



## Market Maker Order (MMO) TEST SCHEDULE & ORDER BOOKS

### Schedule Description

The following list of order books will be populated with MMO orders on both sides of the book and updated in 1-5 minute intervals every day during NTF working hours. During the testing period this can be changed anytime without prior notification.

- **NOTE:** The availability of MMO orders is provided on best effort basis taking in to account individual order book configuration and activity in the test environment.

For any further details, please contact Nasdaq Cash Equity Operations at [operator@nasdaq.com](mailto:operator@nasdaq.com) or call +46 8405 6410.

### APPLICABLE ORDER BOOKS

Symbol	Order Book ID	ISIN	MIC
MINILSOELVNOND01	141484	DK0060879658	FNDK
SHRTHOPEANONF30	145754	FI4000285317	FNFI
BLANKA ERIC N	95875	SE0005136876	FNSE
BLANKA ATLAS N	95872	SE0005136843	FNSE
SAN9C 180SHB	153363	SE0010859751	FNSE
LONG INVEST H	95726	SE0004942464	FNSE
SHRTOMXNONF03	140865	FI4000255971	FNFI
NOK9F 7NDS	135231	FI4000245618	FNFI
BULL OTE X2 NF	155544	FI4000318860	FNFI
BEAR USDDKK X2 H	113190	DK0060659373	FNDK
MINILSTBNONN02	158008	NO0010829419	FNSE
BEAR NOKIA NF1	97198	FI4000070685	FNFI
BULL OLIE N	89158	DK0060444685	FNDK
BLANKA MTG N	95880	SE0005219060	FNSE
MAJS SE	140180	DK0060768588	FNDK
BCSVE41ISHB	84919	SE0003960285	FNSE
BCRAV41ISHB	84918	SE0003960277	FNSE
BULL DANSKB 2 N	109110	DK0060631950	FNDK
TSHRTDAXNONF56	158846	FI4000334479	FNFI
BEAR OLIE X5 SE	120893	DK0060720894	FNDK
MINISDAXNONN04	157855	NO0010828387	FNSE
TSHRTOLJYNONF30	165566	FI4000357249	FNFI
BULL CARGO X3 NF	97210	FI4000070800	FNFI
KCEMVAL0ASHB	105313	FI4000065024	FNFI
BULL TERV NF	113367	FI4000050224	FNFI
BEAR OMXS30 N	106173	DK0060612653	FNDK

MINISOLJANON143	163766	SE0011759067	FNSE
BEAR OMXC25 ND1	106171	DK0060612497	FNDK
TLONGFUMNONF06	154128	FI4000311550	FNFI
MINILGJFNONN03	157976	NO0010828999	FNSE
BULL EURSTX 15 N	123834	DK0060744134	FNDK
BEAREKTAX3N	155304	SE0011169051	FNSE
BEARKINVBX3NON	137848	SE0009860182	FNSE
NOK9N 44NDS	164450	FI4000355227	FNFI
BEARBENSINX8AVA1	136673	GB00BW00FH51	FNSE
BEAROLIEX8NOND1	145926	DK0060904357	FNDK
BULL GULD N	89162	DK0060445062	FNDK
BEARSOBIX3AVA2	154640	GB00BW6RVN85	FNSE
BEAR ADIDAS N	116411	DK0060678670	FNDK
PLATI SE	120925	DK0060722163	FNDK
MINISSTBNONN03	158012	NO0010829062	FNSE
BEARGULDX5AVA1	130470	GB00BVZZ5121	FNSE
BULL PANKIT NF	113368	FI4000050232	FNFI
BULL ENRG NF	113369	FI4000050240	FNFI
BEAR SX5E X10 N	124074	SE0008403646	FNSE
BEAR SX5E X8 N	124075	SE0008403653	FNSE
MINILAMZNAVA17	131289	GB00BVZZ8M45	FNSE
LONGOMXNONF01	140849	FI4000255815	FNFI
TSHRTOMXNONF27	145293	FI4000284856	FNFI
TSHRTDAXNONF10	146922	FI4000287164	FNFI
BEAR VOLVO X8SW	155394	SE0011179365	FNSE
BEARDAXX15AVA4	127400	GB00BVZY8Q51	FNSE
MINISMHGNONN13	163387	NO0010836703	FNSE
MINILMHGNONN02	157981	NO0010829047	FNSE
SHRTDAXNONF27	147920	FI4000295498	FNFI
EQV1VEW110	108862	FI4000153333	FNFI
RAPS SE	120926	DK0060722676	FNDK
BULL RAPS X3 SE	120914	DK0060722403	FNDK
BEAR OTEX5S NONF	161738	FI4000346374	FNFI
BULLDAXX10NOND	136832	DK0060827699	FNDK
MINILSP500NONN04	158034	NO0010829567	FNSE
BEAR DANSKB N	109108	DK0060631794	FNDK
TSHRTOMXNONF31	145297	FI4000284898	FNFI
MINISGULDNOND34	150972	DK0060936391	FNDK
KULTA H	81243	FI4000016381	FNFI
BULL GULD X12 ND	156352	DK0061005543	FNDK
BEARGENX2NOND	138429	DK0060836849	FNDK
MINISDAXNOND28	148129	DK0060928885	FNDK
MINILPDORANON06	158909	SE0011417948	FNSE
MINILGULDNOND04	141459	DK0060864544	FNDK
BEAR BASMET X1 S	104075	SE0006344057	FNSE
CPMBVEW313	154542	FI4000071469	FNFI
ETHEREUM XBT	144580	SE0010296574	FNSE

