



# Field Mapping between OCG Interface and OG Interface

Version 1.34 28-20 June June 20143



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### 1. Document Control

#### 1.1 Change History

| Version<br>Number | Issue Date       | Section Number       | Status          |
|-------------------|------------------|----------------------|-----------------|
| 1.0               | 31 October 2012  | All                  | First Version   |
| 1.1               | 21 December 2012 | ■ 3 – Field Mappings | Revised Version |
| 1.2               | 25 March 2013    | ■ 3 – Field Mappings | Revised Version |
| 1.3               | 28 June 2013     | ■ 3 – Field Mappings | Revised Version |
| <u>1.4</u>        | 20 June 2014     | ■ 3 – Field Mappings | Revised Version |



#### 2. Introduction

This document describes all mapping of fields and enumerations, between Orion Central Gateway interface and Open Gateway interface.

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## 3. Field Mappings

| #  | Name                        | Description/ Contents   | OG – BSS Open Message Tag             | OCG FIX Tag / Enum Description                    | OCG Binary<br>Field & Enum  | Remarks   |
|----|-----------------------------|---|---------------------------------------|---|---|---|
| 1. | Board Lot<br>Indicator      | Indicates whether it's a Board Lot order or Odd Lot order                 | 99450                                 | 1093 = LotType                                    | Lot Type  |   |
| 2. |                             | Free Text to be returned in the   | 1072                                  | 58 = Text   | Text  |   |
|    | Comment                     | Execution Report  | 3072                                  |   |   |   |
|    |                             |   | 4072                                  |   |   |   |
| 3. | Broker ID                   | Broker Number   | 99032                                 | 448 = PartyID                                     |   |   |
|    |                             |   |                                       | 447 = PartyldSource ■ D = Proprietary/Custom Code |   |   |
|    |                             |   |                                       | 452 = PartyRole ■ 1 = Executing Firm              | Submitting Broker ID = Order Owning<br>Broker ID  |   |
|    |                             |   | 452 = PartyRole<br>■ 17 = Contra Firm | Counterparty Broker ID                            | Used in:  Counter party Broker ID in Execution Report for a trade Counter party Broker ID in Trade Capture Report |   |
|    |                             |   |                                       |   | 452 = PartyRole  36 = Entering Trader  Broker ID (in the same firm) on behalf of the order/trade owner Broker ID. | Submitting Broker ID  Must be different from Order Owning Broker ID  Broker ID (in the same firm) on behalf of the order/trade owner Broker ID. |
|    |                             |   |                                       | 452 = PartyRole<br>■ 35 = Liquidity Provider      | Submitting Broker ID  | Used in Party Entitlements Report to convey LP broker and security entitlements   |
| 4. | BS Order<br>Reference       | Order reference number generated by BSS                                   | 4020                                  | 11 = ClOrderID                                    | Client Order ID   |   |
| 5. | BS Trade<br>Reference       | Trade reference number generated by BSS.                                  | 6020                                  | 571 = TradeReportID                               | Trade Report ID   |   |
| 6. | BS Transaction<br>Reference | Transaction reference number generated by BSS for the transaction request | 9020                                  | 11 = ClOrderID                                    | Client Order ID   |   |



