

Re Vermette

IN THE MATTER OF:

**The Rules of the Investment Industry Regulatory Organization
of Canada (IIROC)**

and

Raphaël Vermette

2018 IIROC 43

Hearing Panel
of the Investment Industry Regulatory Organization of Canada
(Québec District)

Hearing held on: October 23, 2018

Decision rendered on: October 23, 2018

Written decision published on: November 13, 2018

Hearing Panel:

Michel Brunet, Chair, Jean Jeannot and François Demers

Appearances:

Francis Larin, Enforcement Counsel

Robert Torralbo, Counsel for the Respondent

Raphaël Vermette, Respondent

DECISION ON SETTLEMENT AGREEMENT

The Settlement Agreement

¶ 1 A settlement agreement was signed on August 30, 2018 between Staff of IIROC (Staff) and Raphaël Vermette (the Settlement Agreement).

¶ 2 A hearing was held before a Hearing Panel to consider whether, pursuant to Rule 8215 of IIROC's Enforcement, Examination and Approval Rules, it should accept the Settlement Agreement.

¶ 3 The question that arose, essentially, concerned the adequacy of the penalties provided in the Settlement Agreement, as these appeared lenient at first glance. The Hearing Panel ruled that, to the contrary, they are entirely acceptable under the circumstances.

¶ 4 After deliberating briefly, the Hearing Panel informed the parties that it was accepting the Settlement Agreement and that the reasons would be communicated at a later date.

The contravention

¶ 5 The contravention alleged in the Settlement Agreement is as follows: "On or around November 27, 2014, the Respondent [Raphaël Vermette] entered orders that he ought reasonably to have known would create, or could reasonably be expected to create, a false or misleading appearance of trading activity in the Goodfellow Inc. (GDL) security, or an artificial bid price for this security, contrary to Rule 2.2 and Policy 2.2 of the Universal Market Integrity Rules (UMIR), for which he is liable under UMIR Rule 10.4."

The Facts

¶ 6 Raphaël Vermette has admitted that his conduct is the source of the alleged contravention, namely that he entered, canceled or amended several trading orders in the GDL security on November 27, 2014, with the goal of narrowing the gap between the National Best Offer and the National Best Bid.

Penalties stipulated in the settlement agreement

¶ 7 The arguments presented by Enforcement Counsel at the hearing pertained mainly to the penalties accepted by Raphaël Vermette in the Settlement Agreement, in light of the admitted contravention:

- a. an aggregate fine in the amount of \$5,000;
- b. costs to IIROC in the amount of \$1,000.

Acceptance of the Settlement Agreement

¶ 8 The Hearing Panel has authority to accept or reject the Settlement Agreement. It is generally agreed that a hearing panel should accept a settlement agreement as long as the penalties that it provides fall within “a reasonable range of appropriateness” (see for ex. *Re Zhang* [2013] IIROC 35). The Hearing Panel supports this principle and finds that, by virtue of the prevailing case law, the penalties proposed in the Settlement Agreement are not outside the bounds of the acceptable.

¶ 9 The Hearing Panel has taken into account the general principles set out in the Disciplinary Sanction Guidelines (the Guidelines) and in the case law, as well as the public interest. It has also taken into account the need for specific and general deterrence, along with the considerations outlined in the Guidelines, in determining whether the proposed penalties are acceptable.

Mitigating factors

¶ 10 As counsel for IIROC noted, Staff considered numerous mitigating factors. These factors, enumerated below, have greatly influenced the Hearing Panel and played a determining role in its decision to accept without reservation the penalties proposed in the Settlement Agreement. Without these factors, the penalties might doubtless have seemed to be unduly situated at the lower end of the “reasonable range of appropriateness”. Said mitigating factors are as follows:

- a. the limited number of trades at issue;
- b. the short period of the misconduct (just one day);
- c. the absence of any apparent prejudice to the market participants;
- d. the fact that Raphaël Vermette derived no financial benefit from his misconduct;
- e. the severe reprimands issued to Raphaël Vermette by his employer;
- f. the fact that Raphaël Vermette repeated the Canadian Securities Institute’s Conduct and Practices Handbook Course;
- g. the fact that Raphaël Vermette took the allegations raised by IIROC very seriously and has cooperated fully in the investigation.

Conclusion

¶ 11 Considering the mitigating factors, the Hearing Panel finds that the penalties proposed in the Settlement Agreement fall within a reasonable range of possible penalties, and accepts the Settlement Agreement.

Signed at Montréal, this 13th day of November, 2018.

Michel Brunet

Jean Jeannot

SETTLEMENT AGREEMENT

PART I - INTRODUCTION

1. The Investment Industry Regulatory Organization of Canada (IIROC) will issue a Notice of Application to announce that a settlement hearing will be held before a Hearing Panel (the Hearing Panel) to consider whether, pursuant to Rule 8215 of IIROC's Enforcement, Examination and Approval Rules, it should accept a settlement agreement (the Settlement Agreement) between Staff of IIROC (Staff) and Raphaël Vermette (the Respondent).

PART II - JOINT SETTLEMENT RECOMMENDATION

2. Staff and the Respondent jointly recommend that the Hearing Panel accept the Settlement Agreement in accordance with the terms set forth below.

PART III – AGREED FACTS

3. For purposes of the Settlement Agreement, the Respondent agrees with the facts set out in Part III of this Settlement Agreement.
4. The Respondent has been registered as a representative with IIROC since December 29, 2010.
5. The Respondent has also been registered as a portfolio manager with IIROC since July 25, 2014.
6. The Respondent has been employed with RBC Dominion Securities Inc. since around December 29, 2010.
7. On or around November 27, 2014, the Respondent solicited the following orders for the Goodfellow Inc. (GDL) security from three of his clients:
 - For client FD, the purchase of 2,000 shares in GDL at an average price of \$9.50 per share;
 - For client CL, the purchase of 1,000 shares in GDL at an average price of \$9.50 per share;
 - For client OT, the sale of 200 shares in GDL at a price ranging between \$9.45 and \$9.55 per share.
8. The accounts of these three clients were fee-based accounts, and none of them was charged a commission for buying and selling the securities.
9. Over the course of November 27, 2014, the Respondent entered, canceled or amended orders for the GDL security, as described more fully in Appendix A.
10. The buy trades in the GDL security executed by the Respondent on November 27, 2014 account for approximately 95% of the total purchase volume in this security for that day.
11. As appears from the trading activity described more fully in Appendix A and, more specifically, between 14:09:13 HRS and 14:11:25 HRS, here is an example of the trading activity in the GDL security executed by the Respondent:
 - The National Best Offer (NBO) was \$9.60 at the time;
 - The Respondent entered a sell order for 700 shares at a unit cost of \$9.50;
 - That order became the NBO;
 - The Respondent then canceled that order and immediately entered a new sell order for the same number of shares, this time at a unit cost of \$9.48;
 - That order became the new NBO;
 - The Respondent then entered a buy order for 900 shares at a unit cost of \$9.47, which became the National Best Bid (NBB);

- That order was partially executed in a sell order for 300 shares executed on a dark pool;
 - The Respondent then changed the price of his previous bid to \$9.40 and canceled his sell offer for 700 shares.
12. As appears from Appendix A, the Respondent entered, amended or canceled orders on the GDL security several times during the day of November 27, 2014, when he knew, or ought reasonably to have known, that these orders could reasonably be expected to give a false or misleading appearance of trading activity in this security, generate interest in buying or selling the security, or create an artificial price for the security.
 13. The Respondent has admitted having entered, canceled or amended numerous orders on the GDL security on November 27, 2014, in order to narrow the gap between the NBO and the NBB.
 14. The Respondent did not intend to, nor did he realize any personal gain from the above-mentioned transactions.
 15. The Respondent was subsequently reprimanded by his employer and has repeated the Canadian Securities Institute's Conduct and Practices Handbook Course.
 16. The Respondent has since taken very seriously the allegations made by IIROC and has cooperated fully in the investigation.

PART IV – CONTRAVENTIONS

17. By reason of the above-described conduct, the Respondent contravened the following Universal Market Integrity Rules (UMIR):

On or around November 27, 2014, the Respondent entered orders that he ought reasonably to have known would create, or could reasonably be expected to create, a false or misleading appearance of trading activity in the Goodfellow Inc. (GDL) security, or an artificial bid price for this security, contrary to Rule 2.2 and Policy 2.2 of the Universal Market Integrity Rules (UMIR), for which he is liable under UMIR Rule 10.4.

PART V - TERMS OF SETTLEMENT

18. The Respondent accepts the following penalties and costs:
 - a) An aggregate fine in the amount of \$5,000;
 - b) Costs to IIROC in the amount of \$1,000.
19. If the Hearing Panel accepts this Settlement Agreement, the Respondent agrees to pay the amounts referred to above within 30 days of such acceptance, unless otherwise agreed between Staff and the Respondent.

PART VI – STAFF COMMITMENT

20. If the Hearing Panel accepts the Settlement Agreement, Staff will not initiate any further action against the Respondent in relation to the facts set out in Part III and the contraventions in Part IV of this Settlement Agreement, subject to the provisions of the paragraph below.
21. If the Hearing Panel accepts this Settlement Agreement and the Respondent fails to comply with any of the terms of the Settlement Agreement, Staff may bring proceedings under Rule 8200 against the Respondent. These proceedings may be based on, but are not limited to, the facts set out in Part III of this Settlement Agreement.

PART VII – SETTLEMENT ACCEPTANCE PROCEDURE

22. The Settlement Agreement is subject to acceptance by the Hearing Panel.
23. The Settlement Agreement shall be presented to a Hearing Panel at a settlement hearing held in accordance with the procedures described in Sections 8215 and 8428, in addition to any other procedures that may be agreed upon between the parties.

24. Staff and the Respondent agree that this Settlement Agreement will form all of the agreed facts that will be submitted at the settlement hearing, unless the parties agree that additional facts should be submitted at the settlement hearing. If the Respondent does not appear at the settlement hearing, Staff may disclose additional relevant facts, if requested by the Hearing Panel.
25. If the Hearing Panel accepts the Settlement Agreement, the Respondent waives his right, under IIROC rules and any applicable legislation, to a disciplinary hearing, review or appeal.
26. If the Hearing Panel rejects the Settlement Agreement, Staff and the Respondent may enter into another settlement agreement; or Staff may proceed to a disciplinary hearing in relation to the same allegations or to related allegations.
27. The terms of this Settlement Agreement are confidential unless and until this Settlement Agreement has been accepted by the Hearing Panel.
28. The Settlement Agreement will become available to the public upon its acceptance by the Hearing Panel and IIROC will post a full copy of this Settlement Agreement on the IIROC website. IIROC will also publish a summary of the facts, contraventions, and the sanctions agreed upon in this Settlement Agreement.
29. If this Settlement Agreement is accepted, the Respondent agrees that neither he nor anyone on his behalf, will make a public statement inconsistent with this Settlement Agreement.
30. The Settlement Agreement shall become effective and binding upon the Respondent and Staff from the date of its acceptance by the Hearing Panel.

PART VIII – SIGNATURE OF THE SETTLEMENT AGREEMENT

31. This Settlement Agreement may be signed in one or more counterparts which, together, will constitute a binding agreement.
32. The fax or electronic copy of any signature will be treated as an original signature.

DATED this 27th day of August, 2018.

(s) Jean Tremblay

Jean Tremblay

Manager RBC-DS

Witness

(s) Raphaël Vermette

Raphaël Vermette

Respondent

DATED this 30th day of August, 2018.

(s) Linda Vachet

Witness

(s) Francis Larin

Francis Larin

Senior Enforcement Counsel, for Staff of IIROC

Appendix A

Table of Trading Activity on the GDL Security

Legend

NBB = National Best Bid

NBO = National Best Offer

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
FD	09:35:44.040	TSE	Order	B							9.25	2000
	09:39:05.395	CHX	Quote		0	0	TSE	9.34	9.5	TSE		
FD	09:39:05.395	TSE	OrderAmend	B							9.09	2000
	11:36:41.272	TSE	Quote		300	800	TSE	9.21	9.5	TSE		
CL	11:56:47.837	TSE	Order	B							9.35	1000
	11:56:47.837	TSE	Quote		1000	800	TSE	9.35	9.5	TSE		
	12:57:25.874	ALF	Quote		600	500	TSE	9.36	9.5	TSE		
CL	12:57:38.170	TSE	OrderAmend	B							9.1	1000
	13:28:56.243	TSE	Quote		200	800	TSE	9.23	9.5	TSE		
FD	13:40:00.758	TSE	OrderCancel	B							9.09	0
FD	13:40:00.770	CX2	Order	B							9.5	200
FD	13:40:00.770	CX2	OrderCancel	B							9.5	200
FD	13:40:00.770	CHX	Order	B							9.5	200
FD	13:40:00.770	CHX	OrderCancel	B							9.5	200
FD	13:40:00.772	TSE	Order	B							9.5	1600
FD	13:40:00.772	TSE	Trade								9.49	300
FD	13:40:00.772	TSE	Trade								9.5	800
FD	13:40:00.772	TSE	OrderCancel	B							9.5	0
	13:40:00.772	TSE	Quote		200	200	TSE	9.23	9.59	ALF		
	13:40:00.773	TMS	ReferencePricing								9.5	
	13:40:00.774	ALF	ReferencePricing								9.5	
FD	13:40:00.781	TSE	Order	B							9.5	900

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:40:00.781	TSE	Quote		900	200	TSE	9.5	9.59	ALF		
	13:40:01.074	TSE	OrderCancel								9.24	0
	13:40:01.074	CHX	OrderCancel								9.23	200
	13:40:01.074	CHX	Quote		0	0	TSE	9.5	9.59	ALF		
	13:40:01.075	TSE	OrderAmend								9.23	200
	13:40:01.075	TSE	OrderAmend								8.96	400
	13:40:01.076	TSE	OrderCancel								9.23	0
	13:40:02.166	ALF	OrderAmend								9.24	500
	13:40:02.166	ALF	Quote		500	500	TSE	9.5	9.59	ALF		
	13:40:03.674	ALF	OrderAmend								9.69	500
	13:40:03.674	ALF	Quote		500	500	TSE	9.5	9.6	TSE		
FD	13:40:23.937	TSE	OrderAmend	B							9.25	900
	13:40:23.937	TSE	Quote		900	200	TSE	9.25	9.6	TSE		
	13:40:23.941	ALF	OrderAmend								9.26	600
	13:40:23.941	ALF	Quote		600	500	ALF	9.26	9.6	TSE		
	13:40:24.046	TSE	Order								9.26	300
	13:40:24.047	TSE	Order								9.59	300
	13:40:26.497	ALF	OrderAmend								9.11	500
	13:40:27.045	TSE	OrderAmend								8.98	200
	13:40:27.045	TSE	OrderAmend								8.72	400
	13:42:45.928	CHX	Order								9.26	200
	13:42:45.928	CHX	Quote		200	0	CHX	9.26	9.6	TSE		
	13:42:45.929	TSE	Order								9.26	200
	13:42:45.929	TSE	Quote		200	200	TSE	9.26	9.6	TSE		
	13:42:46.045	TSE	OrderAmend								9.27	300
	13:45:26.777	CHX	Order								9.27	200
	13:45:26.777	CHX	Quote		200	0	CHX	9.27	9.6	TSE		
	13:45:26.785	CHX	OrderCancel								9.26	200

Client												
	13:45:26.785	CHX	Order								9.28	200
	13:45:26.785	CHX	Quote		200	0	CHX	9.28	9.6	TSE		
	13:45:26.786	ALF	OrderAmend								9.28	600
	13:45:26.786	ALF	Quote		600	500	ALF	9.28	9.6	TSE		
	13:45:26.786	TSE	OrderCancel								9.26	0
	13:45:26.786	TSE	Quote		900	200	ALF	9.28	9.6	TSE		
	13:45:26.786	TSE	Order								9.28	200
	13:45:26.786	TSE	Quote		200	200	ALF	9.28	9.6	TSE		
	13:45:27.072	TSE	OrderAmend								9.29	300
	13:45:27.444	CHX	OrderAmend								9.29	200
	13:45:27.444	CHX	Quote		200	0	CHX	9.29	9.6	TSE		
	13:45:27.450	CHX	OrderCancel								9.28	200
	13:45:27.450	CHX	Order								9.3	200
	13:45:27.450	CHX	Quote		200	0	CHX	9.3	9.6	TSE		
	13:45:27.451	ALF	OrderAmend								9.3	300
	13:45:27.451	ALF	Quote		300	500	ALF	9.3	9.6	TSE		
	13:45:27.451	TSE	OrderCancel								9.28	0
	13:45:27.451	TSE	Quote		900	200	ALF	9.3	9.6	TSE		
	13:45:27.452	TSE	Order								9.3	200
	13:45:27.452	TSE	Quote		200	200	TSE	9.3	9.6	TSE		
	13:45:27.466	CHX	OrderAmend								9.31	100
	13:45:27.466	CHX	Quote		100	0	CHX	9.31	9.6	TSE		
	13:45:27.471	CHX	OrderCancel								9.3	200
	13:45:27.471	CHX	Order								9.31	200
	13:45:27.471	CHX	Quote		300	0	CHX	9.31	9.6	TSE		
	13:45:27.472	ALF	OrderAmend								9.31	300
	13:45:27.472	ALF	Quote		300	500	ALF	9.31	9.6	TSE		
	13:45:27.472	TSE	OrderCancel								9.3	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:45:27.472	TSE	Quote		900	200	ALF	9.31	9.6	TSE		
	13:45:27.472	TSE	Order								9.31	200
	13:45:27.472	TSE	Quote		200	200	ALF	9.31	9.6	TSE		
	13:45:27.487	CHX	OrderAmend								9.32	100
	13:45:27.487	CHX	Quote		100	0	CHX	9.32	9.6	TSE		
	13:45:27.494	CHX	OrderCancel								9.31	200
	13:45:27.495	CHX	Order								9.32	200
	13:45:27.495	CHX	Quote		300	0	CHX	9.32	9.6	TSE		
	13:45:27.496	ALF	OrderAmend								9.32	300
	13:45:27.496	ALF	Quote		300	500	ALF	9.32	9.6	TSE		
	13:45:27.496	TSE	OrderCancel								9.31	0
	13:45:27.496	TSE	Quote		900	200	ALF	9.32	9.6	TSE		
	13:45:27.496	TSE	Order								9.32	200
	13:45:27.496	TSE	Quote		200	200	ALF	9.32	9.6	TSE		
	13:45:27.510	CHX	OrderAmend								9.33	100
	13:45:27.510	CHX	Quote		100	0	CHX	9.33	9.6	TSE		
	13:45:27.515	CHX	OrderCancel								9.32	200
	13:45:27.515	CHX	Order								9.33	200
	13:45:27.515	CHX	Quote		300	0	CHX	9.33	9.6	TSE		
	13:45:27.516	ALF	OrderAmend								9.33	300
	13:45:27.516	ALF	Quote		300	500	ALF	9.33	9.6	TSE		
	13:45:27.516	TSE	OrderCancel								9.32	0
	13:45:27.516	TSE	Quote		900	200	ALF	9.33	9.6	TSE		
	13:45:27.516	TSE	Order								9.33	200
	13:45:27.516	TSE	Quote		200	200	ALF	9.33	9.6	TSE		
	13:45:28.045	TSE	OrderAmend								9.34	300
	13:45:29.426	ALF	OrderAmend								9.26	500
	13:55:14.175	TSE	Order								9.34	100

