## SCF SECURITIES, INC. - Held NMS Stocks and Options Order Routing Public Report Generated on Fri Jan 10 2025 09:45:23 GMT-5 EST 4th Quarter, 2024

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Venue - Non- Non-Direct directed Order Flow Orders	rd Non-Direct Orders(%)		ers Market C	Ma Orders(%) Ord	arketable Limit ders	Marketable Limit Orders(%)	Non-Marketa Limit Orders	ible Non-Marke Limit Order		Other Orde	Net Payment Paid/Received rs(%) Market Orders	Net Payment Paid/Received fo Market for Orders(cents per (USD) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders[cents per hundred share	Net Payment	Net Payment Paid/Received fr Other Orders(ce ) per hundred sha	ents
Citadel Securities LLC(CDRG)	151	29.78	102	32.80			25.00		2.47	46	41.44						0		0
VIRTU Americas.	101	29.76	102	32.60			25.00	2	2.47	40	41.44	0	0	0	0	0	0	0	0
LLC(NITE)	137	27.02	76	24.44			0.00		2.47	59	53.15								
Jane Street Capital.	137	27.02	76	24.44		,	0.00	2	2.47	59	53.15	0	0	0	0	0	0	0	0
LLCUNST)	60	11.83	57	18.33			25.00	2	2.47	0	0.00	0	0	0	0	0	0	0	0
G1 Execution						-		-		-		-	-	-	-	-	-	-	-
Services, LLC(ETMM) New York Stock	59	11.64	58	18.65	:		25.00	0	0.00	٥	0.00	0	0	0	0	0	0	0	0
Exchange(NYSE)	47	9.27	0	0.00		1	25.00	46	56.79	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ) Two Sigma Securities,	28	5.52	0	0.00		2	0.00	28	34.57	0	0.00	0	0	0	0	0	0	0	0
LLC(SOHO)	14	2.76	8	2.57		3	0.00	0	0.00	6	5.41	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS) HRT FINANCIAL	4	0.79	4	1.29		2	0.00	0	0.00	0	0.00	0	0	-	-	-	0	0	0
LP(HRTF)	3	0.59	3	0.96		2	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial INC.(INTL)	3	0.59	3	0.96		2	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

Non-S&P 500 Stocks Summary

											Non-Marketable			
		Non-Directed			Market Orders as 5	6		Marketable Limit			Limit Orders as % of		Other Orders	as %
Total Non-Di	rected	Orders as % of			of Non-Directed	Total Marketable	2	Orders as % of Non-			Non-Directed		of Non-Directe	d
Orders		Orders		<b>Total Market Orders</b>	Orders	Limit Orders		Directed Orders	Total Non-Marketable Limit Orders		Orders	Total Other Orders	Orders	
	1,190	1	00.00	958	80.5	0	24	2.02		32	2.69	176		14.79

	Order Flow Orders		Non-Directed Orders(%)	Market Order	s Market O	Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketabl Limit Orders	e Non-Marketa Limit Orders		Other Orders	Other Orders(	Net Payment Paid/Received fc K) Market Orders(U	Net Payment Paid/Received for Market r Orders(cents per SD) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cents	Net Payment Paid/Received for ) Other Orders(USD)	Net Payment Paid/Received for Other Orders(cen per hundred share	ts
Citadel S LLC(CDR	ecurities	355		24.20	316	32.78			19.23		1.00		31	17.61					0			
		300		24.20	310	32.70		5	19.23	3	1.00		31	17.01	0	0	0	0	0		,	0
LLC(NIT	mericas, )	350		23.86	196	20.33		6	23.08	4	1.33	1	44	81.82	0	0	0	0	0	•	5	0
Jane Str	ret Capital,																					
LLC(INS'	0	201		13.70	196	20.33		5	19.23	0	0.00		0	0.00	0	0	0	0	0	0 1	5	0
G1 Exec																						
Services																						
LLC(ETN	M)	200		13.63	195	20.23		4	15.38	1	0.33		0	0.00	0	0	0	0	0	0 1	3	0
New Yo	k Stock																					
Exchang	e(NYSE)	131		8.93	0	0.00		0	0.00	131	43.52		0	0.00	0	0	0	0	0	0 1	5	0
	Execution																					
Services	, LLC(NSDQ)	65		4.43	0	0.00		0	0.00	65	21.59		0	0.00	0	0	0	0	0	0 1	3	0
Choe ED	GX US																					
Equities																						
	e(EDGX)	40		2.73	0	0.00		0	0.00	40	13.29			0.00	0	0	0	0	0	0 1	0	0
NYSE Ar	a(ARCA)	38		2.59	0	0.00		0	0.00	38	12.62		0	0.00	0	0	0	0	0	0 1	3	0
Two Sig Securiti	15,																					
LLC(SOF		25		1.70	24	2.49		1	3.85	0	0.00		0	0.00	0	0	0	0	0	0 1	3	0
Membe Exchang	s e(MEMX)	18		1.23	0	0.00		0	0.00	18	5.98		0	0.00	0	0	0	0	0	0		0

