUP AG		yes	
DE0006632003	MORPHOSYS AG		yes	
DE0006766504	AURUBIS AG		yes	
DE0006916604	PFEIFFER VACUUM AG		yes	
DE0006969603	PUMA SE		yes	yes
DE0007010803	RATIONAL AG		yes	
DE0007030009	RHEINMETALL AG		yes	
DE0007037129	RWE AG		yes	
DE0007042301	RHOEN-KLINIKUM AG		yes	
DE0007074007	KWS SAAT KGAA		yes	
DE0007100000	MERCEDES BENZ GROUP AG		yes	
DE0007164600	SAP SE		yes	
DE0007165631	SARTORIUS AG VZO		yes	
DE0007193500	KOENIG + BAUER AG		yes	
DE0007231326	SIXT SE		yes	
DE0007235301	SGL CARBON SE		yes	
DE0007236101	SIEMENS AG		yes	
DE0007257503	CECONOMY AG		yes	
DE0007297004	SUEDZUCKER AG		yes	
DE0007314007	HEIDELBERGER DRUCKMASCHINEN AG		yes	
DE0007446007	TAKKT AG		yes	
DE0007480204	DEUTSCHE EUROSHOP AG		yes	
DE0007493991	STROEER SE + CO KGAA		yes	
DE0007500001	THYSSENKRUPP AG		yes	
DE0007507501	WASHTEC AG		yes	
DE0007664039	VOLKSWAGEN AG VZ		yes	
DE0007667107	VOSSLOH AG		yes	
DE0007856023	ELRINGKLINGER AG		yes	
DE0008019001	DEUTSCHE PFANDBRIEFBANK AG		yes	
DE0008051004	WUESTENROT+WUERTTEMBERGISCHE		yes	
DE0008232125	LUFTHANSA AG		yes	
DE0008303504	TAG IMMOBILIEN AG		yes	
DE0008402215	HANNOVER RUECK SE		yes	
DE0008404005	ALLIANZ SE		yes	
DE0008430026	MUENCH.RUECKVERS.		yes	
DE000A0D6554	NORDEX SE		yes	
DE000A0D9PT0	MTU AERO ENGINES AG		yes	
DE000A0DJ6J9	SMA SOLAR AG		yes	
DE000A0DNAY5	BET-AT-HOME.COM AG		yes	
DE000A0HN5C6	DEUTSCHE WOHNEN SE		yes	
DE000A0LD2U1	ALSTRIA OFFICE REIT-AG		yes	
DE000A0LD6E6	GERRESHEIMER AG		yes	
DE000A0S8488	HHLA AG		yes	
DE000A0TGJ55	VARTA AG		yes	
DE000A0WMPJ6	AIXTRON SE		yes	
DE000A0Z2ZZ5	FREENET AG		yes	
DE000A111338	SLM SOLUTIONS GROUP AG		yes	
DE000A12DM80	SCOUT24 SE		yes	
DE000A13SX22	HELLA		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
DE000A161408	HELLOFRESH SE		yes	
DE000A161N30	GRENKE AG		yes	
DE000A1DAH0	BRENNTAG SE		yes	
DE000A1EWWW0	ADIDAS AG		yes	
DE000A1H8BV3	NORMA GROUP SE		yes	
DE000A1J5RX9	TELEFONICA DEUTSCHLAND AG		yes	
DE000A1ML7J1	VONOVIA SE		yes	
DE000A1PHFF7	HUGO BOSS AG		yes	
DE000A1TNUT7	DEUTSCHE BETEILIGUNGS AG		yes	
DE000A1X3W00	MEDIGENE AG		yes	
DE000A1X3X33	WCM AG		yes	
DE000A1X3XX4	DIC ASSET AG		yes	
DE000A288904	COMPUGROUP MEDICAL SE& CO KGAA		yes	
DE000A2E4K43	DELIVERY HERO SE		yes	
DE000A2GS401	SOFTWARE AG		yes	
DE000A2LQ884	AUTO1 GROUP SE		yes	
DE000A2NB601	JENOPTIK AG		yes	
DE000A2TSL71	SYNLAB AG		yes	
DE000A2YN900	TEAMVIEWER AG		yes	
DE000A3E5D64	FUCHS PETROLUB SE VZO		yes	
DE000A3H2333	HAMBORNER REIT AG		yes	
DE000A3H3LL2	VANTAGE TOWERS AG		yes	
DE000BASF111	BASF SE		yes	
DE000BAY0017	BAYER AG		yes	
DE000BFB0019	METRO AG		yes	
DE000CBK1001	COMMERZBANK AG		yes	yes
DE000DTR0CK8	DAIMLER TRUCK HOLDING AG		yes	
DE000DWS1007	DWS GROUP		yes	
DE000ENAG999	E.ON SE		yes	
DE000ENER6Y0	SIEMENS ENERGY AG		yes	
DE000EVNK013	EVONIK INDUSTRIES AG		yes	
DE000HLAG475	HAPAG-LLOYD AG		yes	
DE000KBX1006	KNORR BREMSE AG		yes	
DE000KC01000	KLOECKNER + CO SE		yes	
DE000KGX8881	KION GROUP AG		yes	
DE000KSAG888	K+S AG		yes	
DE000LEG1110	LEG IMMOBILIEN SE		yes	
DE000NRK013	NEW WORK SE		yes	
DE000PAG9113	DR.ING.H.C.F.PORSCHE AG VZ		yes	yes
DE000PAH0038	PORSCHE AUTOMOBIL HLDG-PRF		yes	
DE000PAT1AG3	PATRIZIA IMMOBILIEN SE		yes	
DE000PSM7770	PROSIEBENSAT.1		yes	yes
DE000SAFH001	SAF HOLLAND S.A.		yes	
DE000SHA0159	SCHAEFFLER AG VZ		yes	
