



April 12, 2011

To: OPRA Multicast Data Recipients

Subject: **Multicast Line Symbol Distribution Modification: Security Symbol & Expiration Month -- Update**

Summary

In order to maintain efficient use of multicast line capacity, OPRA symbol distribution is modified periodically. OPRA will employ a new symbol distribution, **by Security Symbol and Expiration Month, effective Start of Day Monday, June 6, 2011.**

Modification

The current symbol distribution is based upon the first 5 characters of the Security Symbol. The new symbol distribution will include the 6th character, the Expiration Month Put/Call Indicator. This will allow Puts and Calls for the same Security Symbol to be routed on separate lines (see symbol distribution in the Appendix).

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,

A handwritten signature in black ink that reads 'Michael Collazo'. The signature is written in a cursive, flowing style.

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

APPENDIX

Multicast Line
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Revised 48 Line Symbol Distribution Effective May 2, 2011	
A	ADMZZ
ADN	ALLZZ
ALM	APAZZ
APB	AZZZZ
B	BGZZZ
BH	BRCZZ
BRD	CCKZZ
CCL	CMAZZ
CMB	CORZZ
COS	CVSZZ
CVT	DHZZZ
DI	DOAZZ
DOB	EEMZZ
EEN	ESMZZ
ESN	FASZZ
FAT	FSZZZ
FT	GIKZZ
GIL	GPZZZ
GQ	HNZZZ
HO	ICZZZ
ID	IVZZZ
IW	IYSZZ
IYT	JZZZZ
K	LLZZZ
LM	MCDZZ
MCE	MMMZZ
MMN	MSZZZ
MT	NDXZZ
NDY	NVKZZ
NVL	PABZZ
PAC	PIZZZ
PJ	PXBZZ
PXC	QQQZZ
QQR	RRBZZ
RRC	SBUZZ
SBV	SKMZZ
SKN	SPXZZ
SPY	SPYZZ
SPZ	SWJZZ
SWK	TISZZ
TIT	TVZZZ
TW	UPKZZ
UPL	UYLZZ
UYM	VYZZZ
VZ	WLSZZ
WLT	XHZZZ
XI	XLZZZ
XM	ZZZZZ

Revised 48 Line Symbol Distribution Effective June 6, 2011											
A					A	A	A	P			L
A	A	P			M	A	D	H	Z	Z	X
A	D	I			A	A	K	L	Z	Z	X
A	K	M			A	A	M	Z	Z	Z	X
A	N				A	A	X	M	Z	Z	X
A	X	N			A	B	G	Z	Z	Z	X
B	H				A	B	T	Z	Z	Z	X
B	U				A	C	E	Z	Z	Z	X
C	F				A	C	M	Z	Z	Z	X
C	N				A	C	S	C	Z	Z	X
C	S	D			A	D	E	Z	Z	Z	X
D	F				A	D	J	Z	Z	Z	X
D	K				A	E	E	M	Z	Z	X
E	E	N			A	E	U	Q	Z	Z	X
E	U	R			A	F	A	Z	Z	Z	X
F	B				A	F	T	Z	Z	Z	X
F	U				A	G	L	D			L
G	L	D			M	G	O	O	Z	Z	X
G	O	P			A	H	N	Z	Z	Z	X
H	O				A	I	D	Z	Z	Z	X
I	E				A	I	W	L	Z	Z	X
I	W	M			A	I	W	M	Z	Z	X
I	W	N			A	J	N	M	Z	Z	X
J	N	N			A	K	L	Z	Z	Z	X
K	M				A	L	T	Z	Z	Z	X
L	U				A	M	D	Y	Z	Z	X
M	D	Z			A	M	N	X	Z	Z	X
M	N	Y			A	M	V	Z	Z	Z	X
M	W				A	N	E	Z	Z	Z	X
N	F				A	N	X	Z	Z	Z	X
N	Y				A	P	A	Z	Z	Z	X
P	B				A	P	L	Z	Z	Z	X
P	M				A	Q	K	Z	Z	Z	X
Q	L				A	R	C	Z	Z	Z	X
R	D				A	R	U	S	Z	Z	X
R	U	T			A	S	H	Z	Z	Z	X
S	I				A	S	P	D	Z	Z	X
S	P	E			A	S	P	Y			L
S	P	Y			M	S	R	R	Z	Z	X
S	R	S			A	T	A	Z	Z	Z	X
T	B				A	T	M	Z	Z	Z	X
T	N				A	T	Z	Z	Z	Z	X
U					A	U	X	Z	Z	Z	X
U	Y				A	V	S	Z	Z	Z	X
V	T				A	W	F	S	Z	Z	X
W	F	T			A	X	K	Z	Z	Z	X
X	L				A	X	L	S	Z	Z	X
X	L	T			A	Z	Z	Z	Z	Z	X