| #   | Name                            | Description/ Contents  | OG – BSS Open Message Tag   | OCG FIX Tag / Enum Description  | OCG Binary<br>Field & Enum  | Remarks   |  |  |
|-----|---------------------------------|--|---|---|---|---|--|--|
| 7.  | BS User ID                      | Any value that will be echoed back   | 99646   | 448 = PartyID   | Broker Location ID  |   |  |  |
|     | in the ER                       |  | 447 = PartyldSource ■ D = Proprietary/Custom Code  452 = PartyRole ■ 75 = Location ID |   |   |   |  |  |
| 8.  | Confirm Flag                    | Confirm Flag indicating confirmation/override to a Price Warning or a Notional Value Check | 99045   | 18 = ExecInst   | Execution Instructions  | Client has to explicitly state a check is<br>NOT required. Otherwise, respective<br>validation check will be performed                      |  |  |
|     |                                 |  | B = Both Consideration<br>(notional value) and Price<br>warning check required        | If both of the following are absent or false  • x = (lower case X) = Ignore Notional Value checks • c = (lower case C) = Ignore Price Validity checks | If both of the following are absent or false  1 = Ignore Notional Value checks  0 = Ignore Price Validity checks  |   |  |  |
|     |                                 |  |   | C = Consideration Warning<br>check required   | The following must be false:  • x = (lower case X) = Ignore Notional Value checks   | The following must be false:  1 = Ignore Notional Value checks  |  |  |
|     |                                 |  |   |   | P = Price Warning check<br>required   | The following must be false:  • c = (lower case C) = Ignore Price Validity checks   | The following must be false:  • 0 = Ignore Price Validity checks |  |
|     |                                 |  |   | • N = No check (i.e., none) required  | <ul> <li>both of the following must be true.</li> <li>x = (lower case X) = Ignore         Notional Value checks</li> <li>c = (lower case C) = Ignore Price         Validity checks</li> </ul> | <ul> <li>Both of the following must be true.</li> <li>1 = Ignore Notional Value checks</li> <li>0 = Ignore Price Validity checks</li> </ul> |  |  |
| 9.  | Date                            | YYYYMMDD   | 99791   | 60 = TransactTime   | Transact Time   | YYYYMMDD-HH:MM:SS.sss in UTC  |  |  |
| 10. | Direct Flag                     | Internalized (within the same<br>Member Firm) Trade  | 99063   | 1115 = OrderCategory ■ A = Internal Cross Order   | Order Category  1 = Internal Cross Order  |   |  |  |
| 11. | Filled Quantity                 | Total traded quantity for an order   | 99078   | 14 = CumQty   | Cumulative Quantity   |   |  |  |
| 12. | Fill Or Kill                    | Time In Force attribute FOK  | 99007   | 59 = TimeInForce<br>■ 4 = Fill or Kill  | Time In Force 4 = Fill or Kill  | FOK is not allowed for AMS Special Limit Order  |  |  |
| 13. | Market Code                     | AMS Market Code  |   | 1300 = MarketSegmentID  | Market Segment ID   |   |  |  |
| 14. | Maximum<br>Spread<br>Obligation |  |   | 1775 = Entitlement Type ■ 1 = Make Market   | Entitlement Type  1 = Make Market   | Used in Party Entitlement Report to convey RT obligations   |  |  |
|     |                                 |  |   | 1778 = EntitlementAttribType  | Entitlement Attrib Type   |   |  |  |