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:55:14.175	TSE	Quote		100	200	TSE	9.34	9.6	TSE		
	13:55:14.179	CHX	OrderCancel								9.33	200
	13:55:14.179	CHX	Quote		100	0	TSE	9.34	9.6	TSE		
	13:55:14.179	CHX	Order								9.34	200
	13:55:14.179	CHX	Quote		200	0	CHX	9.34	9.6	TSE		
	13:55:14.180	ALF	OrderAmend								9.34	300
	13:55:14.180	ALF	Quote		300	500	ALF	9.34	9.6	TSE		
	13:55:14.180	TSE	OrderCancel								9.33	0
	13:55:14.181	TSE	Order								9.34	200
	13:55:14.181	TSE	Quote		300	200	TSE	9.34	9.6	TSE		
	13:55:14.189	CHX	OrderAmend								9.35	100
	13:55:14.189	CHX	Quote		100	0	CHX	9.35	9.6	TSE		
	13:55:14.202	CHX	OrderCancel								9.34	200
	13:55:14.202	CHX	Order								9.35	200
	13:55:14.202	CHX	Quote		300	0	CHX	9.35	9.6	TSE		
	13:55:14.203	ALF	OrderAmend								9.35	300
	13:55:14.203	ALF	Quote		300	500	ALF	9.35	9.6	TSE		
	13:55:14.204	TSE	OrderCancel								9.34	0
	13:55:14.204	TSE	Quote		100	200	ALF	9.35	9.6	TSE		
	13:55:14.204	TSE	Order								9.35	200
	13:55:14.204	TSE	Quote		200	200	TSE	9.35	9.6	TSE		
	13:55:14.219	CHX	OrderAmend								9.36	100
	13:55:14.219	CHX	Quote		100	0	CHX	9.36	9.6	TSE		
	13:55:14.224	CHX	OrderCancel								9.35	200
	13:55:14.224	CHX	Order								9.36	200
	13:55:14.224	CHX	Quote		300	0	CHX	9.36	9.6	TSE		
	13:55:14.225	ALF	OrderAmend								9.36	300
	13:55:14.225	ALF	Quote		300	500	ALF	9.36	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:55:14.225	TSE	OrderCancel								9.35	0
	13:55:14.225	TSE	Quote		100	200	ALF	9.36	9.6	TSE		
	13:55:14.226	TSE	Order								9.36	200
	13:55:14.226	TSE	Quote		200	200	TSE	9.36	9.6	TSE		
	13:55:14.563	TSE	OrderAmend								9.37	100
	13:55:14.563	TSE	Quote		100	200	TSE	9.37	9.6	TSE		
	13:55:14.577	CHX	OrderCancel								9.36	100
	13:55:14.577	CHX	Quote		200	0	TSE	9.37	9.6	TSE		
	13:55:14.948	CHX	OrderCancel								9.36	200
	13:55:14.948	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	13:55:14.948	CHX	Order								9.37	200
	13:55:14.948	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	13:55:14.949	TSE	OrderCancel								9.36	0
	13:55:14.950	ALF	Order								9.37	200
	13:55:14.950	ALF	Quote		200	500	ALF	9.37	9.6	TSE		
	13:55:14.965	TSE	OrderCancel								9.37	0
	13:55:14.965	TSE	Quote		900	200	ALF	9.37	9.6	TSE		
	13:55:14.980	CHX	Order								9.26	200
	13:55:14.982	TSE	Order								9.26	200
	13:55:14.982	TSE	Quote		200	200	ALF	9.37	9.6	TSE		
	13:55:14.998	CHX	OrderAmend								9.27	200
	13:55:15.046	TSE	OrderAmend								9.27	300
	13:55:19.312	ALF	OrderAmend								9.11	500
	13:55:19.398	CHX	OrderCancel								9.37	200
	13:55:19.398	CHX	Quote		200	0	ALF	9.37	9.6	TSE		
	13:55:19.398	CHX	Order								9.37	200
	13:55:19.398	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	13:55:19.399	ALF	OrderAmend								9.37	300

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:55:19.399	ALF	Quote		500	500	ALF	9.37	9.6	TSE		
	13:55:19.399	TSE	Order								9.37	200
	13:55:19.399	TSE	Quote		200	200	ALF	9.37	9.6	TSE		
	13:55:19.400	ALF	OrderCancel								9.37	0
	13:55:19.400	ALF	Quote		300	500	ALF	9.37	9.6	TSE		
	13:55:19.414	CHX	OrderCancel								9.27	200
	13:55:19.416	TSE	OrderAmend								9.38	100
	13:55:19.416	TSE	Quote		100	200	TSE	9.38	9.6	TSE		
	13:55:19.948	CHX	OrderCancel								9.37	200
	13:55:19.948	CHX	Quote		0	0	TSE	9.38	9.6	TSE		
	13:55:19.948	CHX	Order								9.38	200
	13:55:19.948	CHX	Quote		200	0	CHX	9.38	9.6	TSE		
	13:55:19.949	TSE	OrderCancel								9.37	0
	13:55:19.950	ALF	Order								9.38	200
	13:55:19.950	ALF	Quote		200	500	ALF	9.38	9.6	TSE		
	13:55:19.965	TSE	OrderCancel								9.38	0
	13:55:19.965	TSE	Quote		900	200	ALF	9.38	9.6	TSE		
	13:55:19.979	CHX	Order								9.26	200
	13:55:19.981	TSE	Order								9.26	200
	13:55:19.981	TSE	Quote		200	200	ALF	9.38	9.6	TSE		
	13:55:19.995	CHX	OrderAmend								9.27	200
	13:55:20.823	ALF	OrderAmend								9.27	500
	13:55:24.381	ALF	OrderAmend								9.11	500
FD	13:59:18.784	TSE	OrderCancel	B							9.25	0
FD	13:59:18.795	TSE	Order	B							9.4	900
	13:59:18.795	TSE	Quote		900	200	TSE	9.4	9.6	TSE		
	13:59:18.799	CHX	OrderCancel								9.27	200
	13:59:18.801	TSE	OrderCancel								9.26	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	13:59:18.817	CHX	OrderCancel								9.38	200
	13:59:18.817	CHX	Quote		0	0	TSE	9.4	9.6	TSE		
	13:59:18.817	CHX	Order								9.41	200
	13:59:18.817	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	13:59:18.818	TSE	Order								9.41	100
	13:59:18.818	TSE	Quote		100	200	TSE	9.41	9.6	TSE		
	13:59:18.820	ALF	OrderCancel								9.38	0
	13:59:18.820	ALF	Quote		300	500	TSE	9.41	9.6	TSE		
	13:59:18.820	ALF	Order								9.41	200
	13:59:18.820	ALF	Quote		200	500	ALF	9.41	9.6	TSE		
	13:59:19.044	TSE	OrderCancel								9.27	0
	13:59:19.046	TSE	OrderAmend								9.14	200
	13:59:19.046	TSE	OrderAmend								8.88	400
	13:59:19.046	TSE	Order								9.42	200
	13:59:19.193	ALF	OrderAmend								9.15	500
	13:59:40.453	CHX	OrderCancel								9.41	200
	13:59:40.453	CHX	Quote		0	0	ALF	9.41	9.6	TSE		
	13:59:40.456	ALF	OrderCancel								9.41	0
	13:59:40.456	ALF	Quote		300	500	TSE	9.41	9.6	TSE		
	13:59:41.952	CHX	Order								9.41	200
	13:59:41.952	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	13:59:41.955	ALF	Order								9.41	200
	13:59:41.955	ALF	Quote		200	500	ALF	9.41	9.6	TSE		
FD	13:59:54.424	TSE	OrderCancel	B							9.4	0
	13:59:54.424	CHX	OrderCancel								9.41	200
	13:59:54.424	CHX	Quote		0	0	ALF	9.41	9.6	TSE		
	13:59:54.426	ALF	OrderCancel								9.41	0
	13:59:54.426	ALF	Quote		300	500	TSE	9.41	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
FD	13:59:54.435	TSE	Order	B							9.5	900
	13:59:54.435	TSE	Quote		900	200	TSE	9.5	9.6	TSE		
	13:59:54.441	TSE	OrderCancel								9.41	0
	13:59:55.046	TSE	OrderCancel								9.59	0
	14:00:55.048	TSE	OrderAmend								9.51	200
FD	14:05:08.366	TSE	OrderAmend	B							9.25	900
	14:05:08.366	TSE	Quote		900	200	ALF	9.37	9.6	TSE		
	14:05:08.381	CHX	Order								9.26	200
	14:05:08.381	CHX	Quote		200	0	ALF	9.37	9.6	TSE		
	14:05:08.383	TSE	Order								9.26	300
	14:05:08.383	TSE	Quote		300	200	ALF	9.37	9.6	TSE		
	14:05:08.383	CHX	Order								9.37	200
	14:05:08.383	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	14:05:08.384	TSE	Order								9.37	200
	14:05:08.384	TSE	Quote		200	200	TSE	9.37	9.6	TSE		
	14:05:08.399	CHX	OrderCancel								9.26	200
	14:05:08.400	CHX	OrderCancel								9.37	200
	14:05:08.400	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	14:05:08.401	TSE	OrderAmend								9.38	100
	14:05:08.401	TSE	Quote		100	200	TSE	9.38	9.6	TSE		
	14:05:08.401	TSE	OrderCancel								9.37	0
	14:05:08.405	ALF	OrderAmend								9.38	300
	14:05:08.405	ALF	Quote		300	500	ALF	9.38	9.6	TSE		
	14:05:08.419	TSE	OrderCancel								9.38	0
	14:05:08.419	TSE	Quote		900	200	ALF	9.38	9.6	TSE		
	14:05:08.433	CHX	Order								9.26	200
	14:05:08.433	CHX	Quote		200	0	ALF	9.38	9.6	TSE		
	14:05:08.434	CHX	Order								9.38	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:05:08.434	CHX	Quote		200	0	CHX	9.38	9.6	TSE		
	14:05:08.435	TSE	Order								9.26	300
	14:05:08.435	TSE	Quote		300	200	CHX	9.38	9.6	TSE		
	14:05:08.435	TSE	Order								9.38	200
	14:05:08.435	TSE	Quote		200	200	TSE	9.38	9.6	TSE		
	14:05:08.451	CHX	OrderCancel								9.26	200
	14:05:08.452	CHX	OrderCancel								9.38	200
	14:05:08.452	CHX	Quote		0	0	TSE	9.38	9.6	TSE		
	14:05:08.453	TSE	OrderAmend								9.39	100
	14:05:08.453	TSE	Quote		100	200	TSE	9.39	9.6	TSE		
	14:05:08.453	TSE	OrderCancel								9.38	0
	14:05:08.470	TSE	OrderCancel								9.39	0
	14:05:08.470	TSE	Quote		900	200	ALF	9.38	9.6	TSE		
	14:05:08.486	CHX	Order								9.26	200
	14:05:08.486	CHX	Quote		200	0	ALF	9.38	9.6	TSE		
	14:05:08.487	CHX	Order								9.38	200
	14:05:08.487	CHX	Quote		200	0	CHX	9.38	9.6	TSE		
	14:05:08.488	TSE	Order								9.26	300
	14:05:08.488	TSE	Quote		300	200	CHX	9.38	9.6	TSE		
	14:05:08.488	TSE	Order								9.38	200
	14:05:08.488	TSE	Quote		200	200	TSE	9.38	9.6	TSE		
	14:05:08.504	CHX	OrderCancel								9.26	200
	14:05:08.506	TSE	OrderAmend								9.39	100
	14:05:08.506	TSE	Quote		100	200	TSE	9.39	9.6	TSE		
	14:05:08.742	ALF	OrderAmend								9.26	500
	14:05:08.960	CHX	OrderCancel								9.38	200
	14:05:08.960	CHX	Quote		0	0	TSE	9.39	9.6	TSE		
	14:05:08.960	CHX	Order								9.39	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:05:08.960	CHX	Quote		200	0	CHX	9.39	9.6	TSE		
	14:05:08.961	TSE	OrderCancel								9.38	0
	14:05:08.963	ALF	Order								9.39	200
	14:05:08.963	ALF	Quote		200	500	ALF	9.39	9.6	TSE		
	14:05:08.978	TSE	OrderCancel								9.39	0
	14:05:08.978	TSE	Quote		900	200	ALF	9.39	9.6	TSE		
	14:05:08.994	CHX	Order								9.26	200
	14:05:08.995	TSE	Order								9.26	300
	14:05:08.995	TSE	Quote		300	200	ALF	9.39	9.6	TSE		
	14:05:09.010	CHX	OrderCancel								9.26	200
	14:05:09.047	TSE	Order								9.59	300
	14:05:09.048	TSE	OrderAmend								9.27	200
	14:05:13.318	ALF	OrderAmend								9.15	500
	14:05:14.367	CHX	Order								9.27	300
	14:05:15.046	TSE	OrderAmend								8.99	200
	14:05:15.046	TSE	OrderAmend								8.73	400
	14:05:17.860	ALF	OrderAmend								9.11	500
	14:06:18.327	CHX	OrderCancel								9.39	200
	14:06:18.327	CHX	Quote		300	0	ALF	9.39	9.6	TSE		
	14:06:18.328	ALF	OrderCancel								9.38	0
	14:06:18.330	ALF	OrderCancel								9.39	0
	14:06:18.330	ALF	Quote		500	500	CHX	9.27	9.6	TSE		
	14:06:18.330	TSE	Order								9.27	200
	14:06:18.330	TSE	Quote		200	200	TSE	9.27	9.6	TSE		
	14:06:18.331	ALF	Order								9.27	200
	14:06:18.331	ALF	Quote		200	500	ALF	9.27	9.6	TSE		
	14:06:18.346	CHX	OrderAmend								9.28	300
	14:06:18.346	CHX	Quote		300	0	CHX	9.28	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:06:18.347	TSE	OrderCancel								9.26	0
	14:06:18.364	CHX	Order								9.28	200
	14:06:18.364	CHX	Quote		500	0	CHX	9.28	9.6	TSE		
	14:06:18.365	TSE	Order								9.28	400
	14:06:18.365	TSE	Quote		400	200	TSE	9.28	9.6	TSE		
	14:06:18.365	TSE	OrderCancel								9.27	0
	14:06:18.366	ALF	OrderCancel								9.27	0
	14:06:18.366	ALF	Quote		500	500	TSE	9.28	9.6	TSE		
	14:06:18.367	ALF	Order								9.28	200
	14:06:18.367	ALF	Quote		200	500	ALF	9.28	9.6	TSE		
	14:06:18.379	CHX	OrderAmend								9.29	200
	14:06:18.379	CHX	Quote		200	0	CHX	9.29	9.6	TSE		
	14:06:18.381	TSE	OrderAmend								9.26	200
	14:06:18.381	TSE	Quote		200	200	CHX	9.29	9.6	TSE		
	14:06:18.395	CHX	OrderAmend								9.27	200
	14:06:18.395	CHX	Quote		200	0	CHX	9.28	9.6	TSE		
	14:06:19.407	ALF	Order								9.29	600
	14:06:19.407	ALF	Quote		600	500	ALF	9.29	9.6	TSE		
	14:06:19.963	CHX	OrderCancel								9.28	200
	14:06:19.963	CHX	Quote		200	0	ALF	9.29	9.6	TSE		
	14:06:19.963	CHX	Order								9.29	200
	14:06:19.963	CHX	Quote		200	0	CHX	9.29	9.6	TSE		
	14:06:19.964	TSE	Order								9.29	200
	14:06:19.964	TSE	Quote		200	200	TSE	9.29	9.6	TSE		
	14:06:19.965	ALF	OrderCancel								9.28	0
	14:06:19.979	CHX	OrderAmend								9.3	200
	14:06:19.979	CHX	Quote		200	0	CHX	9.3	9.6	TSE		
	14:06:19.980	TSE	OrderCancel								9.26	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:06:19.984	CHX	OrderCancel								9.29	200
	14:06:19.984	CHX	Order								9.31	200
	14:06:19.984	CHX	Quote		200	0	CHX	9.31	9.6	TSE		
	14:06:19.985	ALF	OrderAmend								9.31	300
	14:06:19.985	ALF	Quote		300	500	ALF	9.31	9.6	TSE		
	14:06:19.985	TSE	OrderCancel								9.29	0
	14:06:19.985	TSE	Quote		900	200	ALF	9.31	9.6	TSE		
	14:06:19.985	TSE	Order								9.31	200
	14:06:19.985	TSE	Quote		200	200	ALF	9.31	9.6	TSE		
	14:06:19.998	TSE	Order								9.3	300
	14:06:20.000	CHX	OrderAmend								9.32	100
	14:06:20.000	CHX	Quote		100	0	CHX	9.32	9.6	TSE		
	14:06:20.013	CHX	OrderCancel								9.32	100
	14:06:20.013	CHX	Quote		200	0	CHX	9.31	9.6	TSE		
	14:06:20.013	CHX	OrderCancel								9.31	200
	14:06:20.013	CHX	Quote		0	0	ALF	9.31	9.6	TSE		
	14:06:20.013	CHX	Order								9.32	200
	14:06:20.013	CHX	Quote		200	0	CHX	9.32	9.6	TSE		
	14:06:20.014	TSE	OrderAmend								9.32	200
	14:06:20.014	TSE	Quote		200	200	TSE	9.32	9.6	TSE		
	14:06:20.014	TSE	OrderCancel								9.31	0
	14:06:20.016	ALF	Order								9.32	200
	14:06:20.016	ALF	Quote		200	500	ALF	9.32	9.6	TSE		
	14:06:20.032	TSE	OrderAmend								9.26	200
	14:06:20.032	TSE	Quote		200	200	ALF	9.32	9.6	TSE		
	14:06:20.041	CHX	OrderCancel								9.32	200
	14:06:20.041	CHX	Quote		0	0	ALF	9.32	9.6	TSE		
	14:06:20.042	ALF	OrderAmend								9.33	300

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:06:20.042	ALF	Quote		300	500	ALF	9.33	9.6	TSE		
	14:06:20.043	ALF	OrderCancel								9.32	0
	14:06:20.046	CHX	Order								9.27	200
	14:06:20.046	CHX	Quote		200	0	ALF	9.33	9.6	TSE		
	14:06:20.047	CHX	Order								9.33	200
	14:06:20.047	CHX	Quote		200	0	CHX	9.33	9.6	TSE		
	14:06:20.048	TSE	Order								9.33	200
	14:06:20.048	TSE	Quote		200	200	TSE	9.33	9.6	TSE		
	14:06:20.063	CHX	OrderCancel								9.27	200
	14:06:20.065	TSE	OrderAmend								9.34	100
	14:06:20.065	TSE	Quote		100	200	TSE	9.34	9.6	TSE		
	14:06:20.068	CHX	OrderCancel								9.33	200
	14:06:20.068	CHX	Quote		0	0	TSE	9.34	9.6	TSE		
	14:06:20.068	CHX	Order								9.34	200
	14:06:20.068	CHX	Quote		200	0	CHX	9.34	9.6	TSE		
	14:06:20.069	ALF	OrderAmend								9.34	300
	14:06:20.069	ALF	Quote		300	500	ALF	9.34	9.6	TSE		
	14:06:20.069	TSE	OrderCancel								9.33	0
	14:06:20.069	TSE	Order								9.34	200
	14:06:20.069	TSE	Quote		300	200	ALF	9.34	9.6	TSE		
	14:06:20.775	ALF	OrderAmend								9.26	500
	14:07:21.049	TSE	OrderAmend								9.35	200
OT	14:09:13.885	TSE	Order	O							9.5	700
	14:09:13.885	TSE	Quote		300	700	TSE	9.34	9.5	TSE		
dark	14:09:14.047	TSE	OrderAmend								9.49	300
	14:09:14.277	ALF	OrderAmend								9.64	500
	14:09:14.277	ALF	Quote		300	500	ALF	9.34	9.5	TSE		
	14:09:14.770	ALF	OrderAmend								9.59	500

