

## Differences in Arca and BQT feeds before and after the Arca transition to 2.1

XDP Imbalance Feed 1.0 vs 2.1f - Imbalance message	
<b>Current Arca</b>	<ul style="list-style-type: none"> <li>• TotalImbalanceQty and MarketImbalanceQty fields are signed (minus means Sell imbalance)</li> <li>• ImbalanceSide is 0</li> <li>• Reference Price is not published</li> </ul>
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"> <li>• TotalImbalanceQty and MarketImbalanceQty are unsigned. The side of the imbalance is represented by the ImbalanceSide field.</li> <li>• The Reference price is published in addition to the Indicative Match Price. The logic for the Reference price is shown at a high level in the Integrated Feed 2.1 Client Spec, and in full detail in NYSE Rule 7.35P</li> <li>• The following new fields are added: <ul style="list-style-type: none"> <li>○ Upper Collar</li> <li>○ Lower Collar</li> <li>○ Auction Indicator</li> <li>○ Freeze Indicator</li> <li>○ Number of Extensions</li> </ul> </li> </ul>

XDP Common Client Spec 2.0m vs 2.1f - Trading Session Change message	
<b>Current Arca</b>	<ul style="list-style-type: none"> <li>• A Trading Session Change message is published when session changes</li> </ul>
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"> <li>• The Trading Session Change will no longer be published. The Security Status message is enhanced to contain the equivalent information.</li> </ul>

XDP Common Client Spec 2.0m vs 2.1f - Security Status changes	
<b>Current Arca</b>	<ul style="list-style-type: none"> <li>• Security Status for SSR state change is sent for primary stocks only</li> <li>• Security Status does not capture the change in the market state</li> <li>• Halt Condition and SSR state fields are not re-published in any subsequent Security Status message.</li> </ul>
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"> <li>• Security Status messages for SSR state change, are published for both primary and non-primary stocks.</li> <li>• Halt Condition, SSR State and Market State fields are populated with the latest value on every Security Status message regardless of the Security Status field. A Security Status message with a Security Status field of E, O or L is published every time the session changes, even if the stock is halted at the moment of transition. The Halt Condition field expresses any currently prevailing halt condition, even across a session transition.</li> <li>• See spec for message format changes</li> </ul>

XDP Common Client Spec 2.0m vs 2.1f - Symbol Index Mapping	
<b>Current Arca</b>	
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"> <li>• The following new fields are added: MPV, Unit of Trade and Reserved</li> </ul>

#### XDP Trades Feed 1.7 vs 2.4b - odd lot trades

<b>Current Arca</b>	<ul style="list-style-type: none"><li>• Odd lot trades that are part of opening/re-opening/closing, are only marked as 'I', but not as 'O'/'5'/'6'</li></ul>
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"><li>• Odd lot trades that are part of opening/re-opening/closing, will be marked as 'O'/'5'/'6' in addition to being marked as 'I'</li></ul>

#### XDP Trades Feed 1.7 vs 2.4b - all message types

<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"><li>• All message types have more granular field-level changes vs. the current production version.</li></ul>
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#### XDP BBO Feed 2.4c vs 2.4g

<b>Current Arca</b>	<ul style="list-style-type: none"><li>• No RPI indicator</li><li>• Source Time Reference message is sent per symbol</li></ul>
<b>Arca XDP 2.1</b>	<ul style="list-style-type: none"><li>• The RPI indicator is now added to the Quote message and is populated in the same way as on the quotes sent to the SIP</li><li>• Source Time Reference message is sent per TXN (trading unit)</li></ul>

#### NYSE BQT Feed

<b>Current BQT</b>	<ul style="list-style-type: none"><li>• For Arca only, a Trading Session Change message is published when the session changes</li></ul>
<b>BQT with Arca 2.1</b>	<ul style="list-style-type: none"><li>• The Trading Session Change message is no longer published for Arca. Trading session changes in all markets are notified using the Consolidated Security Status message.</li></ul>

#### NYSE BQT Feed

<b>Current BQT</b>	<ul style="list-style-type: none"><li>• For Arca, No RPI indicator appears in BQT messages and Consolidated Single-Sided Quote messages.</li></ul>
<b>BQT with Arca 2.1</b>	<ul style="list-style-type: none"><li>• For Arca, RPI indicators can appear in BQT messages and Consolidated Single-Sided Quote messages.</li></ul>