DE000SHL1006	SIEMENS HEALTHINEERS AG		yes	
DE000STAB1L8	STABILUS SE		yes	
DE000SYM9999	SYMRISE AG		yes	
DE000TLX1005	TALANX AG		yes	
DE000TRAT0N7	TRATON SE		yes	
DE000UNSE018	UNIPER SE		yes	
DE000VTSC017	VITESCO TECHNOLOGIES GROUP AG		yes	
DE000WACK012	WACKER NEUSON SE		yes	
DE000WAF3001	SILTRONIC AG		yes	
DE000WCH8881	WACKER CHEMIE AG		yes	
DE000ZAL1111	ZALANDO SE		yes	
DK0010181759	CARLSBERG AS		yes	
DK0010244425	AP MOELLER-MAERSK AS A		yes	
DK0010244508	AP MOELLER-MAERSK AS		yes	
DK0010272202	GENMAB AS		yes	
DK0010272632	GN STORE NORD AS		yes	
DK0010274414	DANSKE BANK AS		yes	
DK0015998017	BAVARIAN NORDIC AS		yes	
DK0060079531	DSV AS		yes	
DK0060336014	NOVOZYMES AS		yes	
DK0060448595	COLOPLAST AS		yes	
DK0060534915	NOVO-NORDISK AS		yes	
DK0060636678	TRYG AS		yes	
DK0060738599	DEMANT AS		yes	
DK0061539921	VESTAS WIND SYSTEMS AS		yes	
DK0061804697	H LUNDBECK AS A		yes	
DK0061804770	H LUNDBECK AS B		yes	
ES0105025003	MERLIN PROPERTIES SOCIMI SA		yes	
ES0105046009	AENA SA		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
ES0105066007	CELLNEX TELECOM SA		yes	
ES0105630315	CIE AUTOMOTIVE SA		yes	
ES0109067019	AMADEUS IT GROUP SA		yes	
ES0113211835	BBVA SA		yes	
ES0113679137	BANKINTER SA		yes	
ES0113860A34	BANCO DE SABADELL SA		yes	
ES0113900J37	BANCO SANTANDER SA		yes	
ES0116870314	NATURGY ENERGY GROUP SA		yes	
ES0118594417	INDRA SISTEMAS SA		yes	
ES0118900010	FERROVIAL SA		yes	
ES0124244E34	MAPFRE SA		yes	
ES0125220311	ACCIONA SA		yes	
ES0130670112	ENDESA SA		yes	
ES0130960018	ENAGAS SA		yes	
ES0132105018	ACERINOX SA		yes	
ES0137650018	FLUIDRA SA		yes	
ES0139140174	INMOBILIARIA COLONIAL SA		yes	
ES0140609019	CAIXABANK SA		yes	
ES0143416115	SIEMENS GAMESA SA		yes	
ES0144580Y14	IBERDROLA SA		yes	
ES0148396007	INDUSTRIA DE DISENO TEXTIL SA		yes	
ES0152503035	MEDIASET SA		yes	
ES0157097017	ALMIRALL SA		yes	
ES0157261019	LABORATORIOS FARMACEUTICOS		yes	
ES0165386014	SOLARIA ENERGIA		yes	
ES0167050915	ACS SA		yes	
ES0169501022	PHARMA MAR SA		yes	
ES0171996087	GRIFOLS SA		yes	
ES0173093024	RED ELECTRICA CORPORACION SA		yes	
ES0173516115	REPSOL SA		yes	
ES0176252718	MELIA HOTELS INTERNATIONAL SA		yes	
ES0177542018	INTERNATIONAL AIRLINES SA		yes	
ES0178165017	TECNICAS REUNIDAS SA		yes	
ES0178430E18	TELEFONICA SA		yes	
ES0184262212	VISCOFAN SA		yes	
FI0009000681	NOKIA OYJ		yes	
FI0009005318	NOKIAN RENKAAT OYJ		yes	
FR0000031122	AIR FRANCE-KLM		yes	
FR0000039299	BOLLORE		yes	
FR0000045072	CREDIT AGRICOLE SA		yes	
FR0000051732	ATOS SE		yes	
FR0000051807	TELEPERFORMANCE		yes	
FR0000052292	HERMES INTERNATIONAL SCA		yes	
FR0000054470	UBISOFT ENTERTAINMENT SA		yes	
FR0000073272	SAFRAN SA		yes	
FR0000120073	AIR LIQUIDE SA		yes	
FR0000120172	CARREFOUR SA		yes	
FR0000120271	TOTAL ENERGIES SE		yes	
FR0000120321	L OREAL SA		yes	
FR0000120404	ACCOR SA		yes	
FR0000120503	BOUYGUES SA		yes	
FR0000120578	SANOFI SA		yes	
FR0000120628	AXA SA		yes	
FR0000120644	DANONE SA		yes	
FR0000120693	PERNOD RICARD SA		yes	
FR0000121014	LVMH SE		yes	
FR0000121220	SODEXO SA		yes	
FR0000121329	THALES SA		yes	
FR0000121485	KERING SA		yes	
FR0000121667	ESSILOR INTERNATIONAL SA		yes	
FR0000121709	SEB SA		yes	
FR0000121972	SCHNEIDER ELECTRIC SE		yes	
FR0000124141	VEOLIA ENVIRONNEMENT SA		yes	
FR0000125007	COMPAGNIE DE SAINT GOBAIN SA		yes	
