

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.

UTP Quotation Data Service Transmission schedule			
Approximate Time - Normal Close	Approximate Time - Early Close	Message Description	Message Type
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Start of Day	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 (03:58 - 04:00)	Variable (03:58- 4:00)	Issue Symbol Directory Spin	Category = A; Type = B
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Cross SRO Trading Action Spin	Category = A; Type = H
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	General Administrative Message	Category = A; Type = A
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Center Trading Action	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 (03:58 - 20:00)	Variable (03:58- 17:00)	Reg SHO Short Sale Price Test Restricted Indicator	Category = A; Type = V
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Issue Symbol Directory Spin	Category = A; Type = B
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Cross SRO Trading Action	Category = A; Type = H
Variable (04:00 - 20:15)	Variable (04:00 - 17:15)	Quotation Messages	Category = Q; Types = E, F, or M
9:30	9:30	Market Session Open	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 - 16:00)	Variable (09:30 - 13:00)	Auction Collar Message	Category = A; Type = E
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Market Wide Circuit Breaker Status	Category = A; Type = D
16:00	13:00	Session Close Recap Message	Category = A; Type = R
16:00	13:00	Market Session Close	Category = C; Type = C
20:10	17:10	End Of Day	Category = C; Type = J
20:16	17:16	End of Transmissions	Category = C; Type = Z

UTP Trade Data Service Transmission schedule			
Approximate Time - Normal Close	Approximate Time - Early Close	Message Description	Message Type
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Start of Day	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 (03:58 - 04:00)	Variable (03:58- 4:00)	Issue Symbol Directory Spin	Category = A; Type = B
Variable (03:58 - 04:00)	Variable (03:58- 4:00)	Cross SRO Trading Action Spin	Category = A; Type = H
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	General Administrative Message	Category = A; Type = A
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Market Center Trading Action	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 (03:58 - 20:00)	Variable (03:58- 17:00)	Reg SHO Short Sale Price Test Restricted Indicator	Category = A; Type = V
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Issue Symbol Directory Spin	Category = A; Type = B
Variable (03:58 - 20:00)	Variable (03:58- 17:00)	Cross SRO Trading Action	Category = A; Type = H
Variable (04:00 - 20:15)	Variable (04:00 - 17:15)	Trade Messages	Category = T; Types = A, W, Z, Y or H
9:30	9:30	Market Session Open	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 - 16:00)	Variable (09:30 - 13:00)	Auction Collar Message	Category = A; Type = E
Variable (09:30 - 16:00)	Variable (09:30 - 13:00)	Market Wide Circuit Breaker Status	Category = A; Type = D
Variable (10:00 - 20:00)	Variable (10:00 - 17:00)	Total Consolidated and Market Volume	Category = V; Type = M
16:00	13:00	Market Session Close	Category = C; Type = C
Between 16:30 and 20:10	Between 13:30 and 17:10	Closing Trade Summary Report Message	Category = A; Type =Z
16:00	13:00	End of Consolidated Last Sale Eligibility	Category = C; Type = S
20:10	17:10	End Of Trade Reporting	Category = C; Type = X
20:10	17:10	End Of Day	Category = C; Type = J
20:16	20:16	End of Transmissions	Category = C; Type = Z