

```

1  #      DEEP3.DOCX - XDP OPTIONS DEEP FEED
2  #
3  #      ALL SERIES RELATE TO ONE OF THREE UNDERLYINGS: ZN, ZVV, ZVZZT
4  #      THIS SCRIPT WAS GENERATED BY PLAYING ACTUAL SCENARIOS INTO THE
5  #      OPTIONS MATCHING ENGINE.  AS A RESULT THERE IS A CERTAIN AMOUNT OF
6  #      EXTRANEIOUS MAPPING MESSAGES AND HEARTBEATS.
7  #
8  #      THE FOLLOWING TABLE OF CONTENTS SHOWS SECTIONS OF MESSAGE CONTENT
9  #      WITH THEIR STARTING LINE NUMBERS IN THIS FILE
10 #
11 # Line      Content
12 # -----
13 # 60         SEQUENCE NUMBER RESETS
14 # 121        MAPPING MESSAGES
15 # 3488       HEARTBEATS
16 # 3571       SCENARIO MESSAGES
17 # 4264       REFRESH MESSAGES
18
19
20
21 =====PACKET
22
23     Header={pktSize=24
24             numberMsgs=1
25             deliveryFlag=1
26             seqNum=1
27             sendTime=1445358940
28             sendTimeNS=490349000 (2015/10/20 12:35:40.490349)}
29     StreamID:{size=8
30               type=455
31               streamID=48}
32
33
34 =====PACKET
35
36     Header={pktSize=24
37             numberMsgs=1
38             deliveryFlag=1
39             seqNum=1
40             sendTime=1445358940
41             sendTimeNS=508339000 (2015/10/20 12:35:40.508339)}
42     StreamID:{size=8
43               type=455
44               streamID=49}
45
46
47 =====PACKET
48
49     Header={pktSize=24
50             numberMsgs=1
51             deliveryFlag=1
52             seqNum=1
53             sendTime=1445358940
54             sendTimeNS=526560000 (2015/10/20 12:35:40.526560)}

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```
55     StreamID:{size=8
56         type=455
57         streamID=50}
58
59
60 # =====
61 # SEQUENCE NUMBER RESETS FOR THE 3 STREAMS: 48, 49, 50 =====
62 # =====
63
64 =====PACKET
65
66     Header={pktSize=40
67         numberMsgs=2
68         deliveryFlag=12
69         seqNum=1
70         sendTime=1445358941
71         sendTimeNS=267000 (2015/10/20 12:35:41.267)}
72     StreamID:{size=8
73         type=455
74         streamID=49}
75     Reset:{size=16
76         type=1
77         sourceTime=1445358941
78         sourceTimeNS=266000
79         productID=2
80         channelID=26}
81
82
83 =====PACKET
84
85     Header={pktSize=40
86         numberMsgs=2
87         deliveryFlag=12
88         seqNum=1
89         sendTime=1445358941
90         sendTimeNS=309000 (2015/10/20 12:35:41.309)}
91     StreamID:{size=8
92         type=455
93         streamID=50}
94     Reset:{size=16
95         type=1
96         sourceTime=1445358941
97         sourceTimeNS=309000
98         productID=2
99         channelID=26}
100
101
102 =====PACKET
103
104     Header={pktSize=40
105         numberMsgs=2
106         deliveryFlag=12
107         seqNum=1
108         sendTime=1445358941
```

```
109         sendTimeNS=314000 (2015/10/20 12:35:41.314)}
110     StreamID:{size=8
111         type=455
112         streamID=48}
113     Reset:{size=16
114         type=1
115         sourceTime=1445358941
116         sourceTimeNS=314000
117         productID=2
118         channelID=26}
119
120
121     # =====
122     # MAPPING MESSAGES =====
123     # =====
124
125     =====PACKET
126
127     Header={pktSize=1372
128         numberMsgs=24
129         deliveryFlag=11
130         seqNum=3
131         sendTime=1445358941
132         sendTimeNS=285514000 (2015/10/20 12:35:41.285514)}
133     StreamID:{size=8
134         type=455
135         streamID=50}
136     Symbol:{size=28
137         type=435
138         underlyingIndex=2610
139         symbol=ZN
140         channelID=26
141         marketID=8
142         systemID=3
143         exchangeCode='Q'
144         priceScale=4
145         securityType='C'
146         priceResolution=5}
147     Series:{size=60
148         type=437
149         seriesIndex=20691708
150         channelID=26
151         marketID=8
152         systemID=3
153         streamID=50
154         underlyingIndex=2610
155         contractMultiplier=100
156         expiry=151218
157         putOrCall=0
158         strikePrice=7.5
159         underlyingSymbol=ZN
160         OCCRootCode=ZN
161         groupID=52200
162         priceScale=4}
```

```
163     Series:{size=60
164         type=437
165         seriesIndex=20691707
166         channelID=26
167         marketID=8
168         systemID=3
169         streamID=50
170         underlyingIndex=2610
171         contractMultiplier=100
172         expiry=151218
173         putOrCall=0
174         strikePrice=5
175         underlyingSymbol=ZN
176         OCCRootCode=ZN
177         groupID=52200
178         priceScale=4}
179     Series:{size=60
180         type=437
181         seriesIndex=20691706
182         channelID=26
183         marketID=8
184         systemID=3
185         streamID=50
186         underlyingIndex=2610
187         contractMultiplier=100
188         expiry=151218
189         putOrCall=0
190         strikePrice=2.5
191         underlyingSymbol=ZN
192         OCCRootCode=ZN
193         groupID=52200
194         priceScale=4}
195     Series:{size=60
196         type=437
197         seriesIndex=20691705
198         channelID=26
199         marketID=8
200         systemID=3
201         streamID=50
202         underlyingIndex=2610
203         contractMultiplier=100
204         expiry=151120
205         putOrCall=0
206         strikePrice=7.5
207         underlyingSymbol=ZN
208         OCCRootCode=ZN
209         groupID=52200
210         priceScale=4}
211     Series:{size=60
212         type=437
213         seriesIndex=20691704
214         channelID=26
215         marketID=8
216         systemID=3
```

```
217         streamID=50
218         underlyingIndex=2610
219         contractMultiplier=100
220         expiry=151120
221         putOrCall=0
222         strikePrice=5
223         underlyingSymbol=ZN
224         OCCRootCode=ZN
225         groupID=52200
226         priceScale=4}
227     Series:{size=60
228         type=437
229         seriesIndex=20691703
230         channelID=26
231         marketID=8
232         systemID=3
233         streamID=50
234         underlyingIndex=2610
235         contractMultiplier=100
236         expiry=151120
237         putOrCall=0
238         strikePrice=2.5
239         underlyingSymbol=ZN
240         OCCRootCode=ZN
241         groupID=52200
242         priceScale=4}
243     Series:{size=60
244         type=437
245         seriesIndex=20691702
246         channelID=26
247         marketID=8
248         systemID=3
249         streamID=50
250         underlyingIndex=2610
251         contractMultiplier=100
252         expiry=160617
253         putOrCall=0
254         strikePrice=7.5
255         underlyingSymbol=ZN
256         OCCRootCode=ZN
257         groupID=52200
258         priceScale=4}
259     Series:{size=60
260         type=437
261         seriesIndex=20691701
262         channelID=26
263         marketID=8
264         systemID=3
265         streamID=50
266         underlyingIndex=2610
267         contractMultiplier=100
268         expiry=160617
269         putOrCall=0
270         strikePrice=5
```

```
271         underlyingSymbol=ZN
272         OCCRootCode=ZN
273         groupID=52200
274         priceScale=4}
275     Series:{size=60
276         type=437
277         seriesIndex=20691700
278         channelID=26
279         marketID=8
280         systemID=3
281         streamID=50
282         underlyingIndex=2610
283         contractMultiplier=100
284         expiry=160617
285         putOrCall=0
286         strikePrice=2.5
287         underlyingSymbol=ZN
288         OCCRootCode=ZN
289         groupID=52200
290         priceScale=4}
291     Series:{size=60
292         type=437
293         seriesIndex=20691699
294         channelID=26
295         marketID=8
296         systemID=3
297         streamID=50
298         underlyingIndex=2610
299         contractMultiplier=100
300         expiry=160318
301         putOrCall=0
302         strikePrice=7.5
303         underlyingSymbol=ZN
304         OCCRootCode=ZN
305         groupID=52200
306         priceScale=4}
307     Series:{size=60
308         type=437
309         seriesIndex=20691698
310         channelID=26
311         marketID=8
312         systemID=3
313         streamID=50
314         underlyingIndex=2610
315         contractMultiplier=100
316         expiry=160318
317         putOrCall=0
318         strikePrice=5
319         underlyingSymbol=ZN
320         OCCRootCode=ZN
321         groupID=52200
322         priceScale=4}
323     Series:{size=60
324         type=437
```

```
325     seriesIndex=20691697
326     channelID=26
327     marketID=8
328     systemID=3
329     streamID=50
330     underlyingIndex=2610
331     contractMultiplier=100
332     expiry=160318
333     putOrCall=0
334     strikePrice=2.5
335     underlyingSymbol=ZN
336     OCCRootCode=ZN
337     groupID=52200
338     priceScale=4}
339 Series:{size=60
340     type=437
341     seriesIndex=20691696
342     channelID=26
343     marketID=8
344     systemID=3
345     streamID=50
346     underlyingIndex=2610
347     contractMultiplier=100
348     expiry=151218
349     putOrCall=1
350     strikePrice=7.5
351     underlyingSymbol=ZN
352     OCCRootCode=ZN
353     groupID=52200
354     priceScale=4}
355 Series:{size=60
356     type=437
357     seriesIndex=20691695
358     channelID=26
359     marketID=8
360     systemID=3
361     streamID=50
362     underlyingIndex=2610
363     contractMultiplier=100
364     expiry=151218
365     putOrCall=1
366     strikePrice=5
367     underlyingSymbol=ZN
368     OCCRootCode=ZN
369     groupID=52200
370     priceScale=4}
371 Series:{size=60
372     type=437
373     seriesIndex=20691694
374     channelID=26
375     marketID=8
376     systemID=3
377     streamID=50
378     underlyingIndex=2610
```

```
379         contractMultiplier=100
380         expiry=151218
381         putOrCall=1
382         strikePrice=2.5
383         underlyingSymbol=ZN
384         OCCRootCode=ZN
385         groupID=52200
386         priceScale=4}
387     Series:{size=60
388         type=437
389         seriesIndex=20691693
390         channelID=26
391         marketID=8
392         systemID=3
393         streamID=50
394         underlyingIndex=2610
395         contractMultiplier=100
396         expiry=151120
397         putOrCall=1
398         strikePrice=7.5
399         underlyingSymbol=ZN
400         OCCRootCode=ZN
401         groupID=52200
402         priceScale=4}
403     Series:{size=60
404         type=437
405         seriesIndex=20691692
406         channelID=26
407         marketID=8
408         systemID=3
409         streamID=50
410         underlyingIndex=2610
411         contractMultiplier=100
412         expiry=151120
413         putOrCall=1
414         strikePrice=5
415         underlyingSymbol=ZN
416         OCCRootCode=ZN
417         groupID=52200
418         priceScale=4}
419     Series:{size=60
420         type=437
421         seriesIndex=20691691
422         channelID=26
423         marketID=8
424         systemID=3
425         streamID=50
426         underlyingIndex=2610
427         contractMultiplier=100
428         expiry=151120
429         putOrCall=1
430         strikePrice=2.5
431         underlyingSymbol=ZN
432         OCCRootCode=ZN
```

```
433         groupID=52200
434         priceScale=4}
435 Series:{size=60
436         type=437
437         seriesIndex=20691690
438         channelID=26
439         marketID=8
440         systemID=3
441         streamID=50
442         underlyingIndex=2610
443         contractMultiplier=100
444         expiry=160617
445         putOrCall=1
446         strikePrice=7.5
447         underlyingSymbol=ZN
448         OCCRootCode=ZN
449         groupID=52200
450         priceScale=4}
451 Series:{size=60
452         type=437
453         seriesIndex=20691689
454         channelID=26
455         marketID=8
456         systemID=3
457         streamID=50
458         underlyingIndex=2610
459         contractMultiplier=100
460         expiry=160617
461         putOrCall=1
462         strikePrice=5
463         underlyingSymbol=ZN
464         OCCRootCode=ZN
465         groupID=52200
466         priceScale=4}
467 Series:{size=60
468         type=437
469         seriesIndex=20691688
470         channelID=26
471         marketID=8
472         systemID=3
473         streamID=50
474         underlyingIndex=2610
475         contractMultiplier=100
476         expiry=160617
477         putOrCall=1
478         strikePrice=2.5
479         underlyingSymbol=ZN
480         OCCRootCode=ZN
481         groupID=52200
482         priceScale=4}
483 Series:{size=60
484         type=437
485         seriesIndex=20691687
486         channelID=26
```

```
487         marketID=8
488         systemID=3
489         streamID=50
490         underlyingIndex=2610
491         contractMultiplier=100
492         expiry=160318
493         putOrCall=1
494         strikePrice=7.5
495         underlyingSymbol=ZN
496         OCCRootCode=ZN
497         groupID=52200
498         priceScale=4}
499
500
501 =====PACKET
502
503     Header={pktSize=1372
504             numberMsgs=24
505             deliveryFlag=11
506             seqNum=27
507             sendTime=1445358941
508             sendTimeNS=288766000 (2015/10/20 12:35:41.288766)}
509     StreamID:{size=8
510              type=455
511              streamID=50}
512     Series:{size=60
513            type=437
514            seriesIndex=20691686
515            channelID=26
516            marketID=8
517            systemID=3
518            streamID=50
519            underlyingIndex=2610
520            contractMultiplier=100
521            expiry=160318
522            putOrCall=1
523            strikePrice=5
524            underlyingSymbol=ZN
525            OCCRootCode=ZN
526            groupID=52200
527            priceScale=4}
528     Series:{size=60
529            type=437
530            seriesIndex=20691685
531            channelID=26
532            marketID=8
533            systemID=3
534            streamID=50
535            underlyingIndex=2610
536            contractMultiplier=100
537            expiry=160318
538            putOrCall=1
539            strikePrice=2.5
540            underlyingSymbol=ZN
```

```
541         OCCRootCode=ZN
542         groupID=52200
543         priceScale=4}
544     Symbol:{size=28
545         type=435
546         underlyingIndex=2619
547         symbol=ZVV
548         channelID=26
549         marketID=8
550         systemID=3
551         exchangeCode='P'
552         priceScale=4
553         securityType='E'
554         priceResolution=5}
555     Series:{size=60
556         type=437
557         seriesIndex=20693806
558         channelID=26
559         marketID=8
560         systemID=3
561         streamID=50
562         underlyingIndex=2619
563         contractMultiplier=100
564         expiry=160116
565         putOrCall=0
566         strikePrice=615
567         underlyingSymbol=ZVV
568         OCCRootCode=ZVV
569         groupID=52380
570         priceScale=4}
571     Series:{size=60
572         type=437
573         seriesIndex=20693805
574         channelID=26
575         marketID=8
576         systemID=3
577         streamID=50
578         underlyingIndex=2619
579         contractMultiplier=100
580         expiry=160116
581         putOrCall=0
582         strikePrice=610
583         underlyingSymbol=ZVV
584         OCCRootCode=ZVV
585         groupID=52380
586         priceScale=4}
587     Series:{size=60
588         type=437
589         seriesIndex=20693804
590         channelID=26
591         marketID=8
592         systemID=3
593         streamID=50
594         underlyingIndex=2619
```

```
595         contractMultiplier=100
596         expiry=160116
597         putOrCall=0
598         strikePrice=606
599         underlyingSymbol=ZVV
600         OCCRootCode=ZVV
601         groupID=52380
602         priceScale=4}
603     Series:{size=60
604         type=437
605         seriesIndex=20693803
606         channelID=26
607         marketID=8
608         systemID=3
609         streamID=50
610         underlyingIndex=2619
611         contractMultiplier=100
612         expiry=160116
613         putOrCall=0
614         strikePrice=601
615         underlyingSymbol=ZVV
616         OCCRootCode=ZVV
617         groupID=52380
618         priceScale=4}
619     Series:{size=60
620         type=437
621         seriesIndex=20693802
622         channelID=26
623         marketID=8
624         systemID=3
625         streamID=50
626         underlyingIndex=2619
627         contractMultiplier=100
628         expiry=160116
629         putOrCall=0
630         strikePrice=600
631         underlyingSymbol=ZVV
632         OCCRootCode=ZVV
633         groupID=52380
634         priceScale=4}
635     Series:{size=60
636         type=437
637         seriesIndex=20693801
638         channelID=26
639         marketID=8
640         systemID=3
641         streamID=50
642         underlyingIndex=2619
643         contractMultiplier=100
644         expiry=160116
645         putOrCall=0
646         strikePrice=595
647         underlyingSymbol=ZVV
648         OCCRootCode=ZVV
```

```
649         groupID=52380
650         priceScale=4}
651     Series:{size=60
652         type=437
653         seriesIndex=20693800
654         channelID=26
655         marketID=8
656         systemID=3
657         streamID=50
658         underlyingIndex=2619
659         contractMultiplier=100
660         expiry=160116
661         putOrCall=0
662         strikePrice=590
663         underlyingSymbol=ZVV
664         OCCRootCode=ZVV
665         groupID=52380
666         priceScale=4}
667     Series:{size=60
668         type=437
669         seriesIndex=20693799
670         channelID=26
671         marketID=8
672         systemID=3
673         streamID=50
674         underlyingIndex=2619
675         contractMultiplier=100
676         expiry=160116
677         putOrCall=0
678         strikePrice=585
679         underlyingSymbol=ZVV
680         OCCRootCode=ZVV
681         groupID=52380
682         priceScale=4}
683     Series:{size=60
684         type=437
685         seriesIndex=20693798
686         channelID=26
687         marketID=8
688         systemID=3
689         streamID=50
690         underlyingIndex=2619
691         contractMultiplier=100
692         expiry=160116
693         putOrCall=0
694         strikePrice=580
695         underlyingSymbol=ZVV
696         OCCRootCode=ZVV
697         groupID=52380
698         priceScale=4}
699     Series:{size=60
700         type=437
701         seriesIndex=20693797
702         channelID=26
```

```
703         marketID=8
704         systemID=3
705         streamID=50
706         underlyingIndex=2619
707         contractMultiplier=100
708         expiry=160116
709         putOrCall=0
710         strikePrice=575
711         underlyingSymbol=ZVV
712         OCCRootCode=ZVV
713         groupID=52380
714         priceScale=4}
715     Series:{size=60
716         type=437
717         seriesIndex=20693796
718         channelID=26
719         marketID=8
720         systemID=3
721         streamID=50
722         underlyingIndex=2619
723         contractMultiplier=100
724         expiry=160116
725         putOrCall=0
726         strikePrice=570
727         underlyingSymbol=ZVV
728         OCCRootCode=ZVV
729         groupID=52380
730         priceScale=4}
731     Series:{size=60
732         type=437
733         seriesIndex=20693795
734         channelID=26
735         marketID=8
736         systemID=3
737         streamID=50
738         underlyingIndex=2619
739         contractMultiplier=100
740         expiry=160116
741         putOrCall=0
742         strikePrice=565
743         underlyingSymbol=ZVV
744         OCCRootCode=ZVV
745         groupID=52380
746         priceScale=4}
747     Series:{size=60
748         type=437
749         seriesIndex=20693794
750         channelID=26
751         marketID=8
752         systemID=3
753         streamID=50
754         underlyingIndex=2619
755         contractMultiplier=100
756         expiry=160116
```

```
757         putOrCall=0
758         strikePrice=560
759         underlyingSymbol=ZVV
760         OCCRootCode=ZVV
761         groupID=52380
762         priceScale=4}
763     Series:{size=60
764         type=437
765         seriesIndex=20693793
766         channelID=26
767         marketID=8
768         systemID=3
769         streamID=50
770         underlyingIndex=2619
771         contractMultiplier=100
772         expiry=160116
773         putOrCall=0
774         strikePrice=555
775         underlyingSymbol=ZVV
776         OCCRootCode=ZVV
777         groupID=52380
778         priceScale=4}
779     Series:{size=60
780         type=437
781         seriesIndex=20693792
782         channelID=26
783         marketID=8
784         systemID=3
785         streamID=50
786         underlyingIndex=2619
787         contractMultiplier=100
788         expiry=160116
789         putOrCall=0
790         strikePrice=550
791         underlyingSymbol=ZVV
792         OCCRootCode=ZVV
793         groupID=52380
794         priceScale=4}
795     Series:{size=60
796         type=437
797         seriesIndex=20693791
798         channelID=26
799         marketID=8
800         systemID=3
801         streamID=50
802         underlyingIndex=2619
803         contractMultiplier=100
804         expiry=160116
805         putOrCall=0
806         strikePrice=545
807         underlyingSymbol=ZVV
808         OCCRootCode=ZVV
809         groupID=52380
810         priceScale=4}
```

```
811 Series:{size=60
812     type=437
813     seriesIndex=20693790
814     channelID=26
815     marketID=8
816     systemID=3
817     streamID=50
818     underlyingIndex=2619
819     contractMultiplier=100
820     expiry=160116
821     putOrCall=0
822     strikePrice=540
823     underlyingSymbol=ZVV
824     OCCRootCode=ZVV
825     groupID=52380
826     priceScale=4}
827 Series:{size=60
828     type=437
829     seriesIndex=20693789
830     channelID=26
831     marketID=8
832     systemID=3
833     streamID=50
834     underlyingIndex=2619
835     contractMultiplier=100
836     expiry=160116
837     putOrCall=0
838     strikePrice=535
839     underlyingSymbol=ZVV
840     OCCRootCode=ZVV
841     groupID=52380
842     priceScale=4}
843 Series:{size=60
844     type=437
845     seriesIndex=20693788
846     channelID=26
847     marketID=8
848     systemID=3
849     streamID=50
850     underlyingIndex=2619
851     contractMultiplier=100
852     expiry=160116
853     putOrCall=0
854     strikePrice=530
855     underlyingSymbol=ZVV
856     OCCRootCode=ZVV
857     groupID=52380
858     priceScale=4}
859 Series:{size=60
860     type=437
861     seriesIndex=20693787
862     channelID=26
863     marketID=8
864     systemID=3
```

```
865         streamID=50
866         underlyingIndex=2619
867         contractMultiplier=100
868         expiry=160116
869         putOrCall=0
870         strikePrice=525
871         underlyingSymbol=ZVV
872         OCCRootCode=ZVV
873         groupID=52380
874         priceScale=4}
875
876
877 =====PACKET
878
879     Header={pktSize=1344
880             numberMsgs=23
881             deliveryFlag=11
882             seqNum=51
883             sendTime=1445358941
884             sendTimeNS=288882000 (2015/10/20 12:35:41.288882)}
885     StreamID:{size=8
886               type=455
887               streamID=50}
888     Series:{size=60
889            type=437
890            seriesIndex=20693786
891            channelID=26
892            marketID=8
893            systemID=3
894            streamID=50
895            underlyingIndex=2619
896            contractMultiplier=100
897            expiry=160116
898            putOrCall=0
899            strikePrice=520
900            underlyingSymbol=ZVV
901            OCCRootCode=ZVV
902            groupID=52380
903            priceScale=4}
904     Series:{size=60
905            type=437
906            seriesIndex=20693785
907            channelID=26
908            marketID=8
909            systemID=3
910            streamID=50
911            underlyingIndex=2619
912            contractMultiplier=100
913            expiry=160116
914            putOrCall=0
915            strikePrice=515
916            underlyingSymbol=ZVV
917            OCCRootCode=ZVV
918            groupID=52380
```

```
919     priceScale=4}
920 Series:{size=60
921     type=437
922     seriesIndex=20693784
923     channelID=26
924     marketID=8
925     systemID=3
926     streamID=50
927     underlyingIndex=2619
928     contractMultiplier=100
929     expiry=160116
930     putOrCall=0
931     strikePrice=510
932     underlyingSymbol=ZVV
933     OCCRootCode=ZVV
934     groupID=52380
935     priceScale=4}
936 Series:{size=60
937     type=437
938     seriesIndex=20693783
939     channelID=26
940     marketID=8
941     systemID=3
942     streamID=50
943     underlyingIndex=2619
944     contractMultiplier=100
945     expiry=160116
946     putOrCall=0
947     strikePrice=505
948     underlyingSymbol=ZVV
949     OCCRootCode=ZVV
950     groupID=52380
951     priceScale=4}
952 Series:{size=60
953     type=437
954     seriesIndex=20693782
955     channelID=26
956     marketID=8
957     systemID=3
958     streamID=50
959     underlyingIndex=2619
960     contractMultiplier=100
961     expiry=160116
962     putOrCall=0
963     strikePrice=500
964     underlyingSymbol=ZVV
965     OCCRootCode=ZVV
966     groupID=52380
967     priceScale=4}
968 Series:{size=60
969     type=437
970     seriesIndex=20693781
971     channelID=26
972     marketID=8
```