October 2024 Option Contracts Summary

									Non-Mar	ketable			
	Non-Directe	d		Market Orders as 9	6	Marketable I	imit		Limit Ore	ders as % of		Other Orders a	s %
Total Non-Directed	Orders as %	of All		of Non-Directed	Total Marketable	Orders as %	f Non-		Non-Dire	cted		of Non-Directe	d
Orders	Orders		<b>Total Market Orders</b>	Orders	Limit Orders	Directed Ord	ers	Total Non-Marketable Limit Orders	Orders	т	otal Other Orders	Orders	
9	9	100.00	71	71.7	2	0	0.00		28	28.28	0		0.00

Venue - Non- directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Order	s Market		Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketa Limit Orders		Other Orders(5	Net Payment Paid/Received for ) Market Orders(US	Net Payment Paid/Received for Market Orders(cents per D) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares	Net Payment Paid/Received for ) Other Orders(USD)	Net Payment Paid/Received fo Other Orders(cen per hundred shar	nts
Citadel Securities LLC(CDRG)		70	41.92	36	50.70			0.00	34	35.42		0.00								
Wolverine		70	41.92	36	50.70		•	0.00	34	35.42	u	0.00	0		0		· ·	,	,	0
Execution Services																				
LLC(WEXX)		38	22.75	0	0.00		0	0.00	38	39.58	0	0.00	0	0 1	0	D 1			5	0
Dash Financial																				
Technologies																-				
LLC(DASH) Susquehanna		26	15.57	8	11.27		0	0.00	18	18.75	U	0.00	0	0	0			3	3	0
Capital																				
Group(SUSQ)		24	14.37	22	30.99		0	0.00	2	2.08	0	0.00	0	0 1	0	D 1			5	0
Morgan Stanley &																				
Company LLC(MSCO)		9	5.39	5	7.04		0	0.00	4	4.17	0	0.00	0	0	0				0	0

## November 2024 S&P 500 Stocks

Summary													
									Non-Marketab	le			
	Non-Directed			Market Orders as %		N	Marketable Limit		Limit Orders a	s% of		Other Orders a	is %
<b>Total Non-Directed</b>	Orders as % o	fAll		of Non-Directed	Total Marketable	0	Orders as % of Non-		Non-Directed			of Non-Directe	d
Orders	Orders		Total Market Orders	Orders	Limit Orders	D	Directed Orders	Total Non-Marketable Limit Orders	Orders		Total Other Orders	Orders	
34	2	100.00	302	88.30		1	0.29		7	2.05	32		9.36

Venues			

Venue - Non- directed Order Flow Citadel Securities	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orde	Marketable Limi rs(%) Orders	t Marketable Limit Orders(%)	Non-Marketa Limit Orders	ole Non-Market: Limit Orders		Other Orders	Net Payment Paid/Received fo (%) Market Orders(U	Net Payment Paid/Received for Market r Orders(cents per SD) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cents	Net Payment Paid/Received for i) Other Orders(USD)	Net Payment Paid/Received fo Other Orders(cer per hundred shar	ints
LLC(CDRG)		133	32.92	117	38.61	0	0.00	0	0.00	16	50.00	0	0	0	0	0	0	0	0
VIRTU Americas.																			
LLC(NITE)		68	16.83	53	17.49	0	0.00	0	0.00	15	46.88	0	0	0	0	0	0	0	0
G1 Execution Services.																			
LLC(ETMM)		61	15.10	61	20.13	9	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital.																			
LLC(JNST)		57	14.11	56	18.48	0	0.00	1	1.47	0	0.00	0	0	0	0	0	0	0	0
New York Stock																			
Exchange(NYSE)		56	13.86	0	0.00	0	0.00	56	82.35	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US																			
Equities									13.24										
Exchange(EDGX) HRT FINANCIAL		9	2.23	0	0.00	0	0.00	9	13.24	u	0.00	0	0	0	0	0	0	0	0
LP(HRTF)		-	1.73		1.98		100.00		0.00		0.00								
StoneX Financial		<i>'</i>	1.75	0	1.96		100.00	U	0.00	0	0.00	0	0	0	0	0	0	0	0
INC.(INTL)		4	0.99	4	1.32	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																			
Securities.																			
LLC(SOHO)		4	0.99	3	0.99	0	0.00	0	0.00	1	3.13	0	0	0	0	0	0	0	0
UBS Securities,																			
LLC(UBSS)		2	0.50	2	0.66	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

