

Market Data Platform Production Channel Definitions

Chan	*Definition	Data Center A				Data Center B			
		Data (A)		Replay (A)		Data (B)		Replay (B)	
		Port	Address	Port	Address	Port	Address	Port	Address
2	Administrative Channel (State and Globex Control messages)	10002	233.119.160.2	10003	233.119.160.3	10066	233.119.160.66	10067	233.119.160.67
3	CME Open Outcry, Cash Index (ITC 2.1)	10004	233.119.160.4	10005	233.119.160.5	10068	233.119.160.68	10069	233.119.160.69
6	Volatility Quoted Options	10006	233.119.160.6	10007	233.119.160.7	10070	233.119.160.70	10071	233.119.160.71
6	Volatility Quoted Options MO	10008	233.119.160.8	10009	233.119.160.9	10072	233.119.160.72	10073	233.119.160.73
7	CME Equity Futures MO	10184	233.158.8.80			10246	233.158.8.206		
	CME Equity Futures	10012	233.119.160.12	10013	233.119.160.13	10076	233.119.160.76	10077	233.119.160.77
8	CME Equity Options MO	10186	233.158.8.82			10248	233.158.8.208		
	CME Equity Options	10014	233.119.160.14	10015	233.119.160.15	10078	233.119.160.78	10079	233.119.160.79
9	CME Interest Rate Futures MO	10188	233.158.8.84			10250	233.158.8.210		
	CME Interest Rate Futures	10016	233.119.160.16	10017	233.119.160.17	10080	233.119.160.80	10081	233.119.160.81
10	CME Interest Rate Options MO	10190	233.158.8.86			10252	233.158.8.212		
	CME Interest Rate Options	10018	233.119.160.18	10019	233.119.160.19	10082	233.119.160.82	10083	233.119.160.83
11	CME FX Futures MO	10192	233.158.8.88			10254	233.158.8.214		
	CME FX Futures	10020	233.119.160.20	10021	233.119.160.21	10084	233.119.160.84	10085	233.119.160.85
12	CME FX Options MO	10194	233.158.8.90			10256	233.158.8.216		
	CME FX Options	10022	233.119.160.22	10023	233.119.160.23	10086	233.119.160.86	10087	233.119.160.87

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		Data (A)		Replay (A)		Data (B)		Replay (B)	
Chan	*Definition	Port	Address	Port	Address	Port	Address	Port	Address
13	CME Commodity, Industrial Commodity, and TRAKRS Futures MO	10196	233.158.8.92			10258	233.158.8.218		
	CME Commodity, Industrial Commodity, and TRAKRS Futures	10024	233.119.160.24	10025	233.119.160.25	10088	233.119.160.88	10089	233.119.160.89
14	CME Commodities, Industrial Commodities, and TRAKRS Options MO	10198	233.158.8.94			10260	233.158.8.220		
	CME Commodities, Industrial Commodities, and TRAKRS Options	10026	233.119.160.26	10027	233.119.160.27	10090	233.119.160.90	10091	233.119.160.91
15	Not Currently in Use	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	SSF MO Message	10222	233.119.160.29			10224	233.119.160.93		
19	User Defined Spreads (MU)	10036	233.119.160.36			10100	233.119.160.100		
30	NYMEX Crude Futures MO	10202	233.72.75.50			10264	233.72.75.102		
	NYMEX Crude Futures	10042	233.119.160.42	10043	233.119.160.43	10106	233.119.160.106	10107	233.119.160.107
31	NYMEX Non-Crude Energy Futures MO	10204	233.72.75.52			10266	233.72.75.104		
	NYMEX Non-Crude Energy Futures	10044	233.119.160.44	10045	233.119.160.45	10108	233.119.160.108	10109	233.119.160.109
32	NYMEX Metals, Softs, Alternative Markets & COMEX Futures MO	10206	233.72.75.54			10268	233.72.75.106		
	NYMEX Metals, Softs, Alternative Markets & COMEX Futures	10046	233.119.160.46	10047	233.119.160.47	10110	233.119.160.110	10111	233.119.160.111