FR0000125338	CAPGEMINI SE		yes	
FR0000125486	VINCI SA		yes	
FR0000127771	VIVENDI SA		yes	
FR0000130395	REMY COINTREAU		yes	
FR0000130403	CHRISTIAN DIOR SE		yes	
FR0000130452	EIFPAGE		yes	
FR0000130577	PUBLICIS GROUPE SA		yes	
FR0000130809	SOCIETE GENERALE SA		yes	
FR0000131104	BNP PARIBAS SA		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
FR0000131906	RENAULT SA		yes	
FR0000133308	ORANGE SA		yes	
FR0000184798	ORPEA		yes	
FR0004056851	VALNEVA SE ST	yes	yes	
FR0004125920	AMUNDI SA		yes	
FR0006174348	BUREAU VERITAS SA		yes	
FR0010040865	GECINA SA		yes	
FR0010208488	ENGIE SA		yes	
FR0010220475	ALSTOM SA		yes	
FR0010242511	ELECTRICITE DE FRANCE SA		yes	
FR0010259150	IPSEN		yes	
FR0010307819	LEGRAND SA		yes	
FR0010313833	ARKEMA		yes	
FR0010340141	ADP		yes	
FR0010533075	GETLINK SE		yes	
FR0010908533	EDENRED		yes	
FR0011981968	WORLDLINE SA		yes	
FR0013154002	SARTORIUS STEDIM BIOTECH		yes	
FR0013176526	VALEO SA		yes	
FR0013280286	BIOMERIEUX		yes	
FR0013326246	WFD UNIBAIL-RODAMCO N.V.		yes	
FR0013447729	VERALLIA SAS		yes	
FR0013451333	LA FRANCAISE DES JEUX SA		yes	
FR0014000MR3	EUROFINS SCIENTIFIC		yes	
FR0014003TT8	DASSAULT SYSTEMES SA		yes	
FR0014004L86	DASSAULT AVIATION SA		yes	
GB00B10RZP78	UNILEVER PLC		yes	
GB00B8W67662	LIBERTY GLOBAL PLC-A		yes	
GB00B8W67B19	LIBERTY GLOBAL PLC- C		yes	
GB00BDSFG982	TECHNIPFMC PLC		yes	
IE00BKVD2N49	SEAGATE TECHNOLOGY HOLDINGS		yes	yes
IE00BTN1Y115	MEDTRONIC PLC		yes	
IE00BZ12WP82	LINDE PLC		yes	
IL0010824113	CHECK POINT SOFTWARE TECH		yes	
IM00B5VQMV65	ENTAIN PLC		yes	
IT0000062072	ASSICURAZIONI GENERALI SPA		yes	
IT0000062957	MEDIOBANCA SPA		yes	
IT0000066123	BANCA POPOLARE SPA		yes	
IT0000072170	FINECOBANK SPA		yes	
IT0000072618	INTESA SANPAOLO SPA		yes	
IT0000336518	JUVENTUS FOOTBALL CLUB SPA		yes	
IT0001031084	BANCA GENERALI SPA		yes	
IT0001233417	A2A SPA		yes	
IT0001250932	HERA SPA		yes	
IT0001347308	BUZZI UNICEM SPA		yes	
IT0003128367	ENEL SPA		yes	
IT0003132476	ENI SPA		yes	
IT0003153415	SNAM SPA		yes	
IT0003242622	TERNA SPA		yes	
IT0003261697	AZIMUT HOLDING SPA		yes	
IT0003492391	DIASORIN SPA		yes	
IT0003497168	TELECOM ITALIA SPA		yes	
IT0003796171	POSTE ITALIANE SPA		yes	
IT0003828271	RECORDATI SPA		yes	
IT0003856405	LEONARDO SPA		yes	
IT0004056880	AMPLIFON SPA		yes	
IT0004176001	PRYSMIAN SPA		yes	
IT0004712375	SALVATORE FERRAGAMO SPA		yes	
IT0004776628	BANCA MEDIOLANUM SPA		yes	
IT0004810054	UNIPOL SPA		yes	
IT0004827447	UNIPOLSAI SPA		yes	
IT0004965148	MONCLER SPA		yes	
IT0005211237	ITALGAS SPA		yes	
IT0005218380	BANCO BPM SPA		yes	
IT0005239360	UNICREDIT SPA		yes	
IT0005252728	BREMBO SPA		yes	
IT0005278236	PIRELLI SPA		yes	
IT0005366767	NEXI SPA		yes	
IT0005495657	SAIPEM SPA		yes	
JP3143600009	ITOCHU CORP		yes	
JP3151600008	IWATANI CORP		yes	
JP3242800005	CANON INC		yes	
JP3304200003	KOMATSU LTD		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
JP3358000002	SHIMANO INC		yes	
JP3435000009	SONY CORP		yes	
JP3436100006	SOFTBANK GROUP CORP		yes	
JP3463000004	TAKEDA PHARMACEUTICAL CO LTD		yes	
JP3481800005	DAIKIN INDUSTRIES LTD		yes	
JP3592200004	TOSHIBA CORP		yes	
JP3633400001	TOYOTA MOTOR CORP		yes	
JP3672400003	NISSAN MOTOR CO LTD		yes	
JP3726800000	JAPAN TOBACCO INC		yes	
JP3734800000	NIDEC CORP		yes	
JP3735400008	NIPPON TELEGRAPH + TELEPHONE		yes	