ETHEREUM XBTE	144581	SE0010296582	FNSE
MINISOMXNOND04	141417	DK0060859890	FNDK
TSHRTOMXNONF21	145287	FI4000284799	FNFI
BEARNOKIAX3NONF	138013	FI4000253182	FNFI
MINISVWSNOND03	141610	DK0060884229	FNDK
MINISDAXNONN02	157853	NO0010828361	FNSE
HOPEA H	81244	FI4000016399	FNFI
BULL USTECHX2 NF	90109	FI4000047576	FNFI
MINISGFNONN02	157978	NO0010829013	FNSE
BULLKAROX2AVA1	127425	GB00BVZY9736	FNSE
BULL MATER NF	113371	FI4000050265	FNFI
BEAR SX5EX10 NF1	141029	FI4000263041	FNFI
BEAR SP500 X5 NF	156244	FI4000316575	FNFI
BULLATLASX5AVA1	141338	GB00BW6NVS19	FNSE
BULL NORDEAX2 NF	133087	FI4000239603	FNFI
BEAR RUOTSI NF	90112	FI4000047600	FNFI
LONGOMXNONF23	150771	FI4000305081	FNFI
ENERGIA H	86336	FI4000026398	FNFI
SHRT BOL H	93726	SE0004932176	FNSE
EL SE	120920	DK0060718807	FNDK
GULD SE	120921	DK0060719375	FNDK
BEARNQ100X5NONF	138221	FI4000253877	FNFI
BOL9X 160NDS	163028	SE0011753425	FNSE
BEAR FUM X3 NF1	120639	FI4000197389	FNFI
BEAR DAX X8 ND	156457	DK0061009966	FNDK
BEAROMXX15NONF1	138635	FI4000256748	FNFI
BEARHLFX5AVA1	145866	GB00BW6PSL92	FNSE
MINISSOELVNOND38	148139	DK0060929933	FNDK
ABB9M 140NDS	142443	SE0010138792	FNSE
MINISNHYNONN01	157989	NO0010829146	FNSE
BULLSX5EX12NONF	136880	FI4000245329	FNFI
BLANKA SKF N	95890	SE0005219169	FNSE
BEARSX5EX3NONF	136882	FI4000252648	FNFI
MINISNOVONOND12	162416	DK0060964252	FNDK
BLANKA INVEX1 N1	155491	SE0011170034	FNSE
MINILGENNOND15	162414	DK0060964096	FNDK
MINILGENNOND16	162415	DK0060964179	FNDK
BULLFINGBX2NON	155151	SE0011168251	FNSE
KNEBVEW115	135884	FI4000243605	FNFI
BULL NOK X5S NON	161417	SE0011423862	FNSE
MINILGULLNONN05	157881	NO0010828650	FNSE
MINISEQRNONN02	157969	NO0010828924	FNSE
BULLALGNX2AVA1	150689	GB00BW6QVN52	FNSE
BEAR FORTUM NF	86780	FI4000037007	FNFI
BULL ESTOXX X2 S	139806	SE0009269087	FNSE
MINILEQRNONN02	157966	NO0010828890	FNSE
BULL TEKNO NF	113370	FI4000050257	FNFI