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973         systemID=3
974         streamID=50
975         underlyingIndex=2619
976         contractMultiplier=100
977         expiry=160116
978         putOrCall=0
979         strikePrice=200
980         underlyingSymbol=ZVV
981         OCCRootCode=ZVV
982         groupID=52380
983         priceScale=4}
984     Series:{size=60
985         type=437
986         seriesIndex=20693780
987         channelID=26
988         marketID=8
989         systemID=3
990         streamID=50
991         underlyingIndex=2619
992         contractMultiplier=100
993         expiry=160116
994         putOrCall=0
995         strikePrice=195
996         underlyingSymbol=ZVV
997         OCCRootCode=ZVV
998         groupID=52380
999         priceScale=4}
1000     Series:{size=60
1001         type=437
1002         seriesIndex=20693779
1003         channelID=26
1004         marketID=8
1005         systemID=3
1006         streamID=50
1007         underlyingIndex=2619
1008         contractMultiplier=100
1009         expiry=160116
1010         putOrCall=0
1011         strikePrice=190
1012         underlyingSymbol=ZVV
1013         OCCRootCode=ZVV
1014         groupID=52380
1015         priceScale=4}
1016     Series:{size=60
1017         type=437
1018         seriesIndex=20693778
1019         channelID=26
1020         marketID=8
1021         systemID=3
1022         streamID=50
1023         underlyingIndex=2619
1024         contractMultiplier=100
1025         expiry=160116
1026         putOrCall=0
```

1027 strikePrice=185
1028 underlyingSymbol=ZVV
1029 OCCRootCode=ZVV
1030 groupID=52380
1031 priceScale=4}
1032 Series:{size=60
1033 type=437
1034 seriesIndex=20693777
1035 channelID=26
1036 marketID=8
1037 systemID=3
1038 streamID=50
1039 underlyingIndex=2619
1040 contractMultiplier=100
1041 expiry=160116
1042 putOrCall=0
1043 strikePrice=180
1044 underlyingSymbol=ZVV
1045 OCCRootCode=ZVV
1046 groupID=52380
1047 priceScale=4}
1048 Series:{size=60
1049 type=437
1050 seriesIndex=20693776
1051 channelID=26
1052 marketID=8
1053 systemID=3
1054 streamID=50
1055 underlyingIndex=2619
1056 contractMultiplier=100
1057 expiry=160116
1058 putOrCall=0
1059 strikePrice=175
1060 underlyingSymbol=ZVV
1061 OCCRootCode=ZVV
1062 groupID=52380
1063 priceScale=4}
1064 Series:{size=60
1065 type=437
1066 seriesIndex=20693775
1067 channelID=26
1068 marketID=8
1069 systemID=3
1070 streamID=50
1071 underlyingIndex=2619
1072 contractMultiplier=100
1073 expiry=160116
1074 putOrCall=0
1075 strikePrice=170
1076 underlyingSymbol=ZVV
1077 OCCRootCode=ZVV
1078 groupID=52380
1079 priceScale=4}
1080 Series:{size=60

1081 type=437
1082 seriesIndex=20693774
1083 channelID=26
1084 marketID=8
1085 systemID=3
1086 streamID=50
1087 underlyingIndex=2619
1088 contractMultiplier=100
1089 expiry=160116
1090 putOrCall=0
1091 strikePrice=165
1092 underlyingSymbol=ZVV
1093 OCCRootCode=ZVV
1094 groupID=52380
1095 priceScale=4}
1096 Series:{size=60
1097 type=437
1098 seriesIndex=20693773
1099 channelID=26
1100 marketID=8
1101 systemID=3
1102 streamID=50
1103 underlyingIndex=2619
1104 contractMultiplier=100
1105 expiry=160116
1106 putOrCall=0
1107 strikePrice=160
1108 underlyingSymbol=ZVV
1109 OCCRootCode=ZVV
1110 groupID=52380
1111 priceScale=4}
1112 Series:{size=60
1113 type=437
1114 seriesIndex=20693772
1115 channelID=26
1116 marketID=8
1117 systemID=3
1118 streamID=50
1119 underlyingIndex=2619
1120 contractMultiplier=100
1121 expiry=160116
1122 putOrCall=0
1123 strikePrice=155
1124 underlyingSymbol=ZVV
1125 OCCRootCode=ZVV
1126 groupID=52380
1127 priceScale=4}
1128 Series:{size=60
1129 type=437
1130 seriesIndex=20693771
1131 channelID=26
1132 marketID=8
1133 systemID=3
1134 streamID=50

1135 underlyingIndex=2619
1136 contractMultiplier=100
1137 expiry=160116
1138 putOrCall=0
1139 strikePrice=150
1140 underlyingSymbol=ZVV
1141 OCCRootCode=ZVV
1142 groupID=52380
1143 priceScale=4}
1144 Series:{size=60
1145 type=437
1146 seriesIndex=20693770
1147 channelID=26
1148 marketID=8
1149 systemID=3
1150 streamID=50
1151 underlyingIndex=2619
1152 contractMultiplier=100
1153 expiry=160116
1154 putOrCall=0
1155 strikePrice=145
1156 underlyingSymbol=ZVV
1157 OCCRootCode=ZVV
1158 groupID=52380
1159 priceScale=4}
1160 Series:{size=60
1161 type=437
1162 seriesIndex=20693769
1163 channelID=26
1164 marketID=8
1165 systemID=3
1166 streamID=50
1167 underlyingIndex=2619
1168 contractMultiplier=100
1169 expiry=160116
1170 putOrCall=0
1171 strikePrice=140
1172 underlyingSymbol=ZVV
1173 OCCRootCode=ZVV
1174 groupID=52380
1175 priceScale=4}
1176 Series:{size=60
1177 type=437
1178 seriesIndex=20693768
1179 channelID=26
1180 marketID=8
1181 systemID=3
1182 streamID=50
1183 underlyingIndex=2619
1184 contractMultiplier=100
1185 expiry=160116
1186 putOrCall=0
1187 strikePrice=135
1188 underlyingSymbol=ZVV

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1189         OCCRootCode=ZVV
1190         groupID=52380
1191         priceScale=4}
1192     Series:{size=60
1193         type=437
1194         seriesIndex=20693767
1195         channelID=26
1196         marketID=8
1197         systemID=3
1198         streamID=50
1199         underlyingIndex=2619
1200         contractMultiplier=100
1201         expiry=160116
1202         putOrCall=0
1203         strikePrice=130
1204         underlyingSymbol=ZVV
1205         OCCRootCode=ZVV
1206         groupID=52380
1207         priceScale=4}
1208     Series:{size=60
1209         type=437
1210         seriesIndex=20693766
1211         channelID=26
1212         marketID=8
1213         systemID=3
1214         streamID=50
1215         underlyingIndex=2619
1216         contractMultiplier=100
1217         expiry=160116
1218         putOrCall=0
1219         strikePrice=125
1220         underlyingSymbol=ZVV
1221         OCCRootCode=ZVV
1222         groupID=52380
1223         priceScale=4}
1224     Series:{size=60
1225         type=437
1226         seriesIndex=20693765
1227         channelID=26
1228         marketID=8
1229         systemID=3
1230         streamID=50
1231         underlyingIndex=2619
1232         contractMultiplier=100
1233         expiry=160116
1234         putOrCall=0
1235         strikePrice=120
1236         underlyingSymbol=ZVV
1237         OCCRootCode=ZVV
1238         groupID=52380
1239         priceScale=4}
1240
1241
1242     =====PACKET
```

```
1243
1244 Header={pktSize=1344
1245         numberMsgs=23
1246         deliveryFlag=11
1247         seqNum=74
1248         sendTime=1445358941
1249         sendTimeNS=288991000 (2015/10/20 12:35:41.288991)}
1250 StreamID:{size=8
1251         type=455
1252         streamID=50}
1253 Series:{size=60
1254         type=437
1255         seriesIndex=20693764
1256         channelID=26
1257         marketID=8
1258         systemID=3
1259         streamID=50
1260         underlyingIndex=2619
1261         contractMultiplier=100
1262         expiry=160116
1263         putOrCall=0
1264         strikePrice=115
1265         underlyingSymbol=ZVV
1266         OCCRootCode=ZVV
1267         groupID=52380
1268         priceScale=4}
1269 Series:{size=60
1270         type=437
1271         seriesIndex=20693763
1272         channelID=26
1273         marketID=8
1274         systemID=3
1275         streamID=50
1276         underlyingIndex=2619
1277         contractMultiplier=100
1278         expiry=160116
1279         putOrCall=0
1280         strikePrice=110
1281         underlyingSymbol=ZVV
1282         OCCRootCode=ZVV
1283         groupID=52380
1284         priceScale=4}
1285 Series:{size=60
1286         type=437
1287         seriesIndex=20693762
1288         channelID=26
1289         marketID=8
1290         systemID=3
1291         streamID=50
1292         underlyingIndex=2619
1293         contractMultiplier=100
1294         expiry=160116
1295         putOrCall=0
1296         strikePrice=105
```

1297 underlyingSymbol=ZVV
1298 OCCRootCode=ZVV
1299 groupID=52380
1300 priceScale=4}
1301 Series:{size=60
1302 type=437
1303 seriesIndex=20693761
1304 channelID=26
1305 marketID=8
1306 systemID=3
1307 streamID=50
1308 underlyingIndex=2619
1309 contractMultiplier=100
1310 expiry=160116
1311 putOrCall=0
1312 strikePrice=100
1313 underlyingSymbol=ZVV
1314 OCCRootCode=ZVV
1315 groupID=52380
1316 priceScale=4}
1317 Series:{size=60
1318 type=437
1319 seriesIndex=20693760
1320 channelID=26
1321 marketID=8
1322 systemID=3
1323 streamID=50
1324 underlyingIndex=2619
1325 contractMultiplier=100
1326 expiry=160116
1327 putOrCall=1
1328 strikePrice=615
1329 underlyingSymbol=ZVV
1330 OCCRootCode=ZVV
1331 groupID=52380
1332 priceScale=4}
1333 Series:{size=60
1334 type=437
1335 seriesIndex=20693759
1336 channelID=26
1337 marketID=8
1338 systemID=3
1339 streamID=50
1340 underlyingIndex=2619
1341 contractMultiplier=100
1342 expiry=160116
1343 putOrCall=1
1344 strikePrice=610
1345 underlyingSymbol=ZVV
1346 OCCRootCode=ZVV
1347 groupID=52380
1348 priceScale=4}
1349 Series:{size=60
1350 type=437