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:09:14.770	ALF	Quote		300	500	ALF	9.34	9.5	TSE		
	14:09:17.966	CHX	OrderCancel								9.34	200
	14:09:17.966	CHX	Quote		0	0	ALF	9.34	9.5	TSE		
	14:09:17.967	TSE	OrderCancel								9.34	0
	14:09:17.967	TSE	Quote		100	700	TSE	9.34	9.5	TSE		
	14:09:17.982	TSE	OrderAmend								9.26	100
	14:09:17.982	TSE	Quote		100	700	ALF	9.34	9.5	TSE		
	14:09:18.046	TSE	OrderAmend								9.27	200
	14:09:20.890	ALF	OrderAmend								9.11	500
	14:09:24.603	CHX	Order								9.26	200
	14:09:24.603	CHX	Quote		200	0	ALF	9.34	9.5	TSE		
	14:09:24.604	ALF	OrderAmend								9.26	300
	14:09:24.604	ALF	Quote		300	500	ALF	9.26	9.5	TSE		
	14:09:24.606	ALF	Order								9.26	200
	14:09:24.606	ALF	Quote		500	500	ALF	9.26	9.5	TSE		
OT	14:09:35.089	TSE	OrderCancel	O							9.5	0
	14:09:35.089	TSE	Quote		100	200	TSE	9.26	9.59	ALF		
OT	14:09:35.102	TSE	Order	O							9.48	700
	14:09:35.102	TSE	Quote		100	700	TSE	9.26	9.48	TSE		
	14:09:35.115	CHX	Order								9.27	200
	14:09:35.115	CHX	Quote		200	0	CHX	9.27	9.48	TSE		
	14:09:35.116	TSE	OrderCancel								9.26	0
	14:09:35.116	TSE	Quote		900	700	CHX	9.27	9.48	TSE		
	14:09:35.127	CHX	OrderCancel								9.27	200
	14:09:35.127	CHX	Quote		200	0	CHX	9.26	9.48	TSE		
	14:09:35.129	ALF	OrderAmend								9.28	300
	14:09:35.129	ALF	Quote		300	500	ALF	9.28	9.48	TSE		
	14:09:35.132	CHX	OrderCancel								9.26	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:09:35.132	CHX	Quote		0	0	ALF	9.28	9.48	TSE		
	14:09:35.132	CHX	Order								9.28	200
	14:09:35.132	CHX	Quote		200	0	CHX	9.28	9.48	TSE		
	14:09:35.133	TSE	Order								9.26	100
	14:09:35.133	TSE	Quote		100	700	CHX	9.28	9.48	TSE		
	14:09:35.133	TSE	Order								9.28	200
	14:09:35.133	TSE	Quote		200	700	TSE	9.28	9.48	TSE		
	14:09:35.135	ALF	OrderCancel								9.26	0
	14:09:35.149	TSE	OrderAmend								9.29	100
	14:09:35.149	TSE	Quote		100	700	TSE	9.29	9.48	TSE		
	14:09:35.152	ALF	OrderAmend								9.29	300
	14:09:35.152	ALF	Quote		300	500	ALF	9.29	9.48	TSE		
	14:09:35.152	CHX	OrderCancel								9.28	200
	14:09:35.152	CHX	Quote		0	0	ALF	9.29	9.48	TSE		
	14:09:35.152	CHX	Order								9.29	200
	14:09:35.152	CHX	Quote		200	0	ALF	9.29	9.48	TSE		
	14:09:35.153	TSE	OrderCancel								9.28	0
	14:09:35.153	TSE	Order								9.29	200
	14:09:35.153	TSE	Quote		300	700	TSE	9.29	9.48	TSE		
	14:09:35.166	TSE	OrderAmend								9.3	100
	14:09:35.166	TSE	Quote		100	700	TSE	9.3	9.48	TSE		
	14:09:35.169	ALF	OrderAmend								9.3	300
	14:09:35.169	ALF	Quote		300	500	ALF	9.3	9.48	TSE		
	14:09:35.169	TSE	OrderCancel								9.29	0
	14:09:35.169	CHX	OrderCancel								9.29	200
	14:09:35.169	CHX	Quote		0	0	ALF	9.3	9.48	TSE		
	14:09:35.169	CHX	Order								9.3	200
	14:09:35.169	CHX	Quote		200	0	ALF	9.3	9.48	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:09:35.170	TSE	Order								9.3	200
	14:09:35.170	TSE	Quote		300	700	TSE	9.3	9.48	TSE		
	14:09:35.183	TSE	OrderAmend								9.31	100
	14:09:35.183	TSE	Quote		100	700	TSE	9.31	9.48	TSE		
	14:09:35.186	ALF	OrderAmend								9.31	300
	14:09:35.186	ALF	Quote		300	500	ALF	9.31	9.48	TSE		
	14:09:35.186	TSE	OrderCancel								9.3	0
	14:09:35.186	CHX	OrderCancel								9.3	200
	14:09:35.186	CHX	Quote		0	0	ALF	9.31	9.48	TSE		
	14:09:35.186	CHX	Order								9.31	200
	14:09:35.186	CHX	Quote		200	0	ALF	9.31	9.48	TSE		
	14:09:35.187	TSE	Order								9.31	200
	14:09:35.187	TSE	Quote		300	700	TSE	9.31	9.48	TSE		
	14:09:36.047	TSE	OrderAmend								9.47	300
	14:09:36.048	TSE	OrderAmend								9.32	200
	14:09:49.966	CHX	OrderCancel								9.31	200
	14:09:49.966	CHX	Quote		0	0	TSE	9.31	9.48	TSE		
	14:09:49.967	TSE	OrderCancel								9.31	0
	14:09:49.967	TSE	Quote		100	700	TSE	9.31	9.48	TSE		
	14:09:49.982	TSE	OrderAmend								9.26	100
	14:09:49.982	TSE	Quote		100	700	ALF	9.31	9.48	TSE		
	14:09:50.048	TSE	OrderAmend								9.27	200
	14:09:51.966	CHX	Order								9.31	200
	14:09:51.966	CHX	Quote		200	0	CHX	9.31	9.48	TSE		
	14:09:51.968	TSE	Order								9.31	200
	14:09:51.968	TSE	Quote		200	700	TSE	9.31	9.48	TSE		
	14:09:51.983	TSE	OrderAmend								9.32	100
	14:09:51.983	TSE	Quote		100	700	TSE	9.32	9.48	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:09:51.986	ALF	OrderAmend								9.32	300
	14:09:51.986	ALF	Quote		300	500	ALF	9.32	9.48	TSE		
	14:09:51.986	CHX	OrderCancel								9.31	200
	14:09:51.986	CHX	Quote		0	0	ALF	9.32	9.48	TSE		
	14:09:51.986	CHX	Order								9.32	200
	14:09:51.986	CHX	Quote		200	0	ALF	9.32	9.48	TSE		
	14:09:51.987	TSE	OrderCancel								9.31	0
	14:09:51.987	TSE	Order								9.32	200
	14:09:51.987	TSE	Quote		300	700	TSE	9.32	9.48	TSE		
	14:09:51.999	TSE	OrderAmend								9.33	100
	14:09:51.999	TSE	Quote		100	700	TSE	9.33	9.48	TSE		
	14:09:52.047	TSE	OrderAmend								9.34	200
	14:09:52.467	CHX	OrderCancel								9.32	200
	14:09:52.467	CHX	Quote		0	0	TSE	9.33	9.48	TSE		
	14:09:52.467	CHX	Order								9.33	200
	14:09:52.467	CHX	Quote		200	0	CHX	9.33	9.48	TSE		
	14:09:52.468	TSE	OrderCancel								9.32	0
	14:09:52.469	ALF	Order								9.33	200
	14:09:52.469	ALF	Quote		200	500	ALF	9.33	9.48	TSE		
	14:09:52.484	TSE	OrderAmend								9.26	100
	14:09:52.484	TSE	Quote		100	700	ALF	9.33	9.48	TSE		
	14:09:52.804	ALF	OrderAmend								9.26	500
	14:09:53.045	TSE	OrderAmend								9.27	200
	14:09:56.859	ALF	OrderAmend								9.11	500
	14:10:00.967	CHX	OrderCancel								9.33	200
	14:10:00.967	CHX	Quote		0	0	ALF	9.33	9.48	TSE		
	14:10:00.970	ALF	OrderCancel								9.33	0
dark	14:09:36:047	TSE	OrderAmend	O							9.47	300

