



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

April 26, 2022

To: OPRA Multicast Subscribers

Subject: New 48-Line OPRA Symbol Distribution: **Industry Test - Saturday, April 30, 2022**

What's New:

As previously announced, 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 3) and new (page 4) 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 **Monday, May 9, 2022.**

A capacity test for the new symbol distribution will take place after the functional test.

Registration is required.

Industry Test:

Time: 9:30 AM - 10:30 AM, ET

Exchanges will generate data to OPRA. Data will be disseminated over production multicast lines 1-48 using the new symbol routing distribution.

Capacity Test:

Time: 11:00 AM - 12:00 PM, ET

Simulated test data will be disseminated over production multicast lines 1-48 using the new symbol routing distribution.

Test Registration:

Each OPRA Data Subscriber participating in the tests (functional and/or capacity tests) should register at CTA-OPRA-Support@siac.com.

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

APPENDIX B: OPRA TRAFFIC DISTRIBUTION (Current)

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

APPENDIX B: OPRA TRAFFIC DISTRIBUTION (New)

OPRA Regular Symbol Distribution - Effective May 9, 2022											
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		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