TRADING EXECUTION VENUES (Q2/2024)

(according to German Securities Trading Act (WpHG), Section 82)

LIT

Country	Venues
Austria	WBAH, XWBO, XVIE
Belgium	XBRU, ALXB, TNLB
Denmark	XCSE
Finland	XHEL, FSME
France	XPAR, ALXP, LNEQ, XMLI, DPAR
Germany (1)	XETR, XETA, XETB, XETS, XFRA, XMUN, XGAT, XHAM
Germany (2)	EQTA, EQTB, EQTC, FRAA, FRAB, EBLX, ERFQ, XSTU
Greece	XATH
Ireland	XDUB, XMSM, XESM, DDUB
Italy	XMIL, MTAA, ETFP, XAIM, EXGM, MTAH, BGEM, DMIL
Netherlands	XAMS, DAMS
Norway	XOSL, MERK
Portugal	XLIS
Spain	XMAD, GROW, XMCE
Sweden	XSTO, SSME, FNSE, MNSE, ONSE, DNSE
Switzerland	XSWX, XBRN
UK	XLON, XLOM, AIMX

NYSE	XNYS, ARCX, XCIS, XCHI, XASE, NYSD
NASDAQ	XNAS, NASD, XPSX, XPHL, XNMS, XCXD, XNGS, MELO
Toronto	XTSE, XTSX, MATN, CHIC, NEOD, NEOE, NEON, XATS, OMGA, XCX2, LYNX, XCNQ, LICA, PURE, XICX, CSE2, XATX
other US-venues	BATS, BATY, EDGA, EDGD, EDGX, JPMX, UBSA, SGMA, SGMT, IEXG, IEXD, JSJX, ARCD, BOSD, CAES, XBOS, XBOX, EPRL, DBSX, EBXV, CODA, ICBX, OTCN, OOTC, XTXD, XTSM, HRTX, IATS, XSTM, CGXS, INTL ITGI, XOTC, MSPL, BAML, BARX, KNEM, KNLI, CDED, LEVL, GSCO, BIDS, BLKX, BZXD, INCR, MEMX, UBSP, VFMI, VCRS, PINX, STFX, CPGX, BNPC, HRTF, LIUS, ASPN, LTSE, EDDP, STRM, LIUH, ONEC, GOTC JSES

LIT-MTF

Venue	Codes
Aquis	AQXE, AQEU
CBOE BXE	BATE
CBOE Chi-X	CHIX
Turquoise	TRQX, TQEX
Bloomberg	BMTF, BTFE

Dark MTF

Venue	Codes
Aquis	AQED, AQXD
CBOE BXE dark	BATD
CBOE CXE dark	CHID
CBOE Europe NL dark	CEUD, CEUO, CEUX
Virtu Posit	XPOS, XPOL
Liquidnet MTF	LIQU, LEUE
MS MTF dark	MSCX
NASDAQ Nordic	DNDK, DNFI, DCSE, DHEL, DSTO
Oslo North Sea	XOSD
SIGMA X	SGMX, SGMU
Swiss-at-Mid	XSWM
Swiss EBBO	XSEB
Turquoise Uncross	TRQM, TQEM
UBS MTF	XUBS
Instinet	BLOX

Conditional Venues/LIS

Venue	Codes
CBOE LIS	LISX, LISZ
TRQ Plato BDS	TRQM
Virtu Posit Alert	XPOS
Liquidnet H2O	LIQU, LEUE

Periodic Auction

Venue	Codes
Aquis	AQXA, AQEA
CBOE PA	BATP, BATF
CBOE Europe NL PA	BEUP
MS MTF Auction Book	MSAX
NASDAQ PA	MCSE, MHEL, MSTO, MNDK, MNFI, MOSE
Oslo Periodic Auction	XOAA, XOSA
Virtu Posit Auction	XPAC, XPAL
SIGMA X MTF	SGMY, SGMV
Turquoise Lit Auction	TRQA, TQEA
UBS MTF Periodic Auction	XUMP

Bank SI

Bank	Codes
Morgan Stanley	MSSI, MESI, MSEU, MSIP
JP Morgan	JPSI, JPBX, JPEU
Goldman Sachs	GSSI, GSEI
Barclays Capital	BCSI
UBS	UBSY, UBSI
Merrill Lynch	MLSI
RBC	RBCE

ELP SI

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

STIFEL