

V VIDHYA

From: GEETHA G
Sent: 12/08/2022 15:35
To: bhardwaj.lalit19@gmail.com
Cc: V VIDHYA; ARNAVAAZ PRINTER
Subject: ISO - SCN - SPECTRUM TECHNOPROJECTS PRIVATE LIMITED - PAN: AAOC7016F
Attachments: Annexure 1.pdf; Annexure 2- AO Communique & list of entities.pdf; A3 - AAOC7016F.xlsx; A4 - AAOC7016F.xlsx; Annexure 5.PDF
Signed By: geethag@sebi.gov.in
Importance: High

SPECTRUM TECHNOPROJECTS PRIVATE LIMITED

PAN: AAOC7016F

B-129 Gali No-5 Kh No-299 Vill-Gokulpur

Delhi – 110094.

Email Address: *bhardwaj.lalit19@gmail.com*

Show Cause Notice under Rule 4(1) of the SEBI (Procedure for Holding Inquiry and Imposing Penalties) Rules, 1995 in the matter of dealings in Illiquid Stock Options (ISO) at BSE

PART - A

1. Securities and Exchange Board of India (SEBI) has initiated Adjudication Proceedings against you (**Noticee**), under SEBI (Procedure for Holding Inquiry and Imposing Penalties) Rules, 1995 (**Adjudication Rules**) for allegedly violating Regulations 3(a),(b),(c),(d) and 4(1), 4(2)(a) of SEBI (Prohibition of Fraudulent and Unfair Trading Practices relating to Securities Markets) Regulations, 2003 (**PFUTP Regulations**), in the matter of trading in illiquid stock options at Bombay Stock Exchange Ltd. (BSE).
2. SEBI had conducted an investigation into large scale reversal of trades in Stock Options segment of the BSE during the period of April 01, 2014 to September 30, 2015 (Copy of relevant portion of Investigation Report is placed at **Annexure 1**).

3. Pursuant to investigation, it was observed that during the investigation period, there were trades executed in BSE Stock Options Segment involving reversal of buy and sell positions by clients and counterparties in the same contract (refer Paragraph 6 of Investigation Report/Annexure 1). The reversal trades involved squaring off trades (either buy or sell), with significant difference in the price. You are one among the entities who indulged in reversal trades, which allegedly created false and misleading appearance of trading thereby generated artificial volumes in the Stock Options Segment of BSE during the investigation period. The trades entered in the unique contracts were reversed on the same day with same counterparties, at a price difference which had no underlying basis and without an intention of performing it or there being a change of ownership/rights in the contracts. These factors indicate that these trades were allegedly artificial and non- genuine in nature.
4. In this connection, the undersigned was appointed as Adjudicating Officer under Section 15-I of the Securities and Exchange Board of India Act, 1992 (**SEBI Act**) to inquire into and adjudge the alleged violations by the Noticee and determine whether penalty under Section 15HA of the SEBI Act is liable to be imposed. Copy of communication appointing undersigned as Adjudicating Officer is placed at **Annexure 2**.
5. All the entities identified by the investigation including you, indulged in reversal trades. Your trade details including the trade dates, name of the counterparties, time, price and volume are available in columns **B, E/G, M, P** and **Z** respectively of the **Reversal Trade Data** placed at **Annexure 3**. Additionally, a summary of your reversal trades in the Stock Options contracts executed during the investigation period is placed at **Annexure 4**.
6. In view of the above, it is alleged that the Noticee herein, by indulging in execution of non-genuine reversal trades in Stock Options, created false and misleading appearance of trading in securities market and thereby, violated provisions of Regulation 3(a),(b),(c),(d), 4(1), 4(2)(a) of PFUTP Regulations.
7. The aforesaid alleged violations, if established, make the Noticee liable for monetary penalty under section 15HA of the SEBI Act, which reads as below:

“Penalty for fraudulent and unfair trade practices.

15HA. If any person indulges in fraudulent and unfair trade practices relating to securities, he shall be liable to a penalty which shall not be less than five lakh rupees but which may extend to twenty –five crore rupees or three times the amount of profits made out of such practices, whichever is higher.”