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:10:00.970	ALF	Quote		300	500	ALF	9.32	9.48	TSE		
FD	14:10:03.606	TSE	OrderCancel	B							9.25	0
FD	14:10:03.618	TSE	Order	B							9.47	900
FD	14:10:03.618	TSE	Trade								9.47	300
	14:10:03.618	TSE	Quote		600	700	TSE	9.47	9.48	TSE		
	14:10:03.619	TMS	ReferencePricing								9.47	
	14:10:03.621	ALF	ReferencePricing								9.47	
	14:10:03.622	TSE	OrderCancel								9.26	0
	14:10:03.624	TSE	OrderCancel								9.27	0
	14:10:03.799	ALF	OrderAmend								9.32	600
	14:10:03.799	ALF	Quote		600	500	TSE	9.47	9.48	TSE		
	14:10:11.047	TSE	OrderAmend								9.2	200
	14:10:11.047	TSE	OrderAmend								8.93	400
	14:10:11.576	ALF	OrderAmend								9.21	500
FD	14:10:25.641	TSE	OrderAmend	B							9.4	600
	14:10:25.641	TSE	Quote		600	700	TSE	9.4	9.48	TSE		
	14:10:25.646	ALF	OrderAmend								9.41	300
	14:10:25.646	ALF	Quote		300	500	ALF	9.41	9.48	TSE		
	14:10:28.405	ALF	OrderAmend								9.4	300
	14:10:28.405	ALF	Quote		300	500	ALF	9.4	9.48	TSE		
OT	14:11:07.441	TSE	OrderAmend	O							9.55	700
	14:11:07.441	TSE	Quote		600	700	TSE	9.4	9.55	TSE		
	14:11:07.457	TSE	Order								9.41	100
	14:11:07.457	TSE	Quote		100	700	TSE	9.41	9.55	TSE		
	14:11:10.393	ALF	OrderAmend								9.64	500
	14:11:10.393	ALF	Quote		300	500	TSE	9.41	9.55	TSE		
	14:11:20.965	ALF	OrderAmend								9.41	300
	14:11:20.965	ALF	Quote		300	500	ALF	9.41	9.55	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
OT	14:11:25.965	TSE	OrderCancel	O							9.55	0
	14:11:25.965	TSE	Quote		100	200	TSE	9.41	9.6	TSE		
	14:11:26.469	CHX	Order								9.41	200
	14:11:26.469	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	14:11:26.471	TSE	Order								9.41	200
	14:11:26.471	TSE	Quote		300	200	TSE	9.41	9.6	TSE		
	14:11:28.470	CHX	OrderCancel								9.41	200
	14:11:28.470	CHX	Quote		0	0	TSE	9.41	9.6	TSE		
	14:11:28.471	TSE	OrderCancel								9.41	0
	14:11:28.471	TSE	Quote		100	200	TSE	9.41	9.6	TSE		
	14:11:28.756	CHX	Order								9.41	200
	14:11:28.756	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	14:11:28.757	ALF	OrderAmend								9.69	500
	14:11:28.757	ALF	Quote		300	500	ALF	9.41	9.6	TSE		
	14:11:28.757	TSE	Order								9.41	200
	14:11:28.757	TSE	Quote		300	200	ALF	9.41	9.6	TSE		
	14:11:30.469	CHX	OrderCancel								9.41	200
	14:11:30.469	CHX	Quote		0	0	ALF	9.41	9.6	TSE		
	14:11:30.470	TSE	OrderCancel								9.41	0
	14:11:30.470	TSE	Quote		100	200	TSE	9.41	9.6	TSE		
	14:13:34.972	CHX	Order								9.41	200
	14:13:34.972	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	14:13:34.973	TSE	Order								9.41	200
	14:13:34.973	TSE	Quote		300	200	TSE	9.41	9.6	TSE		
	14:13:38.472	CHX	OrderCancel								9.41	200
	14:13:38.472	CHX	Quote		0	0	TSE	9.41	9.6	TSE		
	14:13:38.473	TSE	OrderCancel								9.41	0
	14:13:38.473	TSE	Quote		100	200	TSE	9.41	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
OT	14:14:34.156	TSE	Order	O							9.47	200
	14:14:34.156	TSE	Quote		100	200	TSE	9.41	9.47	TSE		
	14:14:34.781	ALF	OrderAmend								9.64	500
	14:14:34.781	ALF	Quote		300	500	ALF	9.41	9.47	TSE		
	14:14:35.812	ALF	OrderAmend								9.59	500
	14:14:35.812	ALF	Quote		300	500	ALF	9.41	9.47	TSE		
FD	14:14:56.203	TSE	OrderCancel	B							9.4	0
FD	14:14:56.214	TSE	Order	B							9.46	600
	14:14:56.214	TSE	Quote		600	200	TSE	9.46	9.47	TSE		
	14:14:56.221	TSE	OrderAmend								9.21	100
	14:14:56.234	TSE	OrderCancel								9.21	0
	14:15:32.735	ALF	OrderCancel								9.21	0
	14:15:32.738	ALF	OrderCancel								9.59	0
	14:15:32.738	ALF	Quote		300	0	TSE	9.46	9.47	TSE		
OT	14:16:34.580	TSE	OrderCancel	O							9.47	0
	14:16:34.580	TSE	Quote		600	200	TSE	9.46	9.6	TSE		
	14:16:34.597	TSE	Order								9.47	100
	14:16:34.597	TSE	Quote		100	200	TSE	9.47	9.6	TSE		
FD	14:17:15.161	TSE	OrderAmend	B							9.35	600
	14:17:15.178	TSE	OrderAmend								9.36	100
	14:17:15.178	TSE	Quote		100	200	ALF	9.41	9.6	TSE		
	14:17:16.043	TSE	Order								9.37	300
	14:17:16.044	TSE	Order								9.59	300
	14:17:17.206	ALF	OrderAmend								9.36	600
	14:17:17.206	ALF	Quote		600	0	ALF	9.36	9.6	TSE		
	14:17:32.475	CHX	Order								9.36	200
	14:17:32.475	CHX	Quote		200	0	CHX	9.36	9.6	TSE		
	14:17:32.476	TSE	Order								9.36	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:17:32.476	TSE	Quote		300	200	TSE	9.36	9.6	TSE		
	14:17:32.491	CHX	Order								9.37	200
	14:17:32.491	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	14:17:32.499	CHX	OrderCancel								9.36	200
	14:17:32.499	CHX	Order								9.38	200
	14:17:32.499	CHX	Quote		200	0	CHX	9.38	9.6	TSE		
	14:17:32.500	ALF	OrderAmend								9.38	300
	14:17:32.500	ALF	Quote		300	0	ALF	9.38	9.6	TSE		
	14:17:32.500	TSE	OrderCancel								9.36	0
	14:17:32.500	TSE	Quote		100	200	ALF	9.38	9.6	TSE		
	14:17:32.500	TSE	Order								9.38	200
	14:17:32.500	TSE	Quote		200	200	ALF	9.38	9.6	TSE		
	14:17:32.515	CHX	OrderAmend								9.39	100
	14:17:32.515	CHX	Quote		100	0	CHX	9.39	9.6	TSE		
	14:17:32.516	CHX	OrderCancel								9.38	200
	14:17:32.517	TSE	OrderAmend								9.39	100
	14:17:32.517	TSE	Quote		100	200	TSE	9.39	9.6	TSE		
	14:17:32.517	TSE	OrderCancel								9.38	0
	14:17:32.517	TSE	Order								9.39	200
	14:17:32.517	TSE	Quote		300	200	TSE	9.39	9.6	TSE		
	14:17:32.519	ALF	Order								9.39	200
	14:17:32.519	ALF	Quote		200	0	ALF	9.39	9.6	TSE		
	14:17:32.520	ALF	OrderAmend								9.39	300
	14:17:32.520	ALF	Quote		500	0	ALF	9.39	9.6	TSE		
	14:17:32.534	TSE	OrderAmend								9.4	100
	14:17:32.534	TSE	Quote		100	200	TSE	9.4	9.6	TSE		
	14:17:32.537	ALF	OrderAmend								9.4	300
	14:17:32.537	ALF	Quote		300	0	ALF	9.4	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:17:32.537	CHX	Order								9.4	200
	14:17:32.537	CHX	Quote		200	0	ALF	9.4	9.6	TSE		
	14:17:32.538	TSE	OrderCancel								9.39	0
	14:17:32.538	TSE	Order								9.4	200
	14:17:32.538	TSE	Quote		300	200	TSE	9.4	9.6	TSE		
	14:17:32.539	ALF	OrderCancel								9.39	0
	14:17:32.548	CHX	OrderCancel								9.39	100
	14:17:32.975	CHX	OrderCancel								9.4	200
	14:17:32.975	CHX	Quote		0	0	TSE	9.4	9.6	TSE		
	14:17:32.977	TSE	OrderCancel								9.4	0
	14:17:32.977	TSE	Quote		100	200	TSE	9.4	9.6	TSE		
	14:17:32.993	TSE	OrderAmend								9.36	100
	14:17:32.993	TSE	Quote		100	200	ALF	9.4	9.6	TSE		
	14:17:36.475	CHX	Order								9.4	200
	14:17:36.475	CHX	Quote		200	0	CHX	9.4	9.6	TSE		
	14:17:36.476	TSE	Order								9.4	200
	14:17:36.476	TSE	Quote		200	200	TSE	9.4	9.6	TSE		
	14:17:36.492	TSE	OrderAmend								9.41	100
	14:17:36.492	TSE	Quote		100	200	TSE	9.41	9.6	TSE		
	14:17:36.495	CHX	OrderCancel								9.4	200
	14:17:36.495	CHX	Quote		0	0	TSE	9.41	9.6	TSE		
	14:17:36.495	CHX	Order								9.41	200
	14:17:36.495	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	14:17:36.496	ALF	OrderAmend								9.41	300
	14:17:36.496	ALF	Quote		300	0	ALF	9.41	9.6	TSE		
	14:17:36.496	TSE	OrderCancel								9.4	0
	14:17:36.496	TSE	Order								9.41	200
	14:17:36.496	TSE	Quote		300	200	ALF	9.41	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:17:36.509	TSE	OrderAmend								9.36	100
	14:17:36.509	TSE	Quote		200	200	TSE	9.41	9.6	TSE		
	14:17:36.526	TSE	OrderAmend								9.42	100
	14:17:36.526	TSE	Quote		100	200	TSE	9.42	9.6	TSE		
	14:17:36.529	ALF	OrderAmend								9.42	300
	14:17:36.529	ALF	Quote		300	0	ALF	9.42	9.6	TSE		
	14:17:36.529	CHX	OrderCancel								9.41	200
	14:17:36.529	CHX	Quote		0	0	ALF	9.42	9.6	TSE		
	14:17:36.529	CHX	Order								9.42	200
	14:17:36.529	CHX	Quote		200	0	ALF	9.42	9.6	TSE		
	14:17:36.530	TSE	OrderCancel								9.41	0
	14:17:36.530	TSE	Order								9.42	200
	14:17:36.530	TSE	Quote		300	200	TSE	9.42	9.6	TSE		
	14:17:36.542	TSE	OrderAmend								9.43	100
	14:17:36.542	TSE	Quote		100	200	TSE	9.43	9.6	TSE		
	14:17:36.975	CHX	OrderCancel								9.42	200
	14:17:36.975	CHX	Quote		0	0	TSE	9.43	9.6	TSE		
	14:17:36.975	CHX	Order								9.43	200
	14:17:36.975	CHX	Quote		200	0	CHX	9.43	9.6	TSE		
	14:17:36.976	TSE	OrderCancel								9.42	0
	14:17:36.977	ALF	Order								9.43	200
	14:17:36.977	ALF	Quote		200	0	ALF	9.43	9.6	TSE		
	14:17:36.991	TSE	OrderAmend								9.36	100
	14:17:36.991	TSE	Quote		100	200	ALF	9.43	9.6	TSE		
	14:17:40.864	CHX	OrderCancel								9.43	200
	14:17:40.864	CHX	Quote		0	0	ALF	9.43	9.6	TSE		
	14:17:40.865	ALF	OrderAmend								9.43	300
	14:17:40.865	ALF	Quote		500	0	ALF	9.43	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:17:40.867	ALF	OrderCancel								9.43	0
	14:17:40.867	ALF	Quote		300	0	ALF	9.43	9.6	TSE		
	14:17:54.803	CHX	Order								9.36	200
	14:17:54.803	CHX	Quote		200	0	ALF	9.43	9.6	TSE		
	14:17:54.804	ALF	OrderAmend								9.36	600
	14:17:54.804	ALF	Quote		600	0	ALF	9.36	9.6	TSE		
	14:17:54.805	ALF	Order								9.36	200
	14:17:54.805	ALF	Quote		800	0	ALF	9.36	9.6	TSE		
	14:27:18.480	ALF	Order								9.21	500
	14:27:18.484	CHX	OrderCancel								9.36	200
	14:27:18.484	CHX	Quote		0	0	ALF	9.36	9.6	TSE		
	14:27:18.485	ALF	Order								9.69	500
	14:27:18.485	ALF	Quote		800	500	ALF	9.36	9.6	TSE		
	14:27:18.487	ALF	OrderCancel								9.36	0
	14:27:18.487	ALF	Quote		600	500	ALF	9.36	9.6	TSE		
	14:27:29.001	TSE	Order								9.36	200
	14:27:29.001	TSE	Quote		300	200	TSE	9.36	9.6	TSE		
	14:27:29.001	CHX	Order								9.36	200
	14:27:29.001	CHX	Quote		200	0	TSE	9.36	9.6	TSE		
	14:27:29.017	CHX	Order								9.37	200
	14:27:29.017	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	14:27:29.027	ALF	OrderAmend								9.38	300
	14:27:29.027	ALF	Quote		300	500	ALF	9.38	9.6	TSE		
	14:27:29.027	CHX	OrderCancel								9.36	200
	14:27:29.027	CHX	Order								9.38	200
	14:27:29.027	CHX	Quote		200	0	ALF	9.38	9.6	TSE		
	14:27:29.028	TSE	OrderCancel								9.36	0
	14:27:29.028	TSE	Quote		100	200	ALF	9.38	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:29.028	TSE	Order								9.38	200
	14:27:29.028	TSE	Quote		200	200	TSE	9.38	9.6	TSE		
	14:27:29.043	CHX	OrderCancel								9.37	200
	14:27:29.044	TSE	OrderAmend								9.39	300
	14:27:29.044	CHX	OrderCancel								9.38	200
	14:27:29.044	CHX	Quote		0	0	TSE	9.38	9.6	TSE		
	14:27:29.045	TSE	OrderAmend								9.39	100
	14:27:29.045	TSE	Quote		100	200	TSE	9.39	9.6	TSE		
	14:27:29.045	TSE	OrderCancel								9.38	0
	14:27:29.053	ALF	OrderAmend								9.39	300
	14:27:29.053	ALF	Quote		300	500	ALF	9.39	9.6	TSE		
	14:27:29.061	TSE	OrderAmend								9.36	100
	14:27:29.061	TSE	Quote		100	200	ALF	9.39	9.6	TSE		
	14:27:30.047	TSE	OrderAmend								9.37	300
	14:27:37.501	CHX	Order								9.39	200
	14:27:37.501	CHX	Quote		200	0	CHX	9.39	9.6	TSE		
	14:27:37.502	TSE	Order								9.39	200
	14:27:37.502	TSE	Quote		200	200	TSE	9.39	9.6	TSE		
	14:27:37.518	TSE	OrderAmend								9.4	100
	14:27:37.518	TSE	Quote		100	200	TSE	9.4	9.6	TSE		
	14:27:37.521	CHX	OrderCancel								9.39	200
	14:27:37.521	CHX	Quote		0	0	TSE	9.4	9.6	TSE		
	14:27:37.521	CHX	Order								9.4	200
	14:27:37.521	CHX	Quote		200	0	CHX	9.4	9.6	TSE		
	14:27:37.522	ALF	OrderAmend								9.4	300
	14:27:37.522	ALF	Quote		300	500	ALF	9.4	9.6	TSE		
	14:27:37.522	TSE	OrderCancel								9.39	0
	14:27:37.522	TSE	Order								9.4	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:37.522	TSE	Quote		300	200	ALF	9.4	9.6	TSE		
	14:27:38.045	TSE	OrderCancel								9.37	0
	14:27:38.048	TSE	Order								9.41	200
	14:27:38.501	CHX	OrderCancel								9.4	200
	14:27:38.501	CHX	Quote		0	0	ALF	9.4	9.6	TSE		
	14:27:38.502	TSE	OrderCancel								9.4	0
	14:27:38.502	TSE	Quote		100	200	TSE	9.4	9.6	TSE		
	14:27:38.520	TSE	OrderAmend								9.36	100
	14:27:38.520	TSE	Quote		100	200	ALF	9.4	9.6	TSE		
	14:27:39.045	TSE	OrderAmend								9.37	200
FD	14:27:40.490	TSE	OrderCancel	B							9.35	0
	14:27:40.502	TSE	OrderCancel								9.36	0
	14:27:40.502	TSE	Quote		200	200	ALF	9.4	9.6	TSE		
FD	14:27:40.503	TSE	Order	B							9.6	600
FD	14:27:40.503	TSE	Trade								9.59	300
FD	14:27:40.503	TSE	Trade								9.6	200
	14:27:40.503	TSE	Quote		100	200	TSE	9.6	9.65	TSE		
	14:27:40.503	CHX	Order								9.4	200
	14:27:40.503	CHX	Quote		200	0	TSE	9.6	9.65	TSE		
	14:27:40.503	CHX	OrderCancel								9.4	200
	14:27:40.503	CHX	Quote		0	0	TSE	9.6	9.65	TSE		
	14:27:40.504	TSE	Order								9.4	200
	14:27:40.504	TSE	OrderCancel								9.4	0
	14:27:40.504	TSE	OrderCancel								9.01	0
	14:27:40.505	TMS	ReferencePricing								9.6	
	14:27:40.505	CX2	Order								9.645	100
	14:27:40.505	CX2	OrderCancel								9.645	100
	14:27:40.505	TSE	OrderCancel								8.96	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:40.505	TSE	OrderCancel								9.65	0
	14:27:40.505	TSE	Quote		100	200	TSE	9.6	9.69	ALF		
	14:27:40.505	TSE	Order								9.16	200
	14:27:40.505	TSE	Order								9.11	200
	14:27:40.505	TSE	Order								9.75	200
	14:27:40.505	TSE	Order								9.8	200
	14:27:40.506	ALF	ReferencePricing								9.6	
	14:27:40.506	CHX	Order								9.645	100
	14:27:40.506	CHX	OrderCancel								9.645	100
	14:27:40.508	TSE	OrderCancel								9.37	0
	14:27:40.508	TSE	Order								9.6	100
FD	14:27:40.508	TSE	Trade								9.6	100
	14:27:40.508	TSE	Quote		200	200	ALF	9.4	9.69	ALF		
	14:27:40.520	CHX	Order								9.21	300
	14:27:40.520	CHX	Quote		300	0	ALF	9.4	9.69	ALF		
	14:27:40.522	TSE	Order								9.21	500
	14:27:40.522	TSE	Quote		500	200	ALF	9.4	9.69	ALF		
	14:27:40.522	TSE	Order								9.69	100
	14:27:40.522	TSE	Quote		500	100	ALF	9.4	9.69	TSE		
	14:27:40.537	CHX	OrderAmend								9.22	300
	14:27:40.537	CHX	Quote		300	0	ALF	9.4	9.69	TSE		
	14:27:41.070	TSE	Order								9.22	300
	14:27:41.070	TSE	Order								9.68	300
	14:27:41.071	TSE	OrderAmend								8.94	200
	14:27:41.071	TSE	OrderAmend								8.68	400
	14:27:41.071	TSE	OrderAmend								9.96	200
	14:27:41.071	TSE	OrderAmend								10.24	400
	14:27:41.071	TSE	Order								9.4	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:41.071	TSE	Quote		200	100	TSE	9.4	9.69	TSE		
	14:27:41.071	CHX	Order								9.4	200
	14:27:41.071	CHX	Quote		200	0	TSE	9.4	9.69	TSE		
	14:27:41.085	CHX	OrderCancel								9.22	300
	14:27:41.086	TSE	OrderAmend								9.17	500
	14:27:41.086	TSE	OrderCancel								9.69	0
	14:27:41.086	TSE	Quote		200	200	TSE	9.4	9.69	ALF		
	14:27:41.103	TSE	OrderAmend								9.41	100
	14:27:41.103	TSE	Quote		100	200	TSE	9.41	9.69	ALF		
	14:27:41.106	ALF	OrderAmend								9.41	300
	14:27:41.106	ALF	Quote		300	500	ALF	9.41	9.69	ALF		
	14:27:41.106	CHX	OrderCancel								9.4	200
	14:27:41.106	CHX	Quote		0	0	ALF	9.41	9.69	ALF		
	14:27:41.106	CHX	Order								9.41	200
	14:27:41.106	CHX	Quote		200	0	ALF	9.41	9.69	ALF		
	14:27:41.107	TSE	OrderCancel								9.4	0
	14:27:41.107	TSE	Order								9.41	200
	14:27:41.107	TSE	Quote		300	200	TSE	9.41	9.69	ALF		
	14:27:41.119	TSE	OrderCancel								9.41	0
	14:27:41.119	TSE	Quote		200	200	TSE	9.41	9.69	ALF		
	14:27:41.119	TSE	Order								9.69	100
	14:27:41.119	TSE	Quote		200	100	TSE	9.41	9.69	TSE		
	14:27:41.132	TSE	OrderCancel								9.69	0
	14:27:41.132	TSE	Quote		200	200	TSE	9.41	9.69	ALF		
	14:27:41.135	TSE	Order								9.42	100
	14:27:41.135	TSE	Quote		100	200	TSE	9.42	9.69	ALF		
	14:27:41.139	ALF	OrderAmend								9.42	300
	14:27:41.139	ALF	Quote		300	500	ALF	9.42	9.69	ALF		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:41.139	TSE	OrderCancel								9.41	0
	14:27:41.139	TSE	Order								9.42	200
	14:27:41.139	TSE	Quote		300	200	ALF	9.42	9.69	ALF		
	14:27:41.139	CHX	OrderCancel								9.41	200
	14:27:41.139	CHX	Quote		0	0	ALF	9.42	9.69	ALF		
	14:27:41.139	CHX	Order								9.42	200
	14:27:41.139	CHX	Quote		200	0	ALF	9.42	9.69	ALF		
	14:27:41.205	ALF	OrderAmend								9.42	600
	14:27:41.205	ALF	Quote		600	500	ALF	9.42	9.69	ALF		
	14:27:41.205	CHX	OrderCancel								9.42	200
	14:27:41.205	CHX	Quote		0	0	ALF	9.42	9.69	ALF		
	14:27:41.206	TSE	OrderCancel								9.42	0
	14:27:41.206	TSE	Quote		100	200	TSE	9.42	9.69	ALF		
	14:27:41.222	TSE	OrderCancel								9.42	0
	14:27:41.222	TSE	Quote		200	200	ALF	9.42	9.69	ALF		
	14:27:41.222	TSE	Order								9.69	100
	14:27:41.222	TSE	Quote		200	100	ALF	9.42	9.69	TSE		
	14:27:41.237	CHX	Order								9.17	300
	14:27:41.237	CHX	Quote		300	0	ALF	9.42	9.69	TSE		
	14:27:41.239	TSE	Order								9.17	500
	14:27:41.239	TSE	Quote		500	100	ALF	9.42	9.69	TSE		
	14:27:41.254	CHX	OrderCancel								9.17	300
	14:27:41.254	CHX	Quote		0	0	ALF	9.42	9.69	TSE		
	14:27:41.801	ALF	OrderAmend								9.42	300
	14:27:41.801	ALF	Quote		300	500	ALF	9.42	9.69	ALF		
	14:27:42.046	TSE	OrderAmend								9.18	300
	14:27:43.202	ALF	OrderAmend								9.22	600
	14:27:43.202	ALF	Quote		600	500	ALF	9.22	9.69	ALF		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:27:43.422	ALF	OrderAmend								9.79	500
	14:27:43.422	ALF	Quote		600	500	ALF	9.22	9.69	TSE		
	14:27:43.930	ALF	OrderAmend								9.11	500
	14:27:45.206	ALF	OrderAmend								9.18	600
	14:27:45.206	ALF	Quote		600	500	ALF	9.18	9.69	TSE		
	14:27:46.476	CHX	Order								9.18	400
	14:27:46.476	CHX	Quote		400	0	CHX	9.18	9.69	TSE		
CL	14:29:43.658	TSE	OrderCancel	B							9.1	0
CL	14:29:43.670	TSE	Order	B							9.25	1000
	14:29:43.670	TSE	Quote		1000	100	TSE	9.25	9.69	TSE		
	14:29:43.673	ALF	OrderAmend								9.26	600
	14:29:43.673	ALF	Quote		600	500	ALF	9.26	9.69	TSE		
	14:29:43.684	CHX	OrderAmend								9.26	200
	14:29:43.684	CHX	Quote		200	0	CHX	9.26	9.69	TSE		
	14:29:43.685	TSE	OrderCancel								9.69	0
	14:29:43.685	TSE	Quote		1000	200	CHX	9.26	9.7	TSE		
	14:29:43.686	TSE	OrderAmend								9.26	300
	14:29:43.686	TSE	Quote		300	200	TSE	9.26	9.7	TSE		
	14:29:43.700	CHX	OrderCancel								9.26	200
	14:29:43.700	CHX	Quote		0	0	TSE	9.26	9.7	TSE		
	14:29:44.044	TSE	OrderAmend								9.27	300
	14:29:44.044	TSE	OrderAmend								9.69	300
	14:29:44.644	ALF	OrderAmend								9.17	500
	14:29:48.849	CHX	Order								9.27	300
	14:29:48.849	CHX	Quote		300	0	CHX	9.27	9.7	TSE		
	14:29:48.858	ALF	OrderAmend								9.28	600
	14:29:48.858	ALF	Quote		600	500	ALF	9.28	9.7	TSE		
	14:30:50.008	TSE	Order								9.28	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:30:50.008	TSE	Quote		200	200	TSE	9.28	9.7	TSE		
	14:30:50.008	CHX	Order								9.28	200
	14:30:50.008	CHX	Quote		200	0	TSE	9.28	9.7	TSE		
	14:30:50.024	CHX	OrderAmend								9.29	300
	14:30:50.024	CHX	Quote		300	0	CHX	9.29	9.7	TSE		
	14:30:50.025	TSE	OrderCancel								9.26	0
	14:30:50.029	ALF	OrderAmend								9.3	600
	14:30:50.029	ALF	Quote		600	500	ALF	9.3	9.7	TSE		
	14:30:50.029	TSE	OrderCancel								9.28	0
	14:30:50.029	TSE	Quote		1000	200	ALF	9.3	9.7	TSE		
	14:30:50.029	CHX	OrderCancel								9.28	200
	14:30:50.029	CHX	Order								9.3	200
	14:30:50.029	CHX	Quote		200	0	ALF	9.3	9.7	TSE		
	14:30:50.030	TSE	Order								9.3	200
	14:30:50.030	TSE	Quote		200	200	TSE	9.3	9.7	TSE		
	14:30:50.042	TSE	Order								9.29	400
	14:30:50.044	TSE	OrderAmend								9.31	300
	14:30:50.045	CHX	OrderAmend								9.31	200
	14:30:50.045	CHX	Quote		200	0	CHX	9.31	9.7	TSE		
	14:30:50.049	CHX	OrderCancel								9.3	200
	14:30:50.049	CHX	Order								9.32	200
	14:30:50.049	CHX	Quote		200	0	CHX	9.32	9.7	TSE		
	14:30:50.050	ALF	OrderAmend								9.32	600
	14:30:50.050	ALF	Quote		600	500	ALF	9.32	9.7	TSE		
	14:30:50.050	TSE	OrderCancel								9.3	0
	14:30:50.050	TSE	Quote		400	200	ALF	9.32	9.7	TSE		
	14:30:50.050	TSE	Order								9.32	200
	14:30:50.050	TSE	Quote		200	200	ALF	9.32	9.7	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:30:50.058	TSE	OrderAmend								9.31	300
	14:30:50.065	CHX	OrderAmend								9.3	200
	14:30:50.075	TSE	OrderAmend								9.33	200
	14:30:50.075	TSE	Quote		200	200	TSE	9.33	9.7	TSE		
	14:30:50.078	ALF	OrderAmend								9.34	600
	14:30:50.078	ALF	Quote		600	500	ALF	9.34	9.7	TSE		
	14:30:50.078	CHX	OrderCancel								9.32	200
	14:30:50.078	CHX	Quote		200	0	ALF	9.34	9.7	TSE		
	14:30:50.078	CHX	Order								9.34	200
	14:30:50.078	CHX	Quote		200	0	ALF	9.34	9.7	TSE		
	14:30:50.079	TSE	OrderCancel								9.32	0
	14:30:50.079	TSE	Order								9.34	200
	14:30:50.079	TSE	Quote		200	200	TSE	9.34	9.7	TSE		
	14:30:50.090	CHX	OrderAmend								9.34	100
	14:30:50.090	CHX	Quote		300	0	CHX	9.34	9.7	TSE		
	14:30:50.091	TSE	OrderCancel								9.33	0
	14:30:50.102	CHX	OrderCancel								9.34	100
	14:30:50.102	CHX	Quote		200	0	CHX	9.34	9.7	TSE		
	14:30:50.108	TSE	Order								9.35	100
	14:30:50.108	TSE	Quote		100	200	TSE	9.35	9.7	TSE		
	14:30:50.111	CHX	OrderCancel								9.34	200
	14:30:50.111	CHX	Quote		0	0	TSE	9.35	9.7	TSE		
	14:30:50.111	CHX	Order								9.35	200
	14:30:50.111	CHX	Quote		200	0	CHX	9.35	9.7	TSE		
	14:30:50.112	ALF	OrderAmend								9.35	600
	14:30:50.112	ALF	Quote		600	500	ALF	9.35	9.7	TSE		
	14:30:50.112	TSE	OrderCancel								9.34	0
	14:30:50.112	TSE	Order								9.35	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:30:50.112	TSE	Quote		300	200	ALF	9.35	9.7	TSE		
	14:30:50.125	TSE	OrderCancel								9.35	0
	14:30:50.125	TSE	Quote		200	200	TSE	9.35	9.7	TSE		
	14:30:50.127	CHX	Order								9.36	100
	14:30:50.127	CHX	Quote		100	0	CHX	9.36	9.7	TSE		
	14:30:50.136	ALF	OrderAmend								9.36	600
	14:30:50.136	ALF	Quote		600	500	ALF	9.36	9.7	TSE		
	14:30:50.136	TSE	OrderCancel								9.35	0
	14:30:50.136	TSE	Quote		1000	200	ALF	9.36	9.7	TSE		
	14:30:50.136	TSE	Order								9.36	200
	14:30:50.136	TSE	Quote		200	200	ALF	9.36	9.7	TSE		
	14:30:50.136	CHX	OrderCancel								9.35	200
	14:30:50.136	CHX	Order								9.36	200
	14:30:50.136	CHX	Quote		300	0	ALF	9.36	9.7	TSE		
	14:30:50.142	TSE	Order								9.36	100
	14:30:50.142	TSE	Quote		300	200	TSE	9.36	9.7	TSE		
	14:30:51.044	TSE	OrderAmend								9.37	300
	14:30:51.585	ALF	OrderAmend								9.26	500
	14:30:55.002	TSE	Order								9.6	3000
	14:30:55.002	TSE	Quote		300	1000	TSE	9.36	9.6	TSE		
	14:30:55.017	CHX	OrderCancel								9.36	100
	14:30:55.017	CHX	Quote		200	0	CHX	9.36	9.6	TSE		
	14:30:55.072	TSE	OrderAmend								9.59	300
	14:30:55.115	ALF	OrderAmend								9.74	500
	14:30:55.115	ALF	Quote		600	500	ALF	9.36	9.6	TSE		
	14:30:55.627	ALF	OrderAmend								9.69	500
	14:30:55.627	ALF	Quote		600	500	ALF	9.36	9.6	TSE		
	14:30:56.045	TSE	OrderAmend								9.09	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:30:56.045	TSE	OrderAmend								8.83	400
CL	14:31:17.490	TSE	OrderCancel	B							9.25	0
CL	14:31:17.502	TSE	Order	B							9.4	1000
	14:31:17.502	TSE	Quote		1000	1000	TSE	9.4	9.6	TSE		
	14:31:17.505	ALF	OrderAmend								9.41	300
	14:31:17.505	ALF	Quote		300	500	ALF	9.41	9.6	TSE		
	14:31:17.508	TSE	OrderCancel								9.36	0
	14:31:17.508	CHX	OrderCancel								9.36	200
	14:31:17.508	CHX	Quote		0	0	ALF	9.41	9.6	TSE		
	14:31:17.508	CHX	Order								9.41	200
	14:31:17.508	CHX	Quote		200	0	CHX	9.41	9.6	TSE		
	14:31:17.509	TSE	Order								9.41	200
	14:31:17.509	TSE	Quote		200	1000	TSE	9.41	9.6	TSE		
	14:31:17.518	TSE	OrderAmend								9.41	100
	14:31:17.518	TSE	Quote		300	1000	TSE	9.41	9.6	TSE		
	14:31:18.071	TSE	OrderCancel								9.37	0
	14:31:20.477	ALF	OrderAmend								9.17	500
CL	14:32:45.189	TSE	OrderAmend	B							9.25	1000
	14:32:45.189	TSE	OrderCancel								9.41	0
	14:32:45.189	TSE	Quote		100	1000	TSE	9.41	9.6	TSE		
	14:32:45.189	CHX	OrderCancel								9.41	200
	14:32:45.189	CHX	Quote		0	0	TSE	9.41	9.6	TSE		
	14:32:45.206	TSE	OrderAmend								9.26	100
	14:32:45.206	TSE	Quote		100	1000	ALF	9.41	9.6	TSE		
	14:32:45.221	CHX	Order								9.27	200
	14:32:45.221	CHX	Quote		200	0	ALF	9.41	9.6	TSE		
	14:32:46.047	TSE	Order								9.27	300
	14:32:48.812	ALF	OrderAmend								9.28	600