1351 seriesIndex=20693758
1352 channelID=26
1353 marketID=8
1354 systemID=3
1355 streamID=50
1356 underlyingIndex=2619
1357 contractMultiplier=100
1358 expiry=160116
1359 putOrCall=1
1360 strikePrice=606
1361 underlyingSymbol=ZVV
1362 OCCRootCode=ZVV
1363 groupID=52380
1364 priceScale=4}
1365 Series:{size=60
1366 type=437
1367 seriesIndex=20693757
1368 channelID=26
1369 marketID=8
1370 systemID=3
1371 streamID=50
1372 underlyingIndex=2619
1373 contractMultiplier=100
1374 expiry=160116
1375 putOrCall=1
1376 strikePrice=601
1377 underlyingSymbol=ZVV
1378 OCCRootCode=ZVV
1379 groupID=52380
1380 priceScale=4}
1381 Series:{size=60
1382 type=437
1383 seriesIndex=20693756
1384 channelID=26
1385 marketID=8
1386 systemID=3
1387 streamID=50
1388 underlyingIndex=2619
1389 contractMultiplier=100
1390 expiry=160116
1391 putOrCall=1
1392 strikePrice=600
1393 underlyingSymbol=ZVV
1394 OCCRootCode=ZVV
1395 groupID=52380
1396 priceScale=4}
1397 Series:{size=60
1398 type=437
1399 seriesIndex=20693755
1400 channelID=26
1401 marketID=8
1402 systemID=3
1403 streamID=50
1404 underlyingIndex=2619

```
1405         contractMultiplier=100
1406         expiry=160116
1407         putOrCall=1
1408         strikePrice=595
1409         underlyingSymbol=ZVV
1410         OCCRootCode=ZVV
1411         groupID=52380
1412         priceScale=4}
1413     Series:{size=60
1414         type=437
1415         seriesIndex=20693754
1416         channelID=26
1417         marketID=8
1418         systemID=3
1419         streamID=50
1420         underlyingIndex=2619
1421         contractMultiplier=100
1422         expiry=160116
1423         putOrCall=1
1424         strikePrice=590
1425         underlyingSymbol=ZVV
1426         OCCRootCode=ZVV
1427         groupID=52380
1428         priceScale=4}
1429     Series:{size=60
1430         type=437
1431         seriesIndex=20693753
1432         channelID=26
1433         marketID=8
1434         systemID=3
1435         streamID=50
1436         underlyingIndex=2619
1437         contractMultiplier=100
1438         expiry=160116
1439         putOrCall=1
1440         strikePrice=585
1441         underlyingSymbol=ZVV
1442         OCCRootCode=ZVV
1443         groupID=52380
1444         priceScale=4}
1445     Series:{size=60
1446         type=437
1447         seriesIndex=20693752
1448         channelID=26
1449         marketID=8
1450         systemID=3
1451         streamID=50
1452         underlyingIndex=2619
1453         contractMultiplier=100
1454         expiry=160116
1455         putOrCall=1
1456         strikePrice=580
1457         underlyingSymbol=ZVV
1458         OCCRootCode=ZVV
```

```
1459         groupID=52380
1460         priceScale=4}
1461     Series:{size=60
1462         type=437
1463         seriesIndex=20693751
1464         channelID=26
1465         marketID=8
1466         systemID=3
1467         streamID=50
1468         underlyingIndex=2619
1469         contractMultiplier=100
1470         expiry=160116
1471         putOrCall=1
1472         strikePrice=575
1473         underlyingSymbol=ZVV
1474         OCCRootCode=ZVV
1475         groupID=52380
1476         priceScale=4}
1477     Series:{size=60
1478         type=437
1479         seriesIndex=20693750
1480         channelID=26
1481         marketID=8
1482         systemID=3
1483         streamID=50
1484         underlyingIndex=2619
1485         contractMultiplier=100
1486         expiry=160116
1487         putOrCall=1
1488         strikePrice=570
1489         underlyingSymbol=ZVV
1490         OCCRootCode=ZVV
1491         groupID=52380
1492         priceScale=4}
1493     Series:{size=60
1494         type=437
1495         seriesIndex=20693749
1496         channelID=26
1497         marketID=8
1498         systemID=3
1499         streamID=50
1500         underlyingIndex=2619
1501         contractMultiplier=100
1502         expiry=160116
1503         putOrCall=1
1504         strikePrice=565
1505         underlyingSymbol=ZVV
1506         OCCRootCode=ZVV
1507         groupID=52380
1508         priceScale=4}
1509     Series:{size=60
1510         type=437
1511         seriesIndex=20693748
1512         channelID=26
```

```
1513     marketID=8
1514     systemID=3
1515     streamID=50
1516     underlyingIndex=2619
1517     contractMultiplier=100
1518     expiry=160116
1519     putOrCall=1
1520     strikePrice=560
1521     underlyingSymbol=ZVV
1522     OCCRootCode=ZVV
1523     groupID=52380
1524     priceScale=4}
1525 Series:{size=60
1526     type=437
1527     seriesIndex=20693747
1528     channelID=26
1529     marketID=8
1530     systemID=3
1531     streamID=50
1532     underlyingIndex=2619
1533     contractMultiplier=100
1534     expiry=160116
1535     putOrCall=1
1536     strikePrice=555
1537     underlyingSymbol=ZVV
1538     OCCRootCode=ZVV
1539     groupID=52380
1540     priceScale=4}
1541 Series:{size=60
1542     type=437
1543     seriesIndex=20693746
1544     channelID=26
1545     marketID=8
1546     systemID=3
1547     streamID=50
1548     underlyingIndex=2619
1549     contractMultiplier=100
1550     expiry=160116
1551     putOrCall=1
1552     strikePrice=550
1553     underlyingSymbol=ZVV
1554     OCCRootCode=ZVV
1555     groupID=52380
1556     priceScale=4}
1557 Series:{size=60
1558     type=437
1559     seriesIndex=20693745
1560     channelID=26
1561     marketID=8
1562     systemID=3
1563     streamID=50
1564     underlyingIndex=2619
1565     contractMultiplier=100
1566     expiry=160116
```

```
1567         putOrCall=1
1568         strikePrice=545
1569         underlyingSymbol=ZVV
1570         OCCRootCode=ZVV
1571         groupID=52380
1572         priceScale=4}
1573     Series:{size=60
1574         type=437
1575         seriesIndex=20693744
1576         channelID=26
1577         marketID=8
1578         systemID=3
1579         streamID=50
1580         underlyingIndex=2619
1581         contractMultiplier=100
1582         expiry=160116
1583         putOrCall=1
1584         strikePrice=540
1585         underlyingSymbol=ZVV
1586         OCCRootCode=ZVV
1587         groupID=52380
1588         priceScale=4}
1589     Series:{size=60
1590         type=437
1591         seriesIndex=20693743
1592         channelID=26
1593         marketID=8
1594         systemID=3
1595         streamID=50
1596         underlyingIndex=2619
1597         contractMultiplier=100
1598         expiry=160116
1599         putOrCall=1
1600         strikePrice=535
1601         underlyingSymbol=ZVV
1602         OCCRootCode=ZVV
1603         groupID=52380
1604         priceScale=4}
1605
1606
1607     =====PACKET
1608
1609     Header={pktSize=1344
1610         numberMsgs=23
1611         deliveryFlag=11
1612         seqNum=97
1613         sendTime=1445358941
1614         sendTimeNS=289096000 (2015/10/20 12:35:41.289096)}
1615     StreamID:{size=8
1616         type=455
1617         streamID=50}
1618     Series:{size=60
1619         type=437
1620         seriesIndex=20693742
```

1621 channelID=26
1622 marketID=8
1623 systemID=3
1624 streamID=50
1625 underlyingIndex=2619
1626 contractMultiplier=100
1627 expiry=160116
1628 putOrCall=1
1629 strikePrice=530
1630 underlyingSymbol=ZVV
1631 OCCRootCode=ZVV
1632 groupID=52380
1633 priceScale=4}
1634 Series:{size=60
1635 type=437
1636 seriesIndex=20693741
1637 channelID=26
1638 marketID=8
1639 systemID=3
1640 streamID=50
1641 underlyingIndex=2619
1642 contractMultiplier=100
1643 expiry=160116
1644 putOrCall=1
1645 strikePrice=525
1646 underlyingSymbol=ZVV
1647 OCCRootCode=ZVV
1648 groupID=52380
1649 priceScale=4}
1650 Series:{size=60
1651 type=437
1652 seriesIndex=20693740
1653 channelID=26
1654 marketID=8
1655 systemID=3
1656 streamID=50
1657 underlyingIndex=2619
1658 contractMultiplier=100
1659 expiry=160116
1660 putOrCall=1
1661 strikePrice=520
1662 underlyingSymbol=ZVV
1663 OCCRootCode=ZVV
1664 groupID=52380
1665 priceScale=4}
1666 Series:{size=60
1667 type=437
1668 seriesIndex=20693739
1669 channelID=26
1670 marketID=8
1671 systemID=3
1672 streamID=50
1673 underlyingIndex=2619
1674 contractMultiplier=100

```
1675         expiry=160116
1676         putOrCall=1
1677         strikePrice=515
1678         underlyingSymbol=ZVV
1679         OCCRootCode=ZVV
1680         groupID=52380
1681         priceScale=4}
1682     Series:{size=60
1683         type=437
1684         seriesIndex=20693738
1685         channelID=26
1686         marketID=8
1687         systemID=3
1688         streamID=50
1689         underlyingIndex=2619
1690         contractMultiplier=100
1691         expiry=160116
1692         putOrCall=1
1693         strikePrice=510
1694         underlyingSymbol=ZVV
1695         OCCRootCode=ZVV
1696         groupID=52380
1697         priceScale=4}
1698     Series:{size=60
1699         type=437
1700         seriesIndex=20693737
1701         channelID=26
1702         marketID=8
1703         systemID=3
1704         streamID=50
1705         underlyingIndex=2619
1706         contractMultiplier=100
1707         expiry=160116
1708         putOrCall=1
1709         strikePrice=505
1710         underlyingSymbol=ZVV
1711         OCCRootCode=ZVV
1712         groupID=52380
1713         priceScale=4}
1714     Series:{size=60
1715         type=437
1716         seriesIndex=20693736
1717         channelID=26
1718         marketID=8
1719         systemID=3
1720         streamID=50
1721         underlyingIndex=2619
1722         contractMultiplier=100
1723         expiry=160116
1724         putOrCall=1
1725         strikePrice=500
1726         underlyingSymbol=ZVV
1727         OCCRootCode=ZVV
1728         groupID=52380
```

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1729     priceScale=4}
1730 Series:{size=60
1731     type=437
1732     seriesIndex=20693735
1733     channelID=26
1734     marketID=8
1735     systemID=3
1736     streamID=50
1737     underlyingIndex=2619
1738     contractMultiplier=100
1739     expiry=160116
1740     putOrCall=1
1741     strikePrice=200
1742     underlyingSymbol=ZVV
1743     OCCRootCode=ZVV
1744     groupID=52380
1745     priceScale=4}
1746 Series:{size=60
1747     type=437
1748     seriesIndex=20693734
1749     channelID=26
1750     marketID=8
1751     systemID=3
1752     streamID=50
1753     underlyingIndex=2619
1754     contractMultiplier=100
1755     expiry=160116
1756     putOrCall=1
1757     strikePrice=195
1758     underlyingSymbol=ZVV
1759     OCCRootCode=ZVV
1760     groupID=52380
1761     priceScale=4}
1762 Series:{size=60
1763     type=437
1764     seriesIndex=20693733
1765     channelID=26
1766     marketID=8
1767     systemID=3
1768     streamID=50
1769     underlyingIndex=2619
1770     contractMultiplier=100
1771     expiry=160116
1772     putOrCall=1
1773     strikePrice=190
1774     underlyingSymbol=ZVV
1775     OCCRootCode=ZVV
1776     groupID=52380
1777     priceScale=4}
1778 Series:{size=60
1779     type=437
1780     seriesIndex=20693732
1781     channelID=26
1782     marketID=8
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1783 systemID=3
1784 streamID=50
1785 underlyingIndex=2619
1786 contractMultiplier=100
1787 expiry=160116
1788 putOrCall=1
1789 strikePrice=185
1790 underlyingSymbol=ZVV
1791 OCCRootCode=ZVV
1792 groupID=52380
1793 priceScale=4}
1794 Series:{size=60
1795 type=437
1796 seriesIndex=20693731
1797 channelID=26
1798 marketID=8
1799 systemID=3
1800 streamID=50
1801 underlyingIndex=2619
1802 contractMultiplier=100
1803 expiry=160116
1804 putOrCall=1
1805 strikePrice=180
1806 underlyingSymbol=ZVV
1807 OCCRootCode=ZVV
1808 groupID=52380
1809 priceScale=4}
1810 Series:{size=60
1811 type=437
1812 seriesIndex=20693730
1813 channelID=26
1814 marketID=8
1815 systemID=3
1816 streamID=50
1817 underlyingIndex=2619
1818 contractMultiplier=100
1819 expiry=160116
1820 putOrCall=1
1821 strikePrice=175
1822 underlyingSymbol=ZVV
1823 OCCRootCode=ZVV
1824 groupID=52380
1825 priceScale=4}
1826 Series:{size=60
1827 type=437
1828 seriesIndex=20693729
1829 channelID=26
1830 marketID=8
1831 systemID=3
1832 streamID=50
1833 underlyingIndex=2619
1834 contractMultiplier=100
1835 expiry=160116
1836 putOrCall=1

```
1837         strikePrice=170
1838         underlyingSymbol=ZVV
1839         OCCRootCode=ZVV
1840         groupID=52380
1841         priceScale=4}
1842     Series:{size=60
1843         type=437
1844         seriesIndex=20693728
1845         channelID=26
1846         marketID=8
1847         systemID=3
1848         streamID=50
1849         underlyingIndex=2619
1850         contractMultiplier=100
1851         expiry=160116
1852         putOrCall=1
1853         strikePrice=165
1854         underlyingSymbol=ZVV
1855         OCCRootCode=ZVV
1856         groupID=52380
1857         priceScale=4}
1858     Series:{size=60
1859         type=437
1860         seriesIndex=20693727
1861         channelID=26
1862         marketID=8
1863         systemID=3
1864         streamID=50
1865         underlyingIndex=2619
1866         contractMultiplier=100
1867         expiry=160116
1868         putOrCall=1
1869         strikePrice=160
1870         underlyingSymbol=ZVV
1871         OCCRootCode=ZVV
1872         groupID=52380
1873         priceScale=4}
1874     Series:{size=60
1875         type=437
1876         seriesIndex=20693726
1877         channelID=26
1878         marketID=8
1879         systemID=3
1880         streamID=50
1881         underlyingIndex=2619
1882         contractMultiplier=100
1883         expiry=160116
1884         putOrCall=1
1885         strikePrice=155
1886         underlyingSymbol=ZVV
1887         OCCRootCode=ZVV
1888         groupID=52380
1889         priceScale=4}
1890     Series:{size=60
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1891 type=437
1892 seriesIndex=20693725
1893 channelID=26
1894 marketID=8
1895 systemID=3
1896 streamID=50
1897 underlyingIndex=2619
1898 contractMultiplier=100
1899 expiry=160116
1900 putOrCall=1
1901 strikePrice=150
1902 underlyingSymbol=ZVV
1903 OCCRootCode=ZVV
1904 groupID=52380
1905 priceScale=4}
1906 Series:{size=60
1907 type=437
1908 seriesIndex=20693724
1909 channelID=26
1910 marketID=8
1911 systemID=3
1912 streamID=50
1913 underlyingIndex=2619
1914 contractMultiplier=100
1915 expiry=160116
1916 putOrCall=1
1917 strikePrice=145
1918 underlyingSymbol=ZVV
1919 OCCRootCode=ZVV
1920 groupID=52380
1921 priceScale=4}
1922 Series:{size=60
1923 type=437
1924 seriesIndex=20693723
1925 channelID=26
1926 marketID=8
1927 systemID=3
1928 streamID=50
1929 underlyingIndex=2619
1930 contractMultiplier=100
1931 expiry=160116
1932 putOrCall=1
1933 strikePrice=140
1934 underlyingSymbol=ZVV
1935 OCCRootCode=ZVV
1936 groupID=52380
1937 priceScale=4}
1938 Series:{size=60
1939 type=437
1940 seriesIndex=20693722
1941 channelID=26
1942 marketID=8
1943 systemID=3
1944 streamID=50

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1945     underlyingIndex=2619
1946     contractMultiplier=100
1947     expiry=160116
1948     putOrCall=1
1949     strikePrice=135
1950     underlyingSymbol=ZVV
1951     OCCRootCode=ZVV
1952     groupID=52380
1953     priceScale=4}
1954 Series:{size=60
1955     type=437
1956     seriesIndex=20693721
1957     channelID=26
1958     marketID=8
1959     systemID=3
1960     streamID=50
1961     underlyingIndex=2619
1962     contractMultiplier=100
1963     expiry=160116
1964     putOrCall=1
1965     strikePrice=130
1966     underlyingSymbol=ZVV
1967     OCCRootCode=ZVV
1968     groupID=52380
1969     priceScale=4}
1970
1971
1972 =====PACKET
1973
1974     Header={pktSize=384
1975         numberMsgs=7
1976         deliveryFlag=11
1977         seqNum=120
1978         sendTime=1445358941
1979         sendTimeNS=289507000 (2015/10/20 12:35:41.289507)}
1980 StreamID:{size=8
1981     type=455
1982     streamID=50}
1983 Series:{size=60
1984     type=437
1985     seriesIndex=20693720
1986     channelID=26
1987     marketID=8
1988     systemID=3
1989     streamID=50
1990     underlyingIndex=2619
1991     contractMultiplier=100
1992     expiry=160116
1993     putOrCall=1
1994     strikePrice=125
1995     underlyingSymbol=ZVV
1996     OCCRootCode=ZVV
1997     groupID=52380
1998     priceScale=4}
```