(Emphasis Supplied)

PART - B

8. Meanwhile, SEBI has framed the SEBI Settlement Scheme, 2022 pursuant to the Order dated May 13, 2022 passed by the Hon’ble Securities Appellate Tribunal (Annexure 5), wherein the following directions were issued to SEBI:

“17. We are, thus, of the opinion that SEBI should reconsider and seriously give a thought in coming out with a fresh scheme under Clause 26 of the Settlement Regulations, 2018. Such scheme can be a onetime scheme for this class of person. The terms of settlement should be attractive so that it could attract the noticees / entities to come forward and settle the matter which will ameliorate the harassment of penalty proceedings to the noticees and at the same time would help to clear the backlog of these pending matters before various AOs.” (Emphasis Supplied)

9. In compliance with the above directions of the Hon’ble Securities Appellate Tribunal, SEBI has introduced a onetime settlement scheme called the SEBI Settlement Scheme, 2022, in terms of Regulation 26 of the Securities and Exchange Board of India (Settlement Proceedings) Regulations, 2018 in the matter of Illiquid Stock Options. The said scheme proposes payment of Settlement Amount as per the details given below:

S No	Number of Contracts*	Settlement Amount (Rs.)
1	1-5	1,00,000/-
2	6-50	2,00,000/-
3	51 and above	5,00,000/- base amount + 10,000 per contract

* You may refer to the relevant Annexure / table of the SCN which contains a summary of the contracts you entered to determine the applicable slab for settlement.

10. The period of the SEBI Settlement Scheme, 2022 will commence on August 22, 2022 and will close on November 21, 2022, so as to provide an opportunity for settlement to the entities who have executed reversal trades in the stock options segment of BSE during the period April 01, 2014 to September 30, 2015, against whom enforcement proceedings have been initiated and are pending. In case you wish to avail the benefit of the said Scheme, you may access the details of the said Scheme, which would be available on the website of SEBI i.e. www.sebi.gov.in, during the said period.
11. Necessary application for settlement may be filed within the validity period of the scheme and payment of the settlement amount shall be made online. Additionally, for any clarification in regard to settlement scheme, you may refer to the FAQs at SEBI website or send email to scheme2022@sebi.gov.in.
12. In case you do not wish to avail of the facility under the SEBI Settlement Scheme, 2022, the adjudication proceedings in respect of the allegations contained in Part A of the SCN shall resume. Accordingly, an inquiry shall be held against you in terms of Adjudication Rules read with section 15-I of the SEBI Act, and penalty, if any, shall be imposed under section 15HA of the SEBI Act. In such case, you are called upon to file your reply within 30 days of receipt of this Show Cause Notice.

(G GEETHA)

