



## FIX Designated Order Routing June 2007

CHX FIX connectivity supports routing of orders to specified destinations. See *CHX FIX Interface* for more detail.

If a FIX order sending firm elects to designate routing to specific destinations on an order by order basis, the *DeliverToCompID* field will be used to route orders to their destination. If the order cannot be routed to the specified *DeliverToCompID* destination, for example because the issue is not traded at the specified destination, the order will be returned to the sender.

If no *DeliverToCompID* instruction is specified, orders will be routed according to the issue or order sending firm level Primary, Secondary or Alternate Routing Destination instructions as established with CHX. Please see document titled *Routing User Guide* for further information.

Tag	Field Name	Reqd	Value
128	DeliverToCompID	N	[This field is in the header section] A four alphabetic character field that will identify the CHX Institutional Broker, off-Exchange market maker, CHX Matching System ('ECHX') or order routing vendor that will receive the message.
115	OnBehalfOfCompID	N	[This field is in the header section] A maximum four-character field used to identify firm originating message.
7374	RoutingInst	N	[This field is in the body section] User-defined field. Routing instruction. Absence of this field is interpreted as Default (0) 0 = Default Setting – 'Route'. If the order cannot be routed to the specified destination 1 = 'Do not route' Reject order to the sender.

### FIX Designated Routing Example

**Note:** Off-Exchange market maker, CHX Institutional Broker and order routing vendor *DeliverToCompID* symbol designations can be obtained from CHX. The below example using MMXY is for illustrative purposes only.

- In the below example, an order specifies routing to the off-Exchange market maker MMXY. If the order cannot be routed to MMXY because MMXY does not accept the order, then the order will be rejected to the sender even though the order is routable.

Tag	Field Name	Value
35	MsgType	D (Order-Single)
128	DeliverToCompID	MMXY
54	Side	1 (Buy)
38	OrderQty	1000
55	Symbol	IBM
40	OrdType	2 (Limit)
44	Price	80.00
59	TimeInForce	1 (GTC)