

# FIX/FAST Market Data Channel Definitions – PUMA Production Environment

Please contact BVMF SSN (Trading Support) at [tradingsupport@b3.com.br](mailto:tradingsupport@b3.com.br) for production issues.

Channel	Book Type	Name	Market recovery		Incrementals		Instrument definition	
			UDP address	Port	UDP address	Port	UDP address	Port
<b>BM&amp;F BOVESPA EQUITIES – FEED A</b>								
051	MBO	Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.14.107	30051	233.252.14.108	20051	233.252.14.106	10051
151	MBP		233.252.14.109	30151	233.252.14.110	20151		
251	TOB		233.252.14.111	30251	233.252.14.112	20251		
052	MBO	Options from Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.14.114	30052	233.252.14.115	20052	233.252.14.113	10052
152	MBP		233.252.14.116	30152	233.252.14.117	20152		
252	TOB		233.252.14.118	30252	233.252.14.119	20252		
053	MBO	Oil and Bio-fuels	233.252.14.121	30053	233.252.14.122	20053	233.252.14.120	10053
153	MBP		233.252.14.123	30153	233.252.14.124	20153		
253	TOB		233.252.14.125	30253	233.252.14.126	20253		
054	MBO	Options from Oil and Bio-fuels	233.252.14.128	30054	233.252.14.129	20054	233.252.14.127	10054
154	MBP		233.252.14.130	30154	233.252.14.131	20154		
254	TOB		233.252.14.132	30254	233.252.14.133	20254		
055	MBO	Financial and Others, Holding, Financial Intermediaries and ETF's	233.252.14.135	30055	233.252.14.136	20055	233.252.14.134	10055
155	MBP		233.252.14.137	30155	233.252.14.138	20155		
255	TOB		233.252.14.139	30255	233.252.14.140	20255		
056	MBO	Options from Financial and Others, Holding, Financial Intermediaries	233.252.14.142	30056	233.252.14.143	20056	233.252.14.141	10056
156	MBP		233.252.14.144	30156	233.252.14.145	20156		
256	TOB		233.252.14.146	30256	233.252.14.147	20256		
057	MBO	Electrical Energy, Industrial Goods, Construction, Consumption, and Other Sectors	233.252.14.149	30057	233.252.14.150	20057	233.252.14.148	10057
157	MBP		233.252.14.151	30157	233.252.14.152	20157		
257	TOB		233.252.14.153	30257	233.252.14.154	20257		
058	MBO	Options from Industrial Goods, Construction, Consumption and Other Sectors	233.252.14.156	30058	233.252.14.157	20058	233.252.14.155	10058
158	MBP		233.252.14.158	30158	233.252.14.159	20158		
258	TOB		233.252.14.160	30258	233.252.14.161	20258		
059	MBO	OTC and Corporate Fixed-Income (former BovespaFIX and SomaFIX)	233.252.14.163	30059	233.252.14.164	20059	233.252.14.162	10059
159	MBP		233.252.14.165	30159	233.252.14.166	20159		
259	TOB		233.252.14.167	30259	233.252.14.168	20259		
060	MBO	Options from IBOVESPA	233.252.14.170	30060	233.252.14.171	20060	233.252.14.169	10060
160	MBP		233.252.14.172	30160	233.252.14.173	20160		
260	TOB		233.252.14.174	30260	233.252.14.175	20260		
061	MBO	BTB	233.252.14.177	30061	233.252.14.178	20061	233.252.14.176	10061
062	MBO	Index	233.252.14.180	30062	233.252.14.181	20062	233.252.14.179	10062
063	MBO	News	--	--	233.252.14.182	20063	--	--

064	MBO	SPDJI – S&P Down Jones Index	233.252.14.184	30064	233.252.14.185	20064	233.252.14.183	10064
065	MBO	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.14.187	30065	233.252.14.188	20065	233.252.14.186	10065
165	MBP		233.252.14.189	30165	233.252.14.190	20165		
265	TOB		233.252.14.191	30265	233.252.14.192	20265		
066	MBO	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.14.194	30066	233.252.14.195	20066	233.252.14.193	10066
166	MBP		233.252.14.196	30166	233.252.14.197	20166		
266	TOB		233.252.14.198	30266	233.252.14.199	20266		
067	MBO	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.14.201	30067	233.252.14.202	20067	233.252.14.200	10067
167	MBP		233.252.14.203	30167	233.252.14.204	20167		
267	TOB		233.252.14.205	30267	233.252.14.206	20267		
068	MBO	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.14.208	30068	233.252.14.209	20068	233.252.14.207	10068
168	MBP		233.252.14.210	30168	233.252.14.211	20168		
268	TOB		233.252.14.212	30268	233.252.14.213	20268		