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:32:48.812	ALF	Quote		600	500	ALF	9.28	9.6	TSE		
	14:32:48.812	TSE	Order								9.27	200
	14:32:48.812	TSE	Quote		200	1000	ALF	9.28	9.6	TSE		
	14:32:48.814	ALF	Order								9.27	200
	14:32:48.828	TSE	OrderCancel								9.26	0
	14:32:48.828	CHX	OrderAmend								9.28	200
	14:32:48.828	CHX	Quote		200	0	CHX	9.28	9.6	TSE		
	14:32:48.829	TSE	OrderCancel								9.27	0
	14:32:48.829	TSE	Quote		1000	1000	CHX	9.28	9.6	TSE		
	14:32:48.829	TSE	Order								9.28	200
	14:32:48.829	TSE	Quote		200	1000	TSE	9.28	9.6	TSE		
	14:32:48.829	CHX	Order								9.28	200
	14:32:48.829	CHX	Quote		400	0	TSE	9.28	9.6	TSE		
	14:32:48.831	ALF	OrderCancel								9.27	0
	14:32:48.843	CHX	OrderAmend								9.29	200
	14:32:48.843	CHX	Quote		200	0	CHX	9.29	9.6	TSE		
	14:32:48.845	TSE	Order								9.29	200
	14:32:48.845	TSE	Quote		200	1000	TSE	9.29	9.6	TSE		
	14:32:48.845	TSE	OrderCancel								9.28	0
	14:32:48.845	TSE	Order								9.29	200
	14:32:48.845	TSE	Quote		400	1000	TSE	9.29	9.6	TSE		
	14:32:48.845	CHX	OrderCancel								9.28	200
	14:32:48.847	ALF	Order								9.29	200
	14:32:48.847	ALF	Quote		200	500	ALF	9.29	9.6	TSE		
	14:32:48.848	ALF	OrderAmend								9.3	600
	14:32:48.848	ALF	Quote		600	500	ALF	9.3	9.6	TSE		
	14:32:48.861	TSE	OrderAmend								9.29	100
	14:32:48.861	TSE	Quote		300	1000	ALF	9.3	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:32:48.876	TSE	OrderAmend								9.3	100
	14:32:48.876	TSE	Quote		100	1000	TSE	9.3	9.6	TSE		
	14:32:48.877	TSE	OrderCancel								9.29	0
	14:32:48.877	TSE	Order								9.3	200
	14:32:48.877	TSE	Quote		300	1000	TSE	9.3	9.6	TSE		
	14:32:48.877	CHX	Order								9.3	200
	14:32:48.877	CHX	Quote		200	0	TSE	9.3	9.6	TSE		
	14:32:48.878	ALF	OrderCancel								9.29	0
	14:32:48.888	CHX	OrderCancel								9.29	200
	14:32:48.889	TSE	OrderAmend								9.26	100
	14:32:48.889	TSE	Quote		200	1000	TSE	9.3	9.6	TSE		
	14:32:48.906	TSE	OrderAmend								9.31	100
	14:32:48.906	TSE	Quote		100	1000	TSE	9.31	9.6	TSE		
	14:32:48.909	ALF	OrderAmend								9.31	600
	14:32:48.909	ALF	Quote		600	500	ALF	9.31	9.6	TSE		
	14:32:48.909	TSE	OrderCancel								9.3	0
	14:32:48.909	TSE	Order								9.31	200
	14:32:48.909	TSE	Quote		300	1000	ALF	9.31	9.6	TSE		
	14:32:48.909	CHX	OrderCancel								9.3	200
	14:32:48.909	CHX	Quote		0	0	ALF	9.31	9.6	TSE		
	14:32:48.909	CHX	Order								9.31	200
	14:32:48.909	CHX	Quote		200	0	ALF	9.31	9.6	TSE		
	14:32:48.922	TSE	OrderAmend								9.32	100
	14:32:48.922	TSE	Quote		100	1000	TSE	9.32	9.6	TSE		
	14:32:48.926	ALF	OrderAmend								9.32	600
	14:32:48.926	ALF	Quote		600	500	ALF	9.32	9.6	TSE		
	14:32:48.926	TSE	OrderCancel								9.31	0
	14:32:48.926	TSE	Order								9.32	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:32:48.926	TSE	Quote		300	1000	ALF	9.32	9.6	TSE		
	14:32:48.926	CHX	OrderCancel								9.31	200
	14:32:48.926	CHX	Quote		0	0	ALF	9.32	9.6	TSE		
	14:32:48.926	CHX	Order								9.32	200
	14:32:48.926	CHX	Quote		200	0	ALF	9.32	9.6	TSE		
	14:32:49.071	TSE	OrderAmend								9.33	300
OT	14:39:52.662	TSE	Order	O							9.5	200
	14:39:52.662	TSE	Quote		300	200	TSE	9.32	9.5	TSE		
dark	14:39:53.044	TSE	OrderAmend								9.49	300
	14:39:53.045	TSE	OrderAmend								9.77	200
	14:39:53.045	TSE	OrderAmend								10.05	400
	14:39:54.726	ALF	OrderAmend								9.59	500
	14:39:54.726	ALF	Quote		600	500	ALF	9.32	9.5	TSE		
	14:53:50.548	TSE	OrderCancel								9.32	0
	14:53:50.548	TSE	Quote		100	200	TSE	9.32	9.5	TSE		
	14:53:50.548	CHX	OrderCancel								9.32	200
	14:53:50.548	CHX	Quote		0	0	TSE	9.32	9.5	TSE		
	14:53:50.564	TSE	OrderAmend								9.26	100
	14:53:50.564	TSE	Quote		100	200	ALF	9.32	9.5	TSE		
	14:53:51.044	TSE	OrderAmend								9.27	300
	14:53:54.048	CHX	Order								9.32	200
	14:53:54.048	CHX	Quote		200	0	CHX	9.32	9.5	TSE		
	14:53:54.049	TSE	Order								9.32	200
	14:53:54.049	TSE	Quote		200	200	TSE	9.32	9.5	TSE		
	14:53:54.064	TSE	OrderAmend								9.33	100
	14:53:54.064	TSE	Quote		100	200	TSE	9.33	9.5	TSE		
	14:53:54.071	CHX	OrderCancel								9.32	200
	14:53:54.071	CHX	Quote		0	0	TSE	9.33	9.5	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:53:54.072	ALF	OrderAmend								9.33	600
	14:53:54.072	ALF	Quote		600	500	ALF	9.33	9.5	TSE		
	14:53:54.072	TSE	OrderCancel								9.32	0
	14:53:54.072	TSE	Order								9.33	200
	14:53:54.072	TSE	Quote		300	200	ALF	9.33	9.5	TSE		
	14:53:54.072	CHX	Order								9.33	200
	14:53:54.072	CHX	Quote		200	0	ALF	9.33	9.5	TSE		
	14:53:55.070	TSE	OrderAmend								9.34	300
	14:53:56.747	ALF	OrderAmend								9.26	500
	14:54:44.140	TSE	OrderCancel								9.33	0
	14:54:44.140	TSE	Quote		200	200	TSE	9.33	9.5	TSE		
	14:57:04.399	TSE	Order								9.34	100
	14:57:04.399	TSE	Quote		100	200	TSE	9.34	9.5	TSE		
	14:57:04.402	ALF	OrderAmend								9.34	600
	14:57:04.402	ALF	Quote		600	500	ALF	9.34	9.5	TSE		
	14:57:04.402	CHX	OrderCancel								9.33	200
	14:57:04.402	CHX	Quote		0	0	ALF	9.34	9.5	TSE		
	14:57:04.403	TSE	OrderCancel								9.33	0
	14:57:04.403	TSE	Order								9.34	200
	14:57:04.403	TSE	Quote		300	200	TSE	9.34	9.5	TSE		
	14:57:04.403	CHX	Order								9.34	200
	14:57:04.403	CHX	Quote		200	0	TSE	9.34	9.5	TSE		
	14:57:05.045	TSE	OrderAmend								9.35	300
	14:57:05.427	TSE	OrderAmend								9.35	100
	14:57:05.427	TSE	Quote		100	200	TSE	9.35	9.5	TSE		
	14:57:05.432	ALF	OrderAmend								9.35	600
	14:57:05.432	ALF	Quote		600	500	ALF	9.35	9.5	TSE		
	14:57:05.432	CHX	OrderCancel								9.34	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:57:05.432	CHX	Quote		0	0	ALF	9.35	9.5	TSE		
	14:57:05.433	TSE	OrderCancel								9.34	0
	14:57:05.433	TSE	Order								9.35	200
	14:57:05.433	TSE	Quote		300	200	TSE	9.35	9.5	TSE		
	14:57:05.433	CHX	Order								9.35	200
	14:57:05.433	CHX	Quote		200	0	TSE	9.35	9.5	TSE		
	14:57:06.043	TSE	OrderAmend								9.36	300
	14:57:41.055	TSE	OrderCancel								9.35	0
	14:57:41.055	TSE	Quote		100	200	TSE	9.35	9.5	TSE		
	14:57:41.055	CHX	OrderCancel								9.35	200
	14:57:41.055	CHX	Quote		0	0	TSE	9.35	9.5	TSE		
	14:57:41.072	TSE	OrderAmend								9.26	100
	14:57:41.072	TSE	Quote		100	200	ALF	9.35	9.5	TSE		
	14:57:42.047	TSE	OrderAmend								9.27	300
	14:57:43.008	ALF	OrderAmend								9.27	600
	14:57:43.008	ALF	Quote		600	500	ALF	9.27	9.5	TSE		
	14:57:43.008	TSE	Order								9.26	200
	14:57:43.008	TSE	Quote		300	200	ALF	9.27	9.5	TSE		
	14:57:43.008	CHX	Order								9.26	200
	14:57:43.008	CHX	Quote		200	0	ALF	9.27	9.5	TSE		
	14:57:43.555	CHX	OrderCancel								9.26	200
	14:57:43.555	CHX	Quote		0	0	ALF	9.27	9.5	TSE		
	14:57:43.556	TSE	OrderCancel								9.26	0
	14:57:43.556	TSE	Quote		100	200	ALF	9.27	9.5	TSE		
	14:57:43.556	TSE	Order								9.27	200
	14:57:43.556	TSE	Quote		200	200	TSE	9.27	9.5	TSE		
	14:57:43.556	CHX	Order								9.27	200
	14:57:43.556	CHX	Quote		200	0	TSE	9.27	9.5	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:57:43.572	TSE	OrderAmend								9.28	100
	14:57:43.572	TSE	Quote		100	200	TSE	9.28	9.5	TSE		
	14:57:43.576	ALF	OrderAmend								9.28	600
	14:57:43.576	ALF	Quote		600	500	ALF	9.28	9.5	TSE		
	14:57:43.576	TSE	OrderCancel								9.27	0
	14:57:43.576	TSE	Order								9.28	200
	14:57:43.576	TSE	Quote		300	200	ALF	9.28	9.5	TSE		
	14:57:43.576	CHX	OrderCancel								9.27	200
	14:57:43.576	CHX	Quote		0	0	ALF	9.28	9.5	TSE		
	14:57:43.576	CHX	Order								9.28	200
	14:57:43.576	CHX	Quote		200	0	ALF	9.28	9.5	TSE		
	14:57:43.955	ALF	OrderAmend								9.17	500
	14:57:44.045	TSE	OrderAmend								9.29	300
CL	14:58:11.211	TSE	OrderCancel	B							9.25	0
	14:58:11.212	TSE	OrderCancel								9.28	0
	14:58:11.212	TSE	Quote		100	200	TSE	9.28	9.5	TSE		
	14:58:11.212	CHX	OrderCancel								9.28	200
	14:58:11.212	CHX	Quote		0	0	TSE	9.28	9.5	TSE		
	14:58:11.223	TMS	ReferencePricing								9.49	
CL	14:58:11.223	TSE	Order	B							9.49	1000
CL	14:58:11.223	TSE	Trade								9.49	300
	14:58:11.223	TSE	Quote		700	200	TSE	9.49	9.5	TSE		
	14:58:11.225	ALF	ReferencePricing								9.49	
	14:58:11.228	TSE	OrderAmend								9.17	100
	14:58:11.241	TSE	OrderCancel								9.17	0
	14:58:12.071	TSE	OrderCancel								9.29	0
OT	14:58:36.738	TSE	OrderCancel	O							9.5	0
	14:58:36.738	TSE	Quote		700	1000	TSE	9.49	9.59	ALF		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	14:58:39.001	ALF	OrderAmend								9.49	300
	14:58:39.001	ALF	Quote		300	500	ALF	9.49	9.59	ALF		
	14:58:39.720	ALF	OrderAmend								9.69	500
	14:58:39.720	ALF	Quote		300	500	ALF	9.49	9.6	TSE		
CL	14:59:04.093	TSE	OrderAmend	B							9.4	700
	14:59:04.093	TSE	Quote		700	1000	ALF	9.49	9.6	TSE		
	14:59:04.110	TSE	Order								9.41	100
	14:59:04.110	TSE	Quote		100	1000	ALF	9.49	9.6	TSE		
	14:59:04.200	ALF	OrderAmend								9.41	600
	14:59:04.200	ALF	Quote		600	500	ALF	9.41	9.6	TSE		
OT	14:59:45.847	TSE	Order	O							9.5	200
	14:59:45.847	TSE	Quote		100	200	TSE	9.41	9.5	TSE		
	14:59:46.667	ALF	OrderAmend								9.59	500
	14:59:46.667	ALF	Quote		600	500	ALF	9.41	9.5	TSE		
	14:59:55.800	ALF	OrderAmend								9.41	300
	14:59:55.800	ALF	Quote		300	500	ALF	9.41	9.5	TSE		
	15:00:15.942	ALF	OrderAmend								9.41	600
	15:00:15.942	ALF	Quote		600	500	ALF	9.41	9.5	TSE		
CL	15:00:19.562	TSE	OrderCancel	B							9.4	0
	15:00:19.578	TSE	OrderAmend								9.17	100
	15:00:19.578	TSE	Quote		100	200	ALF	9.41	9.5	TSE		
CL	15:00:19.599	TSE	Order	B							9.49	700
	15:00:19.599	TSE	Quote		700	200	TSE	9.49	9.5	TSE		
	15:00:19.614	TSE	OrderCancel								9.17	0
	15:00:21.409	ALF	OrderAmend								9.41	300
	15:00:21.409	ALF	Quote		300	500	TSE	9.49	9.5	TSE		
OT	15:00:52.934	TSE	OrderCancel	O							9.5	0
	15:00:52.934	TSE	Quote		700	1000	TSE	9.49	9.59	ALF		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:00:55.685	ALF	OrderAmend								9.69	500
	15:00:55.685	ALF	Quote		300	500	TSE	9.49	9.6	TSE		
	15:00:58.603	ALF	OrderAmend								9.49	300
	15:00:58.603	ALF	Quote		300	500	ALF	9.49	9.6	TSE		
CL	15:01:22.132	TSE	OrderAmend	B							9.35	700
	15:01:22.132	TSE	Quote		700	1000	ALF	9.49	9.6	TSE		
	15:01:22.147	TSE	Order								9.36	100
	15:01:22.147	TSE	Quote		100	1000	ALF	9.49	9.6	TSE		
	15:01:23.044	TSE	Order								9.37	300
dark	15:01:23.044	TSE	Order								9.59	300
	15:01:32.603	ALF	OrderAmend								9.36	600
	15:01:32.603	ALF	Quote		600	500	ALF	9.36	9.6	TSE		
CL	15:03:50.475	TSE	OrderAmend	B							9.2	700
	15:03:50.492	TSE	OrderCancel								9.36	0
	15:03:50.492	TSE	Quote		700	1000	ALF	9.36	9.6	TSE		
	15:03:50.508	TSE	Order								9.21	300
	15:03:50.508	TSE	Quote		300	1000	ALF	9.36	9.6	TSE		
	15:03:51.071	TSE	OrderAmend								9.22	300
	15:03:51.072	TSE	OrderAmend								8.94	200
	15:03:51.072	TSE	OrderAmend								8.68	400
	15:03:51.089	TSE	Order								9.59	100
	15:03:51.089	TSE	Quote		300	100	ALF	9.36	9.59	TSE		
dark	15:03:52.044	TSE	OrderAmend								9.58	300
	15:03:53.283	ALF	OrderAmend								9.12	500
	15:03:59.811	ALF	OrderAmend								9.22	600
	15:03:59.811	ALF	Quote		600	500	ALF	9.22	9.59	TSE		
CL	15:04:16.927	TSE	OrderAmend	B							9.17	700
	15:04:16.942	TSE	OrderCancel								9.21	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:04:16.942	TSE	Quote		700	100	ALF	9.22	9.59	TSE		
	15:04:16.943	TSE	OrderCancel								9.59	0
	15:04:16.943	TSE	Quote		700	1000	ALF	9.22	9.6	TSE		
	15:04:16.958	TSE	Order								9.18	400
	15:04:16.958	TSE	Quote		400	1000	ALF	9.22	9.6	TSE		
	15:04:16.959	TSE	Order								9.59	200
	15:04:16.959	TSE	Quote		400	200	ALF	9.22	9.59	TSE		
	15:04:17.045	TSE	OrderAmend								9.19	300
	15:04:22.211	ALF	OrderAmend								9.19	600
	15:04:22.211	ALF	Quote		600	500	ALF	9.19	9.59	TSE		
OT	15:04:51.364	TSE	Order	O							9.5	200
	15:04:51.364	TSE	Quote		400	200	ALF	9.19	9.5	TSE		
	15:04:51.381	TSE	OrderCancel								9.59	0
dark	15:04:52.046	TSE	OrderAmend								9.49	300
	15:04:52.167	ALF	OrderAmend								9.59	500
	15:04:52.167	ALF	Quote		600	500	ALF	9.19	9.5	TSE		
	15:04:53.563	CHX	Order								9.19	200
	15:04:53.563	CHX	Quote		200	0	CHX	9.19	9.5	TSE		
	15:04:53.564	TSE	Order								9.19	200
	15:04:53.564	TSE	Quote		200	200	TSE	9.19	9.5	TSE		
	15:04:53.578	TSE	OrderAmend								9.2	400
	15:04:53.578	TSE	Quote		400	200	TSE	9.2	9.5	TSE		
	15:04:53.578	CHX	OrderCancel								9.19	200
	15:04:53.578	CHX	Quote		0	0	TSE	9.2	9.5	TSE		
	15:04:53.579	TSE	OrderCancel								9.19	0
	15:04:53.581	ALF	OrderAmend								9.21	600
	15:04:53.581	ALF	Quote		600	500	ALF	9.21	9.5	TSE		
	15:04:53.581	CHX	Order								9.21	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:04:53.581	CHX	Quote		200	0	ALF	9.21	9.5	TSE		
	15:04:53.582	TSE	Order								9.21	200
	15:04:53.582	TSE	Quote		200	200	TSE	9.21	9.5	TSE		
	15:04:53.594	TSE	OrderAmend								9.18	400
	15:04:53.610	TSE	OrderAmend								9.22	300
	15:04:53.610	TSE	Quote		300	200	TSE	9.22	9.5	TSE		
	15:04:53.614	ALF	OrderAmend								9.23	600
	15:04:53.614	ALF	Quote		600	500	ALF	9.23	9.5	TSE		
	15:04:53.614	TSE	OrderCancel								9.21	0
	15:04:53.614	CHX	OrderCancel								9.21	200
	15:04:53.614	CHX	Quote		0	0	ALF	9.23	9.5	TSE		
	15:04:53.614	CHX	Order								9.23	200
	15:04:53.614	CHX	Quote		200	0	ALF	9.23	9.5	TSE		
	15:04:53.615	TSE	Order								9.23	200
	15:04:53.615	TSE	Quote		200	200	TSE	9.23	9.5	TSE		
	15:04:53.631	TSE	OrderAmend								9.24	200
	15:04:53.631	TSE	Quote		200	200	TSE	9.24	9.5	TSE		
	15:04:53.634	ALF	OrderAmend								9.25	600
	15:04:53.634	ALF	Quote		600	500	ALF	9.25	9.5	TSE		
	15:04:53.634	CHX	OrderCancel								9.23	200
	15:04:53.634	CHX	Quote		0	0	ALF	9.25	9.5	TSE		
	15:04:53.634	CHX	Order								9.25	200
	15:04:53.634	CHX	Quote		200	0	ALF	9.25	9.5	TSE		
	15:04:53.635	TSE	OrderCancel								9.23	0
	15:04:53.635	TSE	Order								9.25	200
	15:04:53.635	TSE	Quote		200	200	TSE	9.25	9.5	TSE		
	15:04:53.647	TSE	OrderCancel								9.24	0
	15:04:53.664	TSE	Order								9.26	100