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35	NYMEX Crude Options MO	10208	233.72.75.56			10270	233.72.75.108		
	NYMEX Crude Options	10048	233.72.75.2	10049	233.72.75.3	10112	233.72.75.66	10113	233.72.75.65
36	NYMEX Non-Crude Energy Options MO	10210	233.72.75.58			10272	233.72.75.110		
	NYMEX Non-Crude Energy Options	10050	233.72.75.4	10051	233.72.75.3	10114	233.72.75.68	10115	233.72.75.65
37	NYMEX Metals, Softs, Alternative Markets & COMEX Options MO	10212	233.72.75.60			10274	233.72.75.112		
	NYMEX Metals, Softs, Alternative Markets & COMEX Options	10052	233.72.75.6	10053	233.72.75.3	10116	233.72.75.70	10117	233.72.75.65
38	NYMEX Crude Futures (ITC 2.1)	10054	233.72.75.8	10055	233.72.75.3	10118	233.72.75.72	10119	233.72.75.65
39	NYMEX Non-Crude Energy Futures (ITC 2.1)	10056	233.72.75.10	10057	233.72.75.3	10120	233.72.75.74	10121	233.72.75.65
40	NYMEX Softs and COMEX Futures (ITC 2.1)	10058	233.72.75.12	10059	233.72.75.5	10122	233.72.75.76	10123	233.72.75.67
41	NYMEX Crude Options (ITC 2.1)	10060	233.72.75.14	10061	233.72.75.5	10124	233.72.75.78	10125	233.72.75.67
42	NYMEX Non-Crude Energy Options (ITC 2.1)	10062	233.72.75.16	10063	233.72.75.5	10126	233.72.75.80	10127	233.72.75.67
43	NYMEX Softs and COMEX Options (ITC 2.1)	10064	233.72.75.18	10065	233.72.75.5	10128	233.72.75.82	10129	233.72.75.67
100	CBOT Open Auction (ITC2.1)	10068	233.119.160.28	10069	233.119.160.31	10130	233.119.160.92	10133	233.119.160.81
111	CBOT Commodity Futures MO	10090	233.119.160.60			10152	233.119.160.124		
	CBOT Commodity Futures	10092	233.119.160.62	10091	233.119.160.7	10154	233.119.160.126	10155	233.119.160.73

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112	CBOT Commodity Options MO	10094	233.158.8.2			10156	233.158.8.128		
	CBOT Commodity Options	10096	233.158.8.4	10093	233.119.160.9	10158	233.158.8.130	10157	233.119.160.75
113	CBOT Equity Index Futures MO	10098	233.158.8.6			10160	233.158.8.132		
	CBOT Equity Index Futures	10100	233.158.8.8	10095	233.119.160.9	10162	233.158.8.134	10159	233.119.160.75
114	CBOT Equity Index Options MO	10102	233.158.8.10			10164	233.158.8.136		
	CBOT Equity Index Options	10104	233.158.8.12	10097	233.119.160.9	10166	233.158.8.138	10161	233.119.160.75
115	CBOT Interest Rate Futures MO	10106	233.158.8.14			10168	233.158.8.140		
	CBOT Interest Rate Futures	10108	233.158.8.16	10099	233.119.160.9	10170	233.158.8.142	10163	233.119.160.75
116	CBOT Interest Rate Options MO	10110	233.158.8.18			10172	233.158.8.144		
	CBOT Interest Rate Options	10112	233.158.8.20	10101	233.119.160.11	10174	233.158.8.146	10165	233.119.160.77
117	CBOT Hosted Exchanges MO	10114	233.158.8.22			10176	233.158.8.148		
200	CME Equity Futures (ITC 2.1)	10132	233.158.8.100	10119	233.119.160.17	10194	233.158.8.174	10183	233.119.160.81
201	CME Equity Options (ITC 2.1)	10134	233.158.8.102	10121	233.119.160.17	10196	233.158.8.176	10185	233.119.160.81
202	CME Interest Rate Futures (ITC 2.1)	10136	233.158.8.44	10123	233.119.160.19	10198	233.158.8.178	10187	233.119.160.81

