Order Execution Summary over Market Maker Stocks

Page 1



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable L	imit orde	er executi	on information	
Security	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	Pr	VA ice np. (N)	Price Dis-Improved Shares	SWA Price Dis-Imp. (N)
							,			ip. (iv)		
7UP	21 : 0-6,499	221	138,841	0:16:44.1	0.5287	92,266	1.0340		-		13,107	0.3698
7UP	22 : 6,500-34,999	55	241,808	0:18:10.1	0.4407	162,877	0.7206	,	-		-	
7UP	23:35,000-126,499	9	203,171	0:00:42.1	-0.2557	191,087	4.1323	}	-		125,878	3 2.7884
7UP	24 : 126,500 & above	4	2,301,419	0:00:05.2	-0.0471	1,101,419	0.7179)	-		-	
ABBEYBDS	21 : 0-6,499	2	1,200	0:00:00.0	0.0000	1,200	0.0000)	-		-	
ABBEYBDS	22 : 6,500-34,999	1	10,000	0:00:00.0	0.0000	10,000	0.0000)	-		-	
ABCTRANS	21 : 0-6,499	2	2,100	0:00:00.0	0.0000	2,100	0.0000)	-		-	
ACADEMY	21 : 0-6,499	2	500	0:00:00.0	0.0000	500	0.0000)	-		-	
ACCESS	21 : 0-6,499	898	1,474,572	0:08:05.4	0.0207	994,682	0.0311		35	0.0200	32,110	0.0175
ACCESS	22 : 6,500-34,999	526	5,896,106	0:05:18.2	0.0165	3,998,149	0.0300)	-		359,337	0.0145
ACCESS	23 : 35,000-126,499	629	27,126,138	0:13:16.5	0.0025	13,491,338	0.0204	ŀ	-		1,955,670	0.0140
ACCESS	24 : 126,500 & above	518	356,191,580	0:01:18.8	0.0022	228,275,585	0.0485	j	-		80,089,712	0.0330
AFRIPRUD	21 : 0-6,499	393	608,193	0:13:07.0	0.0171	393,374	0.0276	j	-		17,317	0.0370
AFRIPRUD	22 : 6,500-34,999	243	2,696,139	0:16:04.0	0.0074	1,475,875	0.0200)	-		110,698	0.0141

Guidance:

Order Execution Summary over Market Maker Stocks

Page 2



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lir	mit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
,	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
AFRIPRUD	23 : 35,000-126,499	280	10,716,324	0:21:37.8	0.0084	6,049,777	0.0230	١	-	731,262	0.0117
AFRIPRUD	24: 126,500 & above	187	50,599,346	0:10:56.4	0.0116	32,033,068	0.0615	i	-	19,306,402	0.0255
AFROMEDIA	21 : 0-6,499	1	291	0:00:00.0	0.0000	291	0.0000		-	-	
AGLEVENT	21 : 0-6,499	5	5,776	0:02:37.5	0.0525	5,676	0.0555	i	-	-	
AGLEVENT	22 : 6,500-34,999	3	13,000	0:00:00.0	0.0102	13,000	0.0103		-	=	
AGLEVENT	23 : 35,000-126,499	20	440,189	0:18:31.2	0.0024	297,689	0.0089	1	-	=	
AGLEVENT	24: 126,500 & above	3	144,000	0:00:00.0	0.0894	144,000	0.0894		-	144,000	0.0447
AIICO	21 : 0-6,499	65	140,688	0:16:27.4	0.0087	113,295	0.0125	i	-	4,166	0.0100
AIICO	22 : 6,500-34,999	89	1,115,597	0:21:52.3	0.0111	823,042	0.0138	1	-	30,000	0.0123
AIICO	23 : 35,000-126,499	80	2,564,554	0:25:43.9	0.0038	1,754,104	0.0120		-	150,000	0.0099
AIICO	24: 126,500 & above	80	20,301,493	0:19:04.9	0.0069	17,602,256	0.0112		-	3,380,000	0.0101
AIRSERVICE	21 : 0-6,499	39	37,648	0:07:41.9	0.0335	25,254	0.1341		-	-	
AIRSERVICE	22 : 6,500-34,999	18	182,923	0:07:52.6	0.1096	157,923	0.1070)	-	34,973	0.0359
AIRSERVICE	23 : 35,000-126,499	16	948,850	0:06:38.1	-0.0311	518,850	0.0502		-	100,000	0.0093
AIRSERVICE	24: 126,500 & above	11	5,843,240	0:39:24.3	0.0790	4,998,240	0.1335	·	=		

Guidance

Order Execution Summary over Market Maker Stocks

Page 3



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	Al	l order e	execution informa	tion	М	arket and N	1arketable Lir	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed		SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
•	Code: Share Size Range	Orders	Shares		Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
ALEX	21 : 0-6,499	1	2	200	0:00:00.0	0.0000	200	0.0000)	-	-	-
AVONCROWN	21 : 0-6,499		7	5,345	0:00:00.0	0.0977	5,345	0.0977	7	-	-	-
AVONCROWN	22 : 6,500-34,999		3	40,785	0:00:00.0	0.1000	40,785	0.1000)	-	-	-
AVONCROWN	23 : 35,000-126,499		1	-	0:00:00.0		-	-		-	-	-
BERGER	21 : 0-6,499	6	9	46,712	0:15:07.9	0.1214	32,083	0.1890)	-	200	0.0250
BERGER	22 : 6,500-34,999	6	9	566,406	0:31:03.1	-0.0257	295,839	0.1281		-	16,035	0.0100
BERGER	23 : 35,000-126,499	4	6	586,534	0:19:46.9	-0.0071	378,344	0.1781		-	-	=
BETAGLAS	21 : 0-6,499	5	6	47,800	0:00:56.2	3.0688	47,122	2.6583	3	-	-	=
BETAGLAS	22 : 6,500-34,999		3	35,595	0:11:42.6	-1.5755	35,595	0.1115	5	-	12,318	0.1611
BETAGLAS	23 : 35,000-126,499		4	146,981	0:26:06.7	-0.1584	88,500	0.9109)	-	-	-
BETAGLAS	24: 126,500 & above		2	9,836	0:05:01.2	-3.5559	9,559	0.0000)	-	-	-
BOCGAS	21 : 0-6,499	1	2	8,132	0:02:05.3	0.0141	7,132	0.0301	Į.	-	-	-
BOCGAS	22 : 6,500-34,999		3	10,080	0:18:22.4	-0.1600	-	0.0000)	-	-	-
BOCGAS	23 : 35,000-126,499		1	20	0:04:49.0	-0.1700	-	0.0000)	-		-
BOCGAS	24: 126,500 & above		3	442,504	0:00:00.0	0.0036	442,504	0.0036	;)	-	-	-