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:04:53.664	TSE	Quote		100	200	TSE	9.26	9.5	TSE		
	15:04:53.667	ALF	OrderAmend								9.26	600
	15:04:53.667	ALF	Quote		600	500	ALF	9.26	9.5	TSE		
	15:04:53.667	CHX	OrderCancel								9.25	200
	15:04:53.667	CHX	Quote		0	0	ALF	9.26	9.5	TSE		
	15:04:53.667	CHX	Order								9.26	200
	15:04:53.667	CHX	Quote		200	0	ALF	9.26	9.5	TSE		
	15:04:53.668	TSE	OrderCancel								9.25	0
	15:04:53.668	TSE	Order								9.26	200
	15:04:53.668	TSE	Quote		300	200	TSE	9.26	9.5	TSE		
	15:04:53.680	TSE	OrderAmend								9.27	100
	15:04:53.680	TSE	Quote		100	200	TSE	9.27	9.5	TSE		
	15:04:53.684	ALF	OrderAmend								9.27	600
	15:04:53.684	ALF	Quote		600	500	ALF	9.27	9.5	TSE		
	15:04:53.684	TSE	OrderCancel								9.26	0
	15:04:53.684	TSE	Order								9.27	200
	15:04:53.684	TSE	Quote		300	200	ALF	9.27	9.5	TSE		
	15:04:53.684	CHX	OrderCancel								9.26	200
	15:04:53.684	CHX	Quote		0	0	ALF	9.27	9.5	TSE		
	15:04:53.684	CHX	Order								9.27	200
	15:04:53.684	CHX	Quote		200	0	ALF	9.27	9.5	TSE		
	15:04:54.071	TSE	OrderAmend								9.28	300
	15:04:54.156	ALF	OrderAmend								9.17	500
CL	15:05:30.647	TSE	OrderCancel	B							9.17	0
	15:05:30.647	TSE	OrderCancel								9.27	0
	15:05:30.647	TSE	Quote		100	200	TSE	9.27	9.5	TSE		
	15:05:30.647	CHX	OrderCancel								9.27	200
	15:05:30.647	CHX	Quote		0	0	TSE	9.27	9.5	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
CL	15:05:30.658	TSE	Order	B							9.49	700
CL	15:05:30.658	TSE	Trade								9.49	300
	15:05:30.658	TSE	Quote		400	200	TSE	9.49	9.5	TSE		
	15:05:30.664	TSE	OrderCancel								9.27	0
	15:05:31.072	TSE	OrderCancel								9.28	0
	15:05:31.074	TSE	OrderAmend								9.22	200
	15:05:31.074	TSE	OrderAmend								8.95	400
	15:05:32.175	ALF	OrderAmend								9.23	500
CL	15:06:00.287	TSE	OrderAmend	B							9.17	400
	15:06:00.287	TSE	Quote		200	200	ALF	9.27	9.5	TSE		
	15:06:00.290	ALF	OrderAmend								9.48	300
	15:06:00.290	ALF	Quote		300	500	ALF	9.48	9.5	TSE		
	15:06:00.303	TSE	Order								9.23	100
	15:06:00.303	TSE	Quote		100	200	ALF	9.48	9.5	TSE		
	15:06:00.315	TSE	OrderCancel								9.23	0
	15:06:00.315	TSE	Quote		200	200	ALF	9.48	9.5	TSE		
	15:06:00.331	TSE	Order								9.23	200
	15:06:00.331	TSE	Quote		200	200	ALF	9.48	9.5	TSE		
	15:06:01.045	TSE	Order								9.24	300
	15:06:01.045	TSE	Order								9.49	300
	15:06:03.127	ALF	OrderAmend								9.17	500
	15:06:07.045	TSE	OrderAmend								8.96	200
	15:06:07.045	TSE	OrderAmend								8.7	400
	15:06:07.061	TSE	OrderCancel								9.23	0
	15:06:07.061	TSE	Quote		400	200	ALF	9.48	9.5	TSE		
	15:06:07.077	TSE	Order								9.18	300
	15:06:07.077	TSE	Quote		300	200	ALF	9.48	9.5	TSE		
	15:06:08.044	TSE	OrderAmend								9.19	300

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:06:09.713	ALF	OrderAmend								9.12	500
	15:06:10.807	ALF	OrderAmend								9.19	600
	15:06:10.807	ALF	Quote		600	500	ALF	9.19	9.5	TSE		
	15:06:11.063	CHX	Order								9.19	200
	15:06:11.063	CHX	Quote		200	0	CHX	9.19	9.5	TSE		
	15:06:11.064	TSE	Order								9.19	200
	15:06:11.064	TSE	Quote		200	200	TSE	9.19	9.5	TSE		
	15:06:11.080	TSE	OrderAmend								9.2	300
	15:06:11.080	TSE	Quote		300	200	TSE	9.2	9.5	TSE		
	15:06:11.083	ALF	OrderAmend								9.21	600
	15:06:11.083	ALF	Quote		600	500	ALF	9.21	9.5	TSE		
	15:06:11.083	CHX	OrderCancel								9.19	200
	15:06:11.083	CHX	Quote		0	0	ALF	9.21	9.5	TSE		
	15:06:11.084	TSE	OrderCancel								9.19	0
	15:06:11.084	TSE	Order								9.21	200
	15:06:11.084	TSE	Quote		200	200	TSE	9.21	9.5	TSE		
	15:06:11.084	CHX	Order								9.21	200
	15:06:11.084	CHX	Quote		200	0	TSE	9.21	9.5	TSE		
	15:06:11.102	TSE	OrderAmend								9.22	200
	15:06:11.102	TSE	Quote		200	200	TSE	9.22	9.5	TSE		
	15:06:11.105	ALF	OrderAmend								9.23	600
	15:06:11.105	ALF	Quote		600	500	ALF	9.23	9.5	TSE		
	15:06:11.105	CHX	OrderCancel								9.21	200
	15:06:11.105	CHX	Quote		0	0	ALF	9.23	9.5	TSE		
	15:06:11.105	CHX	Order								9.23	200
	15:06:11.105	CHX	Quote		200	0	ALF	9.23	9.5	TSE		
	15:06:11.106	TSE	OrderCancel								9.21	0
	15:06:11.106	TSE	Order								9.23	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:06:11.106	TSE	Quote		200	200	TSE	9.23	9.5	TSE		
	15:06:11.118	TSE	OrderCancel								9.22	0
	15:06:11.136	TSE	Order								9.24	200
	15:06:11.136	TSE	Quote		200	200	TSE	9.24	9.5	TSE		
	15:06:11.139	ALF	OrderAmend								9.25	600
	15:06:11.139	ALF	Quote		600	500	ALF	9.25	9.5	TSE		
	15:06:11.139	CHX	OrderCancel								9.23	200
	15:06:11.139	CHX	Quote		0	0	ALF	9.25	9.5	TSE		
	15:06:11.139	CHX	Order								9.25	200
	15:06:11.139	CHX	Quote		200	0	ALF	9.25	9.5	TSE		
	15:06:11.140	TSE	OrderCancel								9.23	0
	15:06:11.140	TSE	Order								9.25	200
	15:06:11.140	TSE	Quote		200	200	TSE	9.25	9.5	TSE		
	15:06:11.152	TSE	OrderCancel								9.24	0
	15:06:11.170	TSE	Order								9.26	100
	15:06:11.170	TSE	Quote		100	200	TSE	9.26	9.5	TSE		
	15:06:11.173	ALF	OrderAmend								9.26	600
	15:06:11.173	ALF	Quote		600	500	ALF	9.26	9.5	TSE		
	15:06:11.173	CHX	OrderCancel								9.25	200
	15:06:11.173	CHX	Quote		0	0	ALF	9.26	9.5	TSE		
	15:06:11.173	CHX	Order								9.26	200
	15:06:11.173	CHX	Quote		200	0	ALF	9.26	9.5	TSE		
	15:06:11.174	TSE	OrderCancel								9.25	0
	15:06:11.174	TSE	Order								9.26	200
	15:06:11.174	TSE	Quote		300	200	TSE	9.26	9.5	TSE		
	15:06:11.766	ALF	OrderAmend								9.17	500
	15:06:12.045	TSE	OrderAmend								9.27	300
OT	15:07:27.225	TSE	OrderCancel	O							9.5	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:07:27.225	TSE	Quote		300	1000	TSE	9.26	9.59	ALF		
OT	15:07:27.236	TSE	Order	O							9.48	200
	15:07:27.236	TSE	Quote		300	200	TSE	9.26	9.48	TSE		
dark	15:07:28.045	TSE	OrderAmend								9.47	300
CL	15:07:53.302	TSE	OrderCancel	B							9.17	0
	15:07:53.314	TMS	ReferencePricing								9.47	
CL	15:07:53.314	TSE	Order	B							9.47	400
CL	15:07:53.314	TSE	Trade								9.47	300
	15:07:53.314	TSE	Quote		100	200	TSE	9.47	9.48	TSE		
	15:07:53.314	CHX	OrderCancel								9.26	200
	15:07:53.314	CHX	Quote		0	0	TSE	9.47	9.48	TSE		
	15:07:53.315	TSE	OrderCancel								9.26	0
	15:07:53.316	ALF	ReferencePricing								9.47	
	15:07:53.332	TSE	OrderCancel								9.26	0
	15:07:54.072	TSE	OrderCancel								9.27	0
	15:07:54.073	TSE	OrderAmend								9.2	200
	15:07:54.073	TSE	OrderAmend								8.93	400
	15:07:54.186	ALF	OrderAmend								9.21	500
CL	15:08:13.529	TSE	OrderAmend	B							9.17	100
	15:08:13.529	TSE	Quote		200	200	ALF	9.26	9.48	TSE		
	15:08:13.544	CHX	Order								9.21	100
	15:08:13.544	CHX	Quote		100	0	ALF	9.26	9.48	TSE		
	15:08:13.545	TSE	Order								9.21	200
	15:08:13.545	TSE	Quote		200	200	ALF	9.26	9.48	TSE		
	15:08:13.561	CHX	OrderCancel								9.21	100
	15:08:13.561	CHX	Quote		0	0	ALF	9.26	9.48	TSE		
	15:08:14.045	TSE	Order								9.22	300
	15:08:14.045	TSE	Order								9.47	300

