

Nasdaq Testing Facility – IP Address Information

Carteret:

- Equities – NASDAQ, BX, PSX
- Options – PHLX, NOM, BX, ISE, GEMX, MRX
- NFX
- Nasdaq Fixed Income
- UTP Binary

Ashburn:

- FINRA – TRACE (CA/SP/TS), OTCBB, ORF
- UTP Legacy
- ACT
- ACES
- MFQS

Carteret RP for all Multicast Feeds: 207.251.255.40

Order Entry	
Equities	206.200.20.0/23
Options	206.200.20.0/23
NFX	206.200.30.0/24
Nasdaq Fixed Income	206.200.9.0/24

TotalView ITCH 5.0				
Site	Channel/Purpose	Multicast Address	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.111	18000	206.200.21.136
	Rerequest		18100	206.200.21.16

Nasdaq Level 2				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Channel 1 (A-E)	233.56.159.12	18000	206.200.21.134
	Rerequest – Channel 1 (A-E)		18100	206.200.21.14
	Broadcast – Channel 2 (F-N)	233.56.159.13	18001	206.200.21.134
	Rerequest – Channel 2 (F-N)		18101	206.200.21.14
	Broadcast – Channel 3 (O-Z)	233.56.159.14	18002	206.200.21.134
	Rerequest – Channel 3 (O-Z)		18102	206.200.21.14

NFX				
Site	Channel/Purpose	IP/Multicast Address	Port	Source IP Address
Carteret	ITCH Group A1	233.56.159.225	31011	206.200.30.97
	Rerequest		31511	206.200.30.11
	GLIMPSE for ITCH A1	206.200.30.11	21800-21900	
	ITCH Group At1	233.56.159.229	31015	206.200.30.97
	Rerequest		31515	206.200.30.11
	ITCH Group B1	233.56.159.228	31014	206.200.30.113
	Rerequest		31514	206.200.30.12
	GLIMPSE for ITCH B1	206.200.30.12	21800-21900	
	ITCH Group Bt1	233.56.159.232	31018	206.200.30.113
	Rerequest		31518	206.200.30.12

Nasdaq Fixed Income BETA Legacy				
Site	Channel/Purpose	IP/Multicast Address	Port	Source IP Address
Carteret	US Treasuries, Long 30yr/A Feed	233.56.159.140	13401	206.200.9.14
	Bills, Short Shorts/A Feed	233.56.159.141	13402	206.200.9.14
	US Treasuries, Short – 2,30yr/A Feed	233.56.159.142	13403	206.200.9.14
	US Treasuries, Intermediates – 7,10yr/A Feed	233.56.159.143	13404	206.200.9.14
	US Treasuries, Fives – 5yr/A Feed	233.56.159.144	13405	206.200.9.14
	US Treasuries, Long – 30yr/B Feed	233.56.159.145	23401	206.200.9.14
	Bills, Short Shorts/B Feed	233.56.159.146	23402	206.200.9.14
	US Treasuries, Short – 2,30yr/B Feed	233.56.159.147	23403	206.200.9.14
	US Treasuries, Intermediates – 7,10yr/B Feed	233.56.159.148	23404	206.200.9.14
	US Treasuries, Fives – 5yr/B Feed	233.56.159.149	23405	206.200.9.14

