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**TO:** LIGHTSPEED TRADING CUSTOMERS/TRADERS  
**FROM:** OPERATIONS GROUP  
**SUBJECT:** ARCA HIDDEN AND PEGGING  
**DATE:** 9/26/2011

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Beginning Wednesday 9/28 Lightspeed Trader Versions 7.0.226.1 and above will support ARCA hidden orders as well as two new ARCA Pegged Orders: ARCA-Primary-Pegged Order and ARCA-Midpoint-Pegged Order.

### **What is the ARCA Hidden Order?**

The ARCA Hidden order is known as a 'Passive Liquidity Order.' The PL Order is a non-displayed order. At a price, the PL Order loses priority to all displayed interest. In issues where NYSE Arca is the primary listing, the Passive Liquidity Order will be unavailable.

### **How do I send ARCA Hidden Orders?**

Send ARCA Hidden just as you would any other hidden order. Hit 'H' while your pop up is up or set visible to 'Hidden' in your Order Entry Window.

### **Why is my Hidden Order being rejected?**

ARCA's Passive Liquidity Order is not accepted in any ARCA Listed Security. This includes any ARCA listed ETF's.

### **What is ARCA Primary Peg?**

ARCA Primary Peg is a passive order that is intended to peg to the best NBBO on the same side of market. Users can only peg to the inside market.

### **What is ARCA Midpoint Peg?**

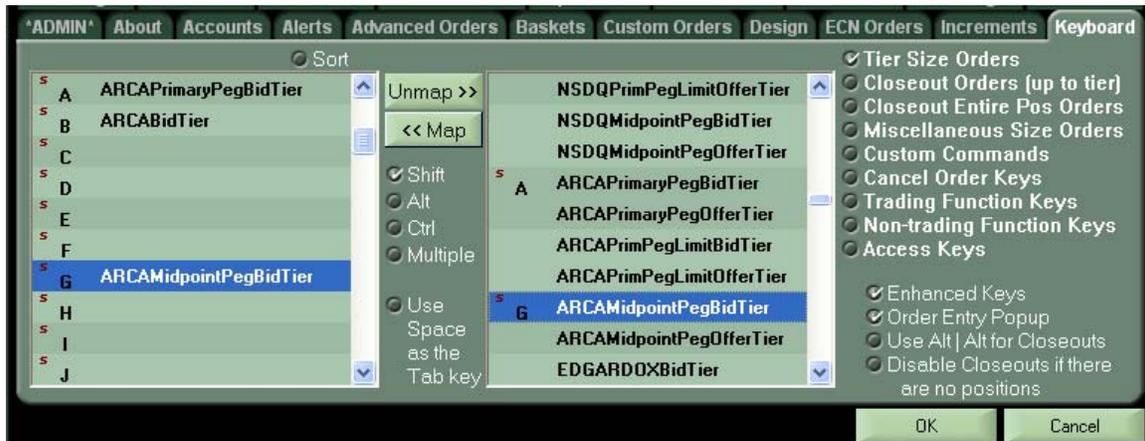
The ARCA Midpoint Peg is the Midpoint Passive Liquidity Order. As in the Passive liquidity order, MPLs are not displayed. MPLs will be executable at the midpoint of the NBBO down to 3 decimal places if necessary when the spread is an odd number. They do not receive price improvement. When the market is locked, MPLs will trade at the locked price and when the market is crossed, eligible MPLs will wait for the market to uncross (but not necessarily unlock) before becoming eligible to trade again. MPL orders have a minimum entry size of 100.

### **How do I get permission to Pegged Orders?**

ARCA Hidden orders are available to all users. Ask your RM for permission to use Pegged order types.

## How do I map ARCA Primary Peg and ARCA Midpoint Peg to my Keyboard?

Once you have permission to Pegged orders, you can map both keys to your keyboard in your Keyboard Tab. Select the type of key to map (Tier, Closeout, or Closeout Full) and be sure to select “Enhanced Keys” to see the extended list of keys available. Once you have found the keys, map them to your keyboard as seen below:



## How do I use ARCA Primary Peg?

Set the price to your Limit Price, the highest price you would be willing to buy at or the lowest price you would be willing to sell at.