## FIX/FAST Market Data Channel Definitions – PUMA DR Environment

Channel	Book Type	Name	Market recovery		Incrementals		Instrument definition	
			UDP address	Port	UDP address	Port	UDP address	Port
<b>BM&amp;F BOVESPA EQUITIES – FEED B</b>			<b>UDP address</b>	<b>Port</b>	<b>UDP address</b>	<b>Port</b>	<b>UDP address</b>	<b>Port</b>
051	MBO	Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.16.107	30051	233.252.16.108	20051	233.252.16.106	10051
151	MBP		233.252.16.109	30151	233.252.16.110	20151		
251	TOB		233.252.16.111	30251	233.252.16.112	20251		
052	MBO	Options from Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.16.114	30052	233.252.16.115	20052	233.252.16.113	10052
152	MBP		233.252.16.116	30152	233.252.16.117	20152		
252	TOB		233.252.16.118	30252	233.252.16.119	20252		
053	MBO	Oil and Bio-fuels	233.252.16.121	30053	233.252.16.122	20053	233.252.16.120	10053
153	MBP		233.252.16.123	30153	233.252.16.124	20153		
253	TOB		233.252.16.125	30253	233.252.16.126	20253		
054	MBO	Options from Oil and Bio-fuels	233.252.16.128	30054	233.252.16.129	20054	233.252.16.127	10054
154	MBP		233.252.16.130	30154	233.252.16.131	20154		
254	TOB		233.252.16.132	30254	233.252.16.133	20254		
055	MBO	Financial and Others, Holding, Financial Intermediaries and ETF's	233.252.16.135	30055	233.252.16.136	20055	233.252.16.134	10055
155	MBP		233.252.16.137	30155	233.252.16.138	20155		
255	TOB		233.252.16.139	30255	233.252.16.140	20255		
056	MBO	Options from Financial and Others, Holding, Financial Intermediaries	233.252.16.142	30056	233.252.16.143	20056	233.252.16.141	10056
156	MBP		233.252.16.144	30156	233.252.16.145	20156		
256	TOB		233.252.16.146	30256	233.252.16.147	20256		
057	MBO	Electrical Energy, Industrial Goods, Construction, Consumption, and Other Sectors	233.252.16.149	30057	233.252.16.150	20057	233.252.16.148	10057
157	MBP		233.252.16.151	30157	233.252.16.152	20157		
257	TOB		233.252.16.153	30257	233.252.16.154	20257		

058	MBO		233.252.16.156	30058	233.252.16.157	20058		
158	MBP	Options from Industrial Goods, Construction, Consumption and Other Sectors	233.252.16.158	30158	233.252.16.159	20158	233.252.16.155	10058
258	TOB		233.252.16.160	30258	233.252.16.161	20258		
059	MBO		233.252.16.163	30059	233.252.16.164	20059		
159	MBP	OTC and Corporate Fixed-Income (former BovespaFIX and SomaFIX)	233.252.16.165	30159	233.252.16.166	20159	233.252.16.162	10059
259	TOB		233.252.16.167	30259	233.252.16.168	20259		
060	MBO		233.252.16.170	30060	233.252.16.171	20060		
160	MBP	Options from IBOVESPA	233.252.16.172	30160	233.252.16.173	20160	233.252.16.169	10060
260	TOB		233.252.16.174	30260	233.252.16.175	20260		
061	MBO	BTB	233.252.16.177	30061	233.252.16.178	20061	233.252.16.176	10061
062	MBO	Index	233.252.16.180	30062	233.252.16.181	20062	233.252.16.179	10062
063	MBO	News	--	--	233.252.16.182	20063	--	--
064	MBO	SPDJI – S&P Down Jones Index	233.252.16.184	30064	233.252.16.185	20064	233.252.16.183	10064
065	MBO	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.16.187	30065	233.252.16.188	20065	233.252.16.186	10065
165	MBP		233.252.16.189	30165	233.252.16.190	20165		
265	TOB		233.252.16.191	30265	233.252.16.192	20265		
066	MBO	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.16.194	30066	233.252.16.195	20066	233.252.16.193	10066
166	MBP		233.252.16.196	30166	233.252.16.197	20166		
266	TOB		233.252.16.198	30266	233.252.16.199	20266		
067	MBO	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.16.201	30067	233.252.16.202	20067	233.252.16.200	10067
167	MBP		233.252.16.203	30167	233.252.16.204	20167		
267	TOB		233.252.16.205	30267	233.252.16.206	20267		
068	MBO	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.16.208	30068	233.252.16.209	20068	233.252.16.207	10068
168	MBP		233.252.16.210	30168	233.252.16.211	20168		
268	TOB		233.252.16.212	30268	233.252.16.213	20268		