ADJUDICATING OFFICER

Enclosures: Annexure 1 - Relevant Extract of Investigation Report

Annexure 2 - Copy of the communication appointing the Adjudicating Officer

Annexure 3 - Details of all the reversal trades of the Noticee

Annexure 4 - Summary of reversal trades of the Noticee

Annexure 5 - Copy of SAT judgment dated May 13, 2022

SPECTRUM TECHNOLOGIES PVT LTD

Annex 3

srn	TRADE DATE	SCRIPT CODE	clnt_pan	clnt_name	cp_pan	cp_name	ORDER NO	CP_ORDER NO	TRADED	ORDER TIME	CP_ORDER TIME
300270	07/08/2015	825891	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14389343355000000014	143899349355000000015	21829	13:54:50.167595	13:54:50.880244
300271	07/08/2015	825891	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14389343355000000022	143899349355000000021	22591	14:08:23.151140	14:07:54.082899
300275	07/08/2015	825891	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14389343355000000023	14389934935500000020	24808	14:08:28.154345	14:07:50.199407
302366	10/08/2015	859830	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14391188776296000013	14391188776296000010	685	13:43:04.272142	13:43:03.398126
302367	10/08/2015	859830	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14391188776296000005	14391188776296000006	11761	12:16:35.339550	12:17:42.166609
302925	10/08/2015	880553	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14391188203117000012	14391188203117000011	796	13:43:46.029964	13:43:45.062310
302926	10/08/2015	880553	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14391188203117000004	14391188203117000006	12016	12:34:41.089528	12:36:02.797815
302927	10/08/2015	880553	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14391188203117000000	14391188203117000007	12441	12:34:51.946522	12:36:31.438992
302930	10/08/2015	881393	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14391189762244000008	14391189762244000007	9187	12:29:00.911467	12:28:52.129943
302931	10/08/2015	881393	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14391189762244000001	14391189762244000010	11706	12:29:20.854971	12:29:11.790708
302932	10/08/2015	881393	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14391189762244000002	14391189762244000001	11870	12:28:02.660176	12:27:55.963588
302933	10/08/2015	881393	BHDP52618M	KUMER SINGH	BHDP52618M	KUMER SINGH	14391189762244000029	14391189762244000030	13476	13:08:55.994309	13:08:57.773887
302966	11/08/2015	822913	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392810533710000008	14392810533710000007	10797	13:49:22.891012	13:49:22.148441
302967	11/08/2015	822913	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392810533710000002	14392810533710000004	10850	13:48:05.207902	13:48:22.482138
302968	11/08/2015	822913	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392810533710000003	14392810533710000005	11276	13:48:05.207902	13:48:14.594138
302986	11/08/2015	827772	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392719306530000046	14392719306530000045	9537	13:23:26.745376	13:23:26.023037
302987	11/08/2015	827772	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392719306530000041	14392719306530000042	9656	13:22:17.617776	13:22:19.468339
302988	11/08/2015	832043	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392806553680000003	14392806553680000004	9984	13:42:22.629470	13:42:23.485041
302994	11/08/2015	832043	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392806553680000006	14392806553680000007	10588	13:43:10.349774	13:43:11.175986
302995	11/08/2015	832043	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392806553680000009	14392806553680000008	10662	13:46:30.814683	13:46:29.909782
302996	11/08/2015	832043	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392806553680000011	14392806553680000010	12034	13:46:47.122316	13:46:46.430539
303767	11/08/2015	875218	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392656037320040003	14392656037320040004	9706	13:28:23.757864	13:28:24.566238
303768	11/08/2015	875218	BHDP52618M	KUMER SINGH	BHDP52618M	KUMER SINGH	14392656037320040001	14392656037320040002	10065	13:27:24.942209	13:27:28.920122
303788	11/08/2015	877357	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392656037320040006	14392656037320040005	10404	13:37:19.945500	13:37:19.067512
303789	11/08/2015	877357	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392815012930000005	14392815012930000006	11112	13:56:21.570152	13:56:22.387784
303790	11/08/2015	877357	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392815012930000008	14392815012930000007	11117	13:56:52.868878	13:56:51.980166
