

31 July 2019

Instrument Change

Referential Update 2019-2112 - Instrument changes effective 01 August 2019

Please be aware of the instrument changes below effective 01 August 2019:

Name	MIC	ISIN	Symbol	CCY	Segment	Tick Table	Action	Region
CLARANOVA	XPAR	FR0004026714	CLAp	EUR	FR	600_2000	DELETE	ALL
XING SE	XETR	DE000XNG8888	O1BCd	EUR	DE	9000_	DELETE	ALL
SAG GEST-SOLUCOES AUTOMOVEL	XLIS	PTSAG0AE0004	SVAu	EUR	PT	10_80	DELETE	ALL
INDEPENDENT NEWS & MEDIA PLC	XDUB	IE00B59HWB19	IPDCi	EUR	IE	10_80	DELETE	ALL
NEW YORK SE	XETR	DE000NWRK013	NWOd	EUR	DE	9000_	ADD	ALL
CLARANOVA	XPAR	FR0013426004	CLAp	EUR	FR	9000_	ADD	ALL

Please make all necessary changes.

Best Regards

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