Transmission Schedule

Market	Start of Day	End of Day - Normal Close	End of Day - Early Close
UTP Securities Information Processor (SIP)			
Tape C - Nasdaq Listed Securities	4:00	20:00	17:00
Times stated for U.S. Eastern Time (ET) zone.			

Weekend Testing Schedule

Weekend Start of Day	Weekend End of Day
8:00	12:00
Times stated for U.S. Eastern Time (ET) zone.	

UTP Quotation Data Service Transmission schedule

Approximate Time - Normal Close	Approximate Time - Early Close	Message Description	Message Type	Approximate Time - Weekend	Message Type
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Start of Day	Category = C; Type = I	Variable (07:58 - 08:00)	Category = C; Type = I
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Reg SHO Short Sale Price Test Restricted Indicator Spin	Category = A; Type = V	Variable (07:58 - 08:00)	Category = A; Type = V
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Issue Symbol Directory Spin	Category = A; Type = B	8:00 AM	Category = A; Type = B
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Cross SRO Trading Action Spin	Category = A; Type = H	Variable (07:58 - 08:00)	Category = A; Type = H
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	General Administrative Message	Category = A; Type = A	Variable (07:58 - 12:20)	Category = A; Type = A
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Center Trading Action	Category = A; Type = K	Variable (07:58 - 12:20)	Category = A; Type = K
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Wide Circuit Breaker Decline Level Message	Category = A; Type = C	Variable (08:30 - 12:20)	Category = A; Type = C
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Reg SHO Short Sale Price Test Restricted Indicator	Category = A; Type = V	Variable (07:58 - 12:20)	Category = A; Type = V
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Issue Symbol Directory Spin	Category = A; Type = B	Variable (07:58 - 12:20)	Category = A; Type = B
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Cross SRO Trading Action	Category = A; Type = H	Variable (07:58 - 12:20)	Category = A; Type = H
Variable (04:00 - 20:00)	Variable (04:00 - 17:00)	Quotation Messages	Category = Q; Types = E, F, or M	Variable (07:58 - 12:20)	Category = Q; Types = E, F, or M
9:30	9:30	Market Session Open	Category = C; Type = O	9:30	Category = C; Type = O
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Limit Up – Limit Down Price Band Message	Category = A; Type = P	Variable (09:30 - 12:00)	Category = A; Type = P
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Auction Collar Message	Category = A; Type = E	Variable (09:30 - 12:00)	Category = A; Type = E
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Market Wide Circuit Breaker Status	Category = A; Type = D	Variable (09:30 - 12:00)	Category = A; Type = D
16:00	13:00	Session Close Recap Message	Category = A; Type = R	12:00	Category = A; Type = R
16:00	13:00	Market Session Close	Category = C; Type = C	12:00	Category = C; Type = C
20:00	17:00	End Of Day	Category = C; Type = J	12:20	Category = C; Type = J
20:01	17:01	End of Transmissions	Category = C; Type = Z	12:25	Category = C; Type = Z

During non-market hours, the UTP SIP **may broadcast unmarked** test data via the production multicast IP's. Customers should take necessary precautions to protect their systems against database corruption during evenings, weekends, and market holidays. In November 2017, UTP introduced **Test Broadcast IP** channels dedicated to evening format testing. With the introduction of the dedicated test channels, the UTP SIP will now send the weeknight testing data over these test broadcast channels between 9:30 PM - 10:30 PM. (http://www.nasdaqtrader.com/TraderNews.aspx?id=UTP2017-14)

UTP Trade Data Service Transmission schedule

Approximate Time - Normal Close	Approximate Time - Early Close	Message Description	Message Type	Approximate Time - Weekend	Message Type
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Start of Day	Category = C; Type = I	Variable (07:58 - 08:00)	Category = C; Type = I
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Reg SHO Short Sale Price Test Restricted Indicator Spin	Category = A; Type = V	Variable (07:58 - 08:00)	Category = A; Type = V
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Issue Symbol Directory Spin	Category = A; Type = B	8:00 AM	Category = A; Type = B
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Cross SRO Trading Action Spin	Category = A; Type = H	Variable (07:58 - 08:00)	Category = A; Type = H
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	General Administrative Message	Category = A; Type = A	Variable (07:58 - 12:20)	Category = A; Type = A
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Center Trading Action	Category = A; Type = K	Variable (07:58 - 12:20)	Category = A; Type = K
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Wide Circuit Breaker Decline Level Message	Category = A; Type = C	Variable (08:30 - 12:20)	Category = A; Type = C
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Reg SHO Short Sale Price Test Restricted Indicator	Category = A; Type = V	Variable (07:58 - 12:20)	Category = A; Type = V
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Issue Symbol Directory Spin	Category = A; Type = B	Variable (07:58 - 12:20)	Category = A; Type = B
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Cross SRO Trading Action	Category = A; Type = H	Variable (07:58 - 12:20)	Category = A; Type = H
Variable (04:00 - 20:00)	Variable (04:00 - 17:00)	Trade Messages	**Category = T; Types = M, N, O, P, Q**	Variable (07:58 - 12:20)	**Category = T; Types = M, N, O, P, Q**
9:30	9:30	Market Session Open	Category = C; Type = O	9:30	Category = C; Type = O
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Limit Up – Limit Down Price Band Message	Category = A; Type = P	Variable (09:30 - 12:00)	Category = A; Type = P
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Auction Collar Message	Category = A; Type = E	Variable (09:30 - 12:00)	Category = A; Type = E
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Market Wide Circuit Breaker Status	Category = A; Type = D	Variable (09:30 - 12:00)	Category = A; Type = D
Variable (10:00 - 20:00)	Variable (10:00 - 17:00)	Total Consolidated and Market Volume	**Category = V; Type = V**	Variable (10:00 - 12:00)	**Category = V; Type = V**
16:00	13:00	Market Session Close	Category = C; Type = C	12:00	Category = C; Type = C
Between 16:30 and 20:01	Between 13:30 and 17:01	Closing Trade Summary Report Message	**Category = A; Type = U**	12:05 -12:20	**Category = A; Type = U**
16:00:10	13:00:10	End of Consolidated Last Sale Eligibility	Category = C; Type = S	12:00:10	Category = C; Type = S
20:00	17:00	End Of Trade Reporting	Category = C; Type = X	12:20	Category = C; Type = X
20:00	17:00	End Of Day	Category = C; Type = J	12:20	Category = C; Type = J
20:01	17:01	End of Transmissions	Category = C; Type = Z	12:20	Category = C; Type = Z

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