In the example below using my keyboard key or Order Entry Window I will peg to the inside bid of 113.86 and will not execute at a higher price.

ARCA Peg 100 SPY																																																																																																													
113.86		100																																																																																																											
<table border="1"> <tr> <td colspan="10">SPY</td> </tr> <tr> <td>TIER NY1</td> <td>CLOSE</td> <td>113.54</td> <td>SIZE</td> <td colspan="6">2500</td> </tr> <tr> <td>HI</td> <td>115.07</td> <td>OPEN</td> <td>114.61</td> <td colspan="6">VOL 144,524.4</td> </tr> <tr> <td>LO</td> <td>112.98</td> <td>CHG</td> <td>+0.31</td> <td colspan="6">BxA 43x88</td> </tr> <tr> <td>LAST</td> <td>113.85</td> <td>CHG %</td> <td>+0.27%</td> <td colspan="6">SPR. 0.01</td> </tr> <tr> <td colspan="10">EXCHG ARCA</td> </tr> <tr> <td>Qty</td> <td>MM</td> <td>Price</td> <td>Qty</td> <td>MM</td> <td>Price</td> <td>Ex</td> <td>Price</td> <td>Qty</td> <td></td> </tr> <tr> <td>25</td> <td>PHLX</td> <td>113.86</td> <td>27</td> <td>BATS</td> <td>113.87</td> <td>Z</td> <td>113.85</td> <td>25</td> <td></td> </tr> <tr> <td>11</td> <td>NSDQ</td> <td>113.86</td> <td>23</td> <td>PHLX</td> <td>113.87</td> <td>Q</td> <td>113.86</td> <td>2</td> <td></td> </tr> <tr> <td>3</td> <td>BATS</td> <td>113.86</td> <td>19</td> <td>ARCA*</td> <td>113.87</td> <td>Z</td> <td>113.86</td> <td>1</td> <td></td> </tr> </table>										SPY										TIER NY1	CLOSE	113.54	SIZE	2500						HI	115.07	OPEN	114.61	VOL 144,524.4						LO	112.98	CHG	+0.31	BxA 43x88						LAST	113.85	CHG %	+0.27%	SPR. 0.01						EXCHG ARCA										Qty	MM	Price	Qty	MM	Price	Ex	Price	Qty		25	PHLX	113.86	27	BATS	113.87	Z	113.85	25		11	NSDQ	113.86	23	PHLX	113.87	Q	113.86	2		3	BATS	113.86	19	ARCA*	113.87	Z	113.86	1	
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Order Entry : SPY				
Symbol	Shares	Limit Price	Market	
SPY	100	113.86	ARCA	
Type	Visible	TIF		
ARCA Primary Peg	100	0.00	DAY	
Inside Bid		Inside Ask		
SELL	113.86	BUY		

## How do I use ARCA Midpoint Peg?

Set the price to your Limit Price, the highest price you would be willing to buy at or the lowest price you would be willing to sell at.

In the example below, the order in IMAX will be a hidden order to buy at 15.50 (the midpoint of the best bid and offer).

ARCA Mid 100 IMAX								
15 53			100					
<b>IMAX</b>								
TIER NY1			CLOSE 15.74			SIZE 100		
HI 15.95			OPEN 15.95			VOL 445.8		
LO 15.22			CHG -0.24			BxA 1x15		
LAST 15.50			CHG % -1.52%			SPR. 0.06		
EXCHG NYSE								
Qty	MM	Price	Qty	MM	Price	Ex	Price	Qty
1	NYSE	15.47	6	ARCA	15.53	Z	15.50	1
2	BATS	15.45	5	NSDQ	15.53	Z	15.44	1
3	NSDQ	15.44	4	TMBR	15.53	N	15.44	1

Order Entry : IMAX				
Symbol	Shares	Limit Price	Market	
IMAX	100	15.53	ARCA	
Type	Visible	TIF		
Midpoint Peg	100	0.00	DAY	
		Inside Bid	Inside Ask	
SELL	15.47	15.53	BUY	