1999 Series:{size=60
2000 type=437
2001 seriesIndex=20693719
2002 channelID=26
2003 marketID=8
2004 systemID=3
2005 streamID=50
2006 underlyingIndex=2619
2007 contractMultiplier=100
2008 expiry=160116
2009 putOrCall=1
2010 strikePrice=120
2011 underlyingSymbol=ZVV
2012 OCCRootCode=ZVV
2013 groupID=52380
2014 priceScale=4}
2015 Series:{size=60
2016 type=437
2017 seriesIndex=20693718
2018 channelID=26
2019 marketID=8
2020 systemID=3
2021 streamID=50
2022 underlyingIndex=2619
2023 contractMultiplier=100
2024 expiry=160116
2025 putOrCall=1
2026 strikePrice=115
2027 underlyingSymbol=ZVV
2028 OCCRootCode=ZVV
2029 groupID=52380
2030 priceScale=4}
2031 Series:{size=60
2032 type=437
2033 seriesIndex=20693717
2034 channelID=26
2035 marketID=8
2036 systemID=3
2037 streamID=50
2038 underlyingIndex=2619
2039 contractMultiplier=100
2040 expiry=160116
2041 putOrCall=1
2042 strikePrice=110
2043 underlyingSymbol=ZVV
2044 OCCRootCode=ZVV
2045 groupID=52380
2046 priceScale=4}
2047 Series:{size=60
2048 type=437
2049 seriesIndex=20693716
2050 channelID=26
2051 marketID=8
2052 systemID=3

```
2053         streamID=50
2054         underlyingIndex=2619
2055         contractMultiplier=100
2056         expiry=160116
2057         putOrCall=1
2058         strikePrice=105
2059         underlyingSymbol=ZVV
2060         OCCRootCode=ZVV
2061         groupID=52380
2062         priceScale=4}
2063     Series:{size=60
2064         type=437
2065         seriesIndex=20693715
2066         channelID=26
2067         marketID=8
2068         systemID=3
2069         streamID=50
2070         underlyingIndex=2619
2071         contractMultiplier=100
2072         expiry=160116
2073         putOrCall=1
2074         strikePrice=100
2075         underlyingSymbol=ZVV
2076         OCCRootCode=ZVV
2077         groupID=52380
2078         priceScale=4}
2079
2080
2081     =====PACKET
2082
2083     Header={pktSize=1372
2084         numberMsgs=24
2085         deliveryFlag=11
2086         seqNum=3
2087         sendTime=1445358941
2088         sendTimeNS=362852000 (2015/10/20 12:35:41.362852)}
2089     StreamID:{size=8
2090         type=455
2091         streamID=49}
2092     Symbol:{size=28
2093         type=435
2094         underlyingIndex=2620
2095         symbol=ZVZZT
2096         channelID=26
2097         marketID=8
2098         systemID=3
2099         exchangeCode='Q'
2100         priceScale=4
2101         securityType='C'
2102         priceResolution=5}
2103     Series:{size=60
2104         type=437
2105         seriesIndex=20693890
2106         channelID=26
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2107 marketID=8
2108 systemID=3
2109 streamID=49
2110 underlyingIndex=2620
2111 contractMultiplier=100
2112 expiry=160115
2113 putOrCall=0
2114 strikePrice=1000
2115 underlyingSymbol=ZVZZT
2116 OCCRootCode=ZVZZT
2117 groupID=52400
2118 priceScale=4}
2119 Series:{size=60
2120 type=437
2121 seriesIndex=20693889
2122 channelID=26
2123 marketID=8
2124 systemID=3
2125 streamID=49
2126 underlyingIndex=2620
2127 contractMultiplier=100
2128 expiry=160115
2129 putOrCall=0
2130 strikePrice=995
2131 underlyingSymbol=ZVZZT
2132 OCCRootCode=ZVZZT
2133 groupID=52400
2134 priceScale=4}
2135 Series:{size=60
2136 type=437
2137 seriesIndex=20693888
2138 channelID=26
2139 marketID=8
2140 systemID=3
2141 streamID=49
2142 underlyingIndex=2620
2143 contractMultiplier=100
2144 expiry=160115
2145 putOrCall=0
2146 strikePrice=990
2147 underlyingSymbol=ZVZZT
2148 OCCRootCode=ZVZZT
2149 groupID=52400
2150 priceScale=4}
2151 Series:{size=60
2152 type=437
2153 seriesIndex=20693887
2154 channelID=26
2155 marketID=8
2156 systemID=3
2157 streamID=49
2158 underlyingIndex=2620
2159 contractMultiplier=100
2160 expiry=160115

2161 putOrCall=0
2162 strikePrice=985
2163 underlyingSymbol=ZVZZT
2164 OCCRootCode=ZVZZT
2165 groupID=52400
2166 priceScale=4}
2167 Series:{size=60
2168 type=437
2169 seriesIndex=20693886
2170 channelID=26
2171 marketID=8
2172 systemID=3
2173 streamID=49
2174 underlyingIndex=2620
2175 contractMultiplier=100
2176 expiry=160115
2177 putOrCall=0
2178 strikePrice=980
2179 underlyingSymbol=ZVZZT
2180 OCCRootCode=ZVZZT
2181 groupID=52400
2182 priceScale=4}
2183 Series:{size=60
2184 type=437
2185 seriesIndex=20693885
2186 channelID=26
2187 marketID=8
2188 systemID=3
2189 streamID=49
2190 underlyingIndex=2620
2191 contractMultiplier=100
2192 expiry=160115
2193 putOrCall=0
2194 strikePrice=975
2195 underlyingSymbol=ZVZZT
2196 OCCRootCode=ZVZZT
2197 groupID=52400
2198 priceScale=4}
2199 Series:{size=60
2200 type=437
2201 seriesIndex=20693884
2202 channelID=26
2203 marketID=8
2204 systemID=3
2205 streamID=49
2206 underlyingIndex=2620
2207 contractMultiplier=100
2208 expiry=160115
2209 putOrCall=0
2210 strikePrice=970
2211 underlyingSymbol=ZVZZT
2212 OCCRootCode=ZVZZT
2213 groupID=52400
2214 priceScale=4}

2215 Series:{size=60
2216 type=437
2217 seriesIndex=20693883
2218 channelID=26
2219 marketID=8
2220 systemID=3
2221 streamID=49
2222 underlyingIndex=2620
2223 contractMultiplier=100
2224 expiry=160115
2225 putOrCall=0
2226 strikePrice=965
2227 underlyingSymbol=ZVZZT
2228 OCCRootCode=ZVZZT
2229 groupID=52400
2230 priceScale=4}
2231 Series:{size=60
2232 type=437
2233 seriesIndex=20693882
2234 channelID=26
2235 marketID=8
2236 systemID=3
2237 streamID=49
2238 underlyingIndex=2620
2239 contractMultiplier=100
2240 expiry=160115
2241 putOrCall=0
2242 strikePrice=960
2243 underlyingSymbol=ZVZZT
2244 OCCRootCode=ZVZZT
2245 groupID=52400
2246 priceScale=4}
2247 Series:{size=60
2248 type=437
2249 seriesIndex=20693881
2250 channelID=26
2251 marketID=8
2252 systemID=3
2253 streamID=49
2254 underlyingIndex=2620
2255 contractMultiplier=100
2256 expiry=160115
2257 putOrCall=0
2258 strikePrice=955
2259 underlyingSymbol=ZVZZT
2260 OCCRootCode=ZVZZT
2261 groupID=52400
2262 priceScale=4}
2263 Series:{size=60
2264 type=437
2265 seriesIndex=20693880
2266 channelID=26
2267 marketID=8
2268 systemID=3

2269 streamID=49
2270 underlyingIndex=2620
2271 contractMultiplier=100
2272 expiry=160115
2273 putOrCall=0
2274 strikePrice=950
2275 underlyingSymbol=ZVZZT
2276 OCCRootCode=ZVZZT
2277 groupID=52400
2278 priceScale=4}
2279 Series:{size=60
2280 type=437
2281 seriesIndex=20693879
2282 channelID=26
2283 marketID=8
2284 systemID=3
2285 streamID=49
2286 underlyingIndex=2620
2287 contractMultiplier=100
2288 expiry=160115
2289 putOrCall=0
2290 strikePrice=945
2291 underlyingSymbol=ZVZZT
2292 OCCRootCode=ZVZZT
2293 groupID=52400
2294 priceScale=4}
2295 Series:{size=60
2296 type=437
2297 seriesIndex=20693878
2298 channelID=26
2299 marketID=8
2300 systemID=3
2301 streamID=49
2302 underlyingIndex=2620
2303 contractMultiplier=100
2304 expiry=160115
2305 putOrCall=0
2306 strikePrice=940
2307 underlyingSymbol=ZVZZT
2308 OCCRootCode=ZVZZT
2309 groupID=52400
2310 priceScale=4}
2311 Series:{size=60
2312 type=437
2313 seriesIndex=20693877
2314 channelID=26
2315 marketID=8
2316 systemID=3
2317 streamID=49
2318 underlyingIndex=2620
2319 contractMultiplier=100
2320 expiry=160115
2321 putOrCall=0
2322 strikePrice=935

2323 underlyingSymbol=ZVZZT
2324 OCCRootCode=ZVZZT
2325 groupID=52400
2326 priceScale=4}
2327 Series:{size=60
2328 type=437
2329 seriesIndex=20693876
2330 channelID=26
2331 marketID=8
2332 systemID=3
2333 streamID=49
2334 underlyingIndex=2620
2335 contractMultiplier=100
2336 expiry=160115
2337 putOrCall=0
2338 strikePrice=930
2339 underlyingSymbol=ZVZZT
2340 OCCRootCode=ZVZZT
2341 groupID=52400
2342 priceScale=4}
2343 Series:{size=60
2344 type=437
2345 seriesIndex=20693875
2346 channelID=26
2347 marketID=8
2348 systemID=3
2349 streamID=49
2350 underlyingIndex=2620
2351 contractMultiplier=100
2352 expiry=160115
2353 putOrCall=0
2354 strikePrice=925
2355 underlyingSymbol=ZVZZT
2356 OCCRootCode=ZVZZT
2357 groupID=52400
2358 priceScale=4}
2359 Series:{size=60
2360 type=437
2361 seriesIndex=20693874
2362 channelID=26
2363 marketID=8
2364 systemID=3
2365 streamID=49
2366 underlyingIndex=2620
2367 contractMultiplier=100
2368 expiry=160115
2369 putOrCall=0
2370 strikePrice=920
2371 underlyingSymbol=ZVZZT
2372 OCCRootCode=ZVZZT
2373 groupID=52400
2374 priceScale=4}
2375 Series:{size=60
2376 type=437

2377 seriesIndex=20693873
2378 channelID=26
2379 marketID=8
2380 systemID=3
2381 streamID=49
2382 underlyingIndex=2620
2383 contractMultiplier=100
2384 expiry=160115
2385 putOrCall=0
2386 strikePrice=915
2387 underlyingSymbol=ZVZZT
2388 OCCRootCode=ZVZZT
2389 groupID=52400
2390 priceScale=4}
2391 Series:{size=60
2392 type=437
2393 seriesIndex=20693872
2394 channelID=26
2395 marketID=8
2396 systemID=3
2397 streamID=49
2398 underlyingIndex=2620
2399 contractMultiplier=100
2400 expiry=160115
2401 putOrCall=0
2402 strikePrice=910
2403 underlyingSymbol=ZVZZT
2404 OCCRootCode=ZVZZT
2405 groupID=52400
2406 priceScale=4}
2407 Series:{size=60
2408 type=437
2409 seriesIndex=20693871
2410 channelID=26
2411 marketID=8
2412 systemID=3
2413 streamID=49
2414 underlyingIndex=2620
2415 contractMultiplier=100
2416 expiry=160115
2417 putOrCall=0
2418 strikePrice=905
2419 underlyingSymbol=ZVZZT
2420 OCCRootCode=ZVZZT
2421 groupID=52400
2422 priceScale=4}
2423 Series:{size=60
2424 type=437
2425 seriesIndex=20693870
2426 channelID=26
2427 marketID=8
2428 systemID=3
2429 streamID=49
2430 underlyingIndex=2620

```
2431         contractMultiplier=100
2432         expiry=160115
2433         putOrCall=0
2434         strikePrice=900
2435         underlyingSymbol=ZVZZT
2436         OCCRootCode=ZVZZT
2437         groupID=52400
2438         priceScale=4}
2439     Series:{size=60
2440         type=437
2441         seriesIndex=20693869
2442         channelID=26
2443         marketID=8
2444         systemID=3
2445         streamID=49
2446         underlyingIndex=2620
2447         contractMultiplier=100
2448         expiry=160115
2449         putOrCall=0
2450         strikePrice=200
2451         underlyingSymbol=ZVZZT
2452         OCCRootCode=ZVZZT
2453         groupID=52400
2454         priceScale=4}
2455
2456
2457     =====PACKET
2458
2459     Header={pktSize=1344
2460         numberMsgs=23
2461         deliveryFlag=11
2462         seqNum=27
2463         sendTime=1445358941
2464         sendTimeNS=362970000 (2015/10/20 12:35:41.362970)}
2465     StreamID:{size=8
2466         type=455
2467         streamID=49}
2468     Series:{size=60
2469         type=437
2470         seriesIndex=20693868
2471         channelID=26
2472         marketID=8
2473         systemID=3
2474         streamID=49
2475         underlyingIndex=2620
2476         contractMultiplier=100
2477         expiry=160115
2478         putOrCall=0
2479         strikePrice=195
2480         underlyingSymbol=ZVZZT
2481         OCCRootCode=ZVZZT
2482         groupID=52400
2483         priceScale=4}
2484     Series:{size=60
```

2485 type=437
2486 seriesIndex=20693867
2487 channelID=26
2488 marketID=8
2489 systemID=3
2490 streamID=49
2491 underlyingIndex=2620
2492 contractMultiplier=100
2493 expiry=160115
2494 putOrCall=0
2495 strikePrice=190
2496 underlyingSymbol=ZVZZT
2497 OCCRootCode=ZVZZT
2498 groupID=52400
2499 priceScale=4}
2500 Series:{size=60
2501 type=437
2502 seriesIndex=20693866
2503 channelID=26
2504 marketID=8
2505 systemID=3
2506 streamID=49
2507 underlyingIndex=2620
2508 contractMultiplier=100
2509 expiry=160115
2510 putOrCall=0
2511 strikePrice=185
2512 underlyingSymbol=ZVZZT
2513 OCCRootCode=ZVZZT
2514 groupID=52400
2515 priceScale=4}
2516 Series:{size=60
2517 type=437
2518 seriesIndex=20693865
2519 channelID=26
2520 marketID=8
2521 systemID=3
2522 streamID=49
2523 underlyingIndex=2620
2524 contractMultiplier=100
2525 expiry=160115
2526 putOrCall=0
2527 strikePrice=180
2528 underlyingSymbol=ZVZZT
2529 OCCRootCode=ZVZZT
2530 groupID=52400
2531 priceScale=4}
2532 Series:{size=60
2533 type=437
2534 seriesIndex=20693864
2535 channelID=26
2536 marketID=8
2537 systemID=3
2538 streamID=49

2539 underlyingIndex=2620
2540 contractMultiplier=100
2541 expiry=160115
2542 putOrCall=0
2543 strikePrice=175
2544 underlyingSymbol=ZVZZT
2545 OCCRootCode=ZVZZT
2546 groupID=52400
2547 priceScale=4}
2548 Series:{size=60
2549 type=437
2550 seriesIndex=20693863
2551 channelID=26
2552 marketID=8
2553 systemID=3
2554 streamID=49
2555 underlyingIndex=2620
2556 contractMultiplier=100
2557 expiry=160115
2558 putOrCall=0
2559 strikePrice=170
2560 underlyingSymbol=ZVZZT
2561 OCCRootCode=ZVZZT
2562 groupID=52400
2563 priceScale=4}
2564 Series:{size=60
2565 type=437
2566 seriesIndex=20693862
2567 channelID=26
2568 marketID=8
2569 systemID=3
2570 streamID=49
2571 underlyingIndex=2620
2572 contractMultiplier=100
2573 expiry=160115
2574 putOrCall=0
2575 strikePrice=165
2576 underlyingSymbol=ZVZZT
2577 OCCRootCode=ZVZZT
2578 groupID=52400
2579 priceScale=4}
2580 Series:{size=60
2581 type=437
2582 seriesIndex=20693861
2583 channelID=26
2584 marketID=8
2585 systemID=3
2586 streamID=49
2587 underlyingIndex=2620
2588 contractMultiplier=100
2589 expiry=160115
2590 putOrCall=0
2591 strikePrice=160
2592 underlyingSymbol=ZVZZT

