



NYSE Openbook Ultra Differences: 1.9 PDP vs. 2.1 vs. Pillar

Symbol Index	
NYSE Tape A 1.9 PDP	2-byte field, NYSE legacy symbol index convention.
NYSE Tape A 2.1	4-byte field, NYSE Arca symbol index convention.
NYSE Tapes B&C (Pillar)	Same as NYSE Tape A 2.1 PDP.
NYSE Tape A (Pillar)	Same as NYSE Tape A 2.1 PDP.

Number of messages per transaction	
NYSE Tape A 1.9 PDP	One consolidated Delta Update Message at the end of a transaction.
NYSE Tape A 2.1	One Delta Update Message for each action within a transaction. For a single transaction involving multiple actions, multiple Delta Update messages will be published.
NYSE Tapes B&C (Pillar)	Same as NYSE Tape A 2.1 PDP.
NYSE Tape A (Pillar)	Same as NYSE Tape A 2.1 PDP.



Refresh sequence initiated upstream

NYSE Tape A 1.9 PDP	A Full Update message with no pricing information is sent to the client to clear the book. Then, one consolidated Full Update message is sent to the client at the end of a refresh sequence.
NYSE Tape A 2.1	A Full Update message with no pricing information is sent to the client to clear the book. Then, one Delta Update message is sent for each open order.
NYSE Tapes B&C (Pillar)	Same as NYSE Tape A 2.1 PDP.
NYSE Tape A (Pillar)	Same as NYSE Tape A 2.1 PDP.

Non-live orders of non-IPO stocks

NYSE Tape A 1.9 PDP	One Delta Update message is sent for each order accepted, regardless of the trading status. Delta Update messages are published before the stock is opened and when the stock is halted.
NYSE Tape A 2.1	Same as NYSE Tape A 1.9 PDP.
NYSE Tapes B&C (Pillar)	No Delta Update messages are sent for non-live orders. Delta Update messages will be published when the orders go live at the start of their eligible trading session.
NYSE Tape A (Pillar)	<p>No Delta Update messages are sent for non-live orders of non-IPO stocks. Delta Update messages will be published when the orders go live at the start of their eligible trading session.</p> <p>For IPO Stocks, Delta Update messages will be published before the opening as they arrive, same as NYSE Tape A 1.9 PDP.</p>



Link IDs in OBU Delta Update Message

NYSE Tape A 1.9 PDP	Link IDs in the OBU Delta Update Messages are bundled trade IDs and match DBExecIDs in the gateway execution reports. If multiple displayed orders are executed in a single transaction, one Delta Update message will be published.
NYSE Tape A 2.1	Link IDs in the OBU Delta Update Messages are bundled trade IDs and match DBExecIDs in the gateway execution reports. If multiple displayed orders are executed in a single transaction, multiple Delta Update messages (one per execution) sharing the same Link ID (bundled trade ID) will be published.
NYSE Tapes B&C (Pillar)	Link IDs in the OBU Delta Update Messages are individual trade IDs. One Delta Update message for each individual trade will be published.
NYSE Tape A (Pillar)	Same as NYSE Tapes B&C (Pillar).

Reason Code in OBU Delta Update Message

Scenarios	NYSE Tape A 1.9 PDP	NYSE Tape A 2.1 NYSE Tapes B&C (Pillar) NYSE Tape A (Pillar)
A resting order is partially routed.	'X' – Multiple events	'C' - Cancel
A resting order is fully routed.	'X' – Multiple events	'C' - Cancel
A new order is partially traded upon arrival and the remaining quantity is displayed at the trading price.	One message with: 'X' – Multiple events	Two messages: 'E' – Execution 'O' – New Order
A resting reserve order is partially executed and replenished.	One message with: 'X' – Multiple events	Two messages: 'E' – Execution 'O' – New Order



Trading Status Field in Delta and Full Update Messages

NYSE Tape A 1.9 PDP	Valid values: 'P' – Pre-Opening 'O' – Core Session 'C' – Closed 'H' –Halted
NYSE Tape A 2.1	Same as NYSE Tape A 1.9 PDP
NYSE Tapes B&C (Pillar)	Valid values: 'P' – Pre-Opening 'E' – Early Session 'O' – Core Session 'C' – Closed 'H' –Halted
NYSE Tape A (Pillar)	TBD