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:08:14.568	TSE	Order								9.26	200
	15:08:14.568	TSE	Quote		200	200	TSE	9.26	9.48	TSE		
	15:08:14.568	CHX	Order								9.26	200
	15:08:14.568	CHX	Quote		200	0	TSE	9.26	9.48	TSE		
	15:08:14.584	TSE	OrderAmend								9.27	100
	15:08:14.584	TSE	Quote		100	200	TSE	9.27	9.48	TSE		
	15:08:14.584	CHX	OrderCancel								9.26	200
	15:08:14.584	CHX	Quote		0	0	TSE	9.27	9.48	TSE		
	15:08:14.585	TSE	OrderCancel								9.26	0
	15:08:14.587	ALF	OrderAmend								9.27	600
	15:08:14.587	ALF	Quote		600	500	ALF	9.27	9.48	TSE		
	15:08:14.601	TSE	OrderCancel								9.27	0
	15:08:14.601	TSE	Quote		200	200	ALF	9.27	9.48	TSE		
	15:08:14.617	CHX	Order								9.21	100
	15:08:14.617	CHX	Quote		100	0	ALF	9.27	9.48	TSE		
	15:08:14.618	TSE	Order								9.21	200
	15:08:14.618	TSE	Quote		200	200	ALF	9.27	9.48	TSE		
	15:08:14.634	CHX	OrderCancel								9.21	100
	15:08:14.634	CHX	Quote		0	0	ALF	9.27	9.48	TSE		
	15:08:15.567	CHX	Order								9.27	200
	15:08:15.567	CHX	Quote		200	0	CHX	9.27	9.48	TSE		
	15:08:15.568	TSE	Order								9.27	200
	15:08:15.568	TSE	Quote		200	200	TSE	9.27	9.48	TSE		
	15:08:15.585	TSE	OrderAmend								9.28	100
	15:08:15.585	TSE	Quote		100	200	TSE	9.28	9.48	TSE		
	15:08:15.585	CHX	OrderCancel								9.27	200
	15:08:15.585	CHX	Quote		0	0	TSE	9.28	9.48	TSE		
	15:08:15.586	TSE	OrderCancel								9.27	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:08:15.588	ALF	OrderAmend								9.28	600
	15:08:15.588	ALF	Quote		600	500	ALF	9.28	9.48	TSE		
	15:08:15.601	TSE	OrderCancel								9.28	0
	15:08:15.601	TSE	Quote		200	200	ALF	9.28	9.48	TSE		
	15:08:15.614	CHX	Order								9.21	100
	15:08:15.614	CHX	Quote		100	0	ALF	9.28	9.48	TSE		
	15:08:15.615	TSE	Order								9.21	200
	15:08:15.615	TSE	Quote		200	200	ALF	9.28	9.48	TSE		
	15:08:15.630	CHX	OrderCancel								9.21	100
	15:08:15.630	CHX	Quote		0	0	ALF	9.28	9.48	TSE		
	15:08:16.512	ALF	OrderAmend								9.12	500
	15:08:20.073	TSE	OrderAmend								8.94	200
	15:08:20.074	TSE	OrderAmend								8.68	400
	15:08:20.090	TSE	OrderAmend								9.18	200
	15:08:20.090	TSE	Quote		200	200	ALF	9.28	9.48	TSE		
	15:08:20.104	CHX	Order								9.19	200
	15:08:20.104	CHX	Quote		200	0	ALF	9.28	9.48	TSE		
	15:08:21.072	TSE	OrderAmend								9.19	300
OT	15:08:28.163	TSE	OrderCancel	O							9.48	0
	15:08:28.163	TSE	Quote		200	1000	ALF	9.28	9.59	ALF		
	15:08:28.163	TSE	Order								9.28	200
	15:08:28.163	TSE	Quote		200	1000	TSE	9.28	9.59	ALF		
	15:08:28.163	CHX	Order								9.28	200
	15:08:28.163	CHX	Quote		200	0	TSE	9.28	9.59	ALF		
	15:08:28.177	CHX	OrderCancel								9.19	200
	15:08:28.178	TSE	OrderAmend								9.29	100
	15:08:28.178	TSE	Quote		100	1000	TSE	9.29	9.59	ALF		
	15:08:28.178	TSE	OrderCancel								9.28	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:08:28.178	CHX	OrderCancel								9.28	200
	15:08:28.178	CHX	Quote		0	0	TSE	9.29	9.59	ALF		
	15:08:28.181	ALF	OrderAmend								9.29	600
	15:08:28.181	ALF	Quote		600	500	ALF	9.29	9.59	ALF		
	15:08:28.195	TSE	OrderCancel								9.29	0
	15:08:28.195	TSE	Quote		100	1000	ALF	9.29	9.59	ALF		
	15:08:28.195	TSE	Order								9.59	100
	15:08:28.195	TSE	Quote		100	100	ALF	9.29	9.59	TSE		
	15:08:28.210	CHX	Order								9.18	200
	15:08:28.210	CHX	Quote		200	0	ALF	9.29	9.59	TSE		
	15:08:28.211	CHX	Order								9.29	200
	15:08:28.211	CHX	Quote		200	0	CHX	9.29	9.59	TSE		
	15:08:28.212	TSE	Order								9.29	200
	15:08:28.212	TSE	Quote		200	100	TSE	9.29	9.59	TSE		
	15:08:28.212	TSE	Order								9.18	200
	15:08:28.226	CHX	OrderCancel								9.18	200
	15:08:28.227	TSE	OrderAmend								9.3	100
	15:08:28.227	TSE	Quote		100	100	TSE	9.3	9.59	TSE		
	15:08:28.230	ALF	OrderAmend								9.3	600
	15:08:28.230	ALF	Quote		600	500	ALF	9.3	9.59	ALF		
	15:08:28.231	TSE	OrderCancel								9.29	0
	15:08:28.231	TSE	Order								9.3	200
	15:08:28.231	TSE	Quote		300	100	TSE	9.3	9.59	TSE		
	15:08:28.231	CHX	OrderCancel								9.29	200
	15:08:28.231	CHX	Quote		0	0	TSE	9.3	9.59	TSE		
	15:08:28.231	CHX	Order								9.3	200
	15:08:28.231	CHX	Quote		200	0	TSE	9.3	9.59	TSE		
	15:08:28.247	TSE	OrderCancel								9.59	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:08:28.247	TSE	Quote		300	1000	TSE	9.3	9.59	ALF		
	15:08:28.678	ALF	OrderAmend								9.17	500
	15:08:29.044	TSE	OrderAmend								9.31	300
	15:08:29.044	TSE	OrderAmend								9.59	300
	15:08:31.220	ALF	OrderAmend								9.69	500
	15:08:31.220	ALF	Quote		600	500	ALF	9.3	9.6	TSE		
OT	15:09:19.647	TSE	Order	O							9.47	100
	15:09:19.647	TSE	Quote		300	100	TSE	9.3	9.47	TSE		
	15:09:19.647	CHX	OrderCancel								9.3	200
	15:09:19.647	CHX	Quote		0	0	TSE	9.3	9.47	TSE		
	15:09:19.648	TSE	OrderCancel								9.3	0
	15:09:19.648	TSE	Quote		100	100	TSE	9.3	9.47	TSE		
	15:09:19.664	TSE	OrderCancel								9.3	0
	15:09:19.664	TSE	Quote		100	100	ALF	9.3	9.47	TSE		
	15:09:19.681	TSE	Order								9.18	200
	15:09:19.681	TSE	Quote		200	100	ALF	9.3	9.47	TSE		
	15:09:19.697	CHX	Order								9.19	100
	15:09:19.697	CHX	Quote		100	0	ALF	9.3	9.47	TSE		
	15:09:20.045	TSE	OrderAmend								9.19	300
Dark	15:09:20.045	TSE	OrderAmend								9.46	300
	15:09:20.902	ALF	OrderAmend								9.59	500
	15:09:20.902	ALF	Quote		600	500	ALF	9.3	9.47	TSE		
	15:09:21.004	ALF	OrderAmend								9.19	600
	15:09:21.004	ALF	Quote		600	500	ALF	9.19	9.47	TSE		
	15:09:21.004	CHX	Order								9.19	200
	15:09:21.004	CHX	Quote		300	0	ALF	9.19	9.47	TSE		
	15:09:21.005	TSE	Order								9.19	200
	15:09:21.005	TSE	Quote		200	100	TSE	9.19	9.47	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:21.020	CHX	OrderCancel								9.19	100
	15:09:21.020	CHX	Quote		200	0	CHX	9.19	9.47	TSE		
	15:09:21.021	TSE	OrderAmend								9.2	200
	15:09:21.021	TSE	Quote		200	100	TSE	9.2	9.47	TSE		
	15:09:21.024	ALF	OrderAmend								9.21	600
	15:09:21.024	ALF	Quote		600	500	ALF	9.21	9.47	TSE		
	15:09:21.024	CHX	OrderCancel								9.19	200
	15:09:21.024	CHX	Quote		0	0	ALF	9.21	9.47	TSE		
	15:09:21.025	TSE	OrderCancel								9.19	0
	15:09:21.025	TSE	Order								9.21	200
	15:09:21.025	TSE	Quote		200	100	TSE	9.21	9.47	TSE		
	15:09:21.025	CHX	Order								9.21	200
	15:09:21.025	CHX	Quote		200	0	TSE	9.21	9.47	TSE		
	15:09:21.037	TSE	OrderAmend								9.18	200
	15:09:21.041	CHX	Order								9.22	100
	15:09:21.041	CHX	Quote		100	0	CHX	9.22	9.47	TSE		
	15:09:21.048	TSE	OrderAmend								9.22	300
	15:09:21.049	ALF	OrderAmend								9.22	600
	15:09:21.049	ALF	Quote		600	500	ALF	9.22	9.47	TSE		
	15:09:21.049	CHX	OrderCancel								9.21	200
	15:09:21.049	CHX	Order								9.22	200
	15:09:21.049	CHX	Quote		300	0	ALF	9.22	9.47	TSE		
	15:09:21.050	TSE	OrderCancel								9.21	0
	15:09:21.050	TSE	Quote		200	100	ALF	9.22	9.47	TSE		
	15:09:21.050	TSE	Order								9.22	200
	15:09:21.050	TSE	Quote		200	100	TSE	9.22	9.47	TSE		
	15:09:21.054	TSE	OrderAmend								9.22	100
	15:09:21.054	TSE	Quote		300	100	TSE	9.22	9.47	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:21.062	CHX	OrderAmend								9.19	100
	15:09:21.062	CHX	Quote		200	0	CHX	9.22	9.47	TSE		
	15:09:21.067	TSE	OrderCancel								9.22	0
	15:09:21.067	TSE	Quote		200	100	TSE	9.22	9.47	TSE		
	15:09:21.074	CHX	OrderCancel								9.19	100
	15:09:21.084	TSE	Order								9.23	100
	15:09:21.084	TSE	Quote		100	100	TSE	9.23	9.47	TSE		
	15:09:21.087	ALF	OrderAmend								9.23	600
	15:09:21.087	ALF	Quote		600	500	ALF	9.23	9.47	TSE		
	15:09:21.087	CHX	OrderCancel								9.22	200
	15:09:21.087	CHX	Quote		0	0	ALF	9.23	9.47	TSE		
	15:09:21.087	CHX	Order								9.23	200
	15:09:21.087	CHX	Quote		200	0	ALF	9.23	9.47	TSE		
	15:09:21.088	TSE	OrderCancel								9.22	0
	15:09:21.088	TSE	Order								9.23	200
	15:09:21.088	TSE	Quote		300	100	TSE	9.23	9.47	TSE		
	15:09:21.100	TSE	OrderCancel								9.23	0
	15:09:21.100	TSE	Quote		200	100	TSE	9.23	9.47	TSE		
	15:09:21.118	TSE	Order								9.24	100
	15:09:21.118	TSE	Quote		100	100	TSE	9.24	9.47	TSE		
	15:09:21.121	ALF	OrderAmend								9.24	600
	15:09:21.121	ALF	Quote		600	500	ALF	9.24	9.47	TSE		
	15:09:21.121	CHX	OrderCancel								9.23	200
	15:09:21.121	CHX	Quote		0	0	ALF	9.24	9.47	TSE		
	15:09:21.121	CHX	Order								9.24	200
	15:09:21.121	CHX	Quote		200	0	ALF	9.24	9.47	TSE		
	15:09:21.122	TSE	OrderCancel								9.23	0
	15:09:21.122	TSE	Order								9.24	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:21.122	TSE	Quote		300	100	TSE	9.24	9.47	TSE		
	15:09:21.135	TSE	OrderAmend								9.25	100
	15:09:21.135	TSE	Quote		100	100	TSE	9.25	9.47	TSE		
	15:09:21.138	ALF	OrderAmend								9.25	600
	15:09:21.138	ALF	Quote		600	500	ALF	9.25	9.47	TSE		
	15:09:21.138	CHX	OrderCancel								9.24	200
	15:09:21.138	CHX	Quote		0	0	ALF	9.25	9.47	TSE		
	15:09:21.138	CHX	Order								9.25	200
	15:09:21.138	CHX	Quote		200	0	ALF	9.25	9.47	TSE		
	15:09:21.139	TSE	OrderCancel								9.24	0
	15:09:21.139	TSE	Order								9.25	200
	15:09:21.139	TSE	Quote		300	100	TSE	9.25	9.47	TSE		
	15:09:21.151	TSE	OrderCancel								9.25	0
	15:09:21.151	TSE	Quote		200	100	TSE	9.25	9.47	TSE		
	15:09:21.168	TSE	Order								9.26	100
	15:09:21.168	TSE	Quote		100	100	TSE	9.26	9.47	TSE		
	15:09:21.454	ALF	OrderAmend								9.26	600
	15:09:21.454	ALF	Quote		600	500	ALF	9.26	9.47	TSE		
	15:09:21.454	CHX	OrderCancel								9.25	200
	15:09:21.454	CHX	Quote		0	0	ALF	9.26	9.47	TSE		
	15:09:21.455	TSE	OrderCancel								9.25	0
	15:09:21.455	TSE	Order								9.26	200
	15:09:21.455	TSE	Quote		300	100	TSE	9.26	9.47	TSE		
	15:09:21.455	CHX	Order								9.26	200
	15:09:21.455	CHX	Quote		200	0	TSE	9.26	9.47	TSE		
	15:09:22.045	TSE	OrderAmend								9.27	300
	15:09:24.069	CHX	OrderCancel								9.26	200
	15:09:24.069	CHX	Quote		0	0	TSE	9.26	9.47	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:24.070	TSE	OrderCancel								9.26	0
	15:09:24.070	TSE	Quote		100	100	TSE	9.26	9.47	TSE		
	15:09:24.084	TSE	OrderCancel								9.26	0
	15:09:24.084	TSE	Quote		100	100	ALF	9.26	9.47	TSE		
	15:09:24.098	TSE	Order								9.18	200
	15:09:24.098	TSE	Quote		200	100	ALF	9.26	9.47	TSE		
	15:09:24.114	CHX	Order								9.19	100
	15:09:24.114	CHX	Quote		100	0	ALF	9.26	9.47	TSE		
	15:09:25.045	TSE	OrderAmend								9.19	300
	15:09:26.569	CHX	Order								9.26	200
	15:09:26.569	CHX	Quote		200	0	CHX	9.26	9.47	TSE		
	15:09:26.570	TSE	Order								9.26	200
	15:09:26.570	TSE	Quote		200	100	TSE	9.26	9.47	TSE		
	15:09:26.585	CHX	OrderCancel								9.19	100
	15:09:26.587	TSE	OrderAmend								9.27	100
	15:09:26.587	TSE	Quote		100	100	TSE	9.27	9.47	TSE		
	15:09:26.679	ALF	OrderAmend								9.27	600
	15:09:26.679	ALF	Quote		600	500	ALF	9.27	9.47	TSE		
	15:09:26.679	CHX	OrderCancel								9.26	200
	15:09:26.679	CHX	Quote		0	0	ALF	9.27	9.47	TSE		
	15:09:26.680	TSE	OrderCancel								9.26	0
	15:09:26.695	TSE	OrderCancel								9.27	0
	15:09:26.695	TSE	Quote		100	100	ALF	9.27	9.47	TSE		
	15:09:26.712	TSE	Order								9.18	200
	15:09:26.712	TSE	Quote		200	100	ALF	9.27	9.47	TSE		
	15:09:26.726	CHX	Order								9.19	100
	15:09:26.726	CHX	Quote		100	0	ALF	9.27	9.47	TSE		
	15:09:26.995	ALF	OrderAmend								9.12	500

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:34.598	ALF	OrderAmend								9.19	600
	15:09:34.598	ALF	Quote		600	500	ALF	9.19	9.47	TSE		
	15:09:34.598	CHX	Order								9.19	200
	15:09:34.598	CHX	Quote		300	0	ALF	9.19	9.47	TSE		
	15:09:34.599	TSE	Order								9.19	200
	15:09:34.599	TSE	Quote		200	100	TSE	9.19	9.47	TSE		
	15:09:34.614	CHX	OrderCancel								9.19	100
	15:09:34.614	CHX	Quote		200	0	CHX	9.19	9.47	TSE		
	15:09:34.615	CHX	OrderCancel								9.19	200
	15:09:34.615	CHX	Quote		0	0	TSE	9.19	9.47	TSE		
	15:09:34.616	TSE	OrderAmend								9.2	200
	15:09:34.616	TSE	Quote		200	100	TSE	9.2	9.47	TSE		
	15:09:34.616	TSE	OrderCancel								9.19	0
	15:09:34.619	ALF	OrderAmend								9.21	600
	15:09:34.619	ALF	Quote		600	500	ALF	9.21	9.47	TSE		
	15:09:34.619	TSE	Order								9.21	200
	15:09:34.619	TSE	Quote		200	100	ALF	9.21	9.47	TSE		
	15:09:34.619	CHX	Order								9.21	200
	15:09:34.619	CHX	Quote		200	0	ALF	9.21	9.47	TSE		
	15:09:34.632	TSE	OrderAmend								9.18	200
	15:09:34.635	CHX	Order								9.22	100
	15:09:34.635	CHX	Quote		100	0	CHX	9.22	9.47	TSE		
	15:09:34.643	ALF	OrderAmend								9.22	600
	15:09:34.643	ALF	Quote		600	500	ALF	9.22	9.47	TSE		
	15:09:34.643	CHX	OrderCancel								9.21	200
	15:09:34.643	CHX	Order								9.22	200
	15:09:34.643	CHX	Quote		300	0	ALF	9.22	9.47	TSE		
	15:09:34.644	TSE	OrderCancel								9.21	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:09:34.644	TSE	Quote		200	100	ALF	9.22	9.47	TSE		
	15:09:34.644	TSE	Order								9.22	200
	15:09:34.644	TSE	Quote		200	100	TSE	9.22	9.47	TSE		
	15:09:34.648	TSE	OrderAmend								9.22	100
	15:09:34.648	TSE	Quote		300	100	TSE	9.22	9.47	TSE		
	15:09:34.662	CHX	OrderCancel								9.22	100
	15:09:34.662	CHX	Quote		200	0	CHX	9.22	9.47	TSE		
	15:09:34.664	TSE	OrderAmend								9.23	100
	15:09:34.664	TSE	Quote		100	100	TSE	9.23	9.47	TSE		
	15:09:34.667	ALF	OrderAmend								9.23	600
	15:09:34.667	ALF	Quote		600	500	ALF	9.23	9.47	TSE		
	15:09:34.667	TSE	OrderCancel								9.22	0
	15:09:34.667	CHX	OrderCancel								9.22	200
	15:09:34.667	CHX	Quote		0	0	ALF	9.23	9.47	TSE		
	15:09:34.667	CHX	Order								9.23	200
	15:09:34.667	CHX	Quote		200	0	ALF	9.23	9.47	TSE		
	15:09:34.668	TSE	Order								9.23	200
	15:09:34.668	TSE	Quote		300	100	TSE	9.23	9.47	TSE		
	15:09:35.044	TSE	OrderAmend								9.24	300
	15:09:35.103	ALF	OrderAmend								9.17	500
	15:09:35.103	CHX	OrderCancel								9.23	200
	15:09:35.103	CHX	Quote		0	0	TSE	9.23	9.47	TSE		
	15:09:35.103	CHX	Order								9.23	200
	15:09:35.103	CHX	Quote		200	0	CHX	9.23	9.47	TSE		
	15:09:35.104	TSE	OrderCancel								9.23	0
	15:09:35.104	TSE	Quote		100	100	TSE	9.23	9.47	TSE		
	15:09:35.104	TSE	Order								9.23	200
	15:09:35.104	TSE	Quote		300	100	TSE	9.23	9.47	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
CL	15:09:47.391	TSE	OrderCancel	B							9.17	0
	15:09:47.403	TMS	ReferencePricing								9.46	
CL	15:09:47.403	TSE	Order	B							9.46	100
CL	15:09:47.403	TSE	Trade								9.46	100
	15:09:47.405	ALF	ReferencePricing								9.46	
OT	15:10:08.823	TSE	OrderCancel	O							9.47	0
	15:10:08.823	TSE	Quote		300	1000	TSE	9.23	9.59	ALF		
	15:10:08.841	TSE	Order								9.59	100
	15:10:08.841	TSE	Quote		300	100	TSE	9.23	9.59	TSE		
dark	15:10:09.045	TSE	OrderAmend								9.58	200
	15:10:11.630	ALF	OrderAmend								9.69	500
	15:10:11.630	ALF	Quote		600	500	ALF	9.23	9.59	TSE		
OT	15:13:17.728	TSE	Order	O							9.5	100
	15:13:17.728	TSE	Quote		300	100	TSE	9.23	9.5	TSE		
	15:13:17.746	TSE	OrderCancel								9.59	0
dark	15:13:18.044	TSE	OrderAmend								9.49	200
	15:13:18.805	ALF	OrderAmend								9.59	500
	15:13:18.805	ALF	Quote		600	500	ALF	9.23	9.5	TSE		
	15:14:26.866	TMS	ReferencePricing								9.49	
XO	15:14:26.866	TSE	Order	B							9.49	600
XO	15:14:26.866	TSE	Trade								9.49	200
	15:14:26.866	TSE	Quote		400	100	TSE	9.49	9.5	TSE		
	15:14:26.866	CHX	OrderCancel								9.23	200
	15:14:26.866	CHX	Quote		0	0	TSE	9.49	9.5	TSE		
	15:14:26.867	TSE	OrderCancel								9.23	0
	15:14:26.868	ALF	ReferencePricing								9.49	
	15:14:26.883	TSE	OrderCancel								9.23	0
	15:14:27.073	TMS	ReferencePricing								9.5	

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:14:27.073	TSE	OrderAmend								9.5	300
OT	15:14:27.073	TSE	Trade								9.5	100
	15:14:27.073	TSE	Quote		400	1000	TSE	9.49	9.59	ALF		
	15:14:27.075	ALF	ReferencePricing								9.5	
	15:14:28.071	TSE	OrderCancel								9.5	0
	15:14:28.072	TSE	OrderAmend								9.22	200
	15:14:28.073	TSE	OrderAmend								8.95	400
	15:14:29.333	ALF	OrderAmend								9.23	500
	15:14:29.333	ALF	Quote		1100	500	TSE	9.49	9.59	ALF		
	15:14:29.857	ALF	OrderAmend								9.69	500
	15:14:29.857	ALF	Quote		1100	500	TSE	9.49	9.6	TSE		
XO	15:14:59.251	TSE	OrderAmend	B							9.4	400
	15:14:59.251	TSE	Quote		400	1000	TSE	9.4	9.6	TSE		
	15:14:59.254	ALF	OrderAmend								9.41	600
	15:14:59.254	ALF	Quote		600	500	ALF	9.41	9.6	TSE		
	15:14:59.267	TSE	Order								9.41	100
	15:14:59.267	TSE	Quote		100	1000	TSE	9.41	9.6	TSE		
XO	15:16:12.446	TSE	OrderCancel	B							9.4	0
	15:16:12.457	TMS	ReferencePricing								9.6	
XO	15:16:12.457	TSE	Order	B							9.6	400
XO	15:16:12.457	TSE	Trade								9.6	400
	15:16:12.457	TSE	Quote		100	600	TSE	9.41	9.6	TSE		
	15:16:12.459	ALF	ReferencePricing								9.6	
	15:16:12.462	ALF	OrderAmend								9.41	300
	15:16:12.462	ALF	Quote		300	500	ALF	9.41	9.6	TSE		
	15:16:12.462	TSE	OrderAmend								9.23	100
	15:16:12.462	TSE	Quote		100	600	ALF	9.41	9.6	TSE		
	15:16:12.462	TSE	Order								9.59	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:16:12.462	TSE	Quote		100	200	ALF	9.41	9.59	TSE		
	15:16:12.474	TSE	OrderCancel								9.23	0
	15:16:12.474	TSE	Quote		200	200	ALF	9.41	9.59	TSE		
	15:16:12.477	CHX	Order								9.23	100
	15:16:12.477	CHX	Quote		100	0	ALF	9.41	9.59	TSE		
	15:16:12.478	TSE	OrderCancel								9.59	0
	15:16:12.478	TSE	Quote		200	600	ALF	9.41	9.6	TSE		
	15:16:12.491	TSE	Order								9.23	200
	15:16:12.491	TSE	Quote		200	600	ALF	9.41	9.6	TSE		
	15:16:12.504	CHX	OrderCancel								9.23	100
	15:16:12.504	CHX	Quote		0	0	ALF	9.41	9.6	TSE		
	15:16:13.044	TSE	Order								9.24	300
	15:16:13.044	TSE	Order								9.59	300
	15:16:13.045	TSE	OrderAmend								8.96	200
	15:16:13.045	TSE	OrderAmend								8.7	400
	15:16:13.062	TSE	OrderCancel								9.23	0
	15:16:13.062	TSE	Quote		200	600	ALF	9.41	9.6	TSE		
	15:16:13.077	CHX	Order								9.17	200
	15:16:13.077	CHX	Quote		200	0	ALF	9.41	9.6	TSE		
	15:16:13.078	TSE	Order								9.17	300
	15:16:13.078	TSE	Quote		300	600	ALF	9.41	9.6	TSE		
	15:16:13.089	CHX	OrderAmend								9.18	200
	15:16:13.089	CHX	Quote		200	0	ALF	9.41	9.6	TSE		
	15:16:14.044	TSE	OrderAmend								9.18	300
	15:16:14.404	ALF	OrderAmend								9.24	600
	15:16:14.404	ALF	Quote		600	500	ALF	9.24	9.6	TSE		
	15:16:15.353	ALF	OrderAmend								9.07	500
	15:16:15.807	ALF	OrderAmend								9.19	600

