

## AutoCert+ for FIX/FAST A in Certification

Channel	Definition	Source IP	Hostname	Data (A)	
				Address	Port
901	Options Interest rates – 1GE	10.135.70.113	ttcbff01c	224.0.25.126	17901
903	Options Interest rates – 2GE	10.135.70.113	ttcbff01c	224.0.25.126	17903
905	Options Interest rates – 3GE	10.135.70.113	ttcbff01c	224.0.25.126	17905
907	Options Interest rates – 4GE	10.135.70.113	ttcbff01c	224.0.25.126	17907
909	Options Equities – 0ES	10.135.70.113	ttcbff01c	224.0.25.126	17909
911	Options Equities – 1ES	10.135.70.113	ttcbff01c	224.0.25.126	17911
913	Options Currencies – 06B	10.135.70.113	ttcbff01c	224.0.25.126	17913
915	Options Currencies – 16B	10.135.70.113	ttcbff01c	224.0.25.126	17915
902	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	17902
904	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	17904
906	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	17906
908	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	17908
931	Futures Equities – 0ES	110.140.18.78	ttcbff03c	224.0.25.126	17931
933	Futures Equities – 1ES	110.140.18.78	ttcbff03c	224.0.25.126	17933
935	Futures Equities – 2ES	10.140.18.78	ttcbff03c	224.0.25.126	17935
937	Futures Equities – 3ES	10.140.18.78	ttcbff03c	224.0.25.126	17937
939	Futures Equities - 4ES	10.140.18.78	ttcbff03c	224.0.25.126	17939
941	Futures Nymex - 0CL	10.140.18.78	ttcbff03c	224.0.25.126	17941
943	Futures Nymex - 1CL	10.140.18.78	ttcbff03c	224.0.25.126	17943
945	FXMS - T1EUR/USD SPOT +E group	10.140.18.78	ttcbff03c	224.0.25.126	17945
947	FXMS - T1EUR/JPY SPOT +P group	10.140.18.78	ttcbff03c	224.0.25.126	17947
949	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	17949
951	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	17951
932	Futures Currencies – 06B	10.140.120.99	ttcbff04c	224.0.25.126	17932
934	Futures Currencies – 16B	10.140.120.99	ttcbff04c	224.0.25.126	17934
936	Futures Currencies – 26B	10.140.120.99	ttcbff04c	224.0.25.126	17936
938	Futures Currencies – 36B	10.140.120.99	ttcbff04c	224.0.25.126	17938
940	Futures Currencies – 46B	10.140.120.99	ttcbff04c	224.0.25.126	17940
942	Futures Interest rates – 1GE	10.140.120.99	ttcbff04c	224.0.25.126	17942
944	Futures Interest rates – 2GE	10.140.120.99	ttcbff04c	224.0.25.126	17944
946	Futures Interest rates – 3GE	10.140.120.99	ttcbff04c	224.0.25.126	17946
948	Futures Interest rates – 4GE	10.140.120.99	ttcbff04c	224.0.25.126	17948
950	Futures Interest rates – 5GE	10.140.120.99	ttcbff04c	224.0.25.126	17950
952	Futures Interest rates – 6GE	10.140.120.99	ttcbff04c	224.0.25.126	17952
954	Futures Interest rates – 7GE	10.140.120.99	ttcbff04c	224.0.25.126	17954
956	Futures Interest rates – 8GE	10.140.120.99	ttcbff04c	224.0.25.126	17956
958	Futures Interest rates – 9GE	10.140.120.99	ttcbff04c	224.0.25.126	17958