JP3756600007	NINTENDO CO LTD		yes	
JP3802400006	FANUC CORP		yes	
JP3866800000	PANASONIC CORP		yes	
JP3898400001	MITSUBISHI CORP		yes	
JP3967200001	RAKUTEN INC		yes	
KYG3777B1032	GEELY AUTOMOBILE HOLDINGS LT		yes	
KYG875721634	TENCENT HOLDINGS LTD		yes	
LU0061462528	RTL GROUP SA		yes	
LU0156801721	TENARIS SA		yes	
LU0251710041	CPI PROPERTY GROUP SA		no	
LU0569974404	APERAM		yes	
LU0775917882	GRAND CITY PROPERTIES SA		yes	
LU1250154413	ADLER GROUP S.A.		yes	
LU1598757687	ARCELORMITTAL SA		yes	
LU1673108939	AROUNDTOWN SA		yes	
LU1704650164	BEFESA SA		yes	
LU1778762911	SPOTIFY TECHNOLOGY SA		yes	
LU2010095458	GLOBAL FASHION GROUP S.A.		yes	
LU2333210958	SUSE S.A.		yes	
NL0000008977	HEINEKEN HOLDING NV		yes	
NL0000009082	KPN NV		yes	
NL0000009165	HEINEKEN NV		yes	
NL0000009538	PHILIPS NV		yes	
NL0000009827	DSM NV		yes	
NL0000226223	STMICROELECTRONICS NV		yes	
NL0000235190	AIRBUS SE		yes	
NL0000303709	AEGON NV		yes	
NL0000334118	ASM INTERNATIONAL NV		yes	
NL0000360618	SBM OFFSHORE NV		yes	
NL0000379121	RANDSTAD NV		yes	
NL0000395903	WOLTERS KLUWER NV		yes	
NL0000852564	AALBERTS INDUSTRIES NV		yes	
NL0006294274	EURONEXT NV		yes	
NL0009432491	VOPAK NV		yes	
NL0009538784	NXP SEMICONDUCTORS NV		yes	
NL0010273215	ASML HOLDING NV		yes	
NL0010545661	CNH INDUSTRIAL NV		yes	
NL0010773842	NN GROUP		yes	
NL0010801007	IMCD NV		yes	
NL0010832176	ARGENX SE		yes	
NL0011540547	ABN AMRO GROUP NV		yes	
NL0011585146	FERRARI NV		yes	
NL0011794037	AHOLD DELHAIZE NV		yes	
NL0011821202	ING GROEP NV		yes	
NL0011821392	SIGNIFY NV		yes	
NL0012015705	JUST EAT TAKEAWAY		yes	
NL0012044747	SHOP APOTHEKE EUROPE NV		yes	
NL0012059018	EXOR NV		yes	
NL0012169213	QIAGEN NV		yes	
NL0012866412	BE SEMICONDUCTOR INDUSTRIES		yes	
NL0012969182	ADYEN NV		yes	
NL0013267909	AKZO NOBEL NV		yes	
NL0013332471	TOMTOM NV		yes	
NL0013654783	PROSUS NV		yes	
NL0014332678	JDE PEETS		yes	
NL00150001Q9	STELLANTIS N.V.		yes	
NL0015000IY2	UNIVERSAL MUSIC GROUP B.V.		yes	
NL0015000LU4	IVECO GROUP NV		yes	
NL0015000N09	MFE MEDIAFOREUROPE NV B		yes	
NL0015436031	CUREVAC NV		yes	
US0010551028	AFLAC INC		yes	
US00165C1045	AMC ENTERTAINMENT INC		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
US00206R1023	AT&T INC		yes	
US0028241000	ABBOTT LABORATORIES		yes	
US00287Y1091	ABBVIE INC		yes	
US00486H1059	ADTRAN HOLDINGS INC		yes	
US00507V1098	ACTIVISION BLIZZARD INC		yes	
US00724F1012	ADOBE SYSTEMS INC		yes	yes
US0079031078	ADVANCED MICRO DEVICES INC		yes	yes
US0090661010	AIRBNB INC-CLASS A		yes	
US0091581068	AIR PRODUCTS & CHEMICALS INC		yes	
US00971T1016	AKAMAI TECHNOLOGIES INC		yes	
US0126531013	ALBEMARLE CORP		yes	yes
US0138721065	ALCOA CORP		yes	yes
US01609W1027	ALIBABA GROUP HOLDING-SP ADR		yes	
US0162551016	ALIGN TECHNOLOGY INC		yes	
US0200021014	ALLSTATE CORP		yes	
US02079K1079	ALPHABET INC-CL C		yes	yes
US02079K3059	ALPHABET INC-CL A		yes	yes
US02156B1035	ALTERYX INC - CLASS A		yes	
US02209S1033	ALTRIA GROUP INC		yes	
US0231351067	AMAZON.COM INC		yes	yes
US02376R1023	AMERICAN AIRLINES GROUP INC		yes	
US0255371017	AMERICAN ELECTRIC POWER CORP		yes	
US0258161092	AMERICAN EXPRESS CO		yes	
US0268747849	AMERICAN INTERNATIONAL GROUP		yes	
US03027X1000	AMERICAN TOWER CORP		yes	
US0304201033	AMERICAN WATER WORKS COMPANY		yes	yes
US03073E1055	AMERISOURCEBERGEN CORP		yes	