BLANKA PANDOR N	112879	SE0007491931	FNSE
REG1VEW215	156669	FI4000261045	FNFI
BULL VWSX5S NOND	161714	DK0060959922	FNDK
SHRTKULTANONF41	150011	FI4000303805	FNFI
MINILOLJAAVA63	119258	GB00BVZW4382	FNSE
MINILGULLNONN04	157880	NO0010828643	FNSE
BEAR TYSKEL X1 S	104099	SE0006344305	FNSE
VOL9A 145SHB	162840	SE0011531276	FNSE
SOLV SE	120928	DK0060724375	FNDK
LONG OMXC H	100157	DK0060549004	FNDK
MINILOLIENOND08	141435	DK0060861870	FNDK
Bitcoin XBTE	113749	SE0007525332	FNSE
MINILGULLNONN03	157879	NO0010828635	FNSE
PERUSMET H	86338	FI4000026372	FNFI
MINISNHYNONN03	157991	NO0010829179	FNSE
MINILOLIENOND03	141430	DK0060861367	FNDK
BULL ORI X3 N	103597	SE0006341301	FNSE
JALOMET H	86337	FI4000026364	FNFI
SAM9C 48NDS	154177	FI4000320668	FNFI
BEARNQ100X12NONF	138224	FI4000253901	FNFI
BEAR USA NF	90114	FI4000047626	FNFI
KUPARI H	92582	FI4000038419	FNFI
ESTOXX SE	140178	DK0060766962	FNDK
SHRT RAVIDX H	90718	SE0004644292	FNSE
BULL RUSLAN N	88951	DK0060442200	FNDK
BEAR SAHKO X1 H	92585	FI4000038435	FNFI
SAHKO H	92584	FI4000038401	FNFI
SHRT TENN H	94865	SE0004932580	FNSE
MINILAZNNON08	143008	SE0010141077	FNSE
MINILBAVANOND13	162403	DK0060962710	FNDK
LONG SILVER H	66550	SE0002903351	FNSE
MINISSOELVNOND24	144658	DK0060900603	FNDK
NOKOX 33NDS	147381	FI4000294459	FNFI
MINISOLIENOND76	161142	DK0060956662	FNDK
MINISPDORANOND01	141594	DK0060871242	FNDK
MINISOLJENONN04	157875	NO0010828593	FNSE
MINISOLJENONN05	157876	NO0010828601	FNSE
MINISSILVAVA34	130425	GB00BVZZ3R45	FNSE
MINILFRONONN03	157973	NO0010828965	FNSE
MINILFRONONN02	157972	NO0010828957	FNSE
BULL OMXC25 2ND1	106172	DK0060612570	FNDK
BEAR GULD X12 ND	156364	DK0061006863	FNDK
BEAR NATGAS X1 S	104085	SE0006344164	FNSE
BEAR NICKEL X1 S	104086	SE0006344172	FNSE
BEAR FORTUM X2 H	75218	FI4000012695	FNFI
BULL COLOP X4 SE	122557	DK0060730851	FNDK
MINILGIGAVA03	162872	GB00BG5W5L83	FNSE

