SIAC *Securities Industry Automation Corporation*
11 Wall Street, New York, NY 10005

March 25, 2022

To: OPRA Multicast Subscribers

Subject: New 48-Line OPRA Symbol Distribution – **Effective May 9, 2022**

What's New:

For optimal symbol balancing and line capacity utilization, the symbol distribution for the Options Price Reporting Authority (OPRA) will be modified.

Changes Being Made:

The security symbol range over the OPRA 48 lines will be redistributed.   Reference the OPRA Traffic Distribution tables below for current (page 2) and new (page 3) symbol routing. The tables can also be found in Appendix 'B' of the OPRA Pillar Output Specification .

When it is Changing:

OPRA will employ a new symbol distribution at the start of day <mark>**Monday, May 9, 2022**</mark>.

Testing Dates:

- **Replay Testing:**
  - Begins: Monday, April 4, 2022
  - Ends: Friday, May 6, 2022
  - Weeknights from 7:30-7:45pm ET over multicast Playback Test channels (not Production channels)
- **Production Industry Functional Testing:**
  - Saturday, April 30, 2022
- **Production Confidence Test:**
  - Saturday, May 7, 2022
- **Activation Date:**
  - **Monday, May 9, 2022**

Data Subscribers who receive OPRA from connectivity service providers other than ICE Global Network (IGN) or the NMS Network must contact their connectivity service providers to coordinate testing.

Technical Inquiries

- NMS Product Management Support Email: CTA-OPRA-Support@siac.com
- NMS Product Management Support Line: 212-656-8177, Option 2
- NMS Product Management Phone Support Hours: 9:00 AM - 5:00 PM ET

Line	Beginning Range: Security Symbol	Expiration Months					Ending Range: Security Symbol	Expiration Months			
		Odd Calls (Jan-Mar-May-Jul-Sep-Nov)	Even Calls (Feb-Apr-Jun-Aug-Oct-Dec)	Odd Puts (Jan-Mar-May-Jul-Sep-Nov)	Even Puts (Feb-Apr-Jun-Aug-Oct-Dec)			Odd Calls (Jan-Mar-May-Jul-Sep-Nov)	Even Calls (Feb-Apr-Jun-Aug-Oct-Dec)	Odd Puts (Jan-Mar-May-Jul-Sep-Nov)	Even Puts (Feb-Apr-Jun-Aug-Oct-Dec)
1	A	X	X	X	X		ABQZZ	X	X	X	X
2	ABR	X	X	X	X		ALBZZ	X	X	X	X
3	ALC	X	X	X	X		AMZMZ	X	X	X	X
4	AMZN	X					AMZN	X			
5	AMZN		X				AMZN		X		
6	AMZN			X			AMZN			X	
7	AMZN				X		AMZN				X
8	AMZNA	X	X	X	X		AZZZZ	X	X	X	X
9	B	X	X	X	X		BJZZZ	X	X	X	X
10	BK	X	X	X	X		BKNG	X	X		
11	BKNG			X	X		CF	X	X	X	X
12	CFA	X	X	X	X		CMHZZ	X	X	X	X
13	CMI	X	X	X	X		CSCNZ	X	X	X	X
14	CSCO	X	X	X	X		DDZZZ	X	X	X	X
15	DE	X	X	X	X		DRMZZ	X	X	X	X
16	DRN	X	X	X	X		ESTBZ	X	X	X	X
17	ESTC	X	X	X	X		FBBZZ	X	X	X	X
18	FBC	X	X	X	X		GDXIZ	X	X	X	X
19	GDXJ	X	X	X	X		GOOG	X	X		
20	GOOG			X	X		GTLRZ	X	X	X	X
21	GTLS	X	X	X	X		IBAZZ	X	X	X	X
22	IBB	X	X	X	X		ITVZZ	X	X	X	X
23	ITW	X	X	X	X		JBKZZ	X	X	X	X
24	JBL	X	X	X	X		KO	X	X	X	
25	KO				X		LUUZZ	X	X	X	X
26	LUV	X	X	X	X		MGOZZ	X	X	X	X
27	MGP	X	X	X	X		MSLZZ	X	X	X	X
28	MSM	X	X	X	X		NFLX	X	X		
29	NFLX			X	X		NUGT	X	X		
30	NUGT			X	X		ORHZZ	X	X	X	X
31	ORI	X	X	X	X		PPBZZ	X	X	X	X
32	PPC	X	X	X	X		QQQ	X	X		
33	QQQ			X	X		ROKU	X	X		
34	ROKU			X	X		SE	X	X	X	X
35	SEA	X	X	X	X		SOXKZ	X	X	X	X
36	SOXL	X	X	X	X		SPXZZ	X	X	X	X
37	SPY	X					SPY	X			
38	SPY		X				SPY		X		
39	SPY			X			SPY			X	
40	SPY				X		SPY				X
41	SPYA	X	X	X	X		TELLZ	X	X	X	X
42	TELM	X	X	X	X		TSL	X	X	X	X
43	TSLA	X	X				TSLA	X	X		
44	TSLA			X	X		TSLA			X	X
45	TSLAA	X	X	X	X		USOZZ	X	X	X	X
46	USP	X	X	X	X		WDCZZ	X	X	X	X
47	WDD	X	X	X	X		XLPZZ	X	X	X	X
48	XLQ	X	X	X	X		ZZZZZ	X	X	X	X