| 15. Message Number indicating error or warning  Message Number indicating error or warning in the following:  102 = CxlRejReason  - Amend Reject Code  - Cancel Reject Code  103 = OrdRejReason  - Quote Reject Code  300 = QuoteRejectReason  - Business Reject Code  332 = MassCancelRejectReason  - Mass Cancel Reject Code  153 = Trade Report Reject Code  154 = Trade Report Reject Code  155 = Text  S8 = Text  | #   | Name           | Description/ Contents | OG – BSS Open Message Tag    | OCG FIX Tag / Enum Description       | OCG Binary<br>Field & Enum                  | Remarks   |
|--|-----|----------------|-----------------------|------------------------------|--------------------------------------|---|---|
| 15. Message Number or warning  Message Number indicating error or warning  Message Number indicating error or warning  102 = CxlRejReason  103 = OrdRejReason  103 = OrdRejReason  104 = Mass Cancel Reject Code  105 = Mass Cancel Reject Code  106 = Mass Cancel Reject Code  107 = TradeReportRejectReason  108 = Reject Code  109 = CxlRejReason  109 = Order Reject Code  100 = Quote Reject Code  100 = Mass Cancel Reject Code  100 = Reje |     |                |                       |                              | 1779 = EntitlementAttribDatatype     | Entitlement Attrib                          |   |
| Number  or warning  following:  in the following:  in the following:  Amend Reject Code  Cancel Reject Code  103 = OrdRejReason  Order Reject Code  103 = QuoteRejectReason  Quote Reject Code  300 = QuoteRejectReason  Business Reject Code  380 = BusinessRejectReason  Business Reject Code  532 = MassCancelRejectReason  Mass Cancel Reject Code  751 = TradeReportRejectReason  Trade Report Reject Code  16. Message Text  Carries error / warning message text  Carries error / warning message text  |     |                |                       |                              | 1780 = EntitlementAttribValue        | Entitlement Attrib Value                    |   |
| Cancel Reject Code  103 = OrdRejReason  Order Reject Code  300 = QuoteRejectReason  Quote Reject Code  380 = BusinessRejectReason  Business Reject Code  532 = MassCancelRejectReason  Trade Report Reject Code  16. Message Text  Carries error / warning message text  Carries error / warning message  103 = OrdRejReason  Quote Reject Code  Business Reject Code  That Report Reject Code  1328 = RejectText  Reason  | 15. |                |                       | 4076                         |                                      |   |   |
| 103 = OrdRejReason   |     |                |                       |                              | 102 = CxlRejReason                   | ■ Amend Reject Code                         |   |
| 300 = QuoteRejectReason  300 = QuoteRejectReason  Business Reject Code  380 = Business Reject Code  532 = MassCancelRejectReason  Mass Cancel Reject Code  751 = TradeReportRejectReason  Trade Report Reject Code  16. Message Text  Carries error / warning message text  Carries error / warning message text  Carries error / warning message text   |     |                |                       |                              |                                      | ■ Cancel Reject Code                        |   |
| 380 = BusinessRejectReason  Business Reject Code  532 = MassCancelRejectReason  Mass Cancel Reject Code  751 = TradeReportRejectReason  Trade Report Reject Code  16. Message Text  Carries error / warning message text  Carries error / warning message text  Carries error / warning message text  Table Report Reject Code  1328 = RejectText  Reason  |     |                |                       |                              | 103 = OrdRejReason                   | <ul> <li>Order Reject Code</li> </ul>       |   |
| 532 = MassCancelRejectReason  Trade Report Reject Code  751 = TradeReportRejectReason  Trade Report Reject Code  16. Message Text  Carries error / warning message text  Carries error / warning message text  Carries error / warning message text  Trade Report Reject Code  Reason  |     |                |                       |                              | 300 = QuoteRejectReason              | <ul> <li>Quote Reject Code</li> </ul>       |   |
| 751 = TradeReportRejectReason Trade Report Reject Code  16. Message Text Carries error / warning message text text  Trade Report Reject Code  1328 = RejectText Reason   |     |                |                       |                              | 380 = BusinessRejectReason           | ■ Business Reject Code                      |   |
| 16. Message Text Carries error / warning message text Carries error / warning message text text Reason   |     |                |                       |                              | 532 = MassCancelRejectReason         | <ul> <li>Mass Cancel Reject Code</li> </ul> |   |
| text   |     |                |                       |                              | 751 = TradeReportRejectReason        | ■ Trade Report Reject Code                  |   |
|  | 16. | Message Text   |                       | 3076                         | 1328 = RejectText                    | Reason                                      |   |
| Applicable only in Order Mass Cancel Report  |     |                |                       |                              | Applicable only in Order Mass Cancel |   |   |
| Volume 1 = Make Markets 1 = Make Markets convey RT obligations   | 17. | Volume         |                       |                              |                                      |   | Used in Party Entitlement Report to convey RT obligations |
| 1778 = EntitlementAttribType Entitlement Attrib Type   |     | Obligation     |                       | 1778 = EntitlementAttribType | Entitlement Attrib Type              |   |   |
| 1779 = EntitlementAttribDatatype Entitlement Attrib Datatype   |     |                |                       |                              | 1779 = EntitlementAttribDatatype     | Entitlement Attrib Datatype                 |   |
| 1780 = EntitlementAttribValue Entitlement Attrib Value   |     |                |                       |                              | 1780 = EntitlementAttribValue        | Entitlement Attrib Value                    |   |
| 18. Number of Days to Password Expiry  Applicable only in 35=A message if this message is sent by the OCG.  Text  Applicable only in Logon (5) message if this message is sent by the OCG.   | 18. | to Password    |                       | 99864                        | Applicable only in 35=A message if   | Applicable only in Logon (5) message        |   |
| 19. Order Leaves Quantity 99569 151 = LeavesQty Leaves Quantity Outstanding Quantity   | 19. | Outstanding    | Leaves Quantity       | 99569                        | 151 = LeavesQty                      | Leaves Quantity                             |   |
| 20. Order PriceOrder Price1032L44 = PriceOrder Price   | 20. | Order Price    | Order Price           | 1032L                        | 44 = Price                           | Order Price                                 |   |
| 21. Order Quantity Total Order Quantity 3035A 38 = OrderQty Order Quantity   | 21. | Order Quantity | Total Order Quantity  | 3035A                        | 38 = OrderQty                        | Order Quantity                              |   |