### Non-S&P 500 Sto Summary

							Non-Marketable		
	Non-Directed		Market Orders as %		Marketable Limit		Limit Orders as % of		Other Orders as %
Total Non-Directed	Orders as % of All		of Non-Directed	Total Marketable	Orders as % of Non-		Non-Directed		of Non-Directed
Orders	Orders	<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
1,329	100.00	1,169	87.96	45	3.39	3	2.26	85	6.40

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Venues																				
Venue - Non- P directed Order Flow C Citadel Securities	Non-Directed Drders	Non-Directed Orders(%)	Market Orders	Market Orde	Marketable Lin rs(%) Orders	iit Marketable Limit Orders(%)	Non-Marks Limit Orde		Aarketable Orders(%)	Other Orders	Other Orders(		Net Payment Paid/Received for Market or Orders(cents per JSD) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cent	Net Payment		nts
LLC(CDRG)		464	33.31	440	37.57	12	26.09	1	1.10		11	12.94	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)		336	24.12	249	21.26	10	21.74		3.30		74	87.06								
G1 Execution		336	24.12	249	21.26	10	21./4	3	3.30		/4	87.06	0	0	0	0	0	0	3	0
Services,																				
LLC(ETMM)	1	242	17.37	230	19.64	12	26.09	0	0.00		0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)		198	14.21	189	16.14	9	19.57	0	0.00		0	0.00	0	0		0	0	0	0	0
New York Stock																				
Exchange(NYSE)		50	3.59	0	0.00	0	0.00	50	54.95		0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL LP(HRTF)		32	2.30	31	2.65		2.17	0	0.00		0	0.00			0			0		
Choe EDGX US			2.00	51	2.00	•	2.0	u u	0.00			0.00								
Equities																				
Exchange(EDGX) Two Sigma		16	1.15	0	0.00	0	0.00	16	17.58		0	0.00	0	0	0	0	0	0	3	0
Securities.																				
LLC(SOHO)		15	1.08	15	1.28	0	0.00	0	0.00		٥	0.00	0	0	0	0	0	0	0	0
NASDAO Execution																				
Services, LLC(NSDQ)		14	1.01	0	0.00	0	0.00	14	15.38		0	0.00	0	0	0	0	0	0	0	0
StoneX Financial																				
INC.(INTL)		10	0.72	9	0.77	1	2.17	0	0.00		0	0.00	0	0	0	0	0	0	0	0

Option Contracts Summary

Opeion contract	-													
Summary														
											Non-Marketable			
		Non-Directer	d		Market Orders as	%		Marketable Limit			Limit Orders as % of		Other Orders a	s %
Total Non-Direc	cted	Orders as %			of Non-Directed	Total Marketable		Orders as % of Non-			Non-Directed		of Non-Directe	d
Orders		Orders		<b>Total Market Orders</b>	Orders	Limit Orders		Directed Orders	Total Non-Marketable Limit Orders		Orders	Total Other Orders	Orders	
	119		100.00	74	62.	18	2	1.68		43	36.13	0		0.00

Venue - Non- directed Order Flow	Non-Directed v Orders	Non-Directed Orders(%)	Market Orders	Market Orders	Marketable Limit (%) Orders	Marketable Limit Orders(%)	Non-Market Limit Orders			Other Orders(%	Net Payment Paid/Received for Market Orders(US	Net Payment Paid/Received for Market Orders(cents per D) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cents	Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cent per hundred share	ts .
Citadel Securities LLC(CDRG)		77	38.50	38	53.52	1	100.00	38	29.69	0	0.00		0	D	0	0	0 0		0
Wolverine Execution Services LLC(WEXX) Dash Financial Technologies		52	26.00	0	0.00	0	0.00	52	40.63	0	0.00	0	0	D	0	0	0 0	2	0
LLC(DASH) Susquehanna		43	21.50	10	14.08	0	0.00	33	25.78	0	0.00	0	0	D	0	0	0 (	5	0
Capital Group(SUSQ) Morgan Stanley &		22	11.00	19	26.76	0	0.00	3	2.34	0	0.00	0	0	D	0	0	0 0	0	0
Company LLC(MSCO)		6	3.00	4	5.63	0	0.00	2	1.56	0	0.00	0	0	D	0	0	0 (		0

