



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

October 30, 2025

To: OPRA Multicast Subscribers

Subject: Testing Opportunities: **New OPRA Symbol Distribution – Functional and Capacity Testing Reminder: Saturday, November 8, 2025**

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 will be redistributed. Reference the OPRA Traffic Distribution table below (page 2) for new symbol routing. The tables are available as [CSV](#) and [Excel](#) files.

When it is Changing:

OPRA will employ a new symbol distribution at the start of day **Monday, November 24, 2025.**

Testing Dates:

- **Replay Testing:**
 - Begins: Monday, October 27, 2025
 - Ends: Friday, November 21, 2025
 - **Weeknights between 7:00-8:00pm ET** (15-minute period; variable time dependent on the completion of afterhours) over multicast Playback Test channels (not Production channels)
- **Production Industry Functional and Capacity Testing:**
 - Saturday, November 8, 2025 - 9:00am-10:30am and 11:15am-1:45pm (test plan on page 3)
- **Production Confidence Test:**
 - Saturday, November 22, 2025
- **Activation Date:**
 - **Monday, November 24, 2025**

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: 8:00 AM - 5:00 PM ET

APPENDIX B: OPRA TRAFFIC DISTRIBUTION (New)

OPRA 96-Line Symbol Distribution Schema - Effective November 24, 2025																	
Line	Beginning Range: Security Symbol	Expiration Months				Expiration Days		Ending Range: Security Symbol	Expiration Months				Expiration Days				
		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)	(01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31)	Even Day (02 04 06 08 10 12 14 16 18 20 22 24 26 28 30)		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)	(01 03 05 07 09 11 13 15 17 19 21 23 25 27 29 31)	Even Day (02 04 06 08 10 12 14 16 18 20 22 24 26 28 30)			
1	A	X		X	X		X	AI	X					X			
2	A	X		X	X			AI	X						X		
3	AI		X	X	X		X	AMD	X		X			X			
4	AI		X	X	X		X	AMD	X	X					X		
5	AMD			X	X		X	AMZN	X	X				X			
6	AMD			X	X		X	AMZN	X	X					X		
7	AMZN			X	X		X	ASAN	X	X				X			
8	AMZN			X	X			ASAN	X	X					X		
9	ASAN			X	X		X	AVGO	X	X				X			
10	ASAN			X	X			AVGO	X	X					X		
11	AVGO			X	X		X	BKNG	X	X				X			
12	AVGO			X	X			BKNG	X	X					X		
13	BKNG			X	X		X	CLSD	X	X	X	X	X	X			
14	BKNG			X	X			CLSD	X	X	X	X	X		X		
15	CLSDA	X	X	X	X		X	CRDNZ	X	X	X	X	X	X			
16	CLSDA	X	X	X	X			CRDNZ	X	X	X	X			X		
17	CRDO	X	X	X	X		X	DIA	X	X				X			
18	CRDO	X	X	X	X			DIA	X	X					X		
19	DIA			X	X		X	FLMX	X	X	X	X	X	X			
20	DIA			X	X			FLMX	X	X	X	X			X		
21	FLMXA	X	X	X	X		X	GLD	X	X				X			
22	FLMXA	X	X	X	X			GLD	X	X					X		
23	GLD			X	X		X	GOOG	X	X				X			
24	GLD			X	X			GOOG	X	X					X		
25	GOOG			X	X		X	HARD	X	X	X	X	X	X			
26	GOOG			X	X			HARD	X	X	X	X			X		
27	HARDA	X	X	X	X		X	IBEX	X	X	X	X	X	X			
28	HARDA	X	X	X	X			IBEX	X	X	X	X			X		
29	IBEXA	X	X	X	X		X	IVV	X	X				X			
30	IBEXA	X	X	X	X			IVV	X	X					X		
31	IVV			X	X		X	IWM	X	X				X			
32	IVV			X	X			IWM	X	X					X		
33	IWM			X	X		X	JPIN	X	X	X	X	X	X			
34	IWM			X	X			JPIN	X	X	X	X			X		
35	JPINA	X	X	X	X		X	MARA	X	X	X	X	X	X			
36	JPINA	X	X	X	X			MARA	X	X	X	X			X		
37	MARAA	X	X	X	X		X	META	X	X				X			
38	MARAA	X	X	X	X			META	X	X					X		
39	META			X	X		X	MSFT	X	X				X			
40	META			X	X			MSFT	X	X					X		
41	MSFT			X	X		X	MSTR	X	X				X			
42	MSFT			X	X			MSTR	X	X					X		
43	MSTR			X	X		X	NDX	X	X				X			
44	MSTR			X	X			NDX	X	X					X		
45	NDX			X	X		X	NFLX	X	X				X			
46	NDX			X	X			NFLX	X	X					X		
47	NFLX			X	X		X	NVD	X	X	X	X	X	X			
48	NFLX			X	X			NVD	X	X	X	X			X		
49	NVDA	X	X				X	NVDA	X	X				X			
50	NVDA	X	X					NVDA	X	X					X		
51	NVDA			X	X		X	NVDA			X	X	X	X			
52	NVDA			X	X			NVDA			X	X			X		
53	NVDAA	X	X	X	X		X	PFE	X	X				X			
54	NVDAA	X	X	X	X			PFE	X	X					X		
55	PFE			X	X		X	QQPZZ	X	X	X	X	X	X			
56	PFE			X	X			QQPZZ	X	X	X	X			X		
57	QQQ	X					X	QQQ	X					X			
58	QQQ	X						QQQ	X						X		
59	QQQ		X				X	QQQ		X				X			
60	QQQ		X					QQQ		X					X		
61	QQQ			X			X	QQQ			X			X			
62	QQQ			X				QQQ			X				X		
63	QQQ				X		X	QQQ				X		X			
64	QQQ				X			QQQ				X			X		
65	QQQA	X	X	X	X		X	RUTW	X	X				X			
66	QQQA	X	X	X	X			RUTW	X	X					X		
67	RUTW			X	X		X	SMH	X	X				X			
68	RUTW			X	X			SMH	X	X					X		
69	SMH			X	X		X	SPXZZ	X	X	X	X	X	X			
70	SMH			X	X			SPXZZ	X	X	X	X			X		
71	SPY	X					X	SPY	X					X			
72	SPY	X						SPY	X						X		
73	SPY		X				X	SPY		X				X			
74	SPY		X					SPY		X					X		
75	SPY			X			X	SPY			X			X			
76	SPY			X				SPY			X				X		
77	SPY				X		X	SPY				X		X			
78	SPY				X			SPY				X			X		
79	SPYA	X	X	X	X		X	TSL	X	X	X	X	X	X			
80	SPYA	X	X	X	X			TSL	X	X	X	X			X		
81	TSLA	X					X	TSLA	X					X			
82	TSLA	X						TSLA	X						X		
83	TSLA		X				X	TSLA		X				X			
84	TSLA		X					TSLA		X					X		
85	TSLA			X			X	TSLA			X			X			
86	TSLA			X				TSLA			X				X		
87	TSLA				X		X	TSLA				X		X			
88	TSLA				X			TSLA				X			X		
89	TSLAA	X	X	X	X		X	TXN	X	X	X	X	X	X			
90	TSLAA	X	X	X	X			TXN	X	X	X	X			X		
91	TXNA	X	X	X	X		X	USMV	X	X	X	X	X	X			
92	TXNA	X	X	X	X			USMV	X	X	X	X			X		
93	USMVA	X	X	X	X		X	W	X	X				X			
94	USMVA	X	X	X	X			W	X	X					X		
95	W			X	X		X	ZZZZZ	X	X	X	X	X	X			
96	W			X	X			ZZZZZ	X	X	X	X	X		X		

