

07 November 2019

Instrument Change

Referential Update 2019-2167 - Instrument changes effective 08 November 2019

Please be aware of instrument changes below effective 08 November 2019:

Name	MIC	ISIN	Symbol	CCY	Segment	Tick Table	Action
M&C SPA	MTAA	IT0003955009	MECm	EUR	IT	10_80	DELETE
VANGUARD FTSE JAPAN UCITS	XLON	IE00B95PGT31	VDJPI	USD	GB	T_0.0025	DELETE
BCA MARKETPLACE PLC	XLON	GB00BP0S1D85	BCA1	GBX	GB	600_2000	DELETE
VANGUARD S&P 500 UCITS ETF	XLON	IE00B3XXRP09	VUSD1	USD	GB	T_0.0025	DELETE
VANGUARD FTSE JAPAN UCITS	XLON	IE00B95PGT31	VDJPI	USD	EB	T_0.0025	ADD
VANGUARD S&P 500 UCITS ETF	XLON	IE00B3XXRP09	VUSD1	USD	EB	T_0.0025	ADD

Please make all necessary changes.

Best Regards

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