

Overview

Resting orders with the non-displayed swap instruction (NDS) can execute in circumstances where they would otherwise lock against Post Only contra-side orders. NDS unlocks resting orders, enabling them to be liquidity removers in certain circumstances. With NDS, execution opportunities are increased by providing a means for non-displayed resting orders to execute against Post Only contra-side orders that would otherwise be bypassed.

Order Types that can use NDS

- Hidden Limit Orders
- Hidden Primary Peg Orders
- Market Peg Orders
- Mid-Peg Orders

Behavior

NDS orders, if executed upon arrival, will always be removers of liquidity. Resting orders with the NDS instruction will become liquidity removers when incoming Post Only orders would otherwise lock with them.

- Non-displayed orders without NDS may cede priority to resting NDS orders. Specifically, a later-arriving NDS order will execute instead of the earlier-arriving equally priced order lacking the NDS instruction, whenever the contra-side is a Post Only limit order at the same price. A displayed order will never cede priority to an order with an NDS instruction.
- Once NDS orders are resting on the book, executions can occur as follows:
 - If a liquidity swap is required in order to execute, NDS orders will be subject to the liquidity removal fee.
 - If NDS orders can trade with Post Only contra-side orders eligible to remove liquidity, resting NDS orders then execute as liquidity adders and do not liquidity swap.

Technical Details

Members may utilize the NDS functionality on EDGX using either FIX or BOE by sending the following instructions:

BOE Field	FIX Tag	Req'd	Comments
RoutingInst	9303	Y	N = Non-Displayed Swap
DisplayIndicator	9479	Y	I = Hidden
OrdType	40	N	2 = Limit, P = Pegged