303791	11/08/2015	877433	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392815012930000002	14392815012930000003	12517	13:55:49.442603	13:55:50.201130
303792	11/08/2015	877433	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392659879170040005	14392659879170040004	10297	13:39:11.997282	13:39:11.160482
303807	11/08/2015	879796	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14392659879170040001	14392659879170040002	11529	13:35:20.811001	13:35:21.783863
303808	11/08/2015	879796	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14392661781470020004	14392661781470020005	10127	13:32:24.147457	13:32:27.282453
303817	11/08/2015	883486	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	AAOCS7016F	RAVINDER SINGH	14392661781470020011	14392661781470020010	11705	13:38:16.9444052	13:38:16.127271
303818	11/08/2015	883486	CMAPS2305G	RAVINDER SINGH	CMAPS2305G	RAVINDER SINGH	1439265769656002013	1439265769656002014	11174	14:06:29.058831	14:06:30.633886
303819	11/08/2015	883486	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	1439265769656002019	1439265769656002018	11716	14:09:13.766658	14:09:13.052794
303820	11/08/2015	883486	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	1439265769656002010	1439265769656002011	12242	14:05:57.582375	14:05:59.094304
303821	11/08/2015	883486	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	1439265769656002007	1439265769656002008	12950	14:03:15.715657	14:03:16.614848
304499	12/08/2015	823996	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	AAOCS7016F	RAVINDER SINGH	14393691900160000004	14393691900160000003	11744	14:18:41.139424	14:18:40.371095
304500	12/08/2015	823996	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393691900160000007	14393691900160000008	12362	14:19:15.356979	14:19:17.450071
304501	12/08/2015	823996	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393691900160000002	14393691900160000001	12446	14:17:15.186495	14:17:13.551670
304506	12/08/2015	824427	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393542741300050004	14393542741300050003	9848	14:01:36.219811	14:01:33.033202
304507	12/08/2015	824427	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393542741300050008	14393542741300050009	11354	14:12:07.777453	14:12:10.889408
304508	12/08/2015	824427	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393542741300050005	14393542741300050006	12107	14:10:34.122551	14:10:32.591755
304822	12/08/2015	858470	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393657778000001003	14393657778000001002	11006	13:41:51.199480	13:41:47.040327
304823	12/08/2015	858470	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393657778000001004	14393657778000001005	11303	13:50:26.314840	13:50:31.419753
304898	12/08/2015	877116	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393690483900000001	14393690483900000002	13067	14:32:11.138035	14:32:21.231599
304899	12/08/2015	877116	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393690483900000006	14393690483900000005	13232	14:37:49.373111	14:37:47.575388
304912	12/08/2015	877775	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393551032070030010	14393551032070030009	13535	14:59:56.039960	14:59:54.894760
304913	12/08/2015	877775	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393551032070030005	14393551032070030006	14154	14:58:28.176301	14:58:31.710632
304915	12/08/2015	878186	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14393719735750000008	14393719735750000007	11838	15:06:22.004149	15:06:20.910675
304916	12/08/2015	878186	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14393719735750000003	14393719735750000004	12608	15:04:55.114795	15:04:57.261136
304990	13/08/2015	821926	BHDP52618M	KUMER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14394480744110000000	14394480744110000001	7450	12:11:14.411306	12:11:29.938521
304991	13/08/2015	821926	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	BHDP52618M	KUMER SINGH	14394480744110000007	14394480744110000008	9485	12:15:21.627283	12:15:38.511725
305568	13/08/2015	827772	CMAPS2305G	RAVINDER SINGH	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	14394411927320030006	14394411927320030005	8475	12:53:38.363180	12:53:37.260224
305569	13/08/2015	827772	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14394411927320030003	14394411927320030004	9002	12:41:13.229191	12:41:17.591056
305570	13/08/2015	827772	AAOCS7016F	SPECTRUM TECHNOLOGIES PRIVATE LIMITED	CMAPS2305G	RAVINDER SINGH	14394411927320030001	14394411927320030002	9322	12:40:35.505379	12:40:37.549531