## AutoCert+ for FIX/FAST B in Certification

Channel	Definition	Source IP	Hostname	Data (A)	
				Address	Port
901	Options Interest rates – 1GE	10.135.70.113	ttcbff01c	224.0.25.254	18901
903	Options Interest rates – 2GE	10.135.70.113	ttcbff01c	224.0.25.254	18903
905	Options Interest rates – 3GE	10.135.70.113	ttcbff01c	224.0.25.254	18905
907	Options Interest rates – 4GE	10.135.70.113	ttcbff01c	224.0.25.254	18907
909	Options Equities – 0ES	10.135.70.113	ttcbff01c	224.0.25.254	18909
911	Options Equities – 1ES	10.135.70.113	ttcbff01c	224.0.25.254	18911
913	Options Currencies – 06B	10.135.70.113	ttcbff01c	224.0.25.254	18913
915	Options Currencies – 16B	10.135.70.113	ttcbff01c	224.0.25.254	18915
902	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.254	18902
904	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.254	18904
906	Options Nymex -	10.135.172.95	ttcbff02c	224.0.25.254	18906
908	Options Nymex -	10.135.172.95	ttcbff02c	224.0.25.254	18908
931	Futures Equities – 0ES	110.140.18.78	ttcbff03c	224.0.25.254	18931
933	Futures Equities – 1ES	110.140.18.78	ttcbff03c	224.0.25.254	18933
935	Futures Equities – 2ES	10.140.18.78	ttcbff03c	224.0.25.254	18935
937	Futures Equities – 3ES	10.140.18.78	ttcbff03c	224.0.25.254	18937
939	Futures Equities - 4ES	10.140.18.78	ttcbff03c	224.0.25.254	18939
941	Futures Nymex - 0CL	10.140.18.78	ttcbff03c	224.0.25.254	18941
943	Futures Nymex - 1CL	10.140.18.78	ttcbff03c	224.0.25.254	18943
945	FXMS - T1EUR/USD SPOT +E group	10.140.18.78	ttcbff03c	224.0.25.254	18945
947	FXMS - T1EUR/JPY SPOT +P group	10.140.18.78	ttcbff03c	224.0.25.254	18947
949	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.254	18949
951	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.254	18951
932	Futures Currencies – 06B	10.140.120.99	ttcbff04c	224.0.25.254	18932
934	Futures Currencies – 16B	10.140.120.99	ttcbff04c	224.0.25.254	18934
936	Futures Currencies – 26B	10.140.120.99	ttcbff04c	224.0.25.254	18936
938	Futures Currencies – 36B	10.140.120.99	ttcbff04c	224.0.25.254	18938
940	Futures Currencies – 46B	10.140.120.99	ttcbff04c	224.0.25.254	18940
942	Futures Interest rates – 1GE	10.140.120.99	ttcbff04c	224.0.25.254	18942
944	Futures Interest rates – 2GE	10.140.120.99	ttcbff04c	224.0.25.254	18944
946	Futures Interest rates – 3GE	10.140.120.99	ttcbff04c	224.0.25.254	18946
948	Futures Interest rates – 4GE	10.140.120.99	ttcbff04c	224.0.25.254	18948
950	Futures Interest rates – 5GE	10.140.120.99	ttcbff04c	224.0.25.254	18950
952	Futures Interest rates – 6GE	10.140.120.99	ttcbff04c	224.0.25.254	18952
954	Futures Interest rates – 7GE	10.140.120.99	ttcbff04c	224.0.25.254	18954
956	Futures Interest rates – 8GE	10.140.120.99	ttcbff04c	224.0.25.254	18956
958	Futures Interest rates – 9GE	10.140.120.99	ttcbff04c	224.0.25.254	18958

## AutoCert+ for FIX/FAST Snapshot in Certification

Channel	Definition	Source IP	Hostname	Data (A)	
				Address	Port
901	Options Interest rates – 1GE	10.135.70.113	ttcbff01c	224.0.25.126	19901
903	Options Interest rates – 2GE	10.135.70.113	ttcbff01c	224.0.25.126	19903
905	Options Interest rates – 3GE	10.135.70.113	ttcbff01c	224.0.25.126	19905
907	Options Interest rates – 4GE	10.135.70.113	ttcbff01c	224.0.25.126	19907
909	Options Equities – 0ES	10.135.70.113	ttcbff01c	224.0.25.126	19909
911	Options Equities – 1ES	10.135.70.113	ttcbff01c	224.0.25.126	19911
913	Options Currencies – 06B	10.135.70.113	ttcbff01c	224.0.25.126	19913
915	Options Currencies – 16B	10.135.70.113	ttcbff01c	224.0.25.126	19915
902	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	19902
904	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	19904
906	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	19906
908	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	19908
931	Futures Equities – 0ES	110.140.18.78	ttcbff03c	224.0.25.126	19931
933	Futures Equities – 1ES	110.140.18.78	ttcbff03c	224.0.25.126	19933
935	Futures Equities – 2ES	10.140.18.78	ttcbff03c	224.0.25.126	19935
937	Futures Equities – 3ES	10.140.18.78	ttcbff03c	224.0.25.126	19937
939	Futures Equities - 4ES	10.140.18.78	ttcbff03c	224.0.25.126	19939
941	Futures Nymex - 0CL	10.140.18.78	ttcbff03c	224.0.25.126	19941
943	Futures Nymex - 1CL	10.140.18.78	ttcbff03c	224.0.25.126	19943
945	FXMS - T1EUR/USD SPOT +E group	10.140.18.78	ttcbff03c	224.0.25.126	19945
947	FXMS - T1EUR/JPY SPOT +P group	10.140.18.78	ttcbff03c	224.0.25.126	19947
949	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	19949
951	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	19951
932	Futures Currencies – 06B	10.140.120.99	ttcbff04c	224.0.25.126	19932
934	Futures Currencies – 16B	10.140.120.99	ttcbff04c	224.0.25.126	19934
936	Futures Currencies – 26B	10.140.120.99	ttcbff04c	224.0.25.126	19936
938	Futures Currencies – 36B	10.140.120.99	ttcbff04c	224.0.25.126	19938
940	Futures Currencies – 46B	10.140.120.99	ttcbff04c	224.0.25.126	19940
942	Futures Interest rates – 1GE	10.140.120.99	ttcbff04c	224.0.25.126	19942
944	Futures Interest rates – 2GE	10.140.120.99	ttcbff04c	224.0.25.126	19944
946	Futures Interest rates – 3GE	10.140.120.99	ttcbff04c	224.0.25.126	19946
948	Futures Interest rates – 4GE	10.140.120.99	ttcbff04c	224.0.25.126	19948
950	Futures Interest rates – 5GE	10.140.120.99	ttcbff04c	224.0.25.126	19950
952	Futures Interest rates – 6GE	10.140.120.99	ttcbff04c	224.0.25.126	19952
954	Futures Interest rates – 7GE	10.140.120.99	ttcbff04c	224.0.25.126	19954
956	Futures Interest rates – 8GE	10.140.120.99	ttcbff04c	224.0.25.126	19956
958	Futures Interest rates – 9GE	10.140.120.99	ttcbff04c	224.0.25.126	19958