```
2593     OCCRootCode=ZVZZT
2594     groupID=52400
2595     priceScale=4}
2596 Series:{size=60
2597     type=437
2598     seriesIndex=20693860
2599     channelID=26
2600     marketID=8
2601     systemID=3
2602     streamID=49
2603     underlyingIndex=2620
2604     contractMultiplier=100
2605     expiry=160115
2606     putOrCall=0
2607     strikePrice=155
2608     underlyingSymbol=ZVZZT
2609     OCCRootCode=ZVZZT
2610     groupID=52400
2611     priceScale=4}
2612 Series:{size=60
2613     type=437
2614     seriesIndex=20693859
2615     channelID=26
2616     marketID=8
2617     systemID=3
2618     streamID=49
2619     underlyingIndex=2620
2620     contractMultiplier=100
2621     expiry=160115
2622     putOrCall=0
2623     strikePrice=150
2624     underlyingSymbol=ZVZZT
2625     OCCRootCode=ZVZZT
2626     groupID=52400
2627     priceScale=4}
2628 Series:{size=60
2629     type=437
2630     seriesIndex=20693858
2631     channelID=26
2632     marketID=8
2633     systemID=3
2634     streamID=49
2635     underlyingIndex=2620
2636     contractMultiplier=100
2637     expiry=160115
2638     putOrCall=0
2639     strikePrice=145
2640     underlyingSymbol=ZVZZT
2641     OCCRootCode=ZVZZT
2642     groupID=52400
2643     priceScale=4}
2644 Series:{size=60
2645     type=437
2646     seriesIndex=20693857
```

2647 channelID=26
2648 marketID=8
2649 systemID=3
2650 streamID=49
2651 underlyingIndex=2620
2652 contractMultiplier=100
2653 expiry=160115
2654 putOrCall=0
2655 strikePrice=140
2656 underlyingSymbol=ZVZZT
2657 OCCRootCode=ZVZZT
2658 groupID=52400
2659 priceScale=4}
2660 Series:{size=60
2661 type=437
2662 seriesIndex=20693856
2663 channelID=26
2664 marketID=8
2665 systemID=3
2666 streamID=49
2667 underlyingIndex=2620
2668 contractMultiplier=100
2669 expiry=160115
2670 putOrCall=0
2671 strikePrice=135
2672 underlyingSymbol=ZVZZT
2673 OCCRootCode=ZVZZT
2674 groupID=52400
2675 priceScale=4}
2676 Series:{size=60
2677 type=437
2678 seriesIndex=20693855
2679 channelID=26
2680 marketID=8
2681 systemID=3
2682 streamID=49
2683 underlyingIndex=2620
2684 contractMultiplier=100
2685 expiry=160115
2686 putOrCall=0
2687 strikePrice=130
2688 underlyingSymbol=ZVZZT
2689 OCCRootCode=ZVZZT
2690 groupID=52400
2691 priceScale=4}
2692 Series:{size=60
2693 type=437
2694 seriesIndex=20693854
2695 channelID=26
2696 marketID=8
2697 systemID=3
2698 streamID=49
2699 underlyingIndex=2620
2700 contractMultiplier=100

2701 expiry=160115
2702 putOrCall=0
2703 strikePrice=125
2704 underlyingSymbol=ZVZZT
2705 OCCRootCode=ZVZZT
2706 groupID=52400
2707 priceScale=4}
2708 Series:{size=60
2709 type=437
2710 seriesIndex=20693853
2711 channelID=26
2712 marketID=8
2713 systemID=3
2714 streamID=49
2715 underlyingIndex=2620
2716 contractMultiplier=100
2717 expiry=160115
2718 putOrCall=0
2719 strikePrice=120
2720 underlyingSymbol=ZVZZT
2721 OCCRootCode=ZVZZT
2722 groupID=52400
2723 priceScale=4}
2724 Series:{size=60
2725 type=437
2726 seriesIndex=20693852
2727 channelID=26
2728 marketID=8
2729 systemID=3
2730 streamID=49
2731 underlyingIndex=2620
2732 contractMultiplier=100
2733 expiry=160115
2734 putOrCall=0
2735 strikePrice=115
2736 underlyingSymbol=ZVZZT
2737 OCCRootCode=ZVZZT
2738 groupID=52400
2739 priceScale=4}
2740 Series:{size=60
2741 type=437
2742 seriesIndex=20693851
2743 channelID=26
2744 marketID=8
2745 systemID=3
2746 streamID=49
2747 underlyingIndex=2620
2748 contractMultiplier=100
2749 expiry=160115
2750 putOrCall=0
2751 strikePrice=110
2752 underlyingSymbol=ZVZZT
2753 OCCRootCode=ZVZZT
2754 groupID=52400

```
2755     priceScale=4}
2756 Series:{size=60
2757     type=437
2758     seriesIndex=20693850
2759     channelID=26
2760     marketID=8
2761     systemID=3
2762     streamID=49
2763     underlyingIndex=2620
2764     contractMultiplier=100
2765     expiry=160115
2766     putOrCall=0
2767     strikePrice=105
2768     underlyingSymbol=ZVZZT
2769     OCCRootCode=ZVZZT
2770     groupID=52400
2771     priceScale=4}
2772 Series:{size=60
2773     type=437
2774     seriesIndex=20693849
2775     channelID=26
2776     marketID=8
2777     systemID=3
2778     streamID=49
2779     underlyingIndex=2620
2780     contractMultiplier=100
2781     expiry=160115
2782     putOrCall=0
2783     strikePrice=100
2784     underlyingSymbol=ZVZZT
2785     OCCRootCode=ZVZZT
2786     groupID=52400
2787     priceScale=4}
2788 Series:{size=60
2789     type=437
2790     seriesIndex=20693848
2791     channelID=26
2792     marketID=8
2793     systemID=3
2794     streamID=49
2795     underlyingIndex=2620
2796     contractMultiplier=100
2797     expiry=160115
2798     putOrCall=1
2799     strikePrice=1000
2800     underlyingSymbol=ZVZZT
2801     OCCRootCode=ZVZZT
2802     groupID=52400
2803     priceScale=4}
2804 Series:{size=60
2805     type=437
2806     seriesIndex=20693847
2807     channelID=26
2808     marketID=8
```

```
2809         systemID=3
2810         streamID=49
2811         underlyingIndex=2620
2812         contractMultiplier=100
2813         expiry=160115
2814         putOrCall=1
2815         strikePrice=995
2816         underlyingSymbol=ZVZZT
2817         OCCRootCode=ZVZZT
2818         groupID=52400
2819         priceScale=4}
2820
2821
2822 =====PACKET
2823
2824     Header={pktSize=1344
2825             numberMsgs=23
2826             deliveryFlag=11
2827             seqNum=50
2828             sendTime=1445358941
2829             sendTimeNS=363077000 (2015/10/20 12:35:41.363077) }
2830     StreamID:{size=8
2831               type=455
2832               streamID=49}
2833     Series:{size=60
2834            type=437
2835            seriesIndex=20693846
2836            channelID=26
2837            marketID=8
2838            systemID=3
2839            streamID=49
2840            underlyingIndex=2620
2841            contractMultiplier=100
2842            expiry=160115
2843            putOrCall=1
2844            strikePrice=990
2845            underlyingSymbol=ZVZZT
2846            OCCRootCode=ZVZZT
2847            groupID=52400
2848            priceScale=4}
2849     Series:{size=60
2850            type=437
2851            seriesIndex=20693845
2852            channelID=26
2853            marketID=8
2854            systemID=3
2855            streamID=49
2856            underlyingIndex=2620
2857            contractMultiplier=100
2858            expiry=160115
2859            putOrCall=1
2860            strikePrice=985
2861            underlyingSymbol=ZVZZT
2862            OCCRootCode=ZVZZT
```

```
2863         groupID=52400
2864         priceScale=4}
2865 Series:{size=60
2866         type=437
2867         seriesIndex=20693844
2868         channelID=26
2869         marketID=8
2870         systemID=3
2871         streamID=49
2872         underlyingIndex=2620
2873         contractMultiplier=100
2874         expiry=160115
2875         putOrCall=1
2876         strikePrice=980
2877         underlyingSymbol=ZVZZT
2878         OCCRootCode=ZVZZT
2879         groupID=52400
2880         priceScale=4}
2881 Series:{size=60
2882         type=437
2883         seriesIndex=20693843
2884         channelID=26
2885         marketID=8
2886         systemID=3
2887         streamID=49
2888         underlyingIndex=2620
2889         contractMultiplier=100
2890         expiry=160115
2891         putOrCall=1
2892         strikePrice=975
2893         underlyingSymbol=ZVZZT
2894         OCCRootCode=ZVZZT
2895         groupID=52400
2896         priceScale=4}
2897 Series:{size=60
2898         type=437
2899         seriesIndex=20693842
2900         channelID=26
2901         marketID=8
2902         systemID=3
2903         streamID=49
2904         underlyingIndex=2620
2905         contractMultiplier=100
2906         expiry=160115
2907         putOrCall=1
2908         strikePrice=970
2909         underlyingSymbol=ZVZZT
2910         OCCRootCode=ZVZZT
2911         groupID=52400
2912         priceScale=4}
2913 Series:{size=60
2914         type=437
2915         seriesIndex=20693841
2916         channelID=26
```

2917 marketID=8
2918 systemID=3
2919 streamID=49
2920 underlyingIndex=2620
2921 contractMultiplier=100
2922 expiry=160115
2923 putOrCall=1
2924 strikePrice=965
2925 underlyingSymbol=ZVZZT
2926 OCCRootCode=ZVZZT
2927 groupID=52400
2928 priceScale=4}
2929 Series:{size=60
2930 type=437
2931 seriesIndex=20693840
2932 channelID=26
2933 marketID=8
2934 systemID=3
2935 streamID=49
2936 underlyingIndex=2620
2937 contractMultiplier=100
2938 expiry=160115
2939 putOrCall=1
2940 strikePrice=960
2941 underlyingSymbol=ZVZZT
2942 OCCRootCode=ZVZZT
2943 groupID=52400
2944 priceScale=4}
2945 Series:{size=60
2946 type=437
2947 seriesIndex=20693839
2948 channelID=26
2949 marketID=8
2950 systemID=3
2951 streamID=49
2952 underlyingIndex=2620
2953 contractMultiplier=100
2954 expiry=160115
2955 putOrCall=1
2956 strikePrice=955
2957 underlyingSymbol=ZVZZT
2958 OCCRootCode=ZVZZT
2959 groupID=52400
2960 priceScale=4}
2961 Series:{size=60
2962 type=437
2963 seriesIndex=20693838
2964 channelID=26
2965 marketID=8
2966 systemID=3
2967 streamID=49
2968 underlyingIndex=2620
2969 contractMultiplier=100
2970 expiry=160115

2971 putOrCall=1
2972 strikePrice=950
2973 underlyingSymbol=ZVZZT
2974 OCCRootCode=ZVZZT
2975 groupID=52400
2976 priceScale=4}
2977 Series:{size=60
2978 type=437
2979 seriesIndex=20693837
2980 channelID=26
2981 marketID=8
2982 systemID=3
2983 streamID=49
2984 underlyingIndex=2620
2985 contractMultiplier=100
2986 expiry=160115
2987 putOrCall=1
2988 strikePrice=945
2989 underlyingSymbol=ZVZZT
2990 OCCRootCode=ZVZZT
2991 groupID=52400
2992 priceScale=4}
2993 Series:{size=60
2994 type=437
2995 seriesIndex=20693836
2996 channelID=26
2997 marketID=8
2998 systemID=3
2999 streamID=49
3000 underlyingIndex=2620
3001 contractMultiplier=100
3002 expiry=160115
3003 putOrCall=1
3004 strikePrice=940
3005 underlyingSymbol=ZVZZT
3006 OCCRootCode=ZVZZT
3007 groupID=52400
3008 priceScale=4}
3009 Series:{size=60
3010 type=437
3011 seriesIndex=20693835
3012 channelID=26
3013 marketID=8
3014 systemID=3
3015 streamID=49
3016 underlyingIndex=2620
3017 contractMultiplier=100
3018 expiry=160115
3019 putOrCall=1
3020 strikePrice=935
3021 underlyingSymbol=ZVZZT
3022 OCCRootCode=ZVZZT
3023 groupID=52400
3024 priceScale=4}

3025 Series:{size=60
3026 type=437
3027 seriesIndex=20693834
3028 channelID=26
3029 marketID=8
3030 systemID=3
3031 streamID=49
3032 underlyingIndex=2620
3033 contractMultiplier=100
3034 expiry=160115
3035 putOrCall=1
3036 strikePrice=930
3037 underlyingSymbol=ZVZZT
3038 OCCRootCode=ZVZZT
3039 groupID=52400
3040 priceScale=4}
3041 Series:{size=60
3042 type=437
3043 seriesIndex=20693833
3044 channelID=26
3045 marketID=8
3046 systemID=3
3047 streamID=49
3048 underlyingIndex=2620
3049 contractMultiplier=100
3050 expiry=160115
3051 putOrCall=1
3052 strikePrice=925
3053 underlyingSymbol=ZVZZT
3054 OCCRootCode=ZVZZT
3055 groupID=52400
3056 priceScale=4}
3057 Series:{size=60
3058 type=437
3059 seriesIndex=20693832
3060 channelID=26
3061 marketID=8
3062 systemID=3
3063 streamID=49
3064 underlyingIndex=2620
3065 contractMultiplier=100
3066 expiry=160115
3067 putOrCall=1
3068 strikePrice=920
3069 underlyingSymbol=ZVZZT
3070 OCCRootCode=ZVZZT
3071 groupID=52400
3072 priceScale=4}
3073 Series:{size=60
3074 type=437
3075 seriesIndex=20693831
3076 channelID=26
3077 marketID=8
3078 systemID=3

3079 streamID=49
3080 underlyingIndex=2620
3081 contractMultiplier=100
3082 expiry=160115
3083 putOrCall=1
3084 strikePrice=915
3085 underlyingSymbol=ZVZZT
3086 OCCRootCode=ZVZZT
3087 groupID=52400
3088 priceScale=4}
3089 Series:{size=60
3090 type=437
3091 seriesIndex=20693830
3092 channelID=26
3093 marketID=8
3094 systemID=3
3095 streamID=49
3096 underlyingIndex=2620
3097 contractMultiplier=100
3098 expiry=160115
3099 putOrCall=1
3100 strikePrice=910
3101 underlyingSymbol=ZVZZT
3102 OCCRootCode=ZVZZT
3103 groupID=52400
3104 priceScale=4}
3105 Series:{size=60
3106 type=437
3107 seriesIndex=20693829
3108 channelID=26
3109 marketID=8
3110 systemID=3
3111 streamID=49
3112 underlyingIndex=2620
3113 contractMultiplier=100
3114 expiry=160115
3115 putOrCall=1
3116 strikePrice=905
3117 underlyingSymbol=ZVZZT
3118 OCCRootCode=ZVZZT
3119 groupID=52400
3120 priceScale=4}
3121 Series:{size=60
3122 type=437
3123 seriesIndex=20693828
3124 channelID=26
3125 marketID=8
3126 systemID=3
3127 streamID=49
3128 underlyingIndex=2620
3129 contractMultiplier=100
3130 expiry=160115
3131 putOrCall=1
3132 strikePrice=900

3133 underlyingSymbol=ZVZZT
3134 OCCRootCode=ZVZZT
3135 groupID=52400
3136 priceScale=4}
3137 Series:{size=60
3138 type=437
3139 seriesIndex=20693827
3140 channelID=26
3141 marketID=8
3142 systemID=3
3143 streamID=49
3144 underlyingIndex=2620
3145 contractMultiplier=100
3146 expiry=160115
3147 putOrCall=1
3148 strikePrice=200
3149 underlyingSymbol=ZVZZT
3150 OCCRootCode=ZVZZT
3151 groupID=52400
3152 priceScale=4}
3153 Series:{size=60
3154 type=437
3155 seriesIndex=20693826
3156 channelID=26
3157 marketID=8
3158 systemID=3
3159 streamID=49
3160 underlyingIndex=2620
3161 contractMultiplier=100
3162 expiry=160115
3163 putOrCall=1
3164 strikePrice=195
3165 underlyingSymbol=ZVZZT
3166 OCCRootCode=ZVZZT
3167 groupID=52400
3168 priceScale=4}
3169 Series:{size=60
3170 type=437
3171 seriesIndex=20693825
3172 channelID=26
3173 marketID=8
3174 systemID=3
3175 streamID=49
3176 underlyingIndex=2620
3177 contractMultiplier=100
3178 expiry=160115
3179 putOrCall=1
3180 strikePrice=190
3181 underlyingSymbol=ZVZZT
3182 OCCRootCode=ZVZZT
3183 groupID=52400
3184 priceScale=4}
3185
3186

```
3187 =====PACKET
3188
3189 Header={pktSize=1104
3190     numberMsgs=19
3191     deliveryFlag=11
3192     seqNum=73
3193     sendTime=1445358941
3194     sendTimeNS=363861000 (2015/10/20 12:35:41.363861)}
3195 StreamID:{size=8
3196     type=455
3197     streamID=49}
3198 Series:{size=60
3199     type=437
3200     seriesIndex=20693824
3201     channelID=26
3202     marketID=8
3203     systemID=3
3204     streamID=49
3205     underlyingIndex=2620
3206     contractMultiplier=100
3207     expiry=160115
3208     putOrCall=1
3209     strikePrice=185
3210     underlyingSymbol=ZVZZT
3211     OCCRootCode=ZVZZT
3212     groupID=52400
3213     priceScale=4}
3214 Series:{size=60
3215     type=437
3216     seriesIndex=20693823
3217     channelID=26
3218     marketID=8
3219     systemID=3
3220     streamID=49
3221     underlyingIndex=2620
3222     contractMultiplier=100
3223     expiry=160115
3224     putOrCall=1
3225     strikePrice=180
3226     underlyingSymbol=ZVZZT
3227     OCCRootCode=ZVZZT
3228     groupID=52400
3229     priceScale=4}
3230 Series:{size=60
3231     type=437
3232     seriesIndex=20693822
3233     channelID=26
3234     marketID=8
3235     systemID=3
3236     streamID=49
3237     underlyingIndex=2620
3238     contractMultiplier=100
3239     expiry=160115
3240     putOrCall=1
```

