

NYSE PILLAR TRADE OPS PORTAL USER GUIDE

To request access to the client management tool:

- 1. Set up an ICE Global ID here.
- 2. Have your firm submit the NYSE Pillar Trade Ops Portal Authorized Administrators form.
- 3. Submit the <u>NYSE Pillar Trade Ops Portal User Request and Authorization form</u> to crs@nyse.com.

Home Page

NYSE			OGOUT
	MARKET DATA	FIRM INFORMATION	
NYSE Am	erican NYSE Arca	Equities NYSE	

CUSTOMER DESK MANAGER

ТОР АИСТ	TON DATA								
SYMBOL	PRIMARY EXCHANGE	AUCTION TYPE	MARKET IMBALANCE	MARKET IMBALANCE SIDE	TOTAL IMBALANCE	TOTAL IMBALANCE SIDE	MATCHED VOLUME	INDICATIVE MATCHED PRICE	NET CHANGE
CEI	XASE	core	0	none	100991	buy	114560	0.13	0.00
TRXC	XASE	core	0	none	127623	sell	86467	1.36	-0.01
EMAN	XASE	core	0	none	15237	sell	82600	1.85	+0.05
NGD	XASE	core	0	none	45004	sell	69685	2.67	+0.03
ВРМХ	XASE	core	0	none	992	buy	57338	0.17	0.00
DNN	XASE	core	0	none	8318	buy	50759	0.46	-0.03
AMPE	XASE	core	0	none	9914	sell	45790	3.30	-0.08
ххн	XASE	core	0	none	60771	sell	33183	2.60	-0.03
PLG	XASE	core	0	none	1853	buy	32344	0.34	-0.02
BTG	XASE	core	0	none	635	buy	31711	2.89	-0.09
Last updated @	Feb 14, 2018 12:57:38 PM setions								

See All Auctions

CORE SESSION DATA										
	ТАРЕА		ТАРЕВ	TAPEC		TOTAL				
Shares	3,422,425		10,411,806	2,231,841	16,066,072					
Trades	31,903		43,810		20,528	96,241				
Halted Symbols	PEI SZC RTWI		JJCB JJTB		FAMI GENE		PCRX			
	ZNWAA									
Last updated @ Feb 14, 2018 12:5	Last spulsted (0 Feb 14, 2018 12.57.28 FM) I fuld halt po/new issue much halt preg halt gequip change order imb others									

- Displays the selected market's Top Ten Auction by Matched Volume
 - Displays Core Session Data
 - Trades broken down by Tape
 - Shares traded broken down by Tape
 - Halted Symbols broken down by Tape
 - Color coded by Halt Type



Navigation Pane

The navigation pane is located on the black banner along the left hand side of the page and will popout if clicked on any spot of the banner.

Market Data Tab

NYSE		LOGOU	r
HOME MARKET DATA FIRM INFORMATION			
NYSE American NYSE Arca Equities NYSE			
AUCTIONS	ৎ	۰ ۽	

Last updated @ I	Feb 14, 2018 1:13:54 PM								AUTO REFRESH:
SYMBOL	PRIMARY EXCHANGE	AUCTION TYPE	MARKET IMBALANCE SIDE	MARKET IMBALANCE	TOTAL IMBALANCE SIDE	TOTAL IMBALANCE	MATCHED VOLUME	INDICATIVE MATCHED PRICE	NET CHANGE FROM LAST SALE
AAMC	XASE	core	none	0	buy	1	49	65.8	-1.40
AAU	XASE	core	none	0	buy	49647	8619	0.94	0.01
ABE	XASE	core	none	0	buy	75	125	14.82	-0.09
ACU	XASE	core	none	0	sell	200	0	23.77	0.32
ACY	XASE	core	none	0	buy	220	80	14.05	-0.20
AE	XASE	core	none	0	buy	24	133	43.27	-0.98
AINC	XASE	core	none	0	buy	200	0	90	-5.00
AIRI	XASE	core	none	0	sell	41	413	1.39	0.00
AKG	XASE	core	none	0	buy	1976	1428	0.9401	-0.01
ALN	XASE	core	none	0	sell	1615	1461	0.2	0.00
ALO	XASE	core	none	0	buy	607	551	2.97	0.01
AMPE	XASE	core	none	0	sell	9914	45790	3.3	-0.08
AMS	XASE	core	none	0	buy	1300	0	2.5	-0.05
АРНВ	XASE	core	none	0	sell	654	16715	1.23	0.03