Nasdaq Fixed Income BETA ITCH				
Site	Channel/Purpose	IP/Multicast Address	Port	Source IP Address
Carteret	US Treasuries, Long 30yr/A Feed	233.56.159.150	13401	206.200.9.24
	Rerequest		56321	206.200.9.24
	Bills, Short Shorts/A Feed	233.56.159.151	13402	206.200.9.24
	Rerequest		56322	206.200.9.24
	US Treasuries, Short – 2,30yr/A Feed	233.56.159.152	13403	206.200.9.24
	Rerequest		56323	206.200.9.24
	US Treasuries, Intermediates – 7,10yr/A Feed	233.56.159.153	13404	206.200.9.24
	Rerequest		56324	206.200.9.24
	US Treasuries, Fives – 5yr/A Feed	233.56.159.154	13405	206.200.9.24
	Rerequest		56325	206.200.9.24
	US Treasuries, Long – 30yr/B Feed	233.56.159.155	23401	206.200.9.24
	Rerequest		36321	206.200.9.24
	Bills, Short Shorts/B Feed	233.56.159.156	23402	206.200.9.24
	Rerequest		36322	206.200.9.24
	US Treasuries, Short – 2,30yr/B Feed	233.56.159.157	23403	206.200.9.24
	Rerequest		36323	206.200.9.24
	US Treasuries, Intermediates – 7,10yr/B Feed	233.56.159.158	23404	206.200.9.24
	Rerequest		36324	206.200.9.24
US Treasuries, Fives – 5yr/B Feed	233.56.159.159	23405	206.200.9.24	
Rerequest		36235	206.200.9.24	

UTP Quotation Services – Binary Feeds				
Site	Channel	Group	Port	Source IP Address
Carteret	Broadcast – Channel 1 (A-CD)	233.56.159.20	55630	206.200.20.0/23
	Rerequest – Channel 1		55730	206.200.21.66
	Broadcast – Channel 2 (CE-FD)	233.56.159.20	55631	206.200.20.0/23
	Rerequest – Channel 2		55731	206.200.21.67
	Broadcast – Channel 3 (LE-LK)	233.56.159.20	55632	206.200.20.0/23
	Rerequest – Channel 3		55732	206.200.21.68
	Broadcast – Channel 4 (LL-PB)	233.56.159.20	55633	206.200.20.0/23
	Rerequest – Channel 4		55733	206.200.21.69
	Broadcast – Channel 5 (PC-SP)	233.56.159.20	55634	206.200.20.0/23
	Rerequest – Channel 5		55734	206.200.21.70
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.20	55635	206.200.20.0/23
	Rerequest – Channel 6		55735	206.200.21.71

UTP Trade Services				
Site	Channel	Group	Port	Source IP Address
Carteret	Broadcast – Channel 1 (A-CD)	233.56.159.21	55640	206.200.20.0/23
	Rerequest – Channel 1		55740	206.200.21.86
	Broadcast – Channel 2 (CE-FD)	233.56.159.21	55641	206.200.20.0/23
	Rerequest – Channel 2		55741	206.200.21.87
	Broadcast – Channel 3 (LE-LK)	233.56.159.21	55642	206.200.20.0/23
	Rerequest – Channel 3		55742	206.200.21.88
	Broadcast – Channel 4 (LL-PB)	233.56.159.21	55643	206.200.20.0/23
	Rerequest – Channel 4		55743	206.200.21.89
	Broadcast – Channel 5 (PC-SP)	233.56.159.21	55644	206.200.20.0/23
	Rerequest – Channel 5		55744	206.200.21.90
	Broadcast – Channel 6 (SQ-ZZ)	233.56.159.21	55645	206.200.20.0/23
	Rerequest – Channel 6		55745	206.200.21.91

ISE NTF Market Data		
Site	Channel/Purpose	IP Address
Carteret	ISE Gemini – NTF Market Data	233.56.159.180
	ISE Main– NTF Market Data	233.56.159.181
	ISE Mercury – NTF Market Data	233.56.159.182