TRADE TIME	ORDER LIMIT TIME	CP ORDER LIMIT TIME	TRADE TIME	LTP RATE	LTP PERCENT	TRADE VALUE	ORDER RATE	CP ORDER RATE	ORDER LIMIT RATE	ORDER LTP	CP ORDER LTP	TRADED QTY	ORDER QTY
13:54:50.880244	13:54:50.167295	13:54:50.880244	14.7	985.3	-08.53	514700.0	14.7	14.7	14.7	34.0	14.7	1000	1000
14:08:23.151140	14:08:23.151140	14:07:54.082839	33.5	18.8	127.89	266750.0	33.5	33.5	33.5	33.5	14.7	500	500
14:08:28.154345	14:08:28.154345	14:07:50.199407	94	13.3	131.29	267000.0	34.0	34.0	34.0	34.0	14.7	500	500
13:43:04.460759	13:43:04.460759	13:43:03.398126	7.1			268400.0	7.1	7.1	7.1	3.25	3.25	4000	4000
12:17:42.166609	12:16:35.399550	12:17:42.166609	3.25	3.85	-54.73	753000.0	3.25	3.25	3.25	3.25	3.25	4000	4000
13:43:46.162542	13:43:46.162542	13:43:45.062310	14			614000.0	14.0	14.0	14.0	4.0	4.0	1000	1000
12:16:02.797815	12:16:02.797815	12:16:02.797815	4.25	-9.75	-69.64	302125.0	4.25	4.25	4.25	4.25	4.25	500	500
12:36:31.438392	12:34:31.946522	12:36:31.438392	4	-0.25	-5.88	302000.0	4.0	4.0	4.0	4.0	4.0	500	500
12:29:00.911467	12:28:52.219943	12:28:52.219943	15.65	-6.98435	99.98	375650.0	15.65	15.65	15.65	15.65	15.7	1000	1000
17:29:20.854971	17:29:20.854971	17:29:11.790708	15.6	-0.05	0.32	375600.0	15.6	15.6	15.6	15.6	15.65	1000	1000
12:28:02.660176	12:28:02.660176	12:27:55.963588	15.7	0.1	0.64	375700.0	15.7	15.7	15.7	15.7	68000.0	1000	1000
13:08:57.909734	13:08:57.909734	13:08:57.909734	6.5	-9.2	-58.6	949500.0	6.5	6.5	6.5	6.5	15.6	3000	3000
13:49:22.891012	13:49:22.891012	13:49:22.148441	21.05			1471575.0	21.05	21.05	21.05	21.05	2.25	1500	1500
13:48:22.432138	13:48:05.207902	13:48:22.432138	2.25	-18.8	-86.31	481125.0	2.25	2.25	2.25	2.25	2.25	500	500
13:48:05.207902	13:48:05.207902	13:48:14.594138	2.25	0.0	0.0	962250.0	2.25	2.25	2.25	2.25	2.25	1000	1000
13:23:26.745376	13:23:26.745376	13:23:26.745376	11.35	8.85	354.0	313350.0	11.4	11.35	11.4	11.35	7.0	1000	1000
13:22:19.468339	13:22:17.617776	13:22:19.468339	7	-4.35	-38.33	907000.0	7.0	6.05	7.0	6.05	7.0	1000	1000
13:42:23.483041	13:42:22.629470	13:42:23.483041	4.15	-21.5	-88.82	1004150.0	4.15	4.15	4.15	4.15	37000.0	1000	1000
13:43:11.175986	13:43:10.349774	13:43:11.175986	4.25	0.1	2.41	502125.0	4.25	4.25	4.25	4.25	4.25	500	500
13:46:30.814683	13:46:30.814683	13:46:29.900782	18.8	14.55	342.35	1018800.0	18.85	18.8	18.85	18.8	4.25	1000	1000
13:46:47.122316	13:46:47.122316	13:46:46.430539	17.95	-0.85	-4.52	508975.0	18.0	17.95	17.95	17.95	18.8	500	500
13:28:24.566238	13:28:23.757864	13:28:24.566238	1.05			364200.0	1.05	1.0	1.05	1.0	1.05	4000	4000
13:27:28.920122	13:27:24.942709	13:27:28.920122	1	0.05	-4.76	182000.0	1.0	1.0	1.0	1.0	1.0	2000	2000
13:56:22.387784	13:56:21.70152	13:56:22.387784	3	-9.25	-75.51	705750.0	3.0	3.0	3.0	2.75	3.0	250	250
13:56:52.868878	13:56:52.868878	13:56:51.980166	18.95	15.95	531.67	1048687.5	18.95	18.95	18.95	18.95	3.0	1250	1250
13:55:50.201130	13:55:49.442603	13:55:50.201130	2.75	-16.2	-85.49	822750.0	2.75	2.75	2.75	2.75	30000.0	1000	1000
13:39:11.937282	13:39:11.937282	13:39:11.160482	8.85	0.6	-6.35	862600.0	8.85	8.85	8.85	8.85	4.2	12000	12000