## FIX/FAST Market Data Channel Definitions – PUMA New DR Environment

Channel	Book Type	Name	Market recovery		Incrementals		Instrument definition	
BM&F BOVESPA EQUITIES – FEED C			UDP address	Port	UDP address	Port	UDP address	Port
051	MBO	Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.17.107	30051	233.252.17.108	20051	233.252.17.106	10051
151	MBP		233.252.17.109	30151	233.252.17.110	20151		
251	TOB		233.252.17.111	30251	233.252.17.112	20251		
052	MBO	Options from Mining, Steel, Metallurgy, Financial and Basic Materials	233.252.17.114	30052	233.252.17.115	20052	233.252.17.113	10052
152	MBP		233.252.17.116	30152	233.252.17.117	20152		
252	TOB		233.252.17.118	30252	233.252.17.119	20252		
053	MBO	Oil and Bio-fuels	233.252.17.121	30053	233.252.17.122	20053	233.252.17.120	10053
153	MBP		233.252.17.123	30153	233.252.17.124	20153		
253	TOB		233.252.17.125	30253	233.252.17.126	20253		

054	MBO		233.252.17.128	30054	233.252.17.129	20054		
154	MBP	Options from Oil and Bio-fuels	233.252.17.130	30154	233.252.17.131	20154	233.252.17.127	10054
254	TOB		233.252.17.132	30254	233.252.17.133	20254		
055	MBO		233.252.17.135	30055	233.252.17.136	20055		
155	MBP	Financial and Others, Holding, Financial Intermediaries and ETF's	233.252.17.137	30155	233.252.17.138	20155	233.252.17.134	10055
255	TOB		233.252.17.139	30255	233.252.17.140	20255		
056	MBO		233.252.17.142	30056	233.252.17.143	20056		
156	MBP	Options from Financial and Others, Holding, Financial Intermediaries	233.252.17.144	30156	233.252.17.145	20156	233.252.17.141	10056
256	TOB		233.252.17.146	30256	233.252.17.147	20256		
057	MBO		233.252.17.149	30057	233.252.17.150	20057		
157	MBP	Electrical Energy, Industrial Goods, Construction, Consumption, and Other Sectors	233.252.17.151	30157	233.252.17.152	20157	233.252.17.148	10057
257	TOB		233.252.17.153	30257	233.252.17.154	20257		
058	MBO		233.252.17.156	30058	233.252.17.157	20058		
158	MBP	Options from Industrial Goods, Construction, Consumption and Other Sectors	233.252.17.158	30158	233.252.17.159	20158	233.252.17.155	10058
258	TOB		233.252.17.160	30258	233.252.17.161	20258		
059	MBO		233.252.17.163	30059	233.252.17.164	20059		
159	MBP	OTC and Corporate Fixed-Income (former BovespaFIX and SomaFIX)	233.252.17.165	30159	233.252.17.166	20159	233.252.17.162	10059
259	TOB		233.252.17.167	30259	233.252.17.168	20259		
060	MBO		233.252.17.170	30060	233.252.17.171	20060		
160	MBP	Options from IBOVESPA	233.252.17.172	30160	233.252.17.173	20160	233.252.17.169	10060
260	TOB		233.252.17.174	30260	233.252.17.175	20260		
061	MBO	BTB	233.252.17.177	30061	233.252.17.178	20061	233.252.17.176	10061
062	MBO	Index	233.252.17.180	30062	233.252.17.181	20062	233.252.17.179	10062
063	MBO	News	--	--	233.252.17.182	20063	--	--
064	MBO	SPDJ – S&P Down Jones Index	233.252.17.184	30064	233.252.17.185	20064	233.252.17.183	10064
065	MBO		233.252.17.187	30065	233.252.17.188	20065		
165	MBP	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.17.189	30165	233.252.17.190	20165	233.252.17.186	10065
265	TOB		233.252.17.191	30265	233.252.17.192	20265		
066	MBO		233.252.17.194	30066	233.252.17.195	20066		
166	MBP	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.17.196	30166	233.252.17.197	20166	233.252.17.193	10066
266	TOB		233.252.17.198	30266	233.252.17.199	20266		
067	MBO		233.252.17.201	30067	233.252.17.202	20067		
167	MBP	Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.17.203	30167	233.252.17.204	20167	233.252.17.200	10067
267	TOB		233.252.17.205	30267	233.252.17.206	20267		
068	MBO		233.252.17.208	30068	233.252.17.209	20068		
168	MBP	Options from Industrial Goods, Construction, Consumption, Transport and Other Sectors	233.252.17.210	30168	233.252.17.211	20168	233.252.17.207	10068
268	TOB		233.252.17.212	30268	233.252.17.213	20268		