December 2024 S&P 500 Stocks Summary

Summary									
							Non-Marketab	le	
	Non-Directed		Market Orders as %		Marketable Limit		Limit Orders a	s % of	Other Orders as %
Total Non-Directed	Orders as % of All				Orders as % of Non-		Non-Directed		of Non-Directed
Orders	Orders	<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
343	100.00	283	82.51	7	2.04		11	3.21 4	2 12.2

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  | so) nundred shares)   | Orders(050)  | hundred shares)  | Limit Orbers(USD)  
  | per nundred share   | s) Other Orders(USD)  | per nundred share   | -24   |
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| (EDGX)      |   | 5   | 1.27   
   
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| )           |   | 3   | 0.76   
   
  | 2  
  | 0.71   | 0   
   
   | 0.00   | 0   | 0.00   
  |  | 1  | 2.38   
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  | 0   | 0   | 0   | 0   |
|             | <ul> <li>Non-Order Flow ecurities</li> <li>a)</li> <li>nericas,</li> <li>et Capital,</li> <li>(NYSE)</li> <li>(NYSE)</li> <li>NCIAL</li> <li>Execution</li> </ul> | Autor Street of Contrasts CARL     Outors as St CARL     Outors as St CARL     Outors as CARL     Outors     Standard Conter free     Standard Conter     Standard Conter free     Standard Conter free     Standard Co | Non-Official Contrasts         All Contrasts <th< th=""><th>Notation in a Solution and Solutio</th><th>Non-Directed<br/>of the Direct of the D</th><th>Non-Directal<br/>biological<br/>3 23         Non-Directal<br/>biological<br/>3 23         Non-Directal<br/>biological<br/>3 23         Non-Directal<br/>biological<br/>3 23         Non-Directal<br/>2 23         Non-Directal<br/>3 23         Non-Directal<br/>2 23<!--</th--><th>Note: 10 for the site is at 1 and interval at 1 and interval</th><th>Note: In the Directed of the Section of the</th><th>Normal Sector         Non-Structure<br/>Sector         Non-Structure<br/>Se</th><th>Normal Science State         Non-State         Non-State State         Non-State S</th><th>Normal Sector         Normal S</th><th>Note:         Note:         <th< th=""><th>And the series of the serie</th><th><math display="block"> \frac{1}{1000} + \frac{1}{1000} + \frac{1}{1000} + \frac{1}{10000} + \frac{1}{10000000000000000000000000000000000</math></th><th><math display="block"> \frac{1}{100} + 1</math></th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A       B</th></th<></th></th></th<> | Notation in a Solution and Solutio | Non-Directed<br>of the Direct of the D | Non-Directal<br>biological<br>3 23         Non-Directal<br>biological<br>3 23         Non-Directal<br>biological<br>3 23         Non-Directal<br>biological<br>3 23         Non-Directal<br>2 23         Non-Directal<br>3 23         Non-Directal<br>2 23 </th <th>Note: 10 for the site is at 1 and interval at 1 and interval</th> <th>Note: In the Directed of the Section of the</th> <th>Normal Sector         Non-Structure<br/>Sector         Non-Structure<br/>Se</th> <th>Normal Science State         Non-State         Non-State State         Non-State S</th> <th>Normal Sector         Normal S</th> <th>Note:         Note:         <th< th=""><th>And the series of the serie</th><th><math display="block"> \frac{1}{1000} + \frac{1}{1000} + \frac{1}{1000} + \frac{1}{10000} + \frac{1}{10000000000000000000000000000000000</math></th><th><math display="block"> \frac{1}{100} + 1</math></th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A       B</th></th<></th> | Note: 10 for the site is at 1 and interval | Note: In the Directed of the Section of the | Normal Sector         Non-Structure<br>Sector         Non-Structure<br>Se | Normal Science State         Non-State         Non-State State         Non-State S | Normal Sector         Normal S | Note:         Note: <th< th=""><th>And the series of the serie</th><th><math display="block"> \frac{1}{1000} + \frac{1}{1000} + \frac{1}{1000} + \frac{1}{10000} + \frac{1}{10000000000000000000000000000000000</math></th><th><math display="block"> \frac{1}{100} + 1</math></th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A</th><th>A       A       B</th></th<> | And the series of the serie | $ \frac{1}{1000} + \frac{1}{1000} + \frac{1}{1000} + \frac{1}{10000} + \frac{1}{10000000000000000000000000000000000$ | $ \frac{1}{100} + 1$ | A       A | A       A | A       A | A       A | A       A       B |