13:35:21.783863	13:35:20.811001	13:35:21.783863	4.2	-4.65	-52.54	770400.0	4.2	4.2	4.2	4.2	112000.0	4000	4000
13:32:27.282453	13:32:24.147457	13:32:27.282453	0.6	-79999.4	-100.0	402400.0	0.6	0.55	0.6	0.55	80000.0	4000	4000
13:38:16.944052	13:38:16.944052	13:38:16.944052	2.85	2.25	375.0	411400.0	2.85	2.85	2.85	2.85	0.6	4000	4000
14:06:30.633836	14:06:29.058831	14:06:30.633836	0.55	-6.25	-91.91	482200.0	0.55	0.55	0.55	0.45	0.55	4000	4000
14:08:27.006864	14:08:27.006864	14:08:25.070560	4.6	4.05	736.36	998800.0	4.6	4.6	4.6	4.6	4.6	8000	8000
14:09:13.766558	14:09:13.766558	14:09:13.062794	4.55	-0.05	-1.09	498200.0	4.55	4.55	4.55	4.55	4.5	4000	4000
14:05:59.034304	14:05:57.582375	14:05:59.034304	0.45	-4.1	-90.11	481800.0	0.45	0.45	0.45	0.35	0.45	4000	4000
14:03:16.614848	14:03:16.614848	14:03:16.614848	0.35	0.1	-22.22	481400.0	0.35	0.35	0.35	0.35	16000.0	4000	4000
14:18:41.133424	14:18:41.133424	14:18:40.371095	9.3	6.6	744.44	169300.0	9.3	9.3	9.3	9.3	9.3	1000	1000
14:18:50.534776	14:18:50.534776	14:17:58.555397	9.35	0.05	0.54	169350.0	9.35	9.35	9.35	9.35	9.4	1000	1000
14:19:15.356979	14:19:15.356979	14:19:17.460071	2.65	6.7	71.66	650600.0	2.65	2.65	2.65	2.65	2.65	4000	4000
14:17:15.186495	14:17:15.186495	14:17:13.551670	9.4	6.75	254.72	338800.0	9.4	9.4	9.4	9.4	4000.0	2000	2000
14:01:36.219811	14:01:36.219811	14:01:33.033202	10.25	10.2	20400.0	781000.0	10.25	10.25	10.25	10.25	152000.0	4000	4000
14:12:10.889408	14:12:07.777453	14:12:10.889408	0.9	-9.35	-91.22	1115400.0	0.9	0.9	0.9	0.9	0.9	6000	6000
14:10:34.122551	14:10:34.122551	14:10:32.591755	10	9.1	1011.11	390000.0	10.0	10.0	10.0	10.0	10.25	2000	2000
13:41:51.198480	13:41:51.198480	13:41:47.040327	4.05	-1.2	-27.86	894300.0	4.05	4.05	4.05	4.05	2000.0	2000	2000
13:50:31.419753	13:50:31.419753	13:50:31.419753	0.9	3.15	-77.78	875400.0	0.9	0.9	0.9	4.05	4.05	6000	6000
14:32:21.231599	14:32:11.138035	14:32:21.231599	0.55			1502750.0	0.55	0.55	0.55	0.55	0.55	5000	5000
14:14:37.493731	14:14:37.493731	14:14:37.575388	6.75	6.2	1127.27	1593750.0	6.75	6.75	6.75	6.75	0.55	5000	5000
14:59:56.039960	14:59:56.039960	14:59:54.894760	2.2	0.05	-2.22	916800.0	2.2	2.2	2.2	2.2	1.0	24000	24000
14:58:31.710632	14:58:28.176301	14:58:31.710632	0.95	-1.25	-56.82	886800.0	0.95	0.95	0.95	2.25	2.25	24000	24000
15:06:22.004149	15:06:22.004149	15:06:22.004149	12.25	-0.6	-4.67	1261250.0	12.25	12.25	12.25	12.25	5.0	5000	5000
15:04:55.114795	15:04:55.114795	15:04:57.261136	4.95	7.3	-59.59	1224750.0	4.95	4.95	4.95	12.85	4.95	5000	5000
12:11:44.11306	12:11:44.11306	12:11:29.938521	1	1.1	-52.38	400500.0	1.0	1.0	1.0	1000.0	1.0	500	500
12:15:38.511725	12:15:38.511725	12:15:38.511725	5	4.0	400.0	402500.0	5.0	5.0	5.0	5.0	5.0	500	500
12:53:38.361810	12:53:38.361810	12:53:37.260224	27	16.0	145.45	1308000.0	27.0	27.0	27.0	27.0	12.1	4000	4000
12:41:17.591056	12:41:13.229191	12:41:17.591056	12.1	-14.9	-55.19	624200.0	12.1	12.1	12.1	12.0	12.0	2000	2000
12:40:37.549531	12:40:35.505379	12:40:37.549531	12	-0.1	-0.83	624000.0	12.0	12.0	12.0	1000.0	12.0	2000	2000