## AutoCert+ for FIX/FAST Instrument Definition in Certification

Channel	Definition	Source IP	Hostname	Data (A)	
				Address	Port
901	Options Interest rates – 1GE	10.135.70.113	ttcbff01c	224.0.25.126	19901
903	Options Interest rates – 2GE	10.135.70.113	ttcbff01c	224.0.25.126	16903
905	Options Interest rates – 3GE	10.135.70.113	ttcbff01c	224.0.25.126	16905
907	Options Interest rates – 4GE	10.135.70.113	ttcbff01c	224.0.25.126	16907
909	Options Equities – 0ES	10.135.70.113	ttcbff01c	224.0.25.126	16909
911	Options Equities – 1ES	10.135.70.113	ttcbff01c	224.0.25.126	16911
913	Options Currencies – 06B	10.135.70.113	ttcbff01c	224.0.25.126	16913
915	Options Currencies – 16B	10.135.70.113	ttcbff01c	224.0.25.126	16915
902	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	16902
904	CBOT Commodity Options	10.135.172.95	ttcbff02c	224.0.25.126	16904
906	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	16906
908	Options Nymex	10.135.172.95	ttcbff02c	224.0.25.126	16908
931	Futures Equities – 0ES	110.140.18.78	ttcbff03c	224.0.25.126	16931
933	Futures Equities – 1ES	110.140.18.78	ttcbff03c	224.0.25.126	16933
935	Futures Equities – 2ES	10.140.18.78	ttcbff03c	224.0.25.126	16935
937	Futures Equities – 3ES	10.140.18.78	ttcbff03c	224.0.25.126	16937
939	Futures Equities - 4ES	10.140.18.78	ttcbff03c	224.0.25.126	16939
941	Futures Nymex - 0CL	10.140.18.78	ttcbff03c	224.0.25.126	16941
943	Futures Nymex - 1CL	10.140.18.78	ttcbff03c	224.0.25.126	16943
945	FXMS - T1EUR/USD SPOT +E group	10.140.18.78	ttcbff03c	224.0.25.126	16945
947	FXMS - T1EUR/JPY SPOT +P group	10.140.18.78	ttcbff03c	224.0.25.126	16947
949	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	16949
951	CBOT Commodity Futures	10.140.18.78	ttcbff03c	224.0.25.126	16951
932	Futures Currencies – 06B	10.140.120.99	ttcbff04c	224.0.25.126	16932
934	Futures Currencies – 16B	10.140.120.99	ttcbff04c	224.0.25.126	16934
936	Futures Currencies – 26B	10.140.120.99	ttcbff04c	224.0.25.126	16936
938	Futures Currencies – 36B	10.140.120.99	ttcbff04c	224.0.25.126	16938
940	Futures Currencies – 46B	10.140.120.99	ttcbff04c	224.0.25.126	16940
942	Futures Interest rates – 1GE	10.140.120.99	ttcbff04c	224.0.25.126	16942
944	Futures Interest rates – 2GE	10.140.120.99	ttcbff04c	224.0.25.126	16944
946	Futures Interest rates – 3GE	10.140.120.99	ttcbff04c	224.0.25.126	16946
948	Futures Interest rates – 4GE	10.140.120.99	ttcbff04c	224.0.25.126	16948
950	Futures Interest rates – 5GE	10.140.120.99	ttcbff04c	224.0.25.126	16950
952	Futures Interest rates – 6GE	10.140.120.99	ttcbff04c	224.0.25.126	16952
954	Futures Interest rates – 7GE	10.140.120.99	ttcbff04c	224.0.25.126	16954
956	Futures Interest rates – 8GE	10.140.120.99	ttcbff04c	224.0.25.126	16956
958	Futures Interest rates – 9GE	10.140.120.99	ttcbff04c	224.0.25.126	16958