US03076C1062	AMERIPRISE FINANCIAL INC		yes	
US0311001004	AMETEK INC		yes	
US0311621009	AMGEN INC		yes	yes
US0320951017	AMPHENOL CORP-CL A		yes	
US0326541051	ANALOG DEVICES INC		yes	
US03662Q1058	ANSYS INC		yes	
US0367521038	ELEVANCE HEALTH INC		yes	
US0378331005	APPLE INC		yes	yes
US0382221051	APPLIED MATERIALS INC		yes	yes
US0394831020	ARCHER-DANIELS-MIDLAND CO		yes	yes
US0404131064	ARISTA NETWORKS INC		yes	
US0527691069	AUTODESK INC		yes	yes
US0530151036	AUTOMATIC DATA PROCESSING		yes	
US0533321024	AUTOZONE INC		yes	
US0534841012	AVALONBAY COMMUNITIES INC		yes	
US05352A1007	AVANTOR INC		yes	
US0567521085	BAIDU INC - SPON ADR		yes	
US05722G1004	BAKER HUGHES CO		yes	
US0584981064	BALL CORP		yes	
US0605051046	BANK OF AMERICA CORP		yes	
US0640581007	BANK OF NEW YORK MELLON CORP		yes	
US0708301041	BATH & BODY WORKS, INC.		yes	
US0718131099	BAXTER INTERNATIONAL INC		yes	
US0758871091	BECTON DICKINSON AND CO		yes	
US0758961009	BED BATH & BEYOND INC		yes	
US0846701086	BERKSHIRE HATHAWAY INC		yes	
US0846707026	BERKSHIRE HATHAWAY INC		yes	
US08862E1091	BEYOND MEAT INC		yes	yes
US09061G1013	BIOMARIN PHARMACEUTICAL INC		yes	
US09062X1037	BIOGEN INC		yes	yes
US09075V1026	BIONTECH SE ADR		yes	yes
US09247X1019	BLACKROCK INC		yes	
US0937121079	BLOOM ENERGY CORP A		yes	
US0970231058	BOEING CO		yes	
US09857L1089	BOOKING HOLDINGS INC		yes	yes
US1011371077	BOSTON SCIENTIFIC CORP		yes	
US1101221083	BRISTOL-MYERS SQUIBB CO		yes	
US11135F1012	BROADCOM INC		yes	
US1255231003	CIGNA CORP		yes	
US12572Q1058	CME GROUP INC		yes	
US1264081035	CSX CORP		yes	
US1266501006	CVS HEALTH CORP		yes	
US1273871087	CADENCE DESIGN SYS INC		yes	
US14040H1059	CAPITAL ONE FINANCIAL CORP		yes	yes
US14448C1045	CARRIER GLOBAL CORP		yes	
US1491231015	CATERPILLAR INC		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
US16119P1084	CHARTER COMMUNICATIONS INC-A		yes	
US1667641005	CHEVRON CORP		yes	
US1696561059	CHIPOTLE MEXICAN GRILL INC		yes	
US1713401024	CHURCH & DWIGHT CO INC		yes	
US17275R1023	CISCO SYSTEMS INC		yes	
US1729081059	CINTAS CORP		yes	yes
US1729674242	CITIGROUP INC		yes	yes
US1912161007	COCA-COLA CO		yes	yes
US1921085049	COEUR MINING INC		yes	no
US1924461023	COGNIZANT TECH SOLUTIONS-A		yes	
US19260Q1076	COINBASE GLOBAL INC		yes	yes
US1941621039	COLGATE-PALMOLIVE CO		yes	
US20030N1019	COMCAST CORP-CLASS A		yes	
US20825C1045	CONOCOPHILLIPS		yes	
US2091151041	CONSOLIDATED EDISON INC		yes	
US21036P1084	CONSTELLATION BRANDS INC-A		yes	
US2193501051	CORNING INC		yes	
US22052L1044	CORTEVA INC		yes	
US22160K1051	COSTCO WHOLESALE CORP		yes	
US22822V1017	CROWN CASTLE INTL CORP		yes	
US2310211063	CUMMINS INC		yes	
US2358511028	DANAHER CORP		yes	
US23804L1035	DATADOG INC A		yes	
US2441991054	DEERE & CO		yes	
US24703L2025	DELL TECHNOLOGIES INC		yes	
US2473617023	DELTA AIR LINES INC		yes	
US24906P1093	DENTSPLY SIRONA INC		yes	
US25179M1036	DEVON ENERGY CORP		yes	
US2521311074	DEXCOM INC		yes	
US2546871060	WALT DISNEY CO		yes	yes
US2547091080	DISCOVER FINANCIAL SERVICES		yes	
US25470M1099	DISH NETWORK CORP-A		yes	
US2566771059	DOLLAR GENERAL CORP		yes	
US2567461080	DOLLAR TREE INC		yes	
US25746U1097	DOMINION ENERGY INC		yes	
US25754A2015	DOMINOS PIZZA INC		yes	yes
US2605571031	DOW INC		yes	
US26210C1045	DROPBOX INC		yes	