Guidance

Order Execution Summary over Market Maker Stocks

Page 4



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lir	mit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
CADBURY	21 : 0-6,499	377	486,377	0:12:25.1	0.1603	342,236	0.2012		-	39,605	0.0499
CADBURY	22 : 6,500-34,999	169	1,608,070	0:20:19.9	-0.0097	1,047,101	0.1489	ı	-	223,840	0.0254
CADBURY	23 : 35,000-126,499	109	2,774,745	0:17:04.1	0.0506	1,822,886	0.2091		-	212,949	0.0198
CADBURY	24: 126,500 & above	9	1,013,916	0:02:21.1	0.0821	1,013,916	0.4092		-	826,063	0.1360
CAP	21 : 0-6,499	130	156,498	0:15:33.8	0.4533	115,615	0.6787	1	-	8,958	0.0319
CAP	22 : 6,500-34,999	34	216,992	0:08:10.8	0.4221	206,197	0.5621		-	10,000	0.0449
CAP	23 : 35,000-126,499	3	149,532	0:00:22.8	0.6717	143,815	0.5116	1	-	-	
CAP	24 : 126,500 & above	2	31,417	1:36:26.0	-1.3160	13,117	0.0000		-	-	
CAPHOTEL	21 : 0-6,499	4	2,502	0:00:00.0	0.0000	2,502	0.0000		-	-	
CAPHOTEL	23 : 35,000-126,499	1	13,958	0:00:00.0	0.0000	13,958	0.0000	ı	-	-	
CAPOIL	23 : 35,000-126,499	1	50,000	0:00:00.0	0.0000	50,000	0.0000	ı	-	-	
CAVERTON	21 : 0-6,499	34	58,525	0:15:36.1	0.0030	33,925	0.0165		-	-	
CAVERTON	22 : 6,500-34,999	24	255,672	0:12:00.6	0.0067	159,027	0.0235		-	-	
CAVERTON	23 : 35,000-126,499	65	2,722,905	0:12:54.8	0.0215	1,865,773	0.0341		-	287,650	0.0301
CAVERTON	24: 126,500 & above	31	4,277,694	0:23:16.4	-0.0148	1,778,193	0.0156	ı	-	701,330	0.0160

Guidance:

Order Execution Summary over Market Maker Stocks

Page 5



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
CCNN	21 : 0-6,499	198	258,662	0:08:11.5	0.0209	189,505	0.0965		-	5,375	0.1020
CCNN	22 : 6,500-34,999	192	1,796,205	0:13:40.2	-0.0079	1,321,466	0.1398		-	115,553	0.1560
CCNN	23 : 35,000-126,499	134	5,931,577	0:11:07.5	0.0551	4,436,617	0.1578		-	796,260	0.1512
CCNN	24: 126,500 & above	34	12,516,030	0:04:21.9	0.0759	11,166,492	0.6350		-	3,859,124	0.1123
CHAMPION	21 : 0-6,499	121	144,460	0:08:16.8	0.0193	119,848	0.0466	ı	-	-	
CHAMPION	22 : 6,500-34,999	106	947,465	0:19:04.8	-0.0280	676,905	0.0422		-	59,983	0.0103
CHAMPION	23 : 35,000-126,499	89	2,772,002	0:27:43.6	0.0030	1,880,982	0.0492		-	213,005	0.0147
CHAMPION	24: 126,500 & above	29	11,318,838	0:09:13.3	0.0241	10,616,295	0.0464		-	1,527,805	0.0495
CHAMS	21 : 0-6,499	2	1,050	0:00:00.0	0.0000	1,050	0.0000		-	-	
CHAMS	22 : 6,500-34,999	2	18,000	0:00:00.0	0.0000	18,000	0.0000		-	-	
CHAMS	23 : 35,000-126,499	1	90,500	0:00:00.0	0.0000	90,500	0.0000		-	-	
CILEASING	21 : 0-6,499	128	192,634	0:12:41.4	0.0055	135,125	0.0173		-	1,300	0.0314
CILEASING	22 : 6,500-34,999	144	1,549,398	0:09:50.8	0.0064	1,141,709	0.0170		-	20,000	0.0050
CILEASING	23 : 35,000-126,499	249	9,733,672	0:21:42.4	-0.0018	6,175,140	0.0184		-	856,500	0.0163
CILEASING	24 : 126,500 & above	236	39,824,639	0:20:05.0	0.0080	31,079,018	0.0209	1	-	7,419,500	0.0137

Guidance:

Order Execution Summary over Market Maker Stocks

Page 6



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
•	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
CONOIL	21 : 0-6,499	366	356,995	0:25:05.3	0.2348	241,909	0.5829		-	20,328	0.1017
CONOIL	22 : 6,500-34,999	113	950,901	0:24:17.2	0.3871	747,044	0.7844		-	91,301	0.5464
CONOIL	23:35,000-126,499	31	1,117,357	0:49:38.2	0.7702	942,325	1.1169		-	291,768	0.1710
CONOIL	24: 126,500 & above	6	877,530	0:01:25.2	0.4125	877,530	0.4125		-	-	
CONTINSURE	21 : 0-6,499	36	53,659	0:03:28.9	0.0250	43,979	0.0311		-	-	
CONTINSURE	22 : 6,500-34,999	51	678,970	0:05:55.0	0.0282	552,290	0.0344		-	-	
CONTINSURE	23 : 35,000-126,499	39	1,248,109	0:06:57.8	0.0283	878,730	0.0409		-	=	
CONTINSURE	24: 126,500 & above	32	3,338,571	0:13:10.9	0.0361	2,455,135	0.0577		-	909,720	0.0239
CORNERST	21 : 0-6,499	18	18,300	0:00:00.0	0.0000	18,300	0.0000		-	=	
CORNERST	22 : 6,500-34,999	1	15,333	0:00:00.0	0.0000	15,333	0.0000		-	-	
CORNERST	24: 126,500 & above	1	656,759	0:00:00.0	0.0000	656,759	0.0000		-	=	
COURTVILLE	21 : 0-6,499	4	2,300	0:00:00.0	0.0000	2,300	0.0000		-	=	
CUSTODYINS	21 : 0-6,499	76	98,519	0:09:42.2	0.0657	79,824	0.0913		-	3,000	0.0150
CUSTODYINS	22 : 6,500-34,999	91	644,092	0:12:47.1	0.0238	455,621	0.0500		-	38,595	0.0201
CUSTODYINS	23 : 35,000-126,499	59	1,434,616	0:23:57.7	-0.0110	942,290	0.0949		-	137,000	0.0203

Guidance:

Order Execution Summary over Market Maker Stocks

Page 7



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Li	mit order e	execution information	
Security	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price Imp.	Dis-Improved	SWA Price Dis-Imp. (N)
CUSTODYINS	24 : 126,500 & above	12	1,901,027	0:02:55.6	0.1968	1,827,818	0.2556	;	-	1,683,218	3 0.0206
CUTIX	21 : 0-6,499	61	81,335	0:19:27.4	0.0152	60,700	0.0490)	-		-
CUTIX	22 : 6,500-34,999	65	669,521	0:23:51.2	0.0596	494,572	0.0803	}	-	45,000	0.0650
CUTIX	23 : 35,000-126,499	58	1,869,746	0:20:44.5	0.0182	1,183,344	0.0621		-	96,200	0.0319
CUTIX	24 : 126,500 & above	36	3,174,462	0:32:08.9	0.0297	2,268,864	0.0746	j	-	600,000	0.0178
DANGCEM	21 : 0-6,499	605	444,552	0:22:06.0	-1.0629	270,536	2.3550)	-	25,379	2.9911
DANGCEM	22 : 6,500-34,999	212	1,738,064	0:13:25.8	0.6584	1,185,306	2.2634	ŀ	-	310,142	2 0.6740
DANGCEM	23 : 35,000-126,499	110	3,328,131	0:10:40.9	-1.1325	2,090,285	2.3451		-	624,580	0.9816
DANGCEM	24 : 126,500 & above	30	9,926,370	0:01:45.8	2.4958	7,241,523	5.2320)	-	2,359,090	6.2393
DANGSUGAR	21 : 0-6,499	848	1,281,714	0:08:17.9	0.0307	808,396	0.1069)	3,386	0.0100 32,111	1 0.0307
DANGSUGAR	22 : 6,500-34,999	769	8,043,069	0:09:16.9	0.0151	4,562,649	0.1036	5 3	30,100	0.0422 509,703	1 0.0274
DANGSUGAR	23 : 35,000-126,499	643	22,697,645	0:07:26.0	0.0169	14,184,172	0.1380)	-	3,630,690	0.0574
DANGSUGAR	24 : 126,500 & above	290	60,335,506	0:07:06.3	0.0301	48,263,442	0.2736	,	-	21,669,000	0.1951
DIAMONDBNK	21 : 0-6,499	181	313,684	0:09:42.7	0.0095	251,270	0.0126	j	-	4,700	0.0096
DIAMONDBNK	22 : 6,500-34,999	183	2,334,630	0:19:18.9	0.0056	1,509,045	0.0094	ļ	-	26,240	0.0079

