



May 4, 2011

To: OPRA Multicast Data Recipients

Subject: **Multicast Line Symbol Distribution Modification: Security Symbol & Expiration Month -- Update to April 19, 2011 Notice (Revised Symbol Call/Put split from AAP to AAPL)**

Summary

In order to maintain efficient use of multicast line capacity, OPRA symbol distribution is modified periodically. OPRA will begin to employ a new symbol distribution, **by Security Symbol and Expiration Month. The new symbol distribution date is scheduled for Start of Day Monday, July 25, 2011.**

Modification

The current symbol distribution is based on the first 5 characters of the Security Symbol. The new symbol distribution will include the 6th character, the Expiration Month Call/Put Indicator (see Section 7.14 of the OPRA Data Recipient Interface Specification; http://www.opradata.com/specs/data_recipient_interface.pdf). This will allow Calls and Puts for the same Security Symbol to be routed on separate lines. **For the new symbol distribution beginning on July 25th, only the Security Symbols AAPL, GLD, and SPY, will have their Calls (Expiration Month Indicators A-L) and Puts (Expiration Month Indicators M-X) routed on separate lines (see Appendices A and B for enhanced chart/text layout).**

Testing/Questions

Replay files with the new symbol distribution will be available weeknights beginning May 3, 2011. To coordinate testing, **and to provide verbal or written confirmation of testing which is required by all Data Recipients**, please register in one of the following ways:

1. E-mail your name, organization name, phone number, and date of test(s) to: CQS-CTS-OPRA@siac.com.com, or
2. Contact the Service Desk at 866-873-7422.

Indirect Data Recipients must contact their service provider to coordinate testing.

Sincerely,

Michael Collazo
Director
National Market Systems (NMS)
Product Planning & Management

APPENDIX-A

Line	Revised Symbol Distribution Effective: July 25, 2011											
	Security Symbol					Exp Mo	Security Symbol					Exp Mo
1	A					A	A	A	P	L		L
2	A	A	P	L		M	A	D	H	Z	Z	X
3	A	D	I			A	A	K	L	Z	Z	X
4	A	K	M			A	A	M	Z	Z	Z	X
5	A	N				A	A	X	M	Z	Z	X
6	A	X	N			A	B	G	Z	Z	Z	X
7	B	H				A	B	T	Z	Z	Z	X
8	B	U				A	C	E	Z	Z	Z	X
9	C	F				A	C	M	Z	Z	Z	X
10	C	N				A	C	S	C	Z	Z	X
11	C	S	D			A	D	E	Z	Z	Z	X
12	D	F				A	D	J	Z	Z	Z	X
13	D	K				A	E	E	M	Z	Z	X
14	E	E	N			A	E	U	Q	Z	Z	X
15	E	U	R			A	F	A	Z	Z	Z	X
16	F	B				A	F	T	Z	Z	Z	X
17	F	U				A	G	L	D			L
18	G	L	D			M	G	O	O	Z	Z	X
19	G	O	P			A	H	N	Z	Z	Z	X
20	H	O				A	I	D	Z	Z	Z	X
21	I	E				A	I	W	L	Z	Z	X
22	I	W	M			A	I	W	M	Z	Z	X
23	I	W	N			A	J	N	M	Z	Z	X
24	J	N	N			A	K	L	Z	Z	Z	X
25	K	M				A	L	T	Z	Z	Z	X
26	L	U				A	M	D	Y	Z	Z	X
27	M	D	Z			A	M	N	X	Z	Z	X
28	M	N	Y			A	M	V	Z	Z	Z	X
29	M	W				A	N	E	Z	Z	Z	X
30	N	F				A	N	X	Z	Z	Z	X
31	N	Y				A	P	A	Z	Z	Z	X
32	P	B				A	P	L	Z	Z	Z	X
33	P	M				A	Q	K	Z	Z	Z	X
34	Q	L				A	R	C	Z	Z	Z	X
35	R	D				A	R	U	S	Z	Z	X
36	R	U	T			A	S	H	Z	Z	Z	X
37	S	I				A	S	P	D	Z	Z	X
38	S	P	E			A	S	P	Y			L
39	S	P	Y			M	S	R	R	Z	Z	X
40	S	R	S			A	T	A	Z	Z	Z	X
41	T	B				A	T	M	Z	Z	Z	X
42	T	N				A	T	Z	Z	Z	Z	X
43	U					A	U	X	Z	Z	Z	X
44	U	Y				A	V	S	Z	Z	Z	X
45	V	T				A	W	F	S	Z	Z	X
46	W	F	T			A	X	K	Z	Z	Z	X
47	X	L				A	X	L	S	Z	Z	X
48	X	L	T			A	Z	Z	Z	Z	Z	X

APPENDIX-B

Symbol Distribution Text Description for Lines 1, 2, 17, 18, 38, and 39

Line 1: All symbols 'A' through 'AAPKZ' (Calls and Puts); and Symbol 'AAPL' (Calls only)

- Example: symbol 'AAD' Calls and Puts; symbol 'AAPL' July Calls

Line 2: Symbol 'AAPL' (Puts only), and all symbols 'AAPLA' through 'ADHZZ' (Calls and Puts)

- Example: symbol 'AAPL' August Puts; symbol 'ADB' Calls and Puts

Line 17: All symbols 'FU' through 'GLCZZ' (Calls and Puts), and Symbol 'GLD' (Calls only)

- Example: symbol 'FVT' Calls and Puts; symbol 'GLD' September Calls

Line 18: Symbol 'GLD' (Puts only), and all symbols 'GLDA' through 'GOOZZ' (Calls and Puts)

- Example: symbol 'GLD' October Puts; symbol 'GMN' Calls and Puts

Line 38: All symbols 'SPE' through 'SPXZZ' (Calls and Puts); and Symbol 'SPY' (Calls only)

- Example: symbol 'SPK' Calls and Puts; symbol 'SPY' November Calls

Line 39: Symbol 'SPY' (Puts only), and all symbols 'SPYA' through 'SRRZZ' (Calls and Puts)

- Example: symbol 'SPY' December Puts; symbol 'SQU' Calls and Puts