

TRADING EXECUTION VENUES (Q2/2019)

LIT

Austria	WBAH
Belgium	XBRU
Denmark	XCSE
Finland	XHEL
France	XPAR
Germany	XETR
Ireland	XDUB
Italy	XMIL
Netherlands	XAMS
Norway	XOSL
Portugal	XLIS
Spain	XMAD
Sweden	XSTO
Switzerland	XSWX, XVTX
UK	XLON

LIT-MTF

Aquis	AQXE
CBOE BXE	BATE
CBOE Chi-X	CHIX
Turquoise	TRQX

Dark MTF

CBOE Dark	BATD
CBOE Chi-X Dark	CHID
ITG Posit	XPOS
Liquidnet MTF	LIQU
MS MTF dark	MSCX
NASDAQ Nordic	DNDK, DNFI, DCSE, DHEL, DSTO
Oslo North Sea	XOSD
SIGMA X	SGMX
Swiss-at-Mid	XSWM
Turquoise Uncross	TRQM
UBS MTF	XUBS

Conditional Venues/LIS

CBOE LIS	LISX
TRQ Plato BDS	TRQM
ITG Posit Alert	XPOS
Liquidnet H2O	LIQU

Periodic Auction

Aquis	AQXA, AQEA
CBOE PA	BATP
MS MTF Auction Book	MSAX
NASDAQ PA	MCSE, MHEL, MSTO
Oslo Periodic Auction	XOAA, XOSA
Posit Auction	XPAC
SIGMA X MTF	SGMY
Turquoise Lit Auction	TRQA
UBS MTF Periodic Auction	XUMP

Bank SI

Credit Suisse	SICS
Morgan Stanley	MSSI
JP Morgan	JPSI
Goldman Sachs	GSSI

ELP SI

Citadel	CCEU
Hudson River	HRSI, HREU
Jane Street	JSSI
Jump	JLEU
Sun Trading	STSI
Tower	TRSI
Virtu	VFSI
XTX	XTXM