Non-S&P 500 Stocks	
Summary	

Summary											
								Non-Marketab	le		
		n-Directed		Market Orders as %		Marketable Limit		Limit Orders a	% of	Other Orders as	
<b>Total Non-Directe</b>	d Ord					Orders as % of Non-		Non-Directed		of Non-Directed	d
Orders	Ord	lers	<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders	
9	63	100.00	833	86.50	34	3.53		20	2.08 7	6	7.89

directed Order Flow Orde	n-Directed lers	Non-Directed Orders(%)	Market Orders	Market Orde	Marketable Limi trs(%) Orders	t Marketable Limit Orders(%)	Non-Mark Limit Orde			Other Orders	Net Payment Paid/Received fo (%) Market Orders(U	Net Payment Paid/Received for Market r Orders(cents per SD) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cent	Net Payment		ents
Citadel Securities LLC(CDRG)	32		1.73	302	35.91	12	29.27		0.00	15	19.74						0		
VIRTU Americas.	34	.9 3	1.75	302	35.91	12	29.27	U	0.00	10	19.74	0	0	0	0	0	0	0	0
LLC(NITE)	21	e .	0.73	148	17.60		14.63	0	0.00	61	80.26		0	0			0	0	
Jane Street Capital.			0.75	140	17.00		14.00	0	0.00		00.20			•	•	•	•		
LLC(INST)	16	6 1	6.01	157	18.67	8	19.51	1	1.27	0	0.00	0	0	0	0	0	0	0	0
G1 Execution						-		-		-		-	-	-	-	-	-	-	-
Services,																			
LLC(ETMM)	15	6 1	5.04	152	18.07	4	9.76	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock																			
Exchange(NYSE)	5	15	5.30	0	0.00	0	0.00	55	69.62	0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL																			
LP(HRTF)	3	19	3.76	38	4.52	1	2.44	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																			
Securities,		8	2.70	25	2.97		4.88		1.27										
LLC(SOHO) Instinet		8	2.70	25	2.9/	2	4.88	1	1.27	u	0.00	0	0	0	0	0	0	0	0
BlockCross(BLKX)		5	1.45		0.95		17.07		0.00		0.00							0	
Choe EDGX US		.5	1.45	•	0.95	'	17.07	0	0.00	u	0.00	0	0	0	0	0	0	0	0
Equities																			
Exchange(EDGX)	1	3	1.25	0	0.00	0	0.00	13	16.46	0	0.00	0	0	0	0	0	0	0	0
UBS Securities.																			
LLC(UBSS)		8	0.77	8	0.95	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

Option Con Summary

Non-Directed				Market Orders as 5		Marketable Lir	mit		Non-Mar Limit Ord	etable ers as % of		Other Orders as %		
	tal Non-Directed Orders as % of All			of Non-Directed	Total Marketable	Orders as % of			Non-Directed			of Non-Directed		
Orders			<b>Total Market Orders</b>	Orders	Limit Orders	Directed Order	rs 1	Total Non-Marketable Limit Orders	Orders		Total Other Orders	Orders		
13	5	100.00	94	69.6	3	7	5.19		34	25.19	0		0.00	

Venue - Non- Non-Directed directed Order Flow Orders	Non-Dire Orders[%		ders Mari		Marketable Limit Orders Marl		Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD	Market Orders(cents per	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for	Net Payment Paid/Received for Other Orders(cent per hundred share	ts
Citadel Securities LLC(CDRG) Wolverine	81	45.00	44	46.81	5	62.50	32	41	03	0 0	00 0	0		0	o a	· a	0		0
Execution Services LLC(WEXX) Dash Financial	34	18.89	4	4.26	0	0.00	30	38	46	0 0	00 C	0		0	) a	- a	0		0
Technologies LLC(DASH)	33	18.33	19	20.21	1	12.50	13	16	67	0 0	00 0	6		6	) a	. a	0		0

Susquehanna Capital Group(SUSQ) Morgan Stanley &	23	12.78	22	23.40	0	0.00	1	1.28	0	0.00	0	0	0	0	0	0	0	0
Company LLC(MSCO)	9	5.00	5	5.32	2	25.00	2	2.56	0	0.00	0	0	0	0	0	0	0	0