```
3241         strikePrice=175
3242         underlyingSymbol=ZVZZT
3243         OCCRootCode=ZVZZT
3244         groupID=52400
3245         priceScale=4}
3246     Series:{size=60
3247         type=437
3248         seriesIndex=20693821
3249         channelID=26
3250         marketID=8
3251         systemID=3
3252         streamID=49
3253         underlyingIndex=2620
3254         contractMultiplier=100
3255         expiry=160115
3256         putOrCall=1
3257         strikePrice=170
3258         underlyingSymbol=ZVZZT
3259         OCCRootCode=ZVZZT
3260         groupID=52400
3261         priceScale=4}
3262     Series:{size=60
3263         type=437
3264         seriesIndex=20693820
3265         channelID=26
3266         marketID=8
3267         systemID=3
3268         streamID=49
3269         underlyingIndex=2620
3270         contractMultiplier=100
3271         expiry=160115
3272         putOrCall=1
3273         strikePrice=165
3274         underlyingSymbol=ZVZZT
3275         OCCRootCode=ZVZZT
3276         groupID=52400
3277         priceScale=4}
3278     Series:{size=60
3279         type=437
3280         seriesIndex=20693819
3281         channelID=26
3282         marketID=8
3283         systemID=3
3284         streamID=49
3285         underlyingIndex=2620
3286         contractMultiplier=100
3287         expiry=160115
3288         putOrCall=1
3289         strikePrice=160
3290         underlyingSymbol=ZVZZT
3291         OCCRootCode=ZVZZT
3292         groupID=52400
3293         priceScale=4}
3294     Series:{size=60
```

3295 type=437
3296 seriesIndex=20693818
3297 channelID=26
3298 marketID=8
3299 systemID=3
3300 streamID=49
3301 underlyingIndex=2620
3302 contractMultiplier=100
3303 expiry=160115
3304 putOrCall=1
3305 strikePrice=155
3306 underlyingSymbol=ZVZZT
3307 OCCRootCode=ZVZZT
3308 groupID=52400
3309 priceScale=4}
3310 Series:{size=60
3311 type=437
3312 seriesIndex=20693817
3313 channelID=26
3314 marketID=8
3315 systemID=3
3316 streamID=49
3317 underlyingIndex=2620
3318 contractMultiplier=100
3319 expiry=160115
3320 putOrCall=1
3321 strikePrice=150
3322 underlyingSymbol=ZVZZT
3323 OCCRootCode=ZVZZT
3324 groupID=52400
3325 priceScale=4}
3326 Series:{size=60
3327 type=437
3328 seriesIndex=20693816
3329 channelID=26
3330 marketID=8
3331 systemID=3
3332 streamID=49
3333 underlyingIndex=2620
3334 contractMultiplier=100
3335 expiry=160115
3336 putOrCall=1
3337 strikePrice=145
3338 underlyingSymbol=ZVZZT
3339 OCCRootCode=ZVZZT
3340 groupID=52400
3341 priceScale=4}
3342 Series:{size=60
3343 type=437
3344 seriesIndex=20693815
3345 channelID=26
3346 marketID=8
3347 systemID=3
3348 streamID=49

3349 underlyingIndex=2620
3350 contractMultiplier=100
3351 expiry=160115
3352 putOrCall=1
3353 strikePrice=140
3354 underlyingSymbol=ZVZZT
3355 OCCRootCode=ZVZZT
3356 groupID=52400
3357 priceScale=4}
3358 Series:{size=60
3359 type=437
3360 seriesIndex=20693814
3361 channelID=26
3362 marketID=8
3363 systemID=3
3364 streamID=49
3365 underlyingIndex=2620
3366 contractMultiplier=100
3367 expiry=160115
3368 putOrCall=1
3369 strikePrice=135
3370 underlyingSymbol=ZVZZT
3371 OCCRootCode=ZVZZT
3372 groupID=52400
3373 priceScale=4}
3374 Series:{size=60
3375 type=437
3376 seriesIndex=20693813
3377 channelID=26
3378 marketID=8
3379 systemID=3
3380 streamID=49
3381 underlyingIndex=2620
3382 contractMultiplier=100
3383 expiry=160115
3384 putOrCall=1
3385 strikePrice=130
3386 underlyingSymbol=ZVZZT
3387 OCCRootCode=ZVZZT
3388 groupID=52400
3389 priceScale=4}
3390 Series:{size=60
3391 type=437
3392 seriesIndex=20693812
3393 channelID=26
3394 marketID=8
3395 systemID=3
3396 streamID=49
3397 underlyingIndex=2620
3398 contractMultiplier=100
3399 expiry=160115
3400 putOrCall=1
3401 strikePrice=125
3402 underlyingSymbol=ZVZZT

```
3403         OCCRootCode=ZVZZT
3404         groupID=52400
3405         priceScale=4}
3406     Series:{size=60
3407         type=437
3408         seriesIndex=20693811
3409         channelID=26
3410         marketID=8
3411         systemID=3
3412         streamID=49
3413         underlyingIndex=2620
3414         contractMultiplier=100
3415         expiry=160115
3416         putOrCall=1
3417         strikePrice=120
3418         underlyingSymbol=ZVZZT
3419         OCCRootCode=ZVZZT
3420         groupID=52400
3421         priceScale=4}
3422     Series:{size=60
3423         type=437
3424         seriesIndex=20693810
3425         channelID=26
3426         marketID=8
3427         systemID=3
3428         streamID=49
3429         underlyingIndex=2620
3430         contractMultiplier=100
3431         expiry=160115
3432         putOrCall=1
3433         strikePrice=115
3434         underlyingSymbol=ZVZZT
3435         OCCRootCode=ZVZZT
3436         groupID=52400
3437         priceScale=4}
3438     Series:{size=60
3439         type=437
3440         seriesIndex=20693809
3441         channelID=26
3442         marketID=8
3443         systemID=3
3444         streamID=49
3445         underlyingIndex=2620
3446         contractMultiplier=100
3447         expiry=160115
3448         putOrCall=1
3449         strikePrice=110
3450         underlyingSymbol=ZVZZT
3451         OCCRootCode=ZVZZT
3452         groupID=52400
3453         priceScale=4}
3454     Series:{size=60
3455         type=437
3456         seriesIndex=20693808
```

```
3457         channelID=26
3458         marketID=8
3459         systemID=3
3460         streamID=49
3461         underlyingIndex=2620
3462         contractMultiplier=100
3463         expiry=160115
3464         putOrCall=1
3465         strikePrice=105
3466         underlyingSymbol=ZVZZT
3467         OCCRootCode=ZVZZT
3468         groupID=52400
3469         priceScale=4}
3470     Series:{size=60
3471         type=437
3472         seriesIndex=20693807
3473         channelID=26
3474         marketID=8
3475         systemID=3
3476         streamID=49
3477         underlyingIndex=2620
3478         contractMultiplier=100
3479         expiry=160115
3480         putOrCall=1
3481         strikePrice=100
3482         underlyingSymbol=ZVZZT
3483         OCCRootCode=ZVZZT
3484         groupID=52400
3485         priceScale=4}
3486
3487
3488 # =====
3489 # HEARTBEATS =====
3490 # =====
3491
3492 =====PACKET
3493
3494     Header={pktSize=24
3495         numberMsgs=1
3496         deliveryFlag=1
3497         seqNum=3
3498         sendTime=1445358942
3499         sendTimeNS=317000 (2015/10/20 12:35:42.317)}
3500     StreamID:{size=8
3501         type=455
3502         streamID=48}
3503
3504
3505 =====PACKET
3506
3507     Header={pktSize=24
3508         numberMsgs=1
3509         deliveryFlag=1
3510         seqNum=127
```

```
3511         sendTime=1445358942
3512         sendTimeNS=289534000 (2015/10/20 12:35:42.289534) }
3513     StreamID:{size=8
3514         type=455
3515         streamID=50}
3516
3517
3518     =====PACKET
3519
3520     Header={pktSize=24
3521         numberMsgs=1
3522         deliveryFlag=1
3523         seqNum=92
3524         sendTime=1445358942
3525         sendTimeNS=363901000 (2015/10/20 12:35:42.363901) }
3526     StreamID:{size=8
3527         type=455
3528         streamID=49}
3529
3530
3531     =====PACKET
3532
3533     Header={pktSize=24
3534         numberMsgs=1
3535         deliveryFlag=1
3536         seqNum=3
3537         sendTime=1445358972
3538         sendTimeNS=321000 (2015/10/20 12:36:12.321) }
3539     StreamID:{size=8
3540         type=455
3541         streamID=48}
3542
3543
3544     =====PACKET
3545
3546     Header={pktSize=24
3547         numberMsgs=1
3548         deliveryFlag=1
3549         seqNum=127
3550         sendTime=1445358972
3551         sendTimeNS=289554000 (2015/10/20 12:36:12.289554) }
3552     StreamID:{size=8
3553         type=455
3554         streamID=50}
3555
3556
3557     =====PACKET
3558
3559     Header={pktSize=24
3560         numberMsgs=1
3561         deliveryFlag=1
3562         seqNum=92
3563         sendTime=1445358972
3564         sendTimeNS=363936000 (2015/10/20 12:36:12.363936) }
```

```
3565     StreamID:{size=8
3566         type=455
3567         streamID=49}
3568
3569
3570
3571 # =====
3572 #   SCENARIO MESSAGES =====
3573 # =====
3574
3575 =====PACKET
3576
3577     Header={pktSize=184
3578         numberMsgs=5
3579         deliveryFlag=11
3580         seqNum=127
3581         sendTime=1445359608
3582         sendTimeNS=180000 (2015/10/20 12:46:48.180)}
3583     StreamID:{size=8
3584         type=455
3585         streamID=50}
3586     Depth:{size=40
3587         type=405
3588         sourceTime=1445359608
3589         sourceTimeNS=139000 (2015/10/20 12:46:48.139)
3590         symbolSeqNum=1
3591         series=20693761
3592         Price_1=53000
3593         Price_2=0
3594         Price_3=0
3595         Shares_1=1
3596         Shares_2=0
3597         Shares_3=0}
3598     Depth:{size=40
3599         type=403
3600         sourceTime=1445359608
3601         sourceTimeNS=139000 (2015/10/20 12:46:48.139)
3602         symbolSeqNum=2
3603         series=20693761
3604         Price_1=50000
3605         Price_2=0
3606         Price_3=0
3607         Shares_1=1
3608         Shares_2=0
3609         Shares_3=0}
3610     Depth:{size=40
3611         type=405
3612         sourceTime=1445359608
3613         sourceTimeNS=168000 (2015/10/20 12:46:48.168)
3614         symbolSeqNum=1
3615         series=20693763
3616         Price_1=53000
3617         Price_2=0
3618         Price_3=0
```

```
3619         Shares_1=1
3620         Shares_2=0
3621         Shares_3=0}
3622     Depth:{size=40
3623         type=403
3624         sourceTime=1445359608
3625         sourceTimeNS=168000 (2015/10/20 12:46:48.168)
3626         symbolSeqNum=2
3627         series=20693763
3628         Price_1=50000
3629         Price_2=0
3630         Price_3=0
3631         Shares_1=1
3632         Shares_2=0
3633         Shares_3=0}
3634
3635
3636     =====PACKET
3637
3638     Header={pktSize=344
3639         numberMsgs=9
3640         deliveryFlag=11
3641         seqNum=132
3642         sendTime=1445359608
3643         sendTimeNS=386000 (2015/10/20 12:46:48.386)}
3644     StreamID:{size=8
3645         type=455
3646         streamID=50}
3647     Depth:{size=40
3648         type=405
3649         sourceTime=1445359608
3650         sourceTimeNS=194000 (2015/10/20 12:46:48.194)
3651         symbolSeqNum=1
3652         series=20693719
3653         Price_1=53000
3654         Price_2=0
3655         Price_3=0
3656         Shares_1=1
3657         Shares_2=0
3658         Shares_3=0}
3659     Depth:{size=40
3660         type=403
3661         sourceTime=1445359608
3662         sourceTimeNS=194000 (2015/10/20 12:46:48.194)
3663         symbolSeqNum=2
3664         series=20693719
3665         Price_1=50000
3666         Price_2=0
3667         Price_3=0
3668         Shares_1=1
3669         Shares_2=0
3670         Shares_3=0}
3671     Depth:{size=40
3672         type=405
```

3673 sourceTime=1445359608
3674 sourceTimeNS=224000 (2015/10/20 12:46:48.224)
3675 symbolSeqNum=1
3676 series=20693720
3677 Price_1=53000
3678 Price_2=0
3679 Price_3=0
3680 Shares_1=1
3681 Shares_2=0
3682 Shares_3=0}
3683 Depth:{size=40
3684 type=403
3685 sourceTime=1445359608
3686 sourceTimeNS=224000 (2015/10/20 12:46:48.224)
3687 symbolSeqNum=2
3688 series=20693720
3689 Price_1=50000
3690 Price_2=0
3691 Price_3=0
3692 Shares_1=1
3693 Shares_2=0
3694 Shares_3=0}
3695 Depth:{size=40
3696 type=405
3697 sourceTime=1445359608
3698 sourceTimeNS=257000 (2015/10/20 12:46:48.257)
3699 symbolSeqNum=1
3700 series=20693721
3701 Price_1=53000
3702 Price_2=0
3703 Price_3=0
3704 Shares_1=1
3705 Shares_2=0
3706 Shares_3=0}
3707 Depth:{size=40
3708 type=403
3709 sourceTime=1445359608
3710 sourceTimeNS=257000 (2015/10/20 12:46:48.257)
3711 symbolSeqNum=2
3712 series=20693721
3713 Price_1=50000
3714 Price_2=0
3715 Price_3=0
3716 Shares_1=1
3717 Shares_2=0
3718 Shares_3=0}
3719 Depth:{size=40
3720 type=405
3721 sourceTime=1445359608
3722 sourceTimeNS=288000 (2015/10/20 12:46:48.288)
3723 symbolSeqNum=1
3724 series=20693722
3725 Price_1=53000
3726 Price_2=0

```
3727         Price_3=0
3728         Shares_1=1
3729         Shares_2=0
3730         Shares_3=0}
3731     Depth:{size=40
3732         type=403
3733         sourceTime=1445359608
3734         sourceTimeNS=288000 (2015/10/20 12:46:48.288)
3735         symbolSeqNum=2
3736         series=20693722
3737         Price_1=50000
3738         Price_2=0
3739         Price_3=0
3740         Shares_1=1
3741         Shares_2=0
3742         Shares_3=0}
3743
3744
3745     =====PACKET
3746
3747     Header={pktSize=504
3748         numberMsgs=13
3749         deliveryFlag=11
3750         seqNum=141
3751         sendTime=1445359608
3752         sendTimeNS=987355000 (2015/10/20 12:46:48.987355) }
3753     StreamID:{size=8
3754         type=455
3755         streamID=50}
3756     Depth:{size=40
3757         type=403
3758         sourceTime=1445359608
3759         sourceTimeNS=987194000 (2015/10/20 12:46:48.987194)
3760         symbolSeqNum=3
3761         series=20693763
3762         Price_1=50000
3763         Price_2=0
3764         Price_3=0
3765         Shares_1=1
3766         Shares_2=0
3767         Shares_3=0}
3768     Depth:{size=40
3769         type=405
3770         sourceTime=1445359608
3771         sourceTimeNS=987194000 (2015/10/20 12:46:48.987194)
3772         symbolSeqNum=4
3773         series=20693763
3774         Price_1=53000
3775         Price_2=0
3776         Price_3=0
3777         Shares_1=1
3778         Shares_2=0
3779         Shares_3=0}
3780     Depth:{size=40
```

3781 type=403
3782 sourceTime=1445359608
3783 sourceTimeNS=987208000 (2015/10/20 12:46:48.987208)
3784 symbolSeqNum=3
3785 series=20693761
3786 Price_1=50000
3787 Price_2=0
3788 Price_3=0
3789 Shares_1=1
3790 Shares_2=0
3791 Shares_3=0}
3792 Depth:{size=40
3793 type=405
3794 sourceTime=1445359608
3795 sourceTimeNS=987208000 (2015/10/20 12:46:48.987208)
3796 symbolSeqNum=4
3797 series=20693761
3798 Price_1=53000
3799 Price_2=0
3800 Price_3=0
3801 Shares_1=1
3802 Shares_2=0
3803 Shares_3=0}
3804 Depth:{size=40
3805 type=403
3806 sourceTime=1445359608
3807 sourceTimeNS=987276000 (2015/10/20 12:46:48.987276)
3808 symbolSeqNum=3
3809 series=20693722
3810 Price_1=50000
3811 Price_2=0
3812 Price_3=0
3813 Shares_1=1
3814 Shares_2=0
3815 Shares_3=0}
3816 Depth:{size=40
3817 type=405
3818 sourceTime=1445359608
3819 sourceTimeNS=987276000 (2015/10/20 12:46:48.987276)
3820 symbolSeqNum=4
3821 series=20693722
3822 Price_1=53000
3823 Price_2=0
3824 Price_3=0
3825 Shares_1=1
3826 Shares_2=0
3827 Shares_3=0}
3828 Depth:{size=40
3829 type=403
3830 sourceTime=1445359608
3831 sourceTimeNS=987280000 (2015/10/20 12:46:48.987280)
3832 symbolSeqNum=3
3833 series=20693721
3834 Price_1=50000

3835 Price_2=0
3836 Price_3=0
3837 Shares_1=1
3838 Shares_2=0
3839 Shares_3=0}
3840 Depth:{size=40
3841 type=405
3842 sourceTime=1445359608
3843 sourceTimeNS=987280000 (2015/10/20 12:46:48.987280)
3844 symbolSeqNum=4
3845 series=20693721
3846 Price_1=53000
3847 Price_2=0
3848 Price_3=0
3849 Shares_1=1
3850 Shares_2=0
3851 Shares_3=0}
3852 Depth:{size=40
3853 type=403
3854 sourceTime=1445359608
3855 sourceTimeNS=987285000 (2015/10/20 12:46:48.987285)
3856 symbolSeqNum=3
3857 series=20693720
3858 Price_1=50000
3859 Price_2=0
3860 Price_3=0
3861 Shares_1=1
3862 Shares_2=0
3863 Shares_3=0}
3864 Depth:{size=40
3865 type=405
3866 sourceTime=1445359608
3867 sourceTimeNS=987285000 (2015/10/20 12:46:48.987285)
3868 symbolSeqNum=4
3869 series=20693720
3870 Price_1=53000
3871 Price_2=0
3872 Price_3=0
3873 Shares_1=1
3874 Shares_2=0
3875 Shares_3=0}
3876 Depth:{size=40
3877 type=403
3878 sourceTime=1445359608
3879 sourceTimeNS=987289000 (2015/10/20 12:46:48.987289)
3880 symbolSeqNum=3
3881 series=20693719
3882 Price_1=50000
3883 Price_2=0
3884 Price_3=0
3885 Shares_1=1
3886 Shares_2=0
3887 Shares_3=0}
3888 Depth:{size=40

3889 type=405
3890 sourceTime=1445359608
3891 sourceTimeNS=987289000 (2015/10/20 12:46:48.987289)
3892 symbolSeqNum=4
3893 series=20693719
3894 Price_1=53000
3895 Price_2=0
3896 Price_3=0
3897 Shares_1=1
3898 Shares_2=0
3899 Shares_3=0}

3900

3901

3902 =====PACKET

3903

3904 Header={pktSize=104

3905 numberMsgs=3

3906 deliveryFlag=11

3907 seqNum=154

3908 sendTime=1445359619

3909 sendTimeNS=27827000 (2015/10/20 12:46:59.27827) }

3910 StreamID:{size=8

3911 type=455

3912 streamID=50}

3913 Depth:{size=40

3914 type=405

3915 sourceTime=1445359619

3916 sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)

3917 symbolSeqNum=1

3918 series=20693759

3919 Price_1=0

3920 Price_2=0

3921 Price_3=0

3922 Shares_1=0

3923 Shares_2=0

3924 Shares_3=0}

3925 Depth:{size=40

3926 type=403

3927 sourceTime=1445359619

3928 sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)

3929 symbolSeqNum=2

3930 series=20693759

3931 Price_1=50000

3932 Price_2=0

3933 Price_3=0

3934 Shares_1=1

3935 Shares_2=0

3936 Shares_3=0}

3937

3938

3939 =====PACKET

3940

3941 Header={pktSize=24

3942 numberMsgs=1