Guidance:

Order Execution Summary over Market Maker Stocks

Page 8



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	M	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
-,	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
DIAMONDBNK	23:35,000-126,499	276	10,547,739	0:26:15.9	0.0033	7,022,170	0.0131		-	521,000	0.0168
DIAMONDBNK	24 : 126,500 & above	547	117,215,430	0:24:55.6	0.0014	74,145,123	0.0115		-	8,153,215	0.0116
DUNLOP	21 : 0-6,499	1	10	0:00:00.0	0.0000	10	0.0000		-	-	
ENAMELWA	21 : 0-6,499	3	660	0:13:15.5	0.0000	660	0.0000		-	-	
ENAMELWA	22 : 6,500-34,999	2	17,710	0:40:34.7	-1.3900	-	0.0000		-	-	
ENAMELWA	23 : 35,000-126,499	2	17,710	0:00:00.0	1.3900	17,710	1.3900		-	-	
EQUITYASUR	21 : 0-6,499	16	13,038	0:00:00.0	0.0000	13,038	0.0000		-	-	
ETERNA	21 : 0-6,499	114	143,070	0:19:55.4	0.0155	95,340	0.0768	1	-	7,400	0.0735
ETERNA	22 : 6,500-34,999	172	1,492,304	0:15:51.0	-0.0082	894,933	0.0487	1	-	67,164	0.0399
ETERNA	23 : 35,000-126,499	156	3,847,061	0:18:41.4	0.0087	2,225,788	0.0668	1	-	532,458	0.0296
ETERNA	24: 126,500 & above	35	1,153,640	0:01:21.2	-0.0032	720,000	0.0778	1	-	320,000	0.0470
ETI	21 : 0-6,499	508	574,386	0:03:49.2	0.1867	434,331	0.2456	ı	-	12,458	0.0144
ETI	22 : 6,500-34,999	207	1,926,729	0:08:38.4	0.0615	1,242,981	0.2042		-	120,096	0.0957
ETI	23 : 35,000-126,499	163	4,018,622	0:06:40.7	0.0548	2,840,298	0.2356	1	-	450,653	0.0711
ETI	24: 126,500 & above	37	5,869,777	0:00:01.3	0.0822	5,419,777	0.2071		-	1,262,100	0.0609

Guidance

Order Execution Summary over Market Maker Stocks

Page 9



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable	Limit or	der execut	on information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved		SWA Price	Price Dis-Improved	SWA Price
·	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares		Imp. (N)	Shares	Dis-Imp. (N)
ETRANZACT	21 : 0-6,499	6	16,921	0:04:03.4	-0.0556	13,001	0.0000)	-		-	
ETRANZACT	22 : 6,500-34,999	1	30,000	0:00:00.0	0.0000	30,000	0.0000)	-		-	
ETRANZACT	23 : 35,000-126,499	2	-	0:00:00.0		-			-		-	
FBNH	21 : 0-6,499	1,193	2,396,592	0:04:58.7	0.0113	1,726,487	0.0170)	5,500	0.0100	27,625	0.0085
FBNH	22 : 6,500-34,999	1,035	12,583,430	0:07:26.2	0.0062	8,404,732	0.0166	j	-		545,733	0.0108
FBNH	23 : 35,000-126,499	907	41,045,005	0:09:05.1	0.0077	24,643,938	0.0126	j	-		1,244,954	0.0083
FBNH	24: 126,500 & above	681	216,901,118	0:07:02.4	0.0039	134,273,884	0.0257	7	-		57,419,672	0.0276
FCMB	21 : 0-6,499	284	444,531	0:11:09.9	0.0062	316,763	0.0101		-		-	
FCMB	22 : 6,500-34,999	222	2,526,171	0:17:19.5	0.0052	1,777,257	0.0109)	-		45,650	0.0090
FCMB	23 : 35,000-126,499	358	13,304,618	0:38:45.8	-0.0020	6,826,988	0.0072)	-		150,000	0.0092
FCMB	24: 126,500 & above	700	257,266,538	0:18:49.5	0.0019	150,097,148	0.0138	3	-		32,765,979	0.0111
FIDELITYBK	21 : 0-6,499	259	537,998	0:06:01.0	0.0072	395,188	0.0090)	-		5,000	0.0077
FIDELITYBK	22 : 6,500-34,999	340	3,848,580	0:06:43.3	0.0086	2,766,651	0.0091		-		65,450	0.0087
FIDELITYBK	23 : 35,000-126,499	435	18,880,304	0:17:21.8	0.0031	10,875,083	0.0074	ļ	-		242,444	0.0084
FIDELITYBK	24: 126,500 & above	781	198,151,982	0:13:49.1	0.0011	133,320,582	0.0154	ļ	-		24,304,392	0.0240

Guidance

Order Execution Summary over Market Maker Stocks

Page 10



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and M	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
-	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
FIDSON	21 : 0-6,499	130	180,130	0:31:19.9	0.0136	100,463	0.0448		-	-	-
FIDSON	22 : 6,500-34,999	174	1,392,901	0:18:27.8	0.0248	863,150	0.0481		-	18,533	0.0100
FIDSON	23 : 35,000-126,499	151	5,513,117	0:12:25.9	0.0184	4,135,572	0.0551		-	200,000	0.0402
FIDSON	24: 126,500 & above	139	20,254,138	0:09:17.7	0.0209	14,400,203	0.0636		-	2,956,393	0.0534
FIRSTALUM	21 : 0-6,499	24	40,354	0:09:49.7	0.0131	34,354	0.0231		-	-	-
FIRSTALUM	22 : 6,500-34,999	19	253,801	0:27:06.3	0.0282	190,568	0.0294		-	-	-
FIRSTALUM	23 : 35,000-126,499	23	905,516	0:36:27.1	0.0180	696,516	0.0262		-	-	-
FIRSTALUM	24: 126,500 & above	9	172,170	1:11:06.9	-0.0045	117,322	0.0312		-	-	-
FLOURMILL	21 : 0-6,499	524	603,403	0:10:41.1	0.1504	363,883	0.2655		-	16,293	0.1203
FLOURMILL	22 : 6,500-34,999	236	2,125,782	0:12:01.8	0.1334	1,334,701	0.3603		-	237,934	0.1224
FLOURMILL	23 : 35,000-126,499	135	4,554,996	0:12:34.0	0.1893	3,155,147	0.3092		-	918,747	0.1091
FLOURMILL	24: 126,500 & above	10	3,062,750	0:02:31.2	0.0153	2,526,400	0.6057	1	-	1,540,000	0.3963
FO	21 : 0-6,499	866	1,089,864	0:08:09.1	0.0245	687,308	0.3643		-	103,576	0.0836
FO	22 : 6,500-34,999	364	3,389,567	0:10:06.1	-0.0678	2,089,482	0.5759		-	430,720	0.0758
FO	23 : 35,000-126,499	84	3,004,016	0:03:54.8	0.1274	2,358,243	0.5327	1	-	1,274,173	0.2390

Guidance:

Order Execution Summary over Market Maker Stocks

Page 11



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable	Limit or	der execut	ion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved		SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares		Imp. (N)	Shares	Dis-Imp. (N)
FO	24: 126,500 & above	18	600,000	0:11:36.4	0.9695	532,392	2.1192	!	-		516,992	0.6123
GLAXOSMITH	21 : 0-6,499	114	98,123	0:24:25.8	0.3000	74,931	0.5460		-		1,326	0.6058
GLAXOSMITH	22 : 6,500-34,999	14	148,529	0:02:47.1	0.6554	140,129	0.6805	;	-		51,286	0.0103
GLAXOSMITH	23 : 35,000-126,499	9	263,280	0:30:40.1	0.6819	263,280	0.8165	;	-		-	
GLAXOSMITH	24 : 126,500 & above	5	16,090	0:05:15.4	-0.8587	16,090	0.0000)	-		-	
GOLDBREW	21 : 0-6,499	1	768	0:00:00.0	0.0000	768	0.0000)	-		-	
GUARANTY	21 : 0-6,499	1,566	2,401,157	0:04:50.0	0.0956	1,615,088	0.1538	3	1,000	0.0100	52,319	0.0447
GUARANTY	22 : 6,500-34,999	1,109	12,087,236	0:04:43.8	0.0746	7,433,662	0.1580)	-		539,947	0.0701
GUARANTY	23 : 35,000-126,499	1,159	40,976,626	0:05:25.7	-0.0207	24,425,261	0.1328	3	48,000	0.0052	2 1,889,868	0.0541
GUARANTY	24: 126,500 & above	541	211,293,630	0:02:37.4	0.0108	140,223,232	0.2266	j	-		42,028,919	0.1256
GUINNESS	21 : 0-6,499	635	653,895	0:09:48.3	0.0470	412,049	0.7118	}	200	0.0100) 14,523	0.4271
GUINNESS	22 : 6,500-34,999	344	2,619,905	0:05:45.2	0.1973	1,863,295	0.7753	}	-		223,861	0.2175
GUINNESS	23 : 35,000-126,499	165	5,095,728	0:11:00.2	0.0798	3,964,873	0.9756	j	-		666,265	0.4316
GUINNESS	24: 126,500 & above	18	1,336,559	0:00:36.1	-0.1321	1,101,474	0.8622]	-		607,819	0.1869
HMARKINS	21 : 0-6,499	3	10,718	0:00:00.0	0.0000	10,718	0.0000)	-		_	

Guidance:

Order Execution Summary over Market Maker Stocks

Page 12



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
HMARKINS	22 : 6,500-34,999	1	30,000	0:00:00.0	0.0000	30,000	0.0000		-	-	
HONYFLOUR	21 : 0-6,499	155	233,708	0:10:50.0	0.0268	161,999	0.0333		-	5,800	0.0105
HONYFLOUR	22 : 6,500-34,999	152	1,885,745	0:16:13.8	0.0096	1,117,361	0.0271		-	122,356	0.0212
HONYFLOUR	23 : 35,000-126,499	194	6,284,332	0:20:43.4	0.0002	3,847,168	0.0237		-	732,529	0.0160
HONYFLOUR	24: 126,500 & above	75	4,568,584	0:17:30.7	0.0322	3,216,870	0.0585		-	1,567,962	0.0472
INTBREW	21 : 0-6,499	93	78,273	0:12:25.1	0.9095	63,083	1.3163		-	12,500	0.2728
INTBREW	22 : 6,500-34,999	37	267,430	0:12:29.1	0.6229	196,898	0.8853		-	34,500	0.0297
INTBREW	23 : 35,000-126,499	16	457,120	0:14:54.1	0.4989	400,000	0.8764		-	100,000	0.2272
INTBREW	24: 126,500 & above	9	2,968,894	0:01:41.5	0.1509	1,582,500	1.4218	1	-	1,432,500	0.0514
INTENEGINS	21 : 0-6,499	4	1,201	0:00:00.0	0.0000	1,201	0.0000		-	-	
JAPAULOIL	21 : 0-6,499	1	1,000	0:00:00.0	0.0000	1,000	0.0000		-	=	
JAPAULOIL	22 : 6,500-34,999	1	6,800	0:00:00.0	0.0000	6,800	0.0000		-	=	
JBERGER	21 : 0-6,499	148	120,293	0:17:24.5	0.3376	83,613	0.5325		-	500	0.4335
JBERGER	22 : 6,500-34,999	38	289,759	0:32:21.6	-0.2446	170,110	0.6309		-	420	0.0500
JBERGER	23 : 35,000-126,499	9	360,669	0:01:30.9	0.8641	310,669	1.1408		-	50,960	0.1005

Guidance:

Order Execution Summary over Market Maker Stocks

Page 13



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All	l order e	execution information	ation	М	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares		SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price Imp. (N)	Price Dis-Improved Shares	SWA Price Dis-Imp. (N)
	Code. Share Size Range		Silaies		Speeu	Spreau (N)	Executed Shares	Spreau (N)	Silaies	Imp. (N)	Silates	Dis-IIIb: (IV)
JBERGER	24: 126,500 & above		4	188,035	0:00:01.	0.0000	188,035	0.0000		-	-	-
JOHNHOLT	21 : 0-6,499		5	590	0:00:36.3	3 0.0027	510	0.0027		-	-	-
JOHNHOLT	22 : 6,500-34,999		2	-	0:00:00.0)	-			-	-	-
JOHNHOLT	23:35,000-126,499		6	191,250	0:00:22.6	0.0095	100,000	0.0095		-	-	-
JOHNHOLT	24: 126,500 & above		1	-	0:00:00.0)	-			-	-	-
LASACO	21 : 0-6,499		5	7,001	0:00:00.0	0.0000	7,001	0.0000		-	-	-
LAWUNION	21 : 0-6,499	3	1	7,981	0:00:00.0	0.0000	7,981	0.0000		-	-	-
LEARNAFRCA	21 : 0-6,499	2	8	60,731	0:02:02.0	0.0231	51,831	0.0287	1	-	-	-
LEARNAFRCA	22 : 6,500-34,999	1	2	71,201	0:00:00.0	0.0681	71,201	0.0637	1	-	-	-
LEARNAFRCA	23 : 35,000-126,499	2	7	446,176	1:03:33.6	-0.0047	235,714	0.0209		-	105,714	0.0231
LEARNAFRCA	24: 126,500 & above		1	-	0:00:00.0)	-			-	-	-
LINKASSURE	21 : 0-6,499	1	4	27,590	0:24:35.0	0.0128	12,340	0.0075		=	-	-
LINKASSURE	22 : 6,500-34,999	1	1	115,575	0:09:14.3	3 0.0052	81,475	0.0127	1	-	10,000	0.0099
LINKASSURE	23 : 35,000-126,499	3	4 1,	,481,650	0:20:34.9	9 -0.0028	973,650	0.0184		=	55,900	0.0089
LINKASSURE	24: 126,500 & above	2	8 5,	,079,000	0:19:56.3	3 0.0127	3,379,000	0.0313		-	1,019,000	0.0217

Guidance

Order Execution Summary over Market Maker Stocks

Page 14



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	larketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
LIVESTOCK	21 : 0-6,499	95	153,810	0:08:12.8	0.0109	140,360	0.0152		-	5,000	0.0189
LIVESTOCK	22 : 6,500-34,999	111	1,071,427	0:13:30.5	0.0111	831,027	0.0153		-	35,600	0.0160
LIVESTOCK	23 : 35,000-126,499	178	6,066,359	0:20:48.0	0.0069	5,025,759	0.0143		-	40,000	0.0100
LIVESTOCK	24: 126,500 & above	166	23,384,714	0:39:52.8	0.0033	19,479,862	0.0095		-	617,559	0.0093
MANSARD	21 : 0-6,499	95	116,304	0:21:00.4	-0.0064	69,825	0.0272		-	500	0.0294
MANSARD	22 : 6,500-34,999	49	312,573	0:02:56.7	0.0294	294,303	0.0326		-	40,000	0.0286
MANSARD	23 : 35,000-126,499	52	1,904,878	0:09:03.1	0.0283	1,461,461	0.0351		-	-	
MANSARD	24 : 126,500 & above	59	36,341,244	0:11:23.4	-0.0080	24,516,552	0.0422		-	2,600,632	0.0350
MAYBAKER	21 : 0-6,499	199	364,244	0:07:00.7	0.0435	283,984	0.0580		-	500	0.0200
MAYBAKER	22 : 6,500-34,999	258	2,249,879	0:16:29.5	0.0246	1,586,526	0.0486		-	62,750	0.0310
MAYBAKER	23 : 35,000-126,499	180	5,064,701	0:23:33.9	-0.0094	3,189,536	0.0440		-	545,006	0.0220
MAYBAKER	24: 126,500 & above	43	3,986,587	0:21:23.5	0.0104	2,689,448	0.0709		-	609,500	0.0607
MBENEFIT	21 : 0-6,499	4	1,900	0:00:00.0	0.0000	1,900	0.0000		-	-	
MBENEFIT	24: 126,500 & above	2	2,300,000	0:00:00.0	0.0000	2,300,000	0.0000		-	-	
MCNICHOLS	21 : 0-6,499	8	5,295	0:00:00.0	0.0325	5,295	0.0325		-		