ISE Main NTF Market Data					
Site	Feed Name	Protocol	Group	Port	Source IP
Carteret	Depth of Market Feed	modal64	233.56.159.181	18001	206.200.20.0/23
		modal64rewind/soupbin		18101	206.200.21.143
	Top of Quote Feed	modal64	233.56.159.181	18000	206.200.20.0/23
		modal64rewind/soupbin		18100	206.200.21.142
	Trade Feed	modal64	233.56.159.181	18003	206.200.20.0/23
		modal64rewind/soupbin		18103	206.200.21.145
	Order Feed	modal64	233.56.159.181	18002	206.200.20.0/23
		modal64rewind/soupbin		18102	206.200.21.144
	Complex Depth of Market Feed	modal64	233.56.159.181	18005	206.200.20.0/23
		modal64rewind/soupbin		18105	206.200.21.147
	Complex Top of Quote Feed	modal64	233.56.159.181	18004	206.200.20.0/23
		modal64rewind/soupbin		18104	206.200.21.146
	Complex Trade Feed	modal64	233.56.159.181	18007	206.200.20.0/23
		modal64rewind/soupbin		18107	206.200.21.149
	Complex Order Feed	modal64	233.56.159.181	18006	206.200.20.0/23
modal64rewind/soupbin			18106	206.200.21.148	

GEMX Main NTF Market Data					
Site	Feed Name	Protocol	Group	Port	Source IP
Carteret	Depth of Market Feed	modal64	233.56.159.180	18001	206.200.21.138
		modal64rewind/soupbin		18101	206.200.21.139
	Top of Quote Feed	modal64	233.56.159.180	18000	206.200.21.138
		modal64rewind/soupbin		18100	206.200.21.138
	Trade Feed	modal64	233.56.159.180	18003	206.200.21.138
		modal64rewind/soupbin		18103	206.200.21.141
	Order Feed	modal64	233.56.159.180	18002	206.200.21.138
modal64rewind/soupbin			18102	206.200.21.140	

MRX Main NTF Market Data					
Site	Feed Name	Protocol	Group	Port	Source IP
Carteret	Depth of Market Feed	mold64	233.56.159.182	18001	206.200.21.157
		mold64rewind/soupbin		18101	206.200.21.159
	Top of Quote Feed	mold64	233.56.159.182	18000	206.200.21.157
		mold64rewind/soupbin		18100	206.200.21.158
	Trade Feed	mold64	233.56.159.182	18003	206.200.21.157
		mold64rewind/soupbin		18103	206.200.21.161
	Order Feed	mold64	233.56.159.182	18002	206.200.21.157
		mold64rewind/soupbin		18102	206.200.21.160

MFDS – Mutual Fund Dissemination Service				
Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	MFDS	233.56.159.203	50080	206.200.23.42

BTDS – Bond Trade Dissemination Service				
Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	BTDS	233.56.159.128	50214	206.200.23.21

ATDS – Agency Debt Trade Dissemination Service				
Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	ATDS	233.56.159.129	50215	206.200.23.21

SPDS – Securitized Products Trade Dissemination Service				
Site	Channel/Purpose	Group	Port	Source IP Address
Ashburn	SPDS	233.56.159.201	50084	206.200.23.21

PHLX Depth of Market				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.122	18004	206.200.21.38
	Rerequest		18104	206.200.21.53

PHLX Top of PHLX Options (TOPO)				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.120	Trades – 18000 Quotes - 18001	206.200.21.38
	Rerequest		Trades – 18100 Quotes - 18101	206.200.21.53

PHLX TOPO Plus Orders				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.121	Trades – 18003 Quotes - 18002	206.200.21.38
	Rerequest		Trades – 18103 Quotes – 18102	206.200.21.53

NOM ITTO 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.124	18004	206.200.21.54
	Rerequest		18104	

NOM BONO Trades 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.123	18001	206.200.21.54
	Rerequest		18101	

NOM BONO Quotes 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.123	18002	206.200.21.54
	Rerequest		18102	

BX Options ITTO 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.126	18004	206.200.21.40
	Rerequest		18104	

BX Options BONO Trades 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.125	18001	206.200.21.40
	Rerequest		18101	

BX Options BONO Quotes 3.0				
Site	Channel/Purpose	Group	Port	Source IP Address
Carteret	Broadcast – Single Channel	233.56.159.125	18000	206.200.21.40
	Rerequest		18100	