US26441C2044	DUKE ENERGY CORP		yes	
US26614N1028	DUPONT DE NEMOURS INC		yes	
US26875P1012	EOG RESOURCES INC		yes	yes
US2786421030	EBAY INC		yes	yes
US2788651006	ECOLAB INC		yes	
US28176E1082	EDWARDS LIFESCIENCES CORP		yes	
US2855121099	ELECTRONIC ARTS INC		yes	
US2910111044	EMERSON ELECTRIC CO		yes	
US29355A1079	ENPHASE ENERGY INC		yes	
US2944291051	EQUIFAX INC		yes	
US29444U7000	EQUINIX INC		yes	
US29786A1060	ETSY INC		yes	yes
US30040W1080	EVERSOURCE ENERGY		yes	
US30161N1019	EXELON CORP		yes	
US30212P3038	EXPEDIA INC		yes	
US30231G1022	EXXON MOBIL CORP		yes	yes
US30303M1027	META PLATFORMS INC-A		yes	yes
US3119001044	FASTENAL CO		yes	
US31428X1063	FEDEX CORP		yes	
US31620M1062	FIDELITY INC		yes	
US33616C1009	FIRST REPUBLIC BANK/CA		yes	
US3364331070	FIRST SOLAR INC		yes	
US3377381088	FISERV INC		yes	
US3448491049	FOOT LOCKER INC		yes	
US3453708600	FORD MOTOR CO		yes	
US34988V1061	FOSSIL GROUP INC		yes	
US35671D8570	FREEMPORT-MCMORAN INC		yes	yes
US35952H6018	FUELCELL ENERGY INC		yes	
US36467W1099	GAMESTOP CORP A		yes	
US3695501086	GENERAL DYNAMICS CORP		yes	
US3696043013	GENERAL ELECTRIC CO		yes	
US3703341046	GENERAL MILLS INC		yes	
US37045V1008	GENERAL MOTORS CO		yes	yes
US3755581036	GILEAD SCIENCES INC		yes	yes
US37940X1028	GLOBAL PAYMENTS INC		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
US38141G1040	GOLDMAN SACHS GROUP INC		yes	
US3825501014	GOODYEAR TIRE & RUBBER CO		yes	yes
US38268T1034	GOPRO INC		yes	
US3848021040	WW GRAINGER INC		yes	
US3994732069	GROUPON INC		yes	no
US40434L1052	HP INC		yes	yes
US4062161017	HALLIBURTON CO		yes	yes
US4128221086	HARLEY-DAVIDSON INC		yes	
US4180561072	HASBRO INC		yes	
US4278661081	HERSHEY CO/THE		yes	
US42809H1077	HESS CORP		yes	
US42824C1099	HEWLETT PACKARD ENTERPRISE		yes	
US43300A2033	HILTON WORLDWIDE HOLDINGS INC		yes	
US4364401012	HOLOGIC INC		yes	
US4370761029	HOME DEPOT INC		yes	
US4385161066	HONEYWELL INTERNATIONAL INC		yes	
US4404521001	HORMEL FOODS CORP		yes	
US4432011082	HOWMET AEROSPACE INC		yes	
US4456581077	HUNT (JB) TRANSPRT SVCS INC		yes	
US45168D1046	IDEXX LABORATORIES INC		yes	
US4523081093	ILLINOIS TOOL WORKS		yes	
US4523271090	ILLUMINA INC		yes	
US4567881085	INFOSYS LTD-SP ADR		yes	
US4581401001	INTEL CORP		yes	yes
US45866F1049	INTERCONTINENTAL EXCHANGE INC		yes	
US4592001014	INTL BUSINESS MACHINES CORP		yes	
US4595061015	INTL FLAVORS & FRAGRANCES		yes	
US4612021034	INTUIT INC		yes	
US46120E6023	INTUITIVE SURGICAL INC		yes	
US46266C1053	IQVIA HOLDINGS INC		yes	
US4627261005	IROBOT CORP		yes	no
US46591M1099	JOYY INC ADR		yes	
US46625H1005	JPMORGAN CHASE & CO		yes	yes
US47215P1066	JD.COM INC-ADR		yes	
US47759T1007	JINKOSOLAR HOLDING CO ADR		yes	
US4781601046	JOHNSON & JOHNSON		yes	yes
US48138M1053	JUMIA TECHNOLOGIES AG-ADR		yes	
US4824801009	KLA-TENCOR CORP		yes	yes
US4878361082	KELLOGG CO		yes	yes
US49271V1008	KEURIG DR PEPPER INC		yes	no
US4932671088	KEYCORP		yes	
US49338L1035	KEYSIGHT TECHNOLOGIES IN		yes	
US4943681035	KIMBERLY-CLARK CORP		yes	
US49456B1017	KINDER MORGAN INC		yes	
US5007541064	KRAFT HEINZ CO		yes	yes
US5010441013	KROGER CO		yes	yes
US50155Q1004	KYNDRYL HOLDINGS INC		yes	
US50186V1026	LG DISPLAY CO LTD-ADR		yes	
US5024311095	L3HARRIS TECHNOLOGIES INC		yes	
US5128071082	LAM RESEARCH CORP		yes	
US5178341070	LAS VEGAS SANDS CORP		yes	