BEAR MEDICN N	106170	DK0060612307	FNDK
SWE90 130SWE	143992	SE0010412809	FNSE
BEAR BMW N	116414	DK0060678910	FNDK
BEAR TERV NF	113382	FI4000050406	FNFI
BEAR PANKIT NF	113383	FI4000050414	FNFI
BULL PALLAD X5 S	100248	SE0005849676	FNSE
BEAR MATER NF	113386	FI4000050448	FNFI
MINISVWSNOND02	141609	DK0060884146	FNDK
BEAR ORION NF	91757	FI4000059209	FNFI
SHRT OMX H	93749	SE0004932408	FNSE
BULLNQ100X10NONF	138207	FI4000253737	FNFI
SHRT SSAB H	93742	SE0004932333	FNSE
MINILTESLAAVA27	131301	GB00BVZZ9099	FNSE
LONG VETE H	66548	SE0002903369	FNSE
BULL NASDAQ N	106162	DK0060611416	FNDK
BULL SUOMI NF	90098	FI4000047469	FNFI
BEAR OLJY X3 NF1	156160	FI4000315973	FNFI
MINISBAVANOND03	143015	DK0060895423	FNDK
BULL SSABX3 H	102708	FI4000064852	FNFI
RAPS S	91323	SE0004950756	FNSE
MINISPDORANOND08	154510	DK0060994754	FNDK
SHRT KAFFE H	94857	SE0004932663	FNSE
BULL OLJYX1 NF	91248	FI4000050067	FNFI
NRE1VEW313	136860	FI4000104971	FNFI
CPMBVEW213	136861	FI4000071451	FNFI
BEAR ZINK X2 S	90376	SE0004872141	FNSE
BULL DAX N	106160	DK0060611259	FNDK
MINISDAXNOND43	161765	DK0060960854	FNDK
LONGOMXNONF04	140852	FI4000255849	FNFI
ALUMINIUM S	90370	SE0004872083	FNSE
BEARNQ100X3NON	138188	SE0009861297	FNSE
DAX SE	120577	DK0060717833	FNDK
MINISERICAVA66	162619	GB00BG5W4773	FNSE
MINISOBXNONN03	157864	NO0010828486	FNSE
BEARSP500X8NON	138182	SE0009861255	FNSE
NOK9L 69NDS	134401	FI4000242029	FNFI
SHRT SP500H	101616	DK0060567170	FNDK
LONG SP500H	101615	DK0060567097	FNDK
MINILYARNONN01	158025	NO0010829468	FNSE
BEAR HM X3 H	93674	SE0004931939	FNSE
BEARGULDX10AVA2	124976	GB00BVZXKJ95	FNSE
MINISEURSEKAVA39	159263	GB00BG5V7L91	FNSE
PLATINA S	81319	SE0003883347	FNSE
BEAR COLOPL 2 N	113727	DK0060665503	FNDK
MINILMHGNONN01	157980	NO0010829039	FNSE
ERI9A 60SHB	153136	SE0009994072	FNSE
MINISDAXNOND42	161764	DK0060960771	FNDK

BULL OMXS30 10 N	120812	DK0060715894	FNDK
LONG PLAT H	94847	SE0004932556	FNSE
MINISGULDNON43	150184	SE0010824995	FNSE
BEAROMX30X1NOND	139344	DK0060876712	FNDK
OUT9C 45DAN	164080	DK0061119716	FNFI
TSHRTOLJYNONF09	160924	FI4000348206	FNFI
MINILGULDNOND03	141458	DK0060864460	FNDK
HEX9C 560SHB	159185	SE0010867390	FNSE
LONGDAXNONF02	140822	FI4000255542	FNFI
BEAR OLJYX1 NF	91254	FI4000050075	FNFI
BEAR VOLKWX3 NF1	129847	FI4000231121	FNFI
BEAR KONE NF1	129840	FI4000231055	FNFI
BULL KULTAX3 NF	91253	FI4000050125	FNFI
BULL DAX X8 NF	123967	FI4000205042	FNFI
KCEMVAL0CSHB	107650	FI4000065065	FNFI
MINISOMXNON04	137976	SE0009893043	FNSE
BEAR OMXS X15 SE	140195	DK0060766889	FNDK
BEAR SSABX3 H	102714	FI4000064860	FNFI
BEAROMXX10AVA4	154112	GB00BW6RQ334	FNSE
BCTILLV41ISHB	84920	SE0003960293	FNSE
BEARSOELVX8NOND	139055	DK0060849586	FNDK
BULL GENMAB 2 N	113728	DK0060665693	FNDK
BEAR GENMAB N	113729	DK0060665776	FNDK
SHRT ESTX50H	101610	DK0060566958	FNDK
BULL TELIA X3SW	119264	SE0008008411	FNSE
BULL USA NF	90101	FI4000047493	FNFI
BULL EUROPE NF	90103	FI4000047519	FNFI
SHRT LIVS H	85571	SE0004329654	FNSE
BULL TELE N	106167	DK0060612067	FNDK
BITCOIN XBT	109538	SE0007126024	FNSE
BULLVX10AVA01	162957	GB00BG5W8535	FNSE
BULL USA X2 NF	90108	FI4000047568	FNFI
LONGSP500NONF05	140965	FI4000266457	FNFI
REG1VEW115	138828	FI4000261037	FNFI
MINILAFOILAVA31	149952	GB00BW6QML06	FNSE
KOPPAR S	81317	SE0003883206	FNSE
MINILDAXAVA112	123319	GB00BVZWZJ16	FNSE
BULL KIIN NF	113401	FI4000050588	FNFI
NOK9R 45NDS	142750	FI4000273859	FNFI
MINILOLIENOND11	141438	DK0060862175	FNDK
TSHRTDAXNON16	146876	SE0010628925	FNSE
MINISTGSNONN03	158024	NO0010829450	FNSE
BEAR VOLKW NF	113929	FI4000166533	FNFI
BULL PANDOR 2 N	119821	DK0060701910	FNDK
MINILATLASAVA28	160833	GB00BG5VQ783	FNSE
BEAR RAAVAR N	106156	DK0060610871	FNDK
BEARSANDX1AVA1	138103	GB00BW6N7N86	FNSE