| #   | Name                     | Description/ Contents       | OG – BSS Open Message Tag | OCG FIX Tag / Enum Description  | OCG Binary<br>Field & Enum   | Remarks                      |
|-----|--------------------------|-----------------------------|---------------------------|---|--|------------------------------|
| 22. | Order<br>Registered Date |                             | 99794                     | 60 = TransactTime   | Transact Time  | YYYYMMDD-HH:MM:SS.sss in UTC |
| 23. | Order<br>Registered Time |                             | 99033                     | 60 = TransactTime   | Transact Time  | YYYYMMDD-HH:MM:SS.sss in UTC |
| 24. | Order Sequence<br>Number | Order ID                    | 0C20                      | 37 = OrderID  | Order ID   |                              |
| 25. | Order Side               | Side                        | 99191                     | 54 = Side   | Side   |                              |
|     |                          |                             | ■ A = Ask                 | ■ 2 = Sell  | ■ 2 = Sell   |                              |
|     |                          |                             | ■ B = Bid                 | ■ 1 = Buy   | ■ 1 = Buy  |                              |
| 26. | Order Status             | Current Status of the Order | 99190                     | 39 = OrdStatus  | Order Status   |                              |
|     |                          |                             | O in UOI                  | ■ 0 = New   | ■ 0 = New  |                              |
|     |                          |                             | ■ M in UOI                | ■ 0 = New   | ■ 0 = New  |                              |
|     |                          |                             | O in UOU                  | <ul><li>0 = New if CumQty = 0</li><li>1 = Partially Filled if CumQty &gt; 0</li></ul> | <ul> <li>0 = New if Executed Qty = 0</li> <li>1 = Partially Filled if Executed Qty &gt; 0</li> </ul> |                              |
|     |                          |                             | C in UOI                  | <ul><li>4 = Cancelled</li><li>C = Expired</li></ul>                                   | <ul><li>4 = Cancelled</li><li>12 = Expired</li></ul>   |                              |
|     |                          |                             | O in UTU                  | <ul><li>1 = Partially filled</li></ul>  | <ul><li>1 = Partially filled</li></ul>   |                              |
|     |                          |                             | ■ F in UTU                | ■ 2 = Filled  | ■ 2 = Filled   |                              |
|     |                          |                             | ■ X in UOR                | ■ 8 = Rejected  | ■ 8 = Rejected   |                              |
| 27. | Order Type               | Order Type                  | 99192                     |   |  |                              |
|     |                          |                             | ■ L = Limit               | 40 = OrdType<br>■ 2 = Limit   | Order Type  2 = Limit  |                              |
|     |                          |                             |                           | 1090 = MaxPriceLevels  1 = 1 level (i.e., Best)                                       | Max Price Levels  1 = 1 level (i.e., Best)   |                              |
|     |                          |                             | ■ E = Enhanced Limit      | 40 = OrdType<br>■ 2 = Limit   | Order Type 2 = Limit   |                              |
|     |                          |                             | ■ S = Special Limit       | 40 = OrdType<br>■ 2 = Limit   | Order Type 2 = Limit   |                              |
|     |                          |                             |                           | 59 = TimeInForce<br>■ 3 = IOC   | Time in Force ■ 3 = IOC  |                              |