(♦) 100 ∨ items per page

Showing items 1-100

- Query Auction Data based on the following criteria:
 - o Symbol
 - o Primary Exchange
 - Auction Type
 - Early Morning
 - Core
 - Closing
 - Reopening
 - IPO
 - o Market Imbalance Side
 - Buy
 - Sell
 - None
 - Cross
 - o Market Imbalance
 - o Total Imbalance Side
 - Buy
 - Sell
 - None



- Cross
- o Total Imbalance
- o Matched Volume
- o Indicative Matched Price
- Net Change From Last Sale 0
- Exportable to Excel ځ •
- Display Grid is customizable using the "GEAR" icon 🤨 •
- •
- Help button ? defines each column on the current page with a pop-out glossary •



Firm Information Tab

My Ses	ly Sessions											
NYSE										LOGOUT		
HOME MAR	RET DATA FIRM INFORMA	TION										
NYSE American	NYSE Arca Equities NYSE											
MY SES	SSIONS									९ 🕐 🌣 🛓		
Last updated @ Wed, 1	4 Feb 2018 19:14:48 GMT								А	UTO REFRESH:		
USERNAME	COMPANY NAME	SENDER TYPE	USER TYPE	USER ID	PRI CG	SEC CG	SESSION STATUS	PORT	SOURCE IP	SOURCE PI		
AMRTBOXBIN01	TBOX Test Firm	cust_equity_mm	bin	42125	CG-108	CG-101	active	42125	10.147.19.17	48169		
AMRTBOXBIN02	TBOX Test Firm	cust_equity_mm	bin	42126	CG-52	CG-45	active	42126	10.147.19.17	39051		
AMRTBOXFIX01	TBOX Test Firm	cust_equity_mm	fix	46647	CG-195	CG-193	active	46647	0.0.0.0	0		
AMRTBOXFIX02	TBOX Test Firm	cust_equity_mm	fix	46648	CG-191	CG-189	active	46648	0.0.0.0	o		

⟨ ⟩ 100 ∨ items per page

Showing items 1-4

- Full list and details of sessions at the Firm level
- Query Session Details based on the following criteria:
 - Sender Type
 - Algo
 - Broker
 - Customer Equity MM
 - Direct to Broker
 - DMM
 - Options MM
 - Service Bureau
 - o User Type
 - Binary
 - Binary Drop Copy
 - FIX
 - FIX Drop Copy
 - o SenderComp
 - Session Status
 - All
 - Active- session is connected and live



- Prospect- session is connected but not live
- Inactive- session is not connected
- Source IP
- CG (Customer Gateway)
- Connection Status
 - All
 - Connected
 - Primary
 - Secondary
 - Disconnected
 - None
- Exportable to Excel
- Display Grid is customizable using the "GEAR" icon
- Help button ⑦ defines each column on the current page with a pop-out glossary



My Firm MPIDs

	3				LOGOUT
HOME MARKET DATA	FIRM INFORM	ATION			
NYSE American NYSE Arc	a Equities NYSI	E			
MY FIRM MP	IDS				९ 💿 🌣 🛓
Last updated @ Wed, 14 Feb 2018 19:16:15	i GMT				AUTO REFRESH:
NAME	MPID	SENDER MPID	STATUS	MM SENDER MPID	
TBOX Test Firm	2X2X	AMRTBOXBIN01/2X2X	active		
TBOX Test Firm	2X2X	AMRTBOXFIX02/2X2X	active		
TBOX Test Firm	2X2X	AMRTBOXFIX01/2X2X	active		
TBOX Test Firm	2X2X	AMRTBOXBIN02/2X2X	active		

⟨) 100 ∨ items per page

Showing items 1-4

- Full list and details of sessions at the MPID level
 - o Query Session Details based on the following criteria:
 - MPID free form text
 - SENDER MPID free form text (combo of SenderComp and MPID)
 - SenderComp "My Session ID" free form text
 - Status
 - All
 - Active
 - Prospect
 - Inactive
 - Exportable to Excel
 - o Display Grid is customizable by selecting/unselecting columns