```
3943         deliveryFlag=1
3944         seqNum=3
3945         sendTime=1445359632
3946         sendTimeNS=402000 (2015/10/20 12:47:12.402)}
3947     StreamID:{size=8
3948         type=455
3949         streamID=48}
3950
3951
3952     =====PACKET
3953
3954     Header={pktSize=24
3955         numberMsgs=1
3956         deliveryFlag=1
3957         seqNum=92
3958         sendTime=1445359632
3959         sendTimeNS=364050000 (2015/10/20 12:47:12.364050)}
3960     StreamID:{size=8
3961         type=455
3962         streamID=49}
3963
3964
3965     =====PACKET
3966
3967     Header={pktSize=384
3968         numberMsgs=10
3969         deliveryFlag=11
3970         seqNum=157
3971         sendTime=1445359635
3972         sendTimeNS=406425000 (2015/10/20 12:47:15.406425)}
3973     StreamID:{size=8
3974         type=455
3975         streamID=50}
3976     Depth:{size=40
3977         type=403
3978         sourceTime=1445359635
3979         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
3980         symbolSeqNum=5
3981         series=20693719
3982         Price_1=0
3983         Price_2=0
3984         Price_3=0
3985         Shares_1=0
3986         Shares_2=0
3987         Shares_3=0}
3988     Depth:{size=40
3989         type=405
3990         sourceTime=1445359635
3991         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
3992         symbolSeqNum=6
3993         series=20693719
3994         Price_1=0
3995         Price_2=0
3996         Price_3=0
```

3997 Shares_1=0
3998 Shares_2=0
3999 Shares_3=0}
4000 Depth:{size=40
4001 type=403
4002 sourceTime=1445359635
4003 sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4004 symbolSeqNum=5
4005 series=20693720
4006 Price_1=0
4007 Price_2=0
4008 Price_3=0
4009 Shares_1=0
4010 Shares_2=0
4011 Shares_3=0}
4012 Depth:{size=40
4013 type=405
4014 sourceTime=1445359635
4015 sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4016 symbolSeqNum=6
4017 series=20693720
4018 Price_1=0
4019 Price_2=0
4020 Price_3=0
4021 Shares_1=0
4022 Shares_2=0
4023 Shares_3=0}
4024 Depth:{size=40
4025 type=403
4026 sourceTime=1445359635
4027 sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4028 symbolSeqNum=3
4029 series=20693759
4030 Price_1=0
4031 Price_2=0
4032 Price_3=0
4033 Shares_1=0
4034 Shares_2=0
4035 Shares_3=0}
4036 Depth:{size=40
4037 type=403
4038 sourceTime=1445359635
4039 sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4040 symbolSeqNum=5
4041 series=20693761
4042 Price_1=0
4043 Price_2=0
4044 Price_3=0
4045 Shares_1=0
4046 Shares_2=0
4047 Shares_3=0}
4048 Depth:{size=40
4049 type=405
4050 sourceTime=1445359635

```
4051         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4052         symbolSeqNum=6
4053         series=20693761
4054         Price_1=0
4055         Price_2=0
4056         Price_3=0
4057         Shares_1=0
4058         Shares_2=0
4059         Shares_3=0}
4060     Depth:{size=40
4061         type=403
4062         sourceTime=1445359635
4063         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4064         symbolSeqNum=5
4065         series=20693763
4066         Price_1=0
4067         Price_2=0
4068         Price_3=0
4069         Shares_1=0
4070         Shares_2=0
4071         Shares_3=0}
4072     Depth:{size=40
4073         type=405
4074         sourceTime=1445359635
4075         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4076         symbolSeqNum=6
4077         series=20693763
4078         Price_1=0
4079         Price_2=0
4080         Price_3=0
4081         Shares_1=0
4082         Shares_2=0
4083         Shares_3=0}
4084
4085
4086     =====PACKET
4087
4088     Header={pktSize=184
4089         numberMsgs=5
4090         deliveryFlag=11
4091         seqNum=167
4092         sendTime=1445359635
4093         sendTimeNS=406562000 (2015/10/20 12:47:15.406562)}
4094     StreamID:{size=8
4095         type=455
4096         streamID=50}
4097     Depth:{size=40
4098         type=403
4099         sourceTime=1445359635
4100         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4101         symbolSeqNum=5
4102         series=20693721
4103         Price_1=0
4104         Price_2=0
```

```
4105         Price_3=0
4106         Shares_1=0
4107         Shares_2=0
4108         Shares_3=0}
4109     Depth:{size=40
4110         type=405
4111         sourceTime=1445359635
4112         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4113         symbolSeqNum=6
4114         series=20693721
4115         Price_1=0
4116         Price_2=0
4117         Price_3=0
4118         Shares_1=0
4119         Shares_2=0
4120         Shares_3=0}
4121     Depth:{size=40
4122         type=403
4123         sourceTime=1445359635
4124         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4125         symbolSeqNum=5
4126         series=20693722
4127         Price_1=0
4128         Price_2=0
4129         Price_3=0
4130         Shares_1=0
4131         Shares_2=0
4132         Shares_3=0}
4133     Depth:{size=40
4134         type=405
4135         sourceTime=1445359635
4136         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4137         symbolSeqNum=6
4138         series=20693722
4139         Price_1=0
4140         Price_2=0
4141         Price_3=0
4142         Shares_1=0
4143         Shares_2=0
4144         Shares_3=0}
4145
4146
4147     =====PACKET
4148
4149     Header={pktSize=24
4150         numberMsgs=1
4151         deliveryFlag=1
4152         seqNum=3
4153         sendTime=1445359662
4154         sendTimeNS=405000 (2015/10/20 12:47:42.405)}
4155     StreamID:{size=8
4156         type=455
4157         streamID=48}
4158
```

```
4159
4160 =====PACKET
4161
4162     Header={pktSize=24
4163             numberMsgs=1
4164             deliveryFlag=1
4165             seqNum=92
4166             sendTime=1445359662
4167             sendTimeNS=364056000 (2015/10/20 12:47:42.364056)}
4168     StreamID:{size=8
4169             type=455
4170             streamID=49}
4171
4172
4173 =====PACKET
4174
4175     Header={pktSize=24
4176             numberMsgs=1
4177             deliveryFlag=1
4178             seqNum=172
4179             sendTime=1445359665
4180             sendTimeNS=406565000 (2015/10/20 12:47:45.406565)}
4181     StreamID:{size=8
4182             type=455
4183             streamID=50}
4184
4185
4186 =====PACKET
4187
4188     Header={pktSize=24
4189             numberMsgs=1
4190             deliveryFlag=1
4191             seqNum=3
4192             sendTime=1445359692
4193             sendTimeNS=408000 (2015/10/20 12:48:12.408)}
4194     StreamID:{size=8
4195             type=455
4196             streamID=48}
4197
4198
4199 =====PACKET
4200
4201     Header={pktSize=24
4202             numberMsgs=1
4203             deliveryFlag=1
4204             seqNum=92
4205             sendTime=1445359692
4206             sendTimeNS=364060000 (2015/10/20 12:48:12.364060)}
4207     StreamID:{size=8
4208             type=455
4209             streamID=49}
4210
4211
4212 =====PACKET
```

```
4213
4214     Header={pktSize=24
4215             numberMsgs=1
4216             deliveryFlag=1
4217             seqNum=172
4218             sendTime=1445359695
4219             sendTimeNS=406569000 (2015/10/20 12:48:15.406569)}
4220     StreamID:{size=8
4221             type=455
4222             streamID=50}
4223
4224
4225     =====PACKET
4226
4227     Header={pktSize=24
4228             numberMsgs=1
4229             deliveryFlag=1
4230             seqNum=3
4231             sendTime=1445359722
4232             sendTimeNS=412000 (2015/10/20 12:48:42.412)}
4233     StreamID:{size=8
4234             type=455
4235             streamID=48}
4236
4237
4238     =====PACKET
4239
4240     Header={pktSize=24
4241             numberMsgs=1
4242             deliveryFlag=1
4243             seqNum=92
4244             sendTime=1445359722
4245             sendTimeNS=364062000 (2015/10/20 12:48:42.364062)}
4246     StreamID:{size=8
4247             type=455
4248             streamID=49}
4249
4250
4251     =====PACKET
4252
4253     Header={pktSize=24
4254             numberMsgs=1
4255             deliveryFlag=1
4256             seqNum=172
4257             sendTime=1445359725
4258             sendTimeNS=406573000 (2015/10/20 12:48:45.406573)}
4259     StreamID:{size=8
4260             type=455
4261             streamID=50}
4262
4263
4264     # =====
4265     # REFRESH MESSAGES =====
4266     # =====
```

```
4267
4268 =====PACKET
4269
4270     Header={pktSize=64
4271             numberMsgs=2
4272             deliveryFlag=3
4273             seqNum=172
4274             sendTime=1445359739
4275             sendTimeNS=27830000 (2015/10/20 12:48:59.27830)}
4276     StreamID:{size=8
4277             type=455
4278             streamID=50}
4279     Depth:{size=40
4280           type=505
4281           sourceTime=1445359619
4282           sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)
4283           symbolSeqNum=3
4284           series=20693759
4285           Price_1=0
4286           Price_2=0
4287           Price_3=0
4288           Shares_1=0
4289           Shares_2=0
4290           Shares_3=0}
4291
4292
4293 =====PACKET
4294
4295     Header={pktSize=24
4296             numberMsgs=1
4297             deliveryFlag=1
4298             seqNum=3
4299             sendTime=1445359752
4300             sendTimeNS=416000 (2015/10/20 12:49:12.416)}
4301     StreamID:{size=8
4302             type=455
4303             streamID=48}
4304
4305
4306 =====PACKET
4307
4308     Header={pktSize=24
4309             numberMsgs=1
4310             deliveryFlag=1
4311             seqNum=92
4312             sendTime=1445359752
4313             sendTimeNS=364067000 (2015/10/20 12:49:12.364067)}
4314     StreamID:{size=8
4315             type=455
4316             streamID=49}
4317
4318
4319 =====PACKET
4320
```

```
4321 Header={pktSize=184
4322     numberMsgs=5
4323     deliveryFlag=3
4324     seqNum=174
4325     sendTime=1445359755
4326     sendTimeNS=406414000 (2015/10/20 12:49:15.406414)}
4327 StreamID:{size=8
4328     type=455
4329     streamID=50}
4330 Depth:{size=40
4331     type=503
4332     sourceTime=1445359635
4333     sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4334     symbolSeqNum=6
4335     series=20693719
4336     Price_1=0
4337     Price_2=0
4338     Price_3=0
4339     Shares_1=0
4340     Shares_2=0
4341     Shares_3=0}
4342 Depth:{size=40
4343     type=503
4344     sourceTime=1445359635
4345     sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4346     symbolSeqNum=6
4347     series=20693720
4348     Price_1=0
4349     Price_2=0
4350     Price_3=0
4351     Shares_1=0
4352     Shares_2=0
4353     Shares_3=0}
4354 Depth:{size=40
4355     type=505
4356     sourceTime=1445359635
4357     sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4358     symbolSeqNum=6
4359     series=20693719
4360     Price_1=0
4361     Price_2=0
4362     Price_3=0
4363     Shares_1=0
4364     Shares_2=0
4365     Shares_3=0}
4366 Depth:{size=40
4367     type=505
4368     sourceTime=1445359635
4369     sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4370     symbolSeqNum=6
4371     series=20693720
4372     Price_1=0
4373     Price_2=0
4374     Price_3=0
```

```
4375         Shares_1=0
4376         Shares_2=0
4377         Shares_3=0}
4378
4379
4380 =====PACKET
4381
4382     Header={pktSize=224
4383             numberMsgs=6
4384             deliveryFlag=3
4385             seqNum=179
4386             sendTime=1445359755
4387             sendTimeNS=406533000 (2015/10/20 12:49:15.406533)}
4388     StreamID:{size=8
4389             type=455
4390             streamID=50}
4391     Depth:{size=40
4392           type=503
4393           sourceTime=1445359635
4394           sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4395           symbolSeqNum=3
4396           series=20693759
4397           Price_1=0
4398           Price_2=0
4399           Price_3=0
4400           Shares_1=0
4401           Shares_2=0
4402           Shares_3=0}
4403     Depth:{size=40
4404           type=503
4405           sourceTime=1445359635
4406           sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4407           symbolSeqNum=6
4408           series=20693761
4409           Price_1=0
4410           Price_2=0
4411           Price_3=0
4412           Shares_1=0
4413           Shares_2=0
4414           Shares_3=0}
4415     Depth:{size=40
4416           type=503
4417           sourceTime=1445359635
4418           sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4419           symbolSeqNum=6
4420           series=20693763
4421           Price_1=0
4422           Price_2=0
4423           Price_3=0
4424           Shares_1=0
4425           Shares_2=0
4426           Shares_3=0}
4427     Depth:{size=40
4428           type=505
```

```
4429         sourceTime=1445359635
4430         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4431         symbolSeqNum=6
4432         series=20693761
4433         Price_1=0
4434         Price_2=0
4435         Price_3=0
4436         Shares_1=0
4437         Shares_2=0
4438         Shares_3=0}
4439     Depth:{size=40
4440         type=505
4441         sourceTime=1445359635
4442         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
4443         symbolSeqNum=6
4444         series=20693763
4445         Price_1=0
4446         Price_2=0
4447         Price_3=0
4448         Shares_1=0
4449         Shares_2=0
4450         Shares_3=0}
4451
4452
4453     =====PACKET
4454
4455     Header={pktSize=184
4456         numberMsgs=5
4457         deliveryFlag=3
4458         seqNum=185
4459         sendTime=1445359755
4460         sendTimeNS=406585000 (2015/10/20 12:49:15.406585) }
4461     StreamID:{size=8
4462         type=455
4463         streamID=50}
4464     Depth:{size=40
4465         type=503
4466         sourceTime=1445359635
4467         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4468         symbolSeqNum=6
4469         series=20693721
4470         Price_1=0
4471         Price_2=0
4472         Price_3=0
4473         Shares_1=0
4474         Shares_2=0
4475         Shares_3=0}
4476     Depth:{size=40
4477         type=503
4478         sourceTime=1445359635
4479         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4480         symbolSeqNum=6
4481         series=20693722
4482         Price_1=0
```

```
4483         Price_2=0
4484         Price_3=0
4485         Shares_1=0
4486         Shares_2=0
4487         Shares_3=0}
4488     Depth:{size=40
4489         type=505
4490         sourceTime=1445359635
4491         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4492         symbolSeqNum=6
4493         series=20693721
4494         Price_1=0
4495         Price_2=0
4496         Price_3=0
4497         Shares_1=0
4498         Shares_2=0
4499         Shares_3=0}
4500     Depth:{size=40
4501         type=505
4502         sourceTime=1445359635
4503         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
4504         symbolSeqNum=6
4505         series=20693722
4506         Price_1=0
4507         Price_2=0
4508         Price_3=0
4509         Shares_1=0
4510         Shares_2=0
4511         Shares_3=0}
4512
4513
4514     =====PACKET
4515
4516     Header={pktSize=64
4517         numberMsgs=2
4518         deliveryFlag=11
4519         seqNum=190
4520         sendTime=1445359767
4521         sendTimeNS=53105000 (2015/10/20 12:49:27.53105)}
4522     StreamID:{size=8
4523         type=455
4524         streamID=50}
4525     Depth:{size=40
4526         type=403
4527         sourceTime=1445359767
4528         sourceTimeNS=53078000 (2015/10/20 12:49:27.53078)
4529         symbolSeqNum=7
4530         series=20693719
4531         Price_1=54000
4532         Price_2=0
4533         Price_3=0
4534         Shares_1=1
4535         Shares_2=0
4536         Shares_3=0}
```