[illegible]

[illegible]

CP	LOCATION	ADDRESS	ORDER_AUD	CP_ORDER_AUD	ORDER_TYPE	CP_ORDER_TYPE	LOCATIONID	CP_LOCATIONID	SCRIPTNAME	EXPIRY
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	UCHI15AUG500.00CEW2	2015-08-13
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	UCHI15AUG500.00CEW2	2015-08-13
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	UCHI15AUG500.00CEW2	2015-08-13
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	UCOB15AUG60.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	UCOB15AUG60.00PE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	CESC15AUG600.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	CESC15AUG600.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	CESC15AUG600.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	VOLT15AUG310.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	VOLT15AUG310.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	VOLT15AUG310.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	VOLT15AUG310.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	BPCL15AUG960.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	BPCL15AUG960.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	BPCL15AUG960.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	BPCL15AUG960.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	HPCL15AUG1000.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	HPCL15AUG1000.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	HPCL15AUG1000.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	HPCL15AUG1000.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	HPCL15AUG1000.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	ALBK15AUG90.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	ALBK15AUG90.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	ALBK15AUG90.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	YESB15AUG820.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	YESB15AUG820.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	YESB15AUG820.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	YESB15AUG820.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	IDB15AUG60.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	IDB15AUG60.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	IDB15AUG60.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	IDB15AUG60.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	SYND15AUG100.00PE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	SYND15AUG100.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	DISH15AUG120.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	DISH15AUG120.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	DISH15AUG120.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	DISH15AUG120.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	DISH15AUG120.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	BOIL15AUG160.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	BOIL15AUG160.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	BOIL15AUG160.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	BOIL15AUG160.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	APLT15AUG185.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	APLT15AUG185.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	APLT15AUG185.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	APLT15AUG185.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	IDFC15AUG145.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	IDFC15AUG145.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	CANB15AUG300.00PE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	CANB15AUG300.00PE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	CANB15AUG300.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	IOB15AUG36.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	IOB15AUG36.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	PFCL15AUG240.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	PFCL15AUG240.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	AUPL15AUG800.00CE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	AUPL15AUG800.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	AUPL15AUG800.00CE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27
FF 407 4TH FLOOR SEWA CORPORATE PARK	GURGAON	122002 HARYANA	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27
13th Floor, Raheja Centre, Free Press Marg	MUMBAI	MAHARASHTRA 400021	A	A	L	L	1111111111111001	1111111111111001	ARV15AUG300.00PE	2015-08-27

STRIKEPRICE	SERIES	MKT_TYPE	ISIN_NO	qty
50000.0	EQD	N		1000
50000.0	EQD	N		500
50000.0	EQD	N		500
6000.0	EQD	N		4000
6000.0	EQD	N		4000
60000.0	EQD	N		1000
60000.0	EQD	N		500
60000.0	EQD	N		500
31000.0	EQD	N		1000
31000.0	EQD	N		1000
31000.0	EQD	N		1000
31000.0	EQD	N		3000
96000.0	EQD	N		1500
96000.0	EQD	N		500
96000.0	EQD	N		1000
30000.0	EQD	N		1000
30000.0	EQD	N		1000
100000.0	EQD	N		1000
100000.0	EQD	N		500
100000.0	EQD	N		1000
100000.0	EQD	N		500
9000.0	EQD	N		4000
9000.0	EQD	N		2000
9000.0	EQD	N		6000
82000.0	EQD	N		250
82000.0	EQD	N		1250
82000.0	EQD	N		1000
8000.0	EQD	N		12000
6000.0	EQD	N		17000
10000.0	EQD	N		4000
10000.0	EQD	N		4000
12000.0	EQD	N		8000
12000.0	EQD	N		4000
12000.0	EQD	N		4000
12000.0	EQD	N		4000
16000.0	EQD	N		1000
16000.0	EQD	N		1000
16000.0	EQD	N		4000
16000.0	EQD	N		2000
18500.0	EQD	N		4000
18500.0	EQD	N		6000
18500.0	EQD	N		7000
14500.0	EQD	N		6000
14500.0	EQD	N		6000
30000.0	EQD	N		5000
30000.0	EQD	N		5000
3600.0	EQD	N		24000
3600.0	EQD	N		24000
24000.0	EQD	N		5000
24000.0	EQD	N		5000
80000.0	EQD	N		500
80000.0	EQD	N		500
30000.0	EQD	N		4000
30000.0	EQD	N		2000
30000.0	EQD	N		2000