Guidance:

Order Execution Summary over Market Maker Stocks

Page 15



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
Joourne,	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
MCNICHOLS	23:35,000-126,499	1		- 0:00:00.0		-	-		-	-	-
MEYER	21 : 0-6,499	g	6,065	0:00:00.0	0.0584	6,065	0.0584	1	-	-	-
MEYER	22 : 6,500-34,999	1	10,000	0:00:00.0	0.0600	10,000	0.0600		-	-	-
MOBIL	21 : 0-6,499	347	222,374	0:18:15.6	0.5567	161,770	3.3823	}	-	32,137	7 0.3717
MOBIL	22 : 6,500-34,999	57	391,552	0:08:57.2	1.6578	324,101	3.1178	}	-	50,518	3 0.1280
MOBIL	23 : 35,000-126,499	15	466,185	0:15:07.3	-2.2328	344,489	1.5393	}	-	50,902	2 3.1575
MOBIL	24: 126,500 & above	1	. 370,109	0:00:00.0	9.9100	370,109	0.0000)	-	-	-
MORISON	21 : 0-6,499	8	3 2,120	0:14:41.2	0.0278	1,920	0.0335	j	-	-	-
MORISON	22 : 6,500-34,999	8	72,706	0:02:10.1	0.0000	60,886	0.0033	}	-	-	-
MORISON	23 : 35,000-126,499	3	52,000	0:00:03.5	0.1343	51,500	0.1350)	-	51,500	0.0682
MRS	21 : 0-6,499	173	131,402	2 0:22:57.7	0.5578	94,210	0.9656	j	-	13,287	7 0.0080
MRS	22 : 6,500-34,999	23	137,619	0:12:04.4	0.5870	101,847	1.7009	1	-	36,622	0.2489
MRS	23 : 35,000-126,499	g	15,150	0:29:19.3	-0.5343	2,140	0.4040		-	2,140	0.0300
MULTITREX	21 : 0-6,499	1	. 500	0:00:00.0	0.0000	500	0.0000	1	=	-	-
MULTIVERSE	21 : 0-6,499	3	3,342	2 0:00:00.0	0.0000	3,342	2 0.0000	1	-		-

Guidance:

Order Execution Summary over Market Maker Stocks

Page 16



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
NAHCO	21 : 0-6,499	203	254,066	0:22:14.0	0.0298	171,830	0.0515		-	4,627	0.0326
NAHCO	22 : 6,500-34,999	236	2,040,266	0:16:35.1	-0.0156	1,136,398	0.0356	i	-	42,000	0.0289
NAHCO	23 : 35,000-126,499	154	5,261,355	0:29:44.6	-0.0042	2,547,194	0.0308	;	-	316,900	0.0364
NAHCO	24 : 126,500 & above	91	12,077,196	0:16:18.1	0.0260	8,818,225	0.0772		-	4,669,307	0.0256
NASCON	21 : 0-6,499	214	301,167	0:08:22.4	0.1237	202,594	0.1669)	-	1,400	0.1288
NASCON	22 : 6,500-34,999	180	1,700,231	0:10:31.1	0.0432	1,246,701	0.1616	i	-	131,099	0.1123
NASCON	23 : 35,000-126,499	172	7,394,633	0:09:11.4	0.0498	4,466,812	0.1573		-	706,135	0.0221
NASCON	24 : 126,500 & above	51	10,448,655	0:03:18.9	0.0925	8,332,255	0.4298	1	-	5,204,000	0.2866
NB	21 : 0-6,499	927	1,054,510	0:05:01.0	0.7065	663,935	0.8549		-	48,102	0.4806
NB	22 : 6,500-34,999	510	4,608,009	0:05:56.6	0.4599	2,765,353	0.7198	1	-	210,359	0.1727
NB	23 : 35,000-126,499	220	5,886,685	0:02:12.9	-0.1225	3,521,570	1.0747	,	-	1,302,193	0.6422
NB	24: 126,500 & above	75	30,035,803	0:00:29.1	0.8101	20,747,853	1.4907	,	-	13,562,386	0.7655
NCR	21 : 0-6,499	4	1,533	0:04:28.0	0.0000	1,433	0.0470	1	-	-	
NEIMETH	21 : 0-6,499	50	74,304	0:34:02.0	0.0178	47,604	0.0173	}	-	5,000	0.0080
NEIMETH	22 : 6,500-34,999	36	384,016	0:19:42.0	0.0136	259,200	0.0236		-	20,000	0.0081

Guidance:

Order Execution Summary over Market Maker Stocks

Page 17



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lii	mit order ex	ecution information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (f	N) Shares	Dis-Imp. (N)
NEIMETH	23 : 35,000-126,499	64	1,972,660	0:32:14.1	0.0039	1,166,201	0.0224	ļ	-	328,330	0.0159
NEIMETH	24 : 126,500 & above	15	376,594	0:00:34.9	0.0235	346,594	0.0225	i	-	-	-
NEM	21 : 0-6,499	62	105,603	0:16:54.9	0.0283	81,895	0.0302	!	-	-	-
NEM	22 : 6,500-34,999	88	1,120,656	0:12:33.3	0.0245	884,310	0.0265	i	-	25,000	0.0094
NEM	23 : 35,000-126,499	76	3,022,433	0:25:42.6	0.0117	2,085,797	0.0201		-	84,000	0.0169
NEM	24 : 126,500 & above	41	5,169,564	0:22:23.8	0.0098	4,319,653	0.0188	}	-	302,661	0.0196
NESF	21 : 0-6,499	3	4,037	0:00:00.0	0.0000	4,037	0.0000)	-	-	-
NESTLE	21 : 0-6,499	709	422,902	0:09:03.7	3.6552	293,971	8.4433	}	-	30,009	1.1287
NESTLE	22 : 6,500-34,999	297	1,208,285	0:07:24.9	7.6187	822,726	11.5990) 1	5,000 0	0.0200 99,058	3 1.0435
NESTLE	23 : 35,000-126,499	35	946,051	0:06:48.6	-2.5085	629,384	10.5340)	-	163,139	0.6585
NESTLE	24: 126,500 & above	10	3,881,093	0:00:04.1	-0.3615	1,393,153	15.1104	ļ	-	729,436	4.0506
NIG-GERMAN	22 : 6,500-34,999	1	9,000	0:00:00.0	0.0000	9,000	0.0000)	-	-	=
NIGERINS	21 : 0-6,499	5	2,800	0:00:00.0	0.0000	2,800	0.0000)	-	-	-
NIGERINS	22 : 6,500-34,999	2	40,600	0:00:00.0	0.0000	40,600	0.0000)	-	-	-
NNFM	21 : 0-6,499	12	11,039	0:06:35.2	0.4134	10,039	0.4215	·	-		-

Guidance:

Order Execution Summary over Market Maker Stocks

Page 18



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
-	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
NNFM	22 : 6,500-34,999	9	40,972	1:04:19.8	0.0250	20,869	0.2839)	-	6,869	0.1617
NNFM	23 : 35,000-126,499	2	· -	0:00:00.0		-	-		-	-	-
NNFM	24: 126,500 & above	1	34,748	0:00:00.0	0.4700	34,748	0.0000)	-	-	-
NPFMCRFBK	21 : 0-6,499	38	59,411	0:07:32.1	0.0079	42,611	0.0374	ļ	-	-	-
NPFMCRFBK	22 : 6,500-34,999	48	546,993	0:16:22.2	0.0177	375,993	0.0305	j	-	-	-
NPFMCRFBK	23 : 35,000-126,499	68	1,945,122	0:12:33.9	0.0249	1,479,381	0.0343	}	-	170,820	0.0093
NPFMCRFBK	24: 126,500 & above	43	1,802,254	0:50:27.7	0.0194	1,489,300	0.0427	,	-	-	-
NSLTECH	21 : 0-6,499	3	1,003	0:00:00.0	0.0000	1,003	0.0000)	-	-	-
OANDO	21 : 0-6,499	645	1,057,172	0:10:51.9	0.0259	635,778	0.0487	,	-	18,083	0.0249
OANDO	22 : 6,500-34,999	501	5,189,808	0:11:39.8	0.0224	3,046,558	0.0405	j	-	285,190	0.0247
OANDO	23 : 35,000-126,499	409	15,074,006	0:15:06.5	0.0061	8,412,669	0.0419)	-	2,192,527	0.0268
OANDO	24: 126,500 & above	182	40,253,881	0:07:15.2	0.0133	28,851,283	0.0725	;	-	9,168,220	0.0467
OKOMUOIL	21 : 0-6,499	366	360,489	0:26:04.3	0.2305	193,460	1.0602		-	23,859	0.6843
OKOMUOIL	22 : 6,500-34,999	115	833,107	0:20:58.8	0.6724	562,635	1.4617	,	-	111,998	1.1519
OKOMUOIL	23 : 35,000-126,499	45	1,565,036	0:16:31.9	1.0366	1,278,336	1.6242	<u> </u>	-	495,454	0.6825

Guidance:

Order Execution Summary over Market Maker Stocks

Page 19



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	Α	ll order e	execution informa	ition	М	arket and N	1arketable Lir	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed		SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares		Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
OKOMUOIL	24: 126,500 & above		5 1	,109,708	0:04:46.4	0.6010	1,109,708	1.1296	i	-	391,266	0.0200
PAINTCOM	21 : 0-6,499		7	12,280	0:50:25.2	0.0111	7,280	0.0315		-	-	
PAINTCOM	22 : 6,500-34,999		6	25,000	0:40:33.0	-0.0500	-	0.0000	١	-	-	
PAINTCOM	23 : 35,000-126,499		1	-	0:00:00.0)	-			-	-	
PAINTCOM	24: 126,500 & above		2	2,280	0:11:07.0	-0.0600	-	0.0000)	-	-	
PHARMDEKO	21 : 0-6,499		7	10,060	0:00:00.0	0.0000	10,060	0.0000		-	-	
PORTPAINT	21 : 0-6,499		8	1,300	0:00:00.0	0.2000	1,300	0.2000)	-	-	
PORTPAINT	22 : 6,500-34,999		3	10,000	0:00:00.0	0.0000	10,000	0.0000)	-	-	
PORTPAINT	23 : 35,000-126,499		1	-	0:00:00.0)	-			-	-	
PRESCO	21 : 0-6,499	27	0	297,158	0:15:47.3	0.0471	196,603	0.8456)	-	12,735	0.2020
PRESCO	22 : 6,500-34,999	10	8	865,422	0:15:04.7	1.2373	490,894	0.9498	}	-	96,266	0.3955
PRESCO	23 : 35,000-126,499	3	7 1	,333,514	0:03:14.3	-0.7053	928,756	0.4277	,	-	199,166	0.0624
PRESCO	24: 126,500 & above		6 1	,560,884	0:00:01.9	-0.8343	1,360,884	5.3394		-	1,139,901	2.4955
PRESTIGE	21 : 0-6,499	1	1	21,530	0:00:00.0	0.0000	21,530	0.0000	1	-		
PRESTIGE	22 : 6,500-34,999		6	144,550	0:22:51.0	0.0000	144,550	0.0000)	-	-	

Guidance:

Order Execution Summary over Market Maker Stocks

Page 20



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
-	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
PRESTIGE	23 : 35,000-126,499	6	411,761	0:39:14.2	0.0000	411,761	0.0000)	-	_	
PRESTIGE	24 : 126,500 & above	17	16,270,190	0:22:01.8	0.0000	16,270,190	0.0000)	-	-	
PZ	21 : 0-6,499	329	440,680	0:08:42.6	0.2646	282,061	0.3704	ļ	-	15,900	0.0116
PZ	22 : 6,500-34,999	290	2,187,823	0:09:54.3	-0.0424	1,378,301	0.3159)	-	136,972	0.1260
PZ	23 : 35,000-126,499	145	3,641,888	0:06:16.0	-0.0476	2,667,054	0.3756	j	-	630,613	0.0340
PZ	24: 126,500 & above	29	10,761,184	0:00:09.1	0.1440	8,235,996	0.8739)	-	6,130,000	0.1308
REDSTAREX	21 : 0-6,499	60	83,403	0:22:53.4	0.0572	56,583	0.1315	i	-	100	0.0090
REDSTAREX	22 : 6,500-34,999	45	383,152	0:12:51.1	0.0493	265,028	0.1487	,	-	46,600	0.0193
REDSTAREX	23 : 35,000-126,499	40	630,711	0:14:57.1	0.0508	339,304	0.1219)	-	85,153	0.0146
REDSTAREX	24: 126,500 & above	31	494,491	0:10:10.0	0.1196	327,841	0.2623	}	-	163,952	0.0290
REGALINS	21 : 0-6,499	2	1,100	0:00:00.0	0.0000	1,100	0.0000)	-	-	
REGALINS	22 : 6,500-34,999	1	30,000	0:00:00.0	0.0000	30,000	0.0000)	-	-	
ROADS	21 : 0-6,499	3	1,233	0:00:00.0	0.0000	1,233	0.0000)	-	-	
ROADS	22 : 6,500-34,999	3	17,000	0:00:00.0	0.0800	17,000	0.0800)	-	-	
ROYALEX	21 : 0-6,499	2	485	0:00:00.0	0.0000	485	0.0000)	-	-	

Guidance:

Order Execution Summary over Market Maker Stocks

Page 21



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
RTBRISCOE	21 : 0-6,499	3	3,000	0:00:00.0	0.0000	3,000	0.0000	١	-	-	
SCOA	21 : 0-6,499	2	2,100	0:00:00.0	0.0000	2,100	0.0000)	-	-	
SEPLAT	21 : 0-6,499	84	17,176	0:08:08.6	15.8687	15,482	19.1276	i	-	2,299	12.3035
SEPLAT	22 : 6,500-34,999	42	121,891	0:17:09.7	-0.7121	87,870	5.3090		-	12,870	0.0091
SEPLAT	23 : 35,000-126,499	12	13,243	0:02:41.1	1.8806	7,766	2.9321		-	-	
SEPLAT	24 : 126,500 & above	2	593	3:18:51.3	-9.9410	-	0.0000		-	-	
SKYEBANK	21 : 0-6,499	151	290,484	0:04:43.9	0.0119	260,970	0.0170		-	-	
SKYEBANK	22 : 6,500-34,999	126	1,462,853	0:11:01.8	0.0136	1,087,966	0.0151		-	40,000	0.0064
SKYEBANK	23 : 35,000-126,499	134	6,367,708	0:17:49.6	0.0059	4,609,746	0.0147	,	-	276,500	0.0127
SKYEBANK	24 : 126,500 & above	262	77,319,390	0:25:13.2	0.0008	53,463,067	0.0135		-	4,884,623	0.0105
SKYESHELT	21 : 0-6,499	4	160	0:00:00.0	0.0000	160	0.0000	١	-	-	
SOVRENINS	21 : 0-6,499	5	7,824	0:00:00.0	0.0000	7,824	0.0000		-	-	
STACO	21 : 0-6,499	6	11,000	0:00:00.0	0.0000	11,000	0.0000		-	-	
STACO	22 : 6,500-34,999	1	6,900	0:00:00.0	0.0000	6,900	0.0000		-	-	
STANBIC	21 : 0-6,499	311	437,034	0:11:14.1	0.3785	308,262	0.6346		-	22,601	0.4286