```
4537
4538
4539 =====PACKET
4540
4541     Header={pktSize=104
4542             numberMsgs=3
4543             deliveryFlag=11
4544             seqNum=192
4545             sendTime=1445359767
4546             sendTimeNS=61446000 (2015/10/20 12:49:27.61446)}
4547     StreamID:{size=8
4548               type=455
4549               streamID=50}
4550     Depth:{size=40
4551            type=405
4552            sourceTime=1445359767
4553            sourceTimeNS=61415000 (2015/10/20 12:49:27.61415)
4554            symbolSeqNum=8
4555            series=20693719
4556            Price_1=54000
4557            Price_2=0
4558            Price_3=0
4559            Shares_1=8
4560            Shares_2=0
4561            Shares_3=0}
4562     Depth:{size=40
4563            type=403
4564            sourceTime=1445359767
4565            sourceTimeNS=61415000 (2015/10/20 12:49:27.61415)
4566            symbolSeqNum=9
4567            series=20693719
4568            Price_1=50000
4569            Price_2=0
4570            Price_3=0
4571            Shares_1=10
4572            Shares_2=0
4573            Shares_3=0}
4574
4575
4576 =====PACKET
4577
4578     Header={pktSize=104
4579             numberMsgs=3
4580             deliveryFlag=11
4581             seqNum=195
4582             sendTime=1445359767
4583             sendTimeNS=61827000 (2015/10/20 12:49:27.61827)}
4584     StreamID:{size=8
4585               type=455
4586               streamID=50}
4587     Depth:{size=40
4588            type=403
4589            sourceTime=1445359767
4590            sourceTimeNS=61805000 (2015/10/20 12:49:27.61805)}
```

```
4591         symbolSeqNum=10
4592         series=20693719
4593         Price_1=50000
4594         Price_2=0
4595         Price_3=0
4596         Shares_1=10
4597         Shares_2=0
4598         Shares_3=0}
4599     Depth:{size=40
4600         type=405
4601         sourceTime=1445359767
4602         sourceTimeNS=61805000 (2015/10/20 12:49:27.61805)
4603         symbolSeqNum=11
4604         series=20693719
4605         Price_1=54000
4606         Price_2=0
4607         Price_3=0
4608         Shares_1=6
4609         Shares_2=0
4610         Shares_3=0}
4611
4612
4613     =====PACKET
4614
4615     Header={pktSize=104
4616         numberMsgs=3
4617         deliveryFlag=11
4618         seqNum=198
4619         sendTime=1445359767
4620         sendTimeNS=62488000 (2015/10/20 12:49:27.62488)}
4621     StreamID:{size=8
4622         type=455
4623         streamID=50}
4624     Depth:{size=40
4625         type=403
4626         sourceTime=1445359767
4627         sourceTimeNS=62467000 (2015/10/20 12:49:27.62467)
4628         symbolSeqNum=12
4629         series=20693719
4630         Price_1=50000
4631         Price_2=0
4632         Price_3=0
4633         Shares_1=10
4634         Shares_2=0
4635         Shares_3=0}
4636     Depth:{size=40
4637         type=405
4638         sourceTime=1445359767
4639         sourceTimeNS=62467000 (2015/10/20 12:49:27.62467)
4640         symbolSeqNum=13
4641         series=20693719
4642         Price_1=54000
4643         Price_2=0
4644         Price_3=0
```

```
4645         Shares_1=3
4646         Shares_2=0
4647         Shares_3=0}
4648
4649
4650 =====PACKET
4651
4652     Header={pktSize=104
4653             numberMsgs=3
4654             deliveryFlag=11
4655             seqNum=201
4656             sendTime=1445359769
4657             sendTimeNS=107682000 (2015/10/20 12:49:29.107682)}
4658     StreamID:{size=8
4659             type=455
4660             streamID=50}
4661     Depth:{size=40
4662           type=403
4663           sourceTime=1445359769
4664           sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
4665           symbolSeqNum=14
4666           series=20693719
4667           Price_1=0
4668           Price_2=0
4669           Price_3=0
4670           Shares_1=0
4671           Shares_2=0
4672           Shares_3=0}
4673     Depth:{size=40
4674           type=405
4675           sourceTime=1445359769
4676           sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
4677           symbolSeqNum=15
4678           series=20693719
4679           Price_1=0
4680           Price_2=0
4681           Price_3=0
4682           Shares_1=0
4683           Shares_2=0
4684           Shares_3=0}
4685
4686
4687 =====PACKET
4688
4689     Header={pktSize=104
4690             numberMsgs=3
4691             deliveryFlag=11
4692             seqNum=92
4693             sendTime=1445359769
4694             sendTimeNS=646965000 (2015/10/20 12:49:29.646965)}
4695     StreamID:{size=8
4696             type=455
4697             streamID=49}
4698     Depth:{size=40
```

```
4699         type=405
4700         sourceTime=1445359769
4701         sourceTimeNS=646943000 (2015/10/20 12:49:29.646943)
4702         symbolSeqNum=1
4703         series=20693809
4704         Price_1=53000
4705         Price_2=0
4706         Price_3=0
4707         Shares_1=1
4708         Shares_2=0
4709         Shares_3=0}
4710     Depth:{size=40
4711         type=403
4712         sourceTime=1445359769
4713         sourceTimeNS=646943000 (2015/10/20 12:49:29.646943)
4714         symbolSeqNum=2
4715         series=20693809
4716         Price_1=50000
4717         Price_2=0
4718         Price_3=0
4719         Shares_1=1
4720         Shares_2=0
4721         Shares_3=0}
4722
4723
4724     =====PACKET
4725
4726     Header={pktSize=104
4727         numberMsgs=3
4728         deliveryFlag=11
4729         seqNum=95
4730         sendTime=1445359779
4731         sendTimeNS=653933000 (2015/10/20 12:49:39.653933)}
4732     StreamID:{size=8
4733         type=455
4734         streamID=49}
4735     Depth:{size=40
4736         type=403
4737         sourceTime=1445359779
4738         sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
4739         symbolSeqNum=3
4740         series=20693809
4741         Price_1=0
4742         Price_2=0
4743         Price_3=0
4744         Shares_1=0
4745         Shares_2=0
4746         Shares_3=0}
4747     Depth:{size=40
4748         type=405
4749         sourceTime=1445359779
4750         sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
4751         symbolSeqNum=4
4752         series=20693809
```

```
4753         Price_1=0
4754         Price_2=0
4755         Price_3=0
4756         Shares_1=0
4757         Shares_2=0
4758         Shares_3=0}
4759
4760
4761 =====PACKET
4762
4763         Header={pktSize=24
4764                 numberMsgs=1
4765                 deliveryFlag=1
4766                 seqNum=3
4767                 sendTime=1445359782
4768                 sendTimeNS=420000 (2015/10/20 12:49:42.420)}
4769         StreamID:{size=8
4770                 type=455
4771                 streamID=48}
4772
4773
4774 =====PACKET
4775
4776         Header={pktSize=64
4777                 numberMsgs=2
4778                 deliveryFlag=11
4779                 seqNum=204
4780                 sendTime=1445359787
4781                 sendTimeNS=716710000 (2015/10/20 12:49:47.716710)}
4782         StreamID:{size=8
4783                 type=455
4784                 streamID=50}
4785         Depth:{size=40
4786                 type=403
4787                 sourceTime=1445359787
4788                 sourceTimeNS=716686000 (2015/10/20 12:49:47.716686)
4789                 symbolSeqNum=7
4790                 series=20693761
4791                 Price_1=50000
4792                 Price_2=0
4793                 Price_3=0
4794                 Shares_1=10
4795                 Shares_2=0
4796                 Shares_3=0}
4797
4798
4799 =====PACKET
4800
4801         Header={pktSize=104
4802                 numberMsgs=3
4803                 deliveryFlag=11
4804                 seqNum=206
4805                 sendTime=1445359788
4806                 sendTimeNS=219213000 (2015/10/20 12:49:48.219213)}
```

```
4807     StreamID:{size=8
4808         type=455
4809         streamID=50}
4810     Depth:{size=40
4811         type=405
4812         sourceTime=1445359788
4813         sourceTimeNS=219184000 (2015/10/20 12:49:48.219184)
4814         symbolSeqNum=8
4815         series=20693761
4816         Price_1=54000
4817         Price_2=0
4818         Price_3=0
4819         Shares_1=10
4820         Shares_2=0
4821         Shares_3=0}
4822     Depth:{size=40
4823         type=403
4824         sourceTime=1445359788
4825         sourceTimeNS=219184000 (2015/10/20 12:49:48.219184)
4826         symbolSeqNum=9
4827         series=20693761
4828         Price_1=50000
4829         Price_2=0
4830         Price_3=0
4831         Shares_1=20
4832         Shares_2=0
4833         Shares_3=0}
4834
4835
4836     =====PACKET
4837
4838     Header={pktSize=64
4839         numberMsgs=2
4840         deliveryFlag=11
4841         seqNum=209
4842         sendTime=1445359788
4843         sendTimeNS=722012000 (2015/10/20 12:49:48.722012)}
4844     StreamID:{size=8
4845         type=455
4846         streamID=50}
4847     Depth:{size=40
4848         type=403
4849         sourceTime=1445359788
4850         sourceTimeNS=721984000 (2015/10/20 12:49:48.721984)
4851         symbolSeqNum=7
4852         series=20693763
4853         Price_1=25000
4854         Price_2=0
4855         Price_3=0
4856         Shares_1=10
4857         Shares_2=0
4858         Shares_3=0}
4859
4860
```

```
4861 =====PACKET
4862
4863     Header={pktSize=104
4864             numberMsgs=3
4865             deliveryFlag=11
4866             seqNum=211
4867             sendTime=1445359789
4868             sendTimeNS=224944000 (2015/10/20 12:49:49.224944) }
4869     StreamID:{size=8
4870             type=455
4871             streamID=50}
4872     Depth:{size=40
4873           type=405
4874           sourceTime=1445359789
4875           sourceTimeNS=224913000 (2015/10/20 12:49:49.224913)
4876           symbolSeqNum=8
4877           series=20693763
4878           Price_1=28000
4879           Price_2=0
4880           Price_3=0
4881           Shares_1=10
4882           Shares_2=0
4883           Shares_3=0}
4884     Depth:{size=40
4885           type=403
4886           sourceTime=1445359789
4887           sourceTimeNS=224913000 (2015/10/20 12:49:49.224913)
4888           symbolSeqNum=9
4889           series=20693763
4890           Price_1=25000
4891           Price_2=0
4892           Price_3=0
4893           Shares_1=20
4894           Shares_2=0
4895           Shares_3=0}
4896
4897
4898 =====PACKET
4899
4900     Header={pktSize=64
4901             numberMsgs=2
4902             deliveryFlag=11
4903             seqNum=214
4904             sendTime=1445359791
4905             sendTimeNS=236346000 (2015/10/20 12:49:51.236346) }
4906     StreamID:{size=8
4907             type=455
4908             streamID=50}
4909     Depth:{size=40
4910           type=405
4911           sourceTime=1445359791
4912           sourceTimeNS=236319000 (2015/10/20 12:49:51.236319)
4913           symbolSeqNum=10
4914           series=20693761
```

```
4915         Price_1=54000
4916         Price_2=0
4917         Price_3=0
4918         Shares_1=100
4919         Shares_2=0
4920         Shares_3=0}
4921
4922
4923 =====PACKET
4924
4925     Header={pktSize=64
4926             numberMsgs=2
4927             deliveryFlag=11
4928             seqNum=216
4929             sendTime=1445359791
4930             sendTimeNS=739338000 (2015/10/20 12:49:51.739338)}
4931     StreamID:{size=8
4932               type=455
4933               streamID=50}
4934     Depth:{size=40
4935            type=403
4936            sourceTime=1445359791
4937            sourceTimeNS=739308000 (2015/10/20 12:49:51.739308)
4938            symbolSeqNum=10
4939            series=20693763
4940            Price_1=25000
4941            Price_2=0
4942            Price_3=0
4943            Shares_1=200
4944            Shares_2=0
4945            Shares_3=0}
4946
4947
4948 =====PACKET
4949
4950     Header={pktSize=104
4951             numberMsgs=3
4952             deliveryFlag=11
4953             seqNum=218
4954             sendTime=1445359792
4955             sendTimeNS=242368000 (2015/10/20 12:49:52.242368)}
4956     StreamID:{size=8
4957               type=455
4958               streamID=50}
4959     Depth:{size=40
4960            type=403
4961            sourceTime=1445359792
4962            sourceTimeNS=242350000 (2015/10/20 12:49:52.242350)
4963            symbolSeqNum=11
4964            series=20693761
4965            Price_1=50000
4966            Price_2=0
4967            Price_3=0
4968            Shares_1=10
```

```
4969         Shares_2=0
4970         Shares_3=0}
4971     Depth:{size=40
4972         type=405
4973         sourceTime=1445359792
4974         sourceTimeNS=242350000 (2015/10/20 12:49:52.242350)
4975         symbolSeqNum=12
4976         series=20693761
4977         Price_1=54000
4978         Price_2=0
4979         Price_3=0
4980         Shares_1=100
4981         Shares_2=0
4982         Shares_3=0}
4983
4984
4985     =====PACKET
4986
4987     Header={pktSize=104
4988         numberMsgs=3
4989         deliveryFlag=11
4990         seqNum=221
4991         sendTime=1445359792
4992         sendTimeNS=745089000 (2015/10/20 12:49:52.745089) }
4993     StreamID:{size=8
4994         type=455
4995         streamID=50}
4996     Depth:{size=40
4997         type=403
4998         sourceTime=1445359792
4999         sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
5000         symbolSeqNum=13
5001         series=20693761
5002         Price_1=0
5003         Price_2=0
5004         Price_3=0
5005         Shares_1=0
5006         Shares_2=0
5007         Shares_3=0}
5008     Depth:{size=40
5009         type=405
5010         sourceTime=1445359792
5011         sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
5012         symbolSeqNum=14
5013         series=20693761
5014         Price_1=54000
5015         Price_2=0
5016         Price_3=0
5017         Shares_1=90
5018         Shares_2=0
5019         Shares_3=0}
5020
5021
5022     =====PACKET
```

```
5023
5024 Header={pktSize=104
5025     numberMsgs=3
5026     deliveryFlag=11
5027     seqNum=224
5028     sendTime=1445359793
5029     sendTimeNS=247981000 (2015/10/20 12:49:53.247981)}
5030 StreamID:{size=8
5031     type=455
5032     streamID=50}
5033 Depth:{size=40
5034     type=403
5035     sourceTime=1445359793
5036     sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
5037     symbolSeqNum=11
5038     series=20693763
5039     Price_1=25000
5040     Price_2=0
5041     Price_3=0
5042     Shares_1=190
5043     Shares_2=0
5044     Shares_3=0}
5045 Depth:{size=40
5046     type=405
5047     sourceTime=1445359793
5048     sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
5049     symbolSeqNum=12
5050     series=20693763
5051     Price_1=0
5052     Price_2=0
5053     Price_3=0
5054     Shares_1=0
5055     Shares_2=0
5056     Shares_3=0}
5057
5058
5059 =====PACKET
5060
5061 Header={pktSize=104
5062     numberMsgs=3
5063     deliveryFlag=11
5064     seqNum=227
5065     sendTime=1445359806
5066     sendTimeNS=695415000 (2015/10/20 12:50:06.695415)}
5067 StreamID:{size=8
5068     type=455
5069     streamID=50}
5070 Depth:{size=40
5071     type=405
5072     sourceTime=1445359806
5073     sourceTimeNS=695379000 (2015/10/20 12:50:06.695379)
5074     symbolSeqNum=7
5075     series=20693720
5076     Price_1=55000
```

```
5077         Price_2=0
5078         Price_3=0
5079         Shares_1=1
5080         Shares_2=0
5081         Shares_3=0}
5082     Depth:{size=40
5083         type=403
5084         sourceTime=1445359806
5085         sourceTimeNS=695379000 (2015/10/20 12:50:06.695379)
5086         symbolSeqNum=8
5087         series=20693720
5088         Price_1=50000
5089         Price_2=0
5090         Price_3=0
5091         Shares_1=1
5092         Shares_2=0
5093         Shares_3=0}
5094
5095
5096     =====PACKET
5097
5098     Header={pktSize=104
5099         numberMsgs=3
5100         deliveryFlag=11
5101         seqNum=230
5102         sendTime=1445359806
5103         sendTimeNS=695640000 (2015/10/20 12:50:06.695640)}
5104     StreamID:{size=8
5105         type=455
5106         streamID=50}
5107     Depth:{size=40
5108         type=403
5109         sourceTime=1445359806
5110         sourceTimeNS=695631000 (2015/10/20 12:50:06.695631)
5111         symbolSeqNum=9
5112         series=20693720
5113         Price_1=51000
5114         Price_2=50000
5115         Price_3=0
5116         Shares_1=1
5117         Shares_2=1
5118         Shares_3=0}
5119     Depth:{size=40
5120         type=405
5121         sourceTime=1445359806
5122         sourceTimeNS=695631000 (2015/10/20 12:50:06.695631)
5123         symbolSeqNum=10
5124         series=20693720
5125         Price_1=54000
5126         Price_2=55000
5127         Price_3=0
5128         Shares_1=1
5129         Shares_2=1
5130         Shares_3=0}
```

```
5131
5132
5133 =====PACKET
5134
5135     Header={pktSize=104
5136             numberMsgs=3
5137             deliveryFlag=11
5138             seqNum=233
5139             sendTime=1445359806
5140             sendTimeNS=695906000 (2015/10/20 12:50:06.695906)}
5141     StreamID:{size=8
5142              type=455
5143              streamID=50}
5144     Depth:{size=40
5145            type=403
5146            sourceTime=1445359806
5147            sourceTimeNS=695896000 (2015/10/20 12:50:06.695896)
5148            symbolSeqNum=11
5149            series=20693720
5150            Price_1=52000
5151            Price_2=51000
5152            Price_3=50000
5153            Shares_1=1
5154            Shares_2=1
5155            Shares_3=1}
5156     Depth:{size=40
5157            type=405
5158            sourceTime=1445359806
5159            sourceTimeNS=695896000 (2015/10/20 12:50:06.695896)
5160            symbolSeqNum=12
5161            series=20693720
5162            Price_1=53000
5163            Price_2=54000
5164            Price_3=55000
5165            Shares_1=1
5166            Shares_2=1
5167            Shares_3=1}
5168
5169 =====PACKET
5170
5171     Header={pktSize=104
5172             numberMsgs=3
5173             deliveryFlag=11