OPRA Regular Symbol Distribution - In-Effect until May 6, 2022

APPENDIX B: OPRA TRAFFIC DISTRIBUION (New)

Line	Beginning Range: Security Symbol	Odd Calls (Jan-Mar-May-Jul-Sep-Nov)	Even Calls (Feb-Apr-Jun-Aug-Oct-Dec)	Odd Puts (Jan-Mar-May-Jul-Sep-Nov)	Even Puts (Feb-Apr-Jun-Aug-Oct-Dec)		Ending Range: Security Symbol	Odd Calls (Jan-Mar-May-Jul-Sep-Nov)	Even Calls (Feb-Apr-Jun-Aug-Oct-Dec)	Odd Puts (Jan-Mar-May-Jul-Sep-Nov)	Even Puts (Feb-Apr-Jun-Aug-Oct-Dec)
1	A	X	X	X	X		ABNB	X	X		
2	ABNB			X	X		AMCZZ	X	X	X	X
3	AMD	X	X	X	X		AMZMZ	X	X	X	X
4	AMZN	X					AMZN	X			
5	AMZN		X				AMZN		X		
6	AMZN			X			AMZN			X	
7	AMZN				X		AMZN				X
8	AMZNA	X	X	X	X		B	X	X	X	X
9	BA	X	X	X	X		BKNG	X	X		
10	BKNG			X	X		BKQZZ	X	X	X	X
11	BKR	X	X	X	X		CMG	X	X		
12	CMG			X	X		DASGZ	X	X	X	X
13	DASH	X	X	X	X		DOCTZ	X	X	X	X
14	DOCU	X	X	X	X		FAZZZ	X	X	X	X
15	FB	X	X	X	X		FDWZZ	X	X	X	X
16	FDX	X	X	X	X		GOOFZ	X	X	X	X
17	GOOG	X	X				GOOG	X	X		
18	GOOG			X	X		GOOGK	X	X	X	X
19	GOOGL	X	X				GOOGL	X	X		
20	GOOGL			X	X		GOOGL			X	X
21	GOOGM	X	X	X	X		IVVZZ	X	X	X	X
22	IVW	X	X	X	X		IWM	X	X		
23	IWM			X	X		IWMZZ	X	X	X	X
24	IWN	X	X	X	X		LULTZ	X	X	X	X
25	LULU	X	X	X	X		MKSHZ	X	X	X	X
26	MKSI	X	X	X	X		NDWZZ	X	X	X	X
27	NDX	X	X	X	X		NFLWZ	X	X	X	X
28	NFLX	X	X	X	X		NVD	X	X	X	X
29	NVDA	X	X				NVDA	X	X		
30	NVDA			X	X		NVEDZ	X	X	X	X
31	NVEE	X	X	X	X		QQPZZ	X	X	X	X
32	QQQ	X					QQQ	X			
33	QQQ		X				QQQ		X		
34	QQQ			X			QQQ			X	
35	QQQ				X		QQQ				X
36	QQQA	X	X	X	X		SDZZZ	X	X	X	X
37	SE	X	X	X	X		SMHHZ	X	X	X	X
38	SMHI	X	X	X	X		SPXZZ	X	X	X	X
39	SPY	X					SPY	X			
40	SPY		X				SPY		X		
41	SPY			X			SPY			X	
42	SPY				X		SPY				X
43	SPYA	X	X	X	X		TSL	X	X	X	X
44	TSLA	X	X				TSLA	X	X		
45	TSLA			X	X		TSLA			X	X
46	TSLAA	X	X	X	X		UZZZZ	X	X	X	X
47	V	X	X	X	X		XLEZZ	X	X	X	X
48	XLF	X	X	X	X		ZZZZZ	X	X	X	X