Guidance:

Order Execution Summary over Market Maker Stocks

Page 22



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	ition	М	larket and N	larketable Limit o	rder execu	tion information	
Security	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price Imp. (N)	Price Dis-Improved Shares	SWA Price Dis-Imp. (N
STANBIC	22 : 6,500-34,999	180	1,628,661	0:16:09.2	0.3265	972,837	0.4041	. -		66,832	0.4380
STANBIC	23 : 35,000-126,499	184	3,632,473	0:08:45.8	0.1684	2,562,082	0.4177	-		206,282	0.1167
STANBIC	24 : 126,500 & above	111	15,079,366	0:01:47.5	0.7280	11,731,637	1.6822	-		8,962,590	1.1664
STDINSURE	21 : 0-6,499	5	4,700	0:00:00.0	0.0000	4,700	0.0000	-		-	
STDINSURE	22 : 6,500-34,999	1	10,000	0:00:00.0	0.0000	10,000	0.0000	-		-	
STERLNBANK	21 : 0-6,499	102	167,800	0:07:34.9	0.0179	135,422	0.0159	-		-	-
STERLNBANK	22 : 6,500-34,999	835	11,593,679	0:06:46.8	0.0117	8,908,601	0.0118	-		-	
STERLNBANK	23 : 35,000-126,499	554	25,723,294	0:18:11.4	-0.0127	8,927,596	0.0098	-		-	
STERLNBANK	24 : 126,500 & above	431	169,478,333	0:10:08.4	0.0018	120,635,548	0.0162	200,000	0.005	15,360,365	0.0215
STUDPRESS	21 : 0-6,499	7	12,180	0:01:25.7	0.0001	12,080	0.0015	-		-	
STUDPRESS	23 : 35,000-126,499	1	10,500	0:08:57.1	0.0200	10,500	0.0200	-		-	
TANTALIZER	21 : 0-6,499	1	500	0:00:00.0	0.0000	500	0.0000	-		-	
THOMASWY	21 : 0-6,499	1	1,700	0:00:00.0	0.0000	1,700	0.0000	-		-	
TIGERBRANDS	21 : 0-6,499	648	981,051	0:14:39.3	0.0105	660,689	0.0283	-		26,222	0.0106
TIGERBRANDS	22 : 6,500-34,999	781	8,062,562	0:15:41.3	-0.0002	5,087,166	0.0291	-		176,055	0.0188

Guidance:

Order Execution Summary over Market Maker Stocks

Page 23



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Lin	nit order execu	tion information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
TIGERBRANDS	23:35,000-126,499	865	34,433,707	0:20:52.3	-0.0154	22,092,779	0.0257	,	-	1,627,318	0.0198
TIGERBRANDS	24 : 126,500 & above	416	72,874,602	0:13:08.3	-0.0058	56,025,084	0.0431		-	14,872,698	0.0283
TOTAL	21 : 0-6,499	472	240,712	0:18:42.4	0.9698	150,689	4.1640)	-	16,191	1.1530
TOTAL	22 : 6,500-34,999	73	662,759	0:09:07.6	0.0861	386,002	2.9625	į	-	73,139	2.2239
TOTAL	23 : 35,000-126,499	23	856,883	0:06:00.3	-0.9501	653,720	2.0775	į	-	224,703	0.7945
TOTAL	24: 126,500 & above	3	567,158	0:00:00.0	2.9041	567,158	2.9259)	-	-	
TOURIST	21 : 0-6,499	8	4,488	0:03:32.5	0.0673	3,488	0.1368	}	-	2,788	0.0096
TRANSCORP	21 : 0-6,499	290	558,109	0:06:46.8	0.0103	426,056	0.0116	j	-	-	
TRANSCORP	22 : 6,500-34,999	449	5,279,301	0:11:50.4	0.0053	3,507,116	0.0097	,	-	91,400	0.0084
TRANSCORP	23 : 35,000-126,499	620	21,815,876	0:15:47.9	0.0028	12,200,666	0.0085	j	-	870,354	0.0107
TRANSCORP	24: 126,500 & above	854	182,396,073	0:16:07.5	0.0007	125,536,360	0.0105	;	-	16,094,838	0.0083
TRANSEXPR	21 : 0-6,499	12	18,920	0:06:02.3	0.0209	17,170	0.0251		-	-	
TRANSEXPR	22 : 6,500-34,999	18	153,900	0:25:15.7	0.0260	125,900	0.0325	j	-	-	
TRANSEXPR	23 : 35,000-126,499	17	99,655	1:18:11.2	0.0071	62,405	0.0256	j	-	-	
TRANSEXPR	24: 126,500 & above	6	184,305	0:00:08.1	0.0579	144,880	0.0000)	-		

Guidance:

Order Execution Summary over Market Maker Stocks

Page 24



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

	Order Bucke	ets	All order	execution informa	tion	М	arket and N	1arketable Limit	order execu	ition information	
Security	Order Size Buckets	Number of	Total Executed	SWA Execution	SWA Realized	Market/ Marketable Limit	SWA Effective	Price Improved	SWA Price	Price Dis-Improved	SWA Price
	Code: Share Size Range	Orders	Shares	Speed	Spread (N)	Executed Shares	Spread (N)	Shares	Imp. (N)	Shares	Dis-Imp. (N)
TRIPPLEG	21 : 0-6,499	5	982	0:00:00.0	0.0000	982	0.0000)	-	-	
UAC-PROP	21 : 0-6,499	109	171,913	0:17:14.5	0.0383	109,458	0.0602		-	4,140	0.0075
UAC-PROP	22 : 6,500-34,999	79	632,503	0:36:56.0	0.0198	294,089	0.0607	,	-	5,500	0.0873
UAC-PROP	23 : 35,000-126,499	68	1,727,162	0:21:33.0	-0.0016	1,146,234	0.0809		-	350,659	0.0195
UAC-PROP	24: 126,500 & above	38	10,017,031	0:16:44.1	0.0137	7,367,594	0.0606		-	5,435,708	0.0309
UACN	21 : 0-6,499	348	401,049	0:10:50.3	0.0497	236,036	0.1747	,	-	20,749	0.0409
UACN	22 : 6,500-34,999	177	1,511,190	0:19:19.6	0.0786	914,228	0.2137	,	-	298,323	0.1188
UACN	23 : 35,000-126,499	79	1,978,844	0:17:08.0	0.0273	1,146,631	0.1200		-	150,000	0.0408
UACN	24: 126,500 & above	26	15,753,380	0:00:21.1	-0.0581	4,213,515	0.1492		-	1,954,419	0.1276
UBA	21 : 0-6,499	1,043	1,845,352	0:06:27.7	0.0114	1,195,580	0.0264		-	44,484	0.0173
UBA	22 : 6,500-34,999	801	10,525,333	0:08:14.7	0.0181	6,376,954	0.0236	20,0	00 0.010	00 354,994	0.0165
UBA	23 : 35,000-126,499	942	42,851,179	0:09:36.4	-0.0088	23,820,040	0.0226	j	-	2,580,569	0.0160
UBA	24: 126,500 & above	612	136,403,627	0:08:49.5	0.0439	96,888,639	0.0726	500,0	00 0.04	43 41,836,275	0.0684
UBN	21 : 0-6,499	361	398,073	0:11:02.6	0.0647	284,416	0.0946	<u> </u>	=	29,437	0.0714
UBN	22 : 6,500-34,999	192	1,542,147	0:18:57.2	0.0570	883,655	0.0855		-	103,458	0.0376