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:16:15.807	ALF	Quote		600	500	ALF	9.19	9.6	TSE		
	15:16:18.300	TSE	Order								9.59	200
	15:16:18.300	TSE	Quote		300	200	ALF	9.19	9.59	TSE		
	15:16:19.044	TSE	OrderAmend								9.58	300
	15:18:33.586	CHX	Order								9.19	200
	15:18:33.586	CHX	Quote		200	0	CHX	9.19	9.59	TSE		
	15:18:33.587	TSE	Order								9.19	200
	15:18:33.587	TSE	Quote		200	200	TSE	9.19	9.59	TSE		
	15:18:33.602	CHX	OrderAmend								9.2	200
	15:18:33.602	CHX	Quote		200	0	CHX	9.2	9.59	TSE		
	15:18:33.603	CHX	OrderCancel								9.19	200
	15:18:33.604	TSE	OrderAmend								9.2	300
	15:18:33.604	TSE	Quote		300	200	TSE	9.2	9.59	TSE		
	15:18:33.604	TSE	OrderCancel								9.19	0
	15:18:33.604	CHX	Order								9.2	200
	15:18:33.604	CHX	Quote		400	0	TSE	9.2	9.59	TSE		
	15:18:33.605	ALF	Order								9.2	200
	15:18:33.605	ALF	Quote		200	500	ALF	9.2	9.59	TSE		
	15:18:33.607	ALF	OrderAmend								9.21	600
	15:18:33.607	ALF	Quote		600	500	ALF	9.21	9.59	TSE		
	15:18:33.619	CHX	OrderAmend								9.21	200
	15:18:33.619	CHX	Quote		200	0	CHX	9.21	9.59	TSE		
	15:18:33.619	CHX	OrderCancel								9.2	200
	15:18:33.620	TSE	OrderAmend								9.17	200
	15:18:33.620	TSE	Quote		200	200	CHX	9.21	9.59	TSE		
	15:18:33.620	TSE	Order								9.21	200
	15:18:33.620	TSE	Quote		200	200	TSE	9.21	9.59	TSE		
	15:18:33.620	CHX	Order								9.21	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:18:33.620	CHX	Quote		400	0	TSE	9.21	9.59	TSE		
	15:18:33.621	ALF	OrderCancel								9.2	0
	15:18:33.634	CHX	OrderAmend								9.22	200
	15:18:33.634	CHX	Quote		200	0	CHX	9.22	9.59	TSE		
	15:18:33.636	TSE	OrderAmend								9.22	200
	15:18:33.636	TSE	Quote		200	200	TSE	9.22	9.59	TSE		
	15:18:33.636	CHX	OrderCancel								9.21	200
	15:18:33.637	ALF	Order								9.22	200
	15:18:33.637	ALF	Quote		200	500	ALF	9.22	9.59	TSE		
	15:18:33.637	TSE	OrderCancel								9.21	0
	15:18:33.637	TSE	Order								9.22	200
	15:18:33.637	TSE	Quote		400	200	ALF	9.22	9.59	TSE		
	15:18:33.639	ALF	OrderAmend								9.23	600
	15:18:33.639	ALF	Quote		600	500	ALF	9.23	9.59	TSE		
	15:18:33.837	ALF	OrderAmend								9.12	500
	15:18:34.045	TSE	OrderAmend								9.23	300
	15:18:34.085	CHX	Order								9.23	200
	15:18:34.085	CHX	Quote		200	0	CHX	9.23	9.59	TSE		
	15:18:34.087	ALF	OrderCancel								9.22	0
	15:18:34.087	TSE	OrderCancel								9.22	0
	15:18:34.087	TSE	Quote		200	200	CHX	9.23	9.59	TSE		
	15:18:34.087	TSE	Order								9.23	200
	15:18:34.087	TSE	Quote		200	200	TSE	9.23	9.59	TSE		
	15:18:34.101	CHX	OrderAmend								9.24	200
	15:18:34.101	CHX	Quote		200	0	CHX	9.24	9.59	TSE		
	15:18:34.102	CHX	OrderCancel								9.23	200
	15:18:34.103	TSE	OrderAmend								9.24	100
	15:18:34.103	TSE	Quote		100	200	TSE	9.24	9.59	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:18:34.104	ALF	Order								9.24	200
	15:18:34.104	ALF	Quote		200	500	ALF	9.24	9.59	TSE		
	15:18:34.104	TSE	OrderCancel								9.23	0
	15:18:34.104	TSE	Order								9.24	200
	15:18:34.104	TSE	Quote		300	200	ALF	9.24	9.59	TSE		
	15:18:34.118	CHX	OrderCancel								9.24	200
	15:18:34.118	CHX	Quote		0	0	ALF	9.24	9.59	TSE		
	15:18:34.119	ALF	OrderAmend								9.25	600
	15:18:34.119	ALF	Quote		600	500	ALF	9.25	9.59	TSE		
	15:18:34.120	TSE	OrderAmend								9.25	100
	15:18:34.120	TSE	Quote		100	200	TSE	9.25	9.59	TSE		
	15:18:34.120	TSE	OrderCancel								9.24	0
	15:18:34.120	TSE	Order								9.25	200
	15:18:34.120	TSE	Quote		300	200	TSE	9.25	9.59	TSE		
	15:18:34.120	CHX	Order								9.25	200
	15:18:34.120	CHX	Quote		200	0	TSE	9.25	9.59	TSE		
	15:18:34.121	ALF	OrderCancel								9.24	0
	15:18:34.136	TSE	OrderAmend								9.26	100
	15:18:34.136	TSE	Quote		100	200	TSE	9.26	9.59	TSE		
	15:18:34.139	ALF	OrderAmend								9.26	600
	15:18:34.139	ALF	Quote		600	500	ALF	9.26	9.59	TSE		
	15:18:34.139	CHX	OrderCancel								9.25	200
	15:18:34.139	CHX	Quote		0	0	ALF	9.26	9.59	TSE		
	15:18:34.139	CHX	Order								9.26	200
	15:18:34.139	CHX	Quote		200	0	ALF	9.26	9.59	TSE		
	15:18:34.140	TSE	OrderCancel								9.25	0
	15:18:34.140	TSE	Order								9.26	200
	15:18:34.140	TSE	Quote		300	200	TSE	9.26	9.59	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:18:35.045	TSE	OrderAmend								9.27	300
	15:18:36.353	ALF	OrderAmend								9.17	500
	15:19:14.311	TSE	OrderAmend								9.59	100
	15:19:14.311	TSE	Quote		300	100	TSE	9.26	9.59	TSE		
	15:29:32.974	TSE	OrderCancel								9.26	0
	15:29:32.974	TSE	Quote		200	100	TSE	9.26	9.59	TSE		
	15:29:32.974	TSE	OrderCancel								9.59	0
	15:29:32.974	TSE	Quote		200	600	TSE	9.26	9.6	TSE		
	15:29:33.046	TSE	OrderAmend								9.59	300
	15:29:44.008	TSE	Order								9.27	100
	15:29:44.008	TSE	Quote		100	600	TSE	9.27	9.6	TSE		
	15:29:44.011	ALF	OrderAmend								9.27	600
	15:29:44.011	ALF	Quote		600	500	ALF	9.27	9.6	TSE		
	15:29:44.011	CHX	OrderCancel								9.26	200
	15:29:44.011	CHX	Quote		0	0	ALF	9.27	9.6	TSE		
	15:29:44.011	CHX	Order								9.27	200
	15:29:44.011	CHX	Quote		200	0	ALF	9.27	9.6	TSE		
	15:29:44.012	TSE	OrderCancel								9.26	0
	15:29:44.012	TSE	Order								9.27	200
	15:29:44.012	TSE	Quote		300	600	TSE	9.27	9.6	TSE		
	15:29:44.045	TSE	OrderAmend								9.28	300
	15:29:45.896	TSE	OrderAmend								9.28	100
	15:29:45.896	TSE	Quote		100	600	TSE	9.28	9.6	TSE		
	15:29:45.901	ALF	OrderAmend								9.28	600
	15:29:45.901	ALF	Quote		600	500	ALF	9.28	9.6	TSE		
	15:29:45.901	CHX	OrderCancel								9.27	200
	15:29:45.901	CHX	Quote		0	0	ALF	9.28	9.6	TSE		
	15:29:45.901	CHX	Order								9.28	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:29:45.901	CHX	Quote		200	0	ALF	9.28	9.6	TSE		
	15:29:45.902	TSE	OrderCancel								9.27	0
	15:29:45.902	TSE	Order								9.28	200
	15:29:45.902	TSE	Quote		300	600	TSE	9.28	9.6	TSE		
	15:29:46.045	TSE	OrderAmend								9.29	300
	15:30:16.261	TSE	OrderCancel								9.28	0
	15:30:16.261	TSE	Quote		200	600	TSE	9.28	9.6	TSE		
	15:30:18.612	TSE	Order								9.29	100
	15:30:18.612	TSE	Quote		100	600	TSE	9.29	9.6	TSE		
	15:30:18.618	CHX	OrderCancel								9.28	200
	15:30:18.618	CHX	Quote		0	0	TSE	9.29	9.6	TSE		
	15:30:18.618	CHX	Order								9.29	200
	15:30:18.618	CHX	Quote		200	0	CHX	9.29	9.6	TSE		
	15:30:18.619	ALF	OrderAmend								9.29	600
	15:30:18.619	ALF	Quote		600	500	ALF	9.29	9.6	TSE		
	15:30:18.620	TSE	OrderCancel								9.28	0
	15:30:18.620	TSE	Order								9.29	200
	15:30:18.620	TSE	Quote		300	600	TSE	9.29	9.6	TSE		
	15:30:19.073	TSE	OrderAmend								9.3	300
	15:30:21.297	TSE	OrderAmend								9.3	100
	15:30:21.297	TSE	Quote		100	600	TSE	9.3	9.6	TSE		
	15:30:21.304	ALF	OrderAmend								9.3	600
	15:30:21.304	ALF	Quote		600	500	ALF	9.3	9.6	TSE		
	15:30:21.304	CHX	OrderCancel								9.29	200
	15:30:21.304	CHX	Quote		0	0	ALF	9.3	9.6	TSE		
	15:30:21.304	CHX	Order								9.3	200
	15:30:21.304	CHX	Quote		200	0	ALF	9.3	9.6	TSE		
	15:30:21.305	TSE	OrderCancel								9.29	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:30:21.305	TSE	Order								9.3	200
	15:30:21.305	TSE	Quote		300	600	TSE	9.3	9.6	TSE		
	15:30:22.072	TSE	OrderAmend								9.31	300
	15:39:24.861	ALF	OrderCancel								9.17	0
	15:39:24.868	ALF	OrderCancel								9.69	0
	15:39:24.868	ALF	Quote		600	0	ALF	9.3	9.6	TSE		
	15:53:07.111	TSE	Order								9.3	100
	15:53:07.111	TSE	Quote		400	600	TSE	9.3	9.6	TSE		
	15:53:16.944	TSE	OrderCancel								9.3	0
	15:53:16.944	TSE	Quote		300	600	TSE	9.3	9.6	TSE		
	15:53:21.131	TSE	OrderCancel								9.3	0
	15:53:21.131	TSE	Quote		200	600	TSE	9.3	9.6	TSE		
	15:53:23.116	TSE	Order								9.37	100
	15:53:23.116	TSE	Quote		100	600	TSE	9.37	9.6	TSE		
	15:53:23.137	CHX	OrderCancel								9.3	200
	15:53:23.137	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	15:53:23.137	CHX	Order								9.37	200
	15:53:23.137	CHX	Quote		200	0	CHX	9.37	9.6	TSE		
	15:53:23.138	ALF	OrderAmend								9.37	600
	15:53:23.138	ALF	Quote		600	0	ALF	9.37	9.6	TSE		
	15:53:23.139	TSE	OrderCancel								9.3	0
	15:53:23.139	TSE	Order								9.37	200
	15:53:23.139	TSE	Quote		300	600	TSE	9.37	9.6	TSE		
	15:53:24.049	TSE	OrderAmend								9.38	300
	15:53:24.050	TSE	OrderAmend								9.1	200
	15:53:24.050	TSE	OrderAmend								8.84	400
	15:53:26.148	TSE	OrderCancel								9.37	0
	15:53:26.148	TSE	Quote		200	600	TSE	9.37	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:53:28.132	CHX	OrderCancel								9.37	200
	15:53:28.132	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	15:53:28.133	TSE	Order								9.48	100
	15:53:28.133	TSE	Quote		100	600	TSE	9.48	9.6	TSE		
	15:53:28.134	TSE	OrderCancel								9.37	0
	15:53:29.046	TSE	OrderCancel								9.38	0
	15:53:29.051	TSE	Order								9.49	200
	15:53:31.158	CHX	Order								9.37	200
	15:53:31.158	CHX	Quote		200	0	TSE	9.48	9.6	TSE		
	15:53:31.159	TSE	OrderCancel								9.48	0
	15:53:31.159	TSE	Quote		200	600	CHX	9.37	9.6	TSE		
	15:53:31.160	TSE	Order								9.37	200
	15:53:31.160	TSE	Quote		200	600	TSE	9.37	9.6	TSE		
	15:53:32.048	TSE	OrderAmend								9.38	200
	15:53:33.136	CHX	OrderCancel								9.37	200
	15:53:33.136	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	15:53:33.138	TSE	Order								9.51	100
	15:53:33.138	TSE	Quote		100	600	TSE	9.51	9.6	TSE		
	15:53:33.138	TSE	OrderCancel								9.37	0
	15:53:34.048	TSE	OrderAmend								9.24	200
	15:53:34.049	TSE	OrderAmend								8.97	400
	15:53:36.160	CHX	Order								9.37	200
	15:53:36.160	CHX	Quote		200	0	TSE	9.51	9.6	TSE		
	15:53:36.161	TSE	OrderCancel								9.51	0
	15:53:36.161	TSE	Quote		200	600	CHX	9.37	9.6	TSE		
	15:53:36.162	TSE	Order								9.37	200
	15:53:36.162	TSE	Quote		200	600	TSE	9.37	9.6	TSE		
	15:53:36.633	CHX	OrderCancel								9.37	200

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:53:36.633	CHX	Quote		0	0	TSE	9.37	9.6	TSE		
	15:53:36.635	TSE	OrderCancel								9.37	0
	15:53:36.635	TSE	Quote		200	600	ALF	9.37	9.6	TSE		
	15:53:37.068	TSE	OrderAmend								8.97	200
	15:53:37.068	TSE	Quote		200	600	ALF	9.37	9.6	TSE		
	15:53:37.068	TSE	OrderAmend								8.71	400
	15:53:37.070	TSE	OrderAmend								9.25	200
	15:53:38.050	TSE	OrderAmend								9.17	200
	15:53:38.147	TSE	Order								9.29	100
	15:53:38.147	TSE	Quote		100	600	ALF	9.37	9.6	TSE		
	15:53:41.178	TSE	OrderCancel								9.29	0
	15:53:41.178	TSE	Quote		200	600	ALF	9.37	9.6	TSE		
	15:53:43.160	TSE	Order								9.29	100
	15:53:43.160	TSE	Quote		100	600	ALF	9.37	9.6	TSE		
	15:53:46.183	TSE	OrderCancel								9.29	0
	15:53:46.183	TSE	Quote		200	600	ALF	9.37	9.6	TSE		
	15:53:46.483	ALF	OrderAmend								9.29	600
	15:53:46.483	ALF	Quote		600	0	ALF	9.29	9.6	TSE		
	15:53:46.581	ALF	OrderAmend								9.17	600
	15:53:46.581	ALF	Quote		600	0	ALF	9.17	9.6	TSE		
	15:53:46.671	ALF	OrderAmend								9.3	600
	15:53:46.671	ALF	Quote		600	0	ALF	9.3	9.6	TSE		
	15:53:48.170	TSE	Order								9.29	100
	15:53:48.170	TSE	Quote		100	600	ALF	9.3	9.6	TSE		
	15:53:51.150	TSE	OrderCancel								9.29	0
	15:53:51.150	TSE	Quote		200	600	ALF	9.3	9.6	TSE		
	15:53:57.808	ALF	OrderAmend								9.17	600
	15:53:57.808	ALF	Quote		600	0	ALF	9.17	9.6	TSE		

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:54:08.101	TSE	Order								9.17	100
	15:54:08.101	TSE	Quote		100	600	TSE	9.17	9.6	TSE		
	15:54:09.050	TSE	OrderAmend								9.18	200
	15:54:35.635	CHX	Order								9.17	200
	15:54:35.635	CHX	Quote		200	0	CHX	9.17	9.6	TSE		
	15:54:35.637	TSE	Order								9.17	200
	15:54:35.637	TSE	Quote		300	600	TSE	9.17	9.6	TSE		
	15:57:00.159	ALF	Order								9.17	200
	15:57:00.159	ALF	Quote		800	0	ALF	9.17	9.6	TSE		
	15:59:45.172	CHX	OrderCancel								9.17	200
	15:59:45.172	CHX	Quote		0	0	ALF	9.17	9.6	TSE		
	15:59:45.175	TSE	OrderCancel								9.17	0
	15:59:45.175	TSE	Quote		100	600	TSE	9.17	9.6	TSE		
	15:59:45.182	ALF	OrderCancel								9.17	0
	15:59:45.182	ALF	Quote		600	0	ALF	9.17	9.6	TSE		
	15:59:51.170	CHX	Order								9.17	200
	15:59:51.170	CHX	Quote		200	0	CHX	9.17	9.6	TSE		
	15:59:51.172	TSE	Order								9.17	200
	15:59:51.172	TSE	Quote		300	600	TSE	9.17	9.6	TSE		
	15:59:51.174	ALF	Order								9.17	200
	15:59:51.174	ALF	Quote		800	0	ALF	9.17	9.6	TSE		
	15:59:51.286	TSE	OrderCancel								9.17	0
	15:59:51.286	TSE	Quote		200	600	TSE	9.17	9.6	TSE		
	15:59:52.670	CHX	OrderCancel								9.17	200
	15:59:52.670	CHX	Quote		0	0	TSE	9.17	9.6	TSE		
	15:59:52.672	TSE	OrderCancel								9.17	0
	15:59:52.672	TSE	Quote		200	600	ALF	9.17	9.6	TSE		
	15:59:52.673	ALF	OrderCancel								9.17	0

Client	Time	Market	Event	B/O	Bid Quantity	Offer Quantity	Market NBB	NBB	NBO	Market NBO	Price	Volume
	15:59:52.673	ALF	Quote		600	0	ALF	9.17	9.6	TSE		
	15:59:53.047	TSE	OrderAmend								9.17	200
	16:00:04.101	ALF	OrderCancel								9.17	0
	16:00:04.101	ALF	Quote		0	0	TSE	9.16	9.6	TSE		
	16:10:49.714	TSE	OrderCancel								9.16	0
	16:10:49.714	TSE	Quote		200	600	TSE	9.11	9.6	TSE		
	16:10:49.714	TSE	OrderCancel								9.11	0
	16:10:49.714	TSE	Quote		200	600	TSE	9.06	9.6	TSE		
	16:10:49.714	TSE	OrderCancel								9.75	0
	16:10:49.714	TSE	OrderCancel								9.8	0
	16:10:49.714	TSE	OrderCancel								9.06	0
	16:10:49.714	TSE	Quote		300	600	TSE	9.05	9.6	TSE		
	16:10:49.714	TSE	OrderCancel								9.7	0
	16:12:00.207	TSE	OrderCancel								9.6	0
	16:12:00.207	TSE	Quote		300	200	TSE	9.05	9.77	TSE		
	17:20:02.073	TMS	ClosingPrice								9.42	
	17:20:02.111	ALF	ClosingPrice								9.42	
	17:20:02.129	TSE	ClosingPrice								9.6	

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