TLS9A 48NDS	151535	SE0010826958	FNSE
MINISNQ100NONN04	157952	NO0010829682	FNSE
BLANKA SECU N	95887	SE0005219136	FNSE
MINILDAXNOND02	141373	DK0060854909	FNDK
MINILDAXNOND03	141374	DK0060855047	FNDK
BEAROLIEX3NOND1	138063	DK0060848778	FNDK
MINISSP500NONN04	157944	NO0010829609	FNSE
KCEMVAL9KSHB	103935	FI4000064928	FNFI
MINILORKNONN01	157992	NO0010829187	FNSE
MINILKAMBIAVA1	157940	GB00BG5TPC05	FNSE
BULLFUMX3NF1	155323	FI4000318506	FNFI
STE9R 14NDS	156703	FI4000332234	FNFI
BEAR OLIE X3 SE	120576	DK0060717676	FNDK
MINISDAXNOND21	147577	DK0060920718	FNDK
BULLSOELVX2NOND	139045	DK0060867216	FNDK
MINISNQ100NONN01	157949	NO0010829658	FNSE
MINILNQ100NON19	153299	SE0010979120	FNSE
LONG RETAIL H	98385	SE0005398278	FNSE
BEAR USTECH NF	90115	FI4000047634	FNFI
LONG BYGG H	98383	SE0005398286	FNSE
LONG BASIND H	98382	SE0005398328	FNSE
BULL USDDKK X2 H	113187	DK0060659027	FNDK
FUM9O 16NDS	154240	FI4000311907	FNFI
NES9A 74NDS	164354	FI4000344379	FNFI
BEAR MATERX3 NF1	129839	FI4000231030	FNFI
NES9A 78NDS	164352	FI4000344353	FNFI
TRACK MAJS AVA	117605	GB00BVZVW199	FNSE
BEARCOLOBX2NOND	138089	DK0060834471	FNDK
KAFFE SE	120923	DK0060720621	FNDK
MINISGULDNOND23	148140	DK0060930006	FNDK
KOBBER SE	140174	DK0060769719	FNDK
MINILNOKIAVA17	122221	GB00BVZWQL05	FNSE
MINISOLIENOND46	148148	DK0060930949	FNDK
MINILALIVAVA40	161261	GB00BG5VTH93	FNSE
BULLNORDEAX5AVA	121681	GB00BVZWMG71	FNSE
SHRTHOPEANONF15	143453	FI4000276134	FNFI
BULL SP500 N	106161	DK0060611333	FNDK
BEAR OMXC2 X2 SE	120878	DK0060721272	FNDK
MINISDNBNONN03	157958	NO0010828817	FNSE
SWE9M 180NDS	134097	SE0009691678	FNSE
BEAR OILGAS N	106166	DK0060611929	FNDK
BULL KNEX5S NONF	161757	FI4000346564	FNFI
BULLKOPPARX10AVA	146069	GB00BW6PW393	FNSE
MINISGULDNOND02	141471	DK0060865863	FNDK
BCUSA41ISHB	84921	SE0003960301	FNSE
KCEMVAL9LSHB	105110	FI4000064985	FNFI
BLANKA TELIA N	95895	SE0005219219	FNSE

BEARSX5EX12NOND	136858	DK0060830560	FNDK
MINISDAXNOND26	148127	DK0060928539	FNDK
BEAR OLIE X1 ND1	156345	DK0061004652	FNDK
BEARDAXX10NONF1	138409	FI4000255351	FNFI
BULL USTECH NF	90102	FI4000047501	FNFI
MINILDNBNONN02	157954	NO0010828775	FNSE
BEAR GEN X3 ND1	155605	DK0061000072	FNDK
BEARDAXX2NONF	138405	FI4000252713	FNFI
BEAR DAX X3 NF	128308	FI4000215249	FNFI
DAX9C11100NDS	165378	FI4000357132	FNFI
MINILHPOLNON01	140017	SE0009983042	FNSE