OPRA Symbol Redistribution Industry Functional and Capacity Test
Test Date & Time: Nov 8, 2025, 9:00 AM to 1:45 PM ET (Approximate)

Hourly Test Script					
#	Time	Test Category	Action By	Test Description	Expected Results
Both Primary and Disaster Recovery Data Center with new Traffic Distribution (No failover to DR)					
1	1:30:00 AM	SOD	OPRA	OPRA Production and DR sites for both Realtime and Retransmission line, using the new Symbol Distribution . (refer to OPRA Symbol Distribution Table under www.opraplan.com/document-library for information regarding the Traffic Distribution)	
				OPRA to trigger Start-of-Day message on the Production Output Multicast lines	Start-of-Day messages published over the Production Output Multicast lines followed by the multicast Line Integrity messages every 10 seconds until the participants begin to generate data
2	1:30:00 -9:30:00 AM	Participant Connectivity/Input	Participants	Participants to establish connectivity for OPRA Input lines Participants to start submitting Quote and Trade data	Participants establish connections Quotes and trades accepted and disseminated across the 96-lines
3	9:30:00 AM	Market Open	OPRA	Market Open	
4	9:30:00 - 10:30:00 AM	Data Verification	Participants	Participants to continue submitting Quote and Trade data	Data Subscribers to verify Data over the Output Multicast addresses as per the updated symbol distribution from the primary data center only
5	10:30:00 AM			End of Session (Note - An End-of-Day message will not be triggered by OPRA, but system will be rebooted for next test)	
SYSTEM RESTART - OPRA to run End of Day, reboot and run Start of Day to bring up system in a clean state					
Capacity Test for new Traffic Distribution over the Output Multicast Network					
6	11:15:00 AM	SOD	OPRA	OPRA on the Production Output Multicast addresses for Realtime and Retransmission lines on the new symbol Distribution	
				OPRA to trigger Start-of-Day message on the Production Output Multicast lines	
7	11:30:00 AM - 12:30:00 PM	Capacity Test	OPRA	OPRA to simulate data for Capacity Test - 20M msg/sec to 11M msg/sec, each rate maintained for 1 second (total 10 seconds) - Pattern repeated for 60 minutes	
8	12:45:00 PM- 1:45:00 PM	Capacity Test	OPRA	OPRA to simulate data for Capacity Test - Initial Rate = 1M msg/100ms. Rate will be maintained for 4 minutes - Rate will increase by 1M msg/100ms every 4 minutes, with highest rate at 15M msg/100ms - Total duration = ~ 60 Minutes	
9	1:45:00 PM			End of Test	