My Trades

NYSE

LOGOUT

NYSE American NYSE Arca Equities NYSE

MY TRADES

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DEAL ID	DATE	SYMBOL	SIDE	INDICATOR	QUANTITY	PRICE	CRD	ETPID/MPID	DOMAIN	CLIENT ORDER ID	LIQ
15199687397172634	2018-02-14 14:14:09.142	ATEST G	SELL	SOLD	50	33.48	88888888	2X2X		1505	A
15199687397172634	2018-02-14 14:14:09.142	ATEST G	BUY	вот	50	33.48	888888888	2X2X		1456	R
15199687397171464	2018-02-14 14:08:16.197	ATEST G	SELL	SOLD	50	33.49	888888888	2X2X		1435	Α
15199687397171529	2018-02-14 14:08:16.197	ATEST G	SELL	SOLD	10	33.49	888888888	2X2X		1488	Α
15199687397171399	2018-02-14 14:06:59.136	ATEST G	SELL	SOLD	50	33.49	888888888	2X2X		1434	Α
15199687397171399	2018-02-14 14:06:59.136	ATEST G	BUY	вот	50	33.49	888888888	2X2X		1484	R
15199687397171269	2018-02-14 14:06:19.135	ATEST G	SELL	SOLD	50	33.45	888888888	2X2X		1483	Α
15199687397171269	2018-02-14 14:06:19.135	ATEST G	BUY	BOT	50	33.45	888888888	2X2X		1431	R
15199687397170619	2018-02-14 14:04:29.134	ATEST G	SELL	SOLD	50	33.56	888888888	2X2X		1426	R
15199687397170619	2018-02-14 14:04:29.134	ATEST G	BUY	BOT	50	33.56	888888888	2X2X		1425	Α
15199687397170294	2018-02-14 14:03:59.133	ATEST G	SELL	SOLD	50	33.58	888888888	2X2X		1476	R
15199687397170294	2018-02-14 14:03:59.133	ATEST G	BUY	вот	50	33.58	888888888	2X2X		1424	Α
15199687397170229	2018-02-14 14:03:39.133	ATEST G	SELL	SOLD	50	33.50	88888888	2X2X		1423	Α
	2018-02-14 14-03-30 133	ATEST G	RHV	ROT	50	33.50	888888888	2828		1475	•

♦ 500 ✓ items per page

Showing items 1-500 of 533

- Query trades based on the following criteria after hitting ${ extsf{Q}}$
 - Deal ID
 - o Date
 - \circ Time
 - o Symbol
 - \circ Side
 - o Quantity
 - o Price
 - o ETPID/MPID
 - \circ Domain
 - o Client Order ID
 - o Liquidity Indicator
 - o Sender Sub ID
 - o Session ID
- Exportable to Excel
- Display Grid is customizable using the "GEAR" icon
- Help button ⁽²⁾ defines each column and their contents on the current page with a pop-out glossary



My Volumes

NYSE		LOGOUT
HOME MARKET DATA FIRM INFORMATION		
NYSE American NYSE Arca Equities NYSE		
MY VOLUMES	Q	⊘ 🛓

FIRM	ETPID / MPID	ETPID / MPID								
TBOX Test Firm	All	All ×								
SEARCH RESET										
		TAPE A			TAPE B		TAPE C			
CADV		4,754,317,016			2,383,899,064		2,618,546,517			
NYSE American		71,250,162			191,753,180		43,742,374			
	MTD	ADV	CADV (%)	MTD	ADV	CADV (%)	MTD	ADV	CADV (%)	
Adding Liquidity -	0	0	0.000 %	211,060	23,451	0.001 %	0	0	0.000 %	
Taking Liquidity 🚽	0	0	0.000 %	172,430	19,159	0.001 %	0	0	0.000 %	
Opening -	0	0	0.000 %	22,900	2,544	0.000 %	0	0	0.000 %	
Other -	0	0	0.000 %	18,460	2,051	0.000 %	0	0	0.000 %	
Total	fotal 0 0			424,850	47,205		0	0		

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- View your firm's and industry volumes
 - o Adding
 - o Taking
 - Opening Auction
 - Closing Auction
- Exportable to Excel 👱
- Display Grid is customizable using the "GEAR" icon
- Help button 2 defines each column and their contents on the current page with a pop-out glossary