US5184391044	ESTEE LAUDER COMPANIES-CL A		yes	
US52736R1023	LEVI STRAUSS & CO- CLASS A		yes	
US5324571083	ELI LILLY CO		yes	yes
US5398301094	LOCKHEED MARTIN CORP		yes	yes
US5486611073	LOWES COS INC		yes	
US5500211090	LULULEMON ATHLETICA INC		yes	
US55087P1049	LYFT INC-A		yes	
US55354G1004	MSCI INC		yes	
US55616P1049	MACYS INC		yes	yes
US56585A1025	MARATHON PETROLEUM CORP		yes	
US5717481023	MARSH & MCLENNAN CO INC		yes	
US5719032022	MARRIOTT INTERNATIONAL -CL A		yes	
US5738741041	MARVELL TECHNOLOGY INC		yes	
US57636Q1040	MASTERCARD INC		yes	
US57667L1070	MATCH GROUP INC		yes	
US5770811025	MATTEL INC		yes	
US5797802064	MCCORMICK & CO-NON VTG SHRS		yes	
US5801351017	MCDONALDS CORP		yes	yes
US58039P3055	MCEWEN MINING INC		yes	
US58733R1023	MERCADOLIBRE INC		yes	yes
US58933Y1055	MERCK & CO. INC.		yes	
US59156R1086	METLIFE INC		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
US5926881054	METTLER-TOLEDO INTERNATIONAL		yes	
US5949181045	MICROSOFT CORP		yes	yes
US5950171042	MICROCHIP TECHNOLOGY INC		yes	
US5951121038	MICRON TECHNOLOGY INC		yes	
US60770K1079	MODERNA INC		yes	yes
US6092071058	MONDELEZ INTERNATIONAL INC-A		yes	
US61174X1090	MONSTER BEVERAGE CORP		yes	
US6153691059	MOODYS CORP		yes	
US6174464486	MORGAN STANLEY		yes	
US6200763075	MOTOROLA SOLUTIONS INC		yes	
US6311031081	NASDAQ INC		yes	
US64110L1061	NETFLIX INC		yes	yes
US64110W1027	NETEASE INC-ADR		yes	
US6516391066	NEWMONT MINING CORP		yes	yes
US65339F1012	NEXTERA ENERGY INC		yes	
US6541061031	NIKE INC -CL B		yes	
US6541101050	NIKOLA CORP		yes	yes
US6558441084	NORFOLK SOUTHERN CORP		yes	yes
US6668071029	NORTHROP GRUMMAN CORP		yes	yes
US6687711084	NORTONLIFELOCK INC		yes	
US67066G1040	NVIDIA CORP		yes	yes
US67103H1077	O REILLY AUTOMOTIVE INC		yes	
US6826801036	ONEOK INC		yes	
US68389X1054	ORACLE CORP		yes	
US68902V1070	OTIS WORLDWIDE CORP		yes	
US69331C1080	PG & E CORP		yes	
US6934751057	PNC FINANCIAL SERVICES GROUP		yes	
US6935061076	PPG INDUSTRIES INC		yes	
US6937181088	PACCAR INC		yes	
US69608A1088	PALANTIR TECHNOLOGIES INC-A		yes	
US6974351057	PALO ALTO NETWORKS INC		yes	
US7010941042	PARKER HANNIFIN CORP		yes	
US7043261079	PAYCHEX INC		yes	
US70450Y1038	PAYPAL HOLDINGS INC		yes	yes
US70614W1009	PELTON INTERACTIVE INC-A		yes	yes
US7134481081	PEPSICO INC		yes	
US7170811035	PFIZER INC		yes	
US7181721090	PHILIP MORRIS INTERNATIONAL		yes	
US7185461040	PHILLIPS 66 CORP		yes	
US72919P2020	PLUG POWER INC		yes	yes
US74144T1088	T ROWE PRICE GROUP INC		yes	
US7427181091	PROCTER & GAMBLE CO		yes	yes
US74340W1036	PROLOGIS INC		yes	
US7437131094	PROTO LABS INC		yes	
US7443201022	PRUDENTIAL FINANCIAL INC		yes	
US7445731067	PUBLIC SERVICE ENTERPRISE GP		yes	
US7475251036	QUALCOMM INC		yes	yes
US74915M1009	QURATE RETAIL GROUP INC		yes	
US75513E1010	RAYTHEON TECHNOLOGIES CORP		yes	
US75886F1075	REGENERON PHARMACEUTICALS		yes	
US7594701077	RELIANCE INDS-SPONS GDR 144A		yes	
US7611521078	RESMED INC		yes	
US7739031091	ROCKWELL AUTOMATION INC		yes	
US7782961038	ROSS STORES INC		yes	
US78409V1044	S+P GLOBAL INC		yes	
US78486Q1013	SVB FINANCIAL GROUP		yes	
US79466L3024	SALESFORCE.COM INC		yes	yes
US7960502018	SAMSUNG ELECTRO-REGS GDR PFD		yes	
US7960508882	SAMSUNG ELECTR-GDR		yes	
US8064071025	HENRY SCHEIN INC		yes	
US8085131055	CHARLES SCHWAB CORP		yes	