| #   | Name                 | Description/ Contents                                     | OG – BSS Open Message Tag | OCG FIX  | OCG Binary                                    | Remarks                                |  |                      |  |
|-----|----------------------|---|---------------------------|--|---|--|--|----------------------|--|
|     |                      |   |                           | Tag / Enum Description   | Field & Enum                                  |  |  |                      |  |
|     |                      |   | A = At Auction            | 40 = OrdType<br>■ 1 = Market   | Order Type  1 = Market                        |  |  |                      |  |
|     |                      |   |                           | 59 = TimeInForce ■ 9 = At Crossing   | Time In Force 9 = At Cross                    |  |  |                      |  |
|     |                      |   | ■ I = Auction Limit       | 40 = OrdType<br>■ 2 = Limit  | Order Type 2 = Limit                          |  |  |                      |  |
|     |                      |   |                           | 59 = TimeInForce ■ 9 = At Crossing   | Time In Force ■ 9 = At Cross                  |  |  |                      |  |
|     |                      |   | • Q = Quote               | 40 = OrdType<br>■ 2 = Limit  | Order Type 2 = Limit                          |  |  |                      |  |
|     |                      |   |                           | 1090 = MaxPriceLevels 1 = 1 level (i.e., Best)   | Max Price Levels  1 = 1 level (i.e., Best)    |  |  |                      |  |
| 28. | Public Trade<br>Type | Trade Type reported to / assigned by the                  | 99223                     |  |   | Refer to Trade Type below              |  |                      |  |
| 29. | RT Flag              | Is this broker a Liquidity Provider (LP)?                 |                           |  |   | 99355                                  | 452 = PartyRole  35 = Liquidity Provider                             | Entitlement Type = 1 |  |
|     |                      |   |                           | Used in Party Entitlement Report<br>(35=CV) to indicate a Broker ID in<br>PartyDetailGrp as a market maker | Used in Party Entitlement Report              |  |  |                      |  |
| 30. | RT Security<br>Code  | Instrument for which Liquidity Provider is entitled to    |                           | ·  | 1535 = Instrument Scope Operator  1 = Include | Instrument Scope Operator  1 = Include | Used in Party Entitlement Report<br>(35=CV) to convey RT obligations |                      |  |
|     |                      |   |                           |  | 1536 = Instrument Scope Symbol                | Instrument Scope Symbol                | RT Security Code   |                      |  |
| 31. | Security Code        | Symbol/Instrument/Security ID as assigned by the Exchange | 2035B                     | 48 = SecurityID  | Security ID                                   |  |  |                      |  |
| 32. | Settlement Type      | Applicable to off-exchange trades                         | 99247                     | 577 = Clearing Instruction   | Clearing Instruction                          |  |  |                      |  |
|     |                      | only.   | ■ Blank = Normal          | ■ 0 = Process normally   | ■ 0 = Process normally                        |  |  |                      |  |
|     |                      |   | ■ I = Isolate             | ■ 1 = Exclude from all netting   | ■ 1 = Exclude from all netting                |  |  |                      |  |
|     |                      |   | ■ B = Buy In              | ■ 14 = Buy In  | ■ 14 = Buy In                                 |  |  |                      |  |
| 33. | Time                 | HHMMSS  | 99273                     | 60 = TransactTime  | Transact Time                                 |  |  |                      |  |
| 34. | Trade Class          | Origin Indicator  | 99296                     | 528 = OrdeCapacity   | Order Capacity                                |  |  |                      |  |
|     | Origin               |   | ■ A = Agency              | ■ A = Agency   | ■ 1 = Agency                                  |  |  |                      |  |



| #   | Name                 | Description/ Contents              | OG – BSS Open Message Tag      | OCG FIX Tag / Enum Description  | OCG Binary<br>Field & Enum  | Remarks                        |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|-----|----------------------|------------------------------------|--------------------------------|---|---|--------------------------------|----------------------------|--|--|--|------------|-------------------------------|-----------------------|--|--------------------|-------------------------------|-----------------------|--|
|     |                      |                                    | ■ P = Principal                | ■ P = Principal   | ■ 2 = Principal   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ R = RT                       |   |   | Deprecated in OCG interface.   |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
| 35. | Trade Class<br>Hedge | Hedge Indicator                    | 99295                          |   |   | Deprecated in OCG interface.   |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
| 36. | Trade Class          | Short Sell Indicator               | 99297                          |   |   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     | Short Sell           |                                    | ■ N = Non Short Sell           | Default value if the tag is not present   | Default value if the field is not present   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ Y = Short Sell               | 54 = Side 5 = Sell Short  | Side ■ 5 = Sell Short   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ A = Arbitrage                | 54 = Side<br>■ 5 = Sell Short   | Side ■ 5 = Sell Short   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    |                                | <ul><li>529 = Order Restrictions</li><li>2 = Index Arbitrage</li></ul>  | Order Restrictions 2 = Index Arbitrage  |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ C = Cover                    | 54 = Side<br>■ 1 = Buy  | Side<br>■ 1 = Buy   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    |                                |   |   | 77 = PositionEffect  C = Close | Position Effect  1 = Close |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    |                                |   |   |                                |                            |  |  |  | ■ F = SFMM | 54 = Side<br>■ 5 = Sell Short | Side ■ 5 = Sell Short |  |                    |                               |                       |  |
|     |                      |                                    |                                | <ul> <li>529 = Order Restrictions</li> <li>6 = Acting as market maker or specialist in underlying security of a derivative</li> </ul> | <ul> <li>Order Restrictions</li> <li>6 = Acting as market maker or specialist in underlying security of a derivative</li> </ul> |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    |                                |   |   |                                |                            |  |  |  |            |                               |                       |  | ■ M = Market Maker | 54 = Side<br>■ 5 = Sell Short | Side ■ 5 = Sell Short |  |
|     |                      |                                    |                                | <ul> <li>529 = Order Restrictions</li> <li>5 = Acting as market maker or specialist in security</li> </ul>                            | Order Restrictions  5 = Acting as market maker or specialist in security  |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
| 37. | Trade Indicator      | Trade type used while reporting an | 99301                          | 828 = TrdType   | Trade Type  |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      | off-exchange (i.e., manual) trade  | ■ L= Odd Lot/Special Lot Trade | ■ 102 = Odd lot trade   | ■ 102 = Odd lot trade   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ M = Manual Trade             | <ul> <li>22 = Privately negotiated trade</li> </ul>   | <ul><li>22 = Privately negotiated trade</li></ul>   |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ R = Previous Day's Trade     | ■ 4 = Late trade  | ■ 4 = Late trade  |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |
|     |                      |                                    | ■ V = Overseas Trade           | ■ 104 = Overseas trade  | ■ 104 = Overseas trade  |                                |                            |  |  |  |            |                               |                       |  |                    |                               |                       |  |