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203	CME Interest Rate Options (ITC 2.1)	10138	233.158.8.46	10125	233.119.160.19	10200	233.158.8.180	10189	233.119.160.83
204	CME FX Futures (ITC 2.1)	10140	233.158.8.48	10127	233.119.160.19	10202	233.158.8.182	10191	233.119.160.83
205	CME FX Options (ITC 2.1)	10142	233.158.8.50	10129	233.119.160.19	10204	233.158.8.184	10193	233.119.160.83
206	CME Commodity Futures (ITC 2.1)	10144	233.158.8.52	10131	233.119.160.21	10206	233.158.8.186	10195	233.119.160.83
207	CME Commodity Options (ITC 2.1)	10146	233.158.8.54	10133	233.119.160.21	10208	233.158.8.188	10197	233.119.160.85
208	CBOT Globex Commodity Futures (ITC 2.1)	10148	233.158.8.56	10135	233.119.160.21	10210	233.158.8.190	10199	233.119.160.85
209	CBOT Globex Commodity Options (ITC 2.1)	10150	233.158.8.58	10137	233.119.160.21	10212	233.158.8.192	10201	233.119.160.85
210	CBOT Equity Index Futures (ITC 2.1)	10152	233.158.8.60	10139	233.119.160.23	10214	233.158.8.194	10203	233.119.160.85
211	CBOT Equity Index Options (ITC 2.1)	10154	233.158.8.62	10141	233.119.160.23	10216	233.158.8.196	10205	233.119.160.87
212	CBOT Interest Rate Futures (ITC 2.1)	10156	233.158.8.64	10143	233.119.160.23	10218	233.158.8.198	10207	233.119.160.87
213	CBOT Interest Rate Options (ITC 2.1)	10158	233.158.8.66	10145	233.119.160.23	10220	233.158.8.200	10209	233.119.160.87
214	Volatility Quoted Options (ITC 2.1)	10010	233.119.160.10	10011	233.119.160.11	10074	233.119.160.74	10075	233.119.160.75

*RLC unless otherwise indicated.

CBOT Hosted Exchange and DOW channel definitions are proprietary; to obtain this information please contact the applicable CME Group division:

Quote Vendors

CME Group Market Data Operations

312.634.8395

marketdataops@cmegroup.com

Order Entry

CME Globex Account Management (GAM)

312-634-8700 (Chicago)

00-44-20-7796-7100 (London)

globexaccountmanagement@cmegroup.com

OR

Customer Support for Electronic Trading (CSET)

312-930-2322

CSET@cmegroup.com

TCP Replay:

Production Feed A: address 65.164.7.10-12 port 10000

Production Feed B: address 12.165.139.10, 209.133.24.43-44 port 10000

Revision History

Date	Version	Author	Revision Description
6/22/07	1.0	LM	Initial version 1.0 as of 6/22/07.
7/31/07	1.1	LM	Added TCP Replay Address. Updated notes below table. Updated CME branding.
10/2/07	1.2	LM	Removed note next to channel 5&6 (As of 1/21/07, E-mini Russell 2000 and E-mini S&P 500 Options ITC 2.1 market data are no longer disseminated via Channel 5. This information is now being sent via Channel 6.) Added channels 200-207 and note † indicating availability. Added note †† regarding availability of channels 4, 5, and 6.
10/25/07	1.3	LM	Added MO replay loop addresses to the following channels: 7, 8, 9, 10, 11, 12, 13, 14, 30, 31, 32, 33, 35, 36, 37 and notes ‡ indicating availability.
11/20/07	1.4	NU	Updating channels 32 and 37 with Metals and Alternative Markets.
1/4/08	1.5	NU	Adding CBOT channels 96-99, 111-117, 208-213. Added note ††† regarding channels 96-99. Added text for contacting CME Group about hosted exchange channels.
2/5/08	1.5	NU	Removed channels 4, 5, and corresponding note. Replaced channel 6 and 214 with new Volatility-quoted channel and note.
2/27/08	1.6	NU	Removed channels 96-99 and corresponding note. Added ITC 2.1 after channels 208-213.
3/17/08	1.7	NU	Updated Channel 100 with correct IP 233.119.160.31.
3/25/08	1.8	NU	Removed note about Volatility Quoted channels 6 and 214. Updated IP addresses for TCP Replay Production Feed B.
4/7/08	1.9	NU	Removed channels 1 and 16 and corresponding note. Added channel 17. Updated channel 112.
6/25/08	2.0	DJT	Updated channels 111-113.