US8168511090	SEMPRA ENERGY		yes	
US81762P1021	SERVICENOW INC		yes	
US8243481061	SHERWIN-WILLIAMS CO		yes	
US8288061091	SIMON PROPERTY GROUP INC		yes	
US82968B1035	SIRIUS XM HOLDINGS INC		yes	
US83088M1027	SKYWORKS SOLUTIONS INC		yes	
US83304A1060	SNAP INC		yes	yes
US8334451098	SNOWFLAKE INC-CLASS A		yes	yes
US83410S1087	SOHU.COM LTD-ADR		yes	
US83417M1045	SOLAREDGE TECHNOLOGIES INC		yes	yes
US83570H1086	SONOS INC		yes	
US8425871071	SOUTHERN CO		yes	

ISIN	global market	HREDB	LSTDU	OPXAM
US8447411088	SOUTHWEST AIRLINES CO		yes	
US8522341036	BLOCK INC - A		yes	yes
US8545021011	STANLEY BLACK & DECKER INC		yes	
US8552441094	STARBUCKS CORP		yes	
US8574771031	STATE STREET CORP		yes	
US8636671013	STRYKER CORP		yes	
US86771W1053	SUNRUN INC		yes	
US8716071076	SYNOPSYS INC		yes	
US8718291078	SYSCO CORP		yes	
US8725401090	TJX COMPANIES INC		yes	
US8725901040	T-MOBILE US INC		yes	
US8740391003	TAIWAN SEMICONDUCTOR-SP ADR		yes	
US8740541094	TAKE-TWO INTERACTIVE SOFTWARE		yes	
US87612E1064	TARGET CORP		yes	
US8765685024	TATA MOTORS LTD-SPON ADR		no	
US88032Q1094	TENCENT HOLDINGS LTD-UNS ADR		yes	
US88160R1014	TESLA INC		yes	yes
US8816242098	TEVA PHARMACEUTICAL ADR		yes	
US8825081040	TEXAS INSTRUMENTS INC		yes	yes
US88339J1051	TRADE DESK INC/THE -CLASS A		yes	
US8835561023	THERMO FISHER SCIENTIFIC INC		yes	
US88554D2053	3D SYSTEMS CORP		yes	no
US88579Y1010	3M CO		yes	
US88688T1007	TILRAY BRANDS INC		yes	
US8923561067	TRACTOR SUPPLY COMPANY		yes	
US89417E1091	TRAVELERS COS INC		yes	
US89677Q1076	TRIP.COM GROUP LTD		yes	
US89686D1054	TRIVAGO NV ADR		yes	
US8969452015	TRIPADVISOR INC		yes	yes
US89832Q1094	TRUIST FINANCIAL CORP		yes	
US90138F1021	TWILIO INC - A		yes	
US9024941034	TYSON FOODS INC-CL A		yes	
US9029733048	US BANCORP		yes	
US90353T1007	UBER TECHNOLOGIES INC		yes	
US90384S3031	ULTA BEAUTY INC		yes	
US9043111072	UNDER ARMOUR INC - CLASS A		yes	
US9043112062	UNDER ARMOUR INC - CLASS C		yes	
US9078181081	UNION PACIFIC CORP		yes	yes
US9113121068	UNITED PARCEL SERVICE INC		yes	
US91324P1021	UNITEDHEALTH GROUP INC		yes	
US9168961038	URANIUM ENERGY CORP		yes	
US9182041080	VF CORP		yes	
US91913Y1001	VALERO ENERGY CORP		yes	
US9224751084	VEEVA SYSTEMS INC A		yes	
US92343V1044	VERIZON COMMUNICATIONS INC		yes	yes
US92345Y1064	VERISK ANALYTICS INC		yes	
US92532F1003	VERTEX PHARMACEUTICALS INC		yes	yes
US92556H2067	PARAMOUNT GLOBAL- CLASS B		yes	
US92556V1061	VIATRIS INC		yes	
US92826C8394	VISA INC-CLASS A SHARES		yes	yes
US9285634021	VMWARE INC		yes	
US92857W3088	VODAFONE GROUP PLC-SP ADR		yes	
US9297401088	WABTEC CORP		yes	
US9311421039	WAL-MART STORES INC		yes	yes
US9314271084	WALGREENS BOOTS ALLIANCE INC		yes	
US9345502036	WARNER MUSIC GROUP CORP-CL A		yes	
US94106L1098	WASTE MANAGEMENT INC		yes	yes
US9485961018	WEIBO CORP ADR		yes	
US9497461015	WELLS FARGO & CO		yes	
US9581021055	WESTERN DIGITAL CORP		yes	
US9694571004	WILLIAMS COS INC		yes	
US97651M1099	WIPRO LTD-ADR		yes	
US98262P1012	WW INTERNATIONAL INC		yes	
US98389B1008	XCEL ENERGY INC		yes	
US9858171054	YELP INC		yes	
US9884981013	YUM! BRANDS INC		yes	yes
US98956P1021	ZIMMER BIOMET HOLDINGS INC		yes	
US98978V1035	ZOETIS INC		yes	
US98980L1017	ZOOM VIDEO COMMUNICATIONS-A		yes	
USN070592100	ASML HOLDING NV-NY REG SHS		yes	
TOTAL		1	789	88