| #   | Name                     | Description/ Contents        | OG – BSS Open Message Tag                                   | OCG FIX Tag / Enum Description  | OCG Binary<br>Field & Enum  | Remarks  |
|-----|--------------------------|------------------------------|---|---|---|--|
| 38. | Trade Price              | Traded Price                 | 2032L   | 31 = LastPx   | Execution Price   |  |
|     | Trade Quantity           | Traded Quantity              | 4035A   | 32 = LastQty  | Execution Quantity  |  |
|     | Trade Reference<br>Group | AMS Trade ID                 | 99659   | 880 = TrdMatchID  | Trade Match ID  | Applicable to:  Auto-matched trade, and  Semi-auto matched trades – for the side that refers to an odd lot/special lot order |
|     |                          |                              |   | 1003 = TradeID  | Trade ID  | Applicable to Off-Exchange Trade & Semi-auto matched trades  |
| 41. | Trade Side               | Trade Side                   | 99453   | 53 = Side   | Side  |  |
|     |                          |                              | ■ B = Buy   | ■ 1 = Buy   | ■ 1 = Buy   |  |
|     |                          |                              | ■ S = Sell  | ■ 2 = Sell  | ■ 2 = Sell  |  |
| 42. | Trade Type               | Exchange assigned trade type | 99300   |   |   |  |
|     |                          |                              | ■ A = Automatched   | 574 = Match Type<br>4 = Auto Match  | Match Type ■ 4 = Auto Match   |  |
|     |                          |                              | ■ E = Semi Automatched Special Lot                          | 828 = TrdType  102 = Odd lot trade  5681 = Exchange Trade Type  E = Special Lot – Semi Auto | Trade Type  102 = Odd lot trade  Exchange Trade Type  E = Special Lot – Semi Auto |  |
|     |                          |                              | ■ M = Manual Normal Price                                   | 5681 = Exchange Trade Type  M = Manual Trade  | Exchange Trade Type  M = Manual Trade   | FIX tag 5681 is already defined in the custom tag repository of FPL  |
|     |                          |                              | <ul> <li>O = Semi-auto-matched odd lot<br/>trade</li> </ul> | 828 = TrdType  102 = Odd lot trade  5681 = Exchange Trade Type  O = Odd Lot – Semi Auto     | Trade Type  102 = Odd lot trade  Exchange Trade Type  O = Odd Lot – Semi Auto     |  |
|     |                          |                              | ■ P = Odd Lot Trade   | 5681 = Exchange Trade Type P = Odd Lot Trade  | Exchange Trade Type  P = Odd Lot Trade  |  |
|     |                          |                              | • Q = Special Lot Trade                                     | 5681 = Exchange Trade Type Q = Special Lot Trade  | Exchange Trade Type  Q = Special Lot Trade  |  |
|     |                          |                              | R = Previous Day's Trade                                    | 5681 = Exchange Trade Type  R = Previous Day's Trade  | Exchange Trade Type  R = Previous Day's Trade                                     |  |



| # | Name | Description/ Contents | OG – BSS Open Message Tag   | OCG FIX Tag / Enum Description                                     | OCG Binary<br>Field & Enum                                 | Remarks |
|---|------|-----------------------|-----------------------------|--|--|---------|
|   |      |                       | ■ S = Manual Special Price  | 5681 = Exchange Trade Type ■ S = Manual – Non Standard Price Trade | Exchange Trade Type  S = Manual – Non Standard Price Trade |         |
|   |      |                       | ■ U = Auction Matched Trade | 574 = Match Type  5 = Cross Auction                                | Match Type ■ 5 = Cross Auction                             |         |
|   |      |                       | ■ V = Overseas              | 5681 =Exchange Trade Type ■ V = Overseas Trade                     | Exchange Trade Type  V = Overseas Trade                    |         |