Guidance:

Order Execution Summary over Market Maker Stocks

Page 25



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

Security	Order Buckets		All order	execution informa	Market and Marketable Limit order execution information							
	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price		Price Dis-Improved	SWA Price
										Imp. (N)	Shares	Dis-Imp. (N)
UBN	23 : 35,000-126,499	117	3,276,275	0:24:33.2	0.0338	1,962,880	0.1031		-		413,633	0.0556
UBN	24: 126,500 & above	20	1,882,024	0:21:11.2	-0.0484	1,278,005	0.1567	,	-		1,278,005	0.0233
UCAP	21 : 0-6,499	285	502,906	0:09:52.6	0.0156	338,909	0.0268	3	1,543	0.0081	7,141	0.0096
UCAP	22 : 6,500-34,999	247	2,463,166	0:12:07.8	0.0052	1,430,746	0.0198	3	-		109,249	0.0210
UCAP	23 : 35,000-126,499	294	8,677,769	0:16:42.6	-0.0011	4,443,839	0.0211		-		711,551	0.0248
UCAP	24: 126,500 & above	233	45,625,466	0:13:52.4	0.0028	32,068,965	0.0298	3	-		8,808,993	0.0130
UHOMREIT	21 : 0-6,499	1	100	0:00:00.0	0.0000	100	0.0000)	-		-	
UNILEVER	21 : 0-6,499	349	522,605	0:03:38.4	0.6307	417,403	0.7201		-		8,280	0.0286
UNILEVER	22 : 6,500-34,999	253	2,266,646	0:04:50.4	0.4712	1,608,100	0.6089)	-		141,632	0.1325
UNILEVER	23 : 35,000-126,499	181	3,126,395	0:02:34.7	0.4937	2,233,632	0.7179)	-		519,705	0.1154
UNILEVER	24: 126,500 & above	13	1,437,782	0:08:36.6	0.0287	637,563	0.1890)	-		57,094	0.1600
UNIONDAC	21 : 0-6,499	1	3	0:00:00.0	0.0000	3	0.0000)	-		-	
UNIONDAC	22 : 6,500-34,999	1	31,400	0:00:00.0	0.0000	31,400	0.0000)	-		-	
UNITYBNK	21 : 0-6,499	49	70,411	0:17:50.7	0.0051	54,642	0.0106	j	-		-	
UNITYBNK	22 : 6,500-34,999	46	461,754	0:12:13.6	0.0087	392,121	0.0118	B	-			

Guidance:

Order Execution Summary over Market Maker Stocks

Page 26



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

Security	Order Buckets		All order	Market and Marketable Limit order execution information							
	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price Imp. (N)	Price Dis-Improved Shares	SWA Price Dis-Imp. (N)
-			Shares								
UNITYBNK	23 : 35,000-126,499	61	2,374,966	0:30:09.8	0.0041	1,743,777	0.0089	ı	-	120,000	0.0064
UNITYBNK	24: 126,500 & above	105	14,424,457	0:34:49.0	0.0045	10,205,092	0.0101		-	453,400	0.0105
UNITYKAP	21 : 0-6,499	3	1,520	0:00:00.0	0.0000	1,520	0.0000		-	-	
UNITYKAP	22 : 6,500-34,999	3	60,000	0:00:00.0	0.0000	60,000	0.0000		-	-	
UPL	21 : 0-6,499	64	70,080	0:09:34.6	-0.0067	59,665	0.0267	1	-	-	
UPL	22 : 6,500-34,999	30	403,264	0:02:05.3	0.0156	389,764	0.0556	ı	-	5,915	0.0423
UPL	23 : 35,000-126,499	11	360,145	0:02:14.2	-0.0051	310,145	0.0220		-	-	
UPL	24: 126,500 & above	2	1,136,400	0:00:13.9	0.0000	1,136,400	0.0000		-	-	
VANLEER	21 : 0-6,499	6	16,550	0:08:53.2	0.1305	16,550	0.1305		-	-	
VANLEER	22 : 6,500-34,999	8	74,000	0:01:31.0	-0.2216	54,000	0.0000		-	-	
VANLEER	23 : 35,000-126,499	1	48,000	0:06:18.2	0.8200	48,000	0.8200		-	=	
VITAFOAM	21 : 0-6,499	104	146,829	0:20:45.9	0.0307	101,660	0.0550		-	=	
VITAFOAM	22 : 6,500-34,999	113	956,831	0:23:22.5	0.0099	474,113	0.0408		-	59,350	0.0216
VITAFOAM	23 : 35,000-126,499	137	3,471,095	0:23:21.1	0.0073	2,280,880	0.0590		-	424,772	0.0306
VITAFOAM	24: 126,500 & above	32	3,070,366	0:03:17.7	0.0068	2,712,000	0.0744		-	382,000	0.0327

Guidance:

Order Execution Summary over Market Maker Stocks

Page 27



Market Execution Quality Summary: August 2017

Market Quality - Average execution speed, effective & realized spreads and price improvements/dis-improvements

Security	Order Buckets		All order	execution informa	Market and Marketable Limit order execution information							
	Order Size Buckets Code: Share Size Range	Number of Orders	Total Executed Shares	SWA Execution Speed	SWA Realized Spread (N)	Market/ Marketable Limit Executed Shares	SWA Effective Spread (N)	Price Improved Shares	SWA Price Imp		Price Dis-Improved Shares	SWA Price Dis-Imp. (N)
WAPCO	21 : 0-6,499	623	662,718	0:08:56.8		410,677			-		34,044	
WAPCO	22 : 6,500-34,999	387	3,056,115	0:09:10.8	0.1724	2,123,606	0.6390	1	-		499,210	0.2685
WAPCO	23 : 35,000-126,499	120	3,666,625	0:13:15.6	0.1395	2,557,349	0.4326	j	=		474,165	0.1071
WAPCO	24 : 126,500 & above	26	18,278,731	0:03:34.4	-0.1171	8,093,094	0.1192	!	-		150,000	0.0067
WEMABANK	21 : 0-6,499	108	163,854	0:06:19.4	0.0062	135,494	0.0094	1	-		-	
WEMABANK	22 : 6,500-34,999	109	1,211,173	0:07:45.0	0.0083	1,030,900	0.0105	i	-		10,000	0.0149
WEMABANK	23 : 35,000-126,499	64	2,975,289	0:15:11.3	0.0050	2,105,639	0.0104		-		226,000	0.0116
WEMABANK	24 : 126,500 & above	113	16,986,470	0:33:40.8	0.0020	10,970,405	0.0106	i	-		2,164,826	0.0095
ZENITHBANK	21 : 0-6,499	1,361	2,148,481	0:04:46.4	0.0453	1,465,629	0.0614		12,721	0.0418	54,919	0.0155
ZENITHBANK	22 : 6,500-34,999	826	9,524,672	0:07:38.3	0.0306	5,434,393	0.0524		15,000	0.0824	549,723	0.0276
ZENITHBANK	23 : 35,000-126,499	857	34,712,219	0:09:05.6	0.0139	18,887,437	0.0474		-		2,530,517	0.0420
ZENITHBANK	24: 126,500 & above	715	285,770,413	0:02:52.6	0.0295	188,372,563	0.0797	,	-		43,779,032	0.0816

Guidance