Ann-4

Index	clnt_pan	scripname	buy_quantity	buy_value	avg_buy_rate	sell_qty	sell_value	avg_sell_rate
0	AAOCS7016F	ALBK15AUG90.00CE	6000	6200	1.03	6000	25200	4.2
0	AAOCS7016F	APLT15AUG185.00CE	6000	61000	10.17	6000	5400	0.9
0	AAOCS7016F	ARV115AUG300.00PE	5000	55200	11.04	5000	119350	23.87
0	AAOCS7016F	AUPL15AUG800.00CE	500	500	1	500	2500	5
0	AAOCS7016F	BOIL15AUG160.00CE	4000	37450	9.36	4000	10600	2.65
0	AAOCS7016F	BPCL15AUG960.00CE	1500	3375	2.25	1500	31575	21.05
0	AAOCS7016F	CANB15AUG300.00PE	5000	2750	0.55	5000	33750	6.75
0	AAOCS7016F	CESC15AUG600.00CE	1000	4125	4.13	1000	14000	14
0	AAOCS7016F	DISH15AUG120.00CE	12000	5400	0.45	12000	55000	4.58
0	AAOCS7016F	HPCL15AUG1000.00CE	1500	6275	4.18	1500	27775	18.52
0	AAOCS7016F	IDBI15AUG60.00CE	12000	50400	4.2	12000	106200	8.85
0	AAOCS7016F	IDFC15AUG145.00CE	6000	24300	4.05	6000	5400	0.9
0	AAOCS7016F	IOBL15AUG36.00CE	24000	22800	0.95	24000	52800	2.2
0	AAOCS7016F	LICH15AUG500.00CEW2	1000	14700	14.7	1000	33750	33.75
0	AAOCS7016F	PFCL15AUG240.00CE	5000	24750	4.95	5000	61250	12.25
0	AAOCS7016F	SYND15AUG100.00PE	4000	2400	0.6	4000	11400	2.85
0	AAOCS7016F	UCOB15AUG60.00PE	4000	13000	3.25	4000	28400	7.1
0	AAOCS7016F	VOLT15AUG310.00CE	3000	19500	6.5	3000	46950	15.65
0	AAOCS7016F	YESB15AUG820.00CE	1250	3500	2.8	1250	23687.5	18.95

non_gen_trnx_entity_contract	total_trd_entity_contract	total_no_of_trades_of_the_cntrct	art_vol_gen_entity_in_the_cntrct
3	3	11	12000
3	3	3	12000
5	7	19	10000
2	4	9	1000
4	4	8	8000
3	3	3	3000
2	2	2	10000
3	3	3	2000
5	5	8	24000
4	4	4	3000
2	2	9	24000
2	2	4	12000
2	2	20	48000
3	3	6	2000
2	2	12	10000
2	2	2	8000
2	2	4	8000
4	4	4	6000
3	3	5	2500

total_vol_gen_by_entity_in_the_cntrct	total_vol_in_the_contract	prcnt_of_non_gen_trds_entity_total_trds_in_cntrct_entity	
12000	436000	100	
12000	12000	100	
14000	100000	71.43	
2000	6000	50	
8000	144000	100	
3000	3000	100	
10000	10000	100	
2000	2000	100	
24000	56000	100	
3000	3000	100	
24000	780000	100	
12000	52000	100	
48000	624000	100	
2000	4000	100	
10000	258000	100	
8000	8000	100	
8000	160000	100	
6000	6000	100	
2500	62500	100	

prcnt_of_non_gen_trds_entity_total_trds_in_cntrct	prcnt_of_art_vol_gen_entity_cntrct_total_vol_gen_by_entity_in_cntrct
27.27	100
100	100
26.32	71.43
22.22	50
50	100
100	100
100	100
100	100
62.5	100
100	100
22.22	100
50	100
10	100
50	100
16.67	100
100	100
50	100
100	100
60	100

prcnt_of_art_vol_gen_entity_cntct_total_vol_in_cntct	
2.75	
100	
10	
16.67	
5.56	
100	
100	
100	
42.86	
100	
3.08	
23.08	
7.69	
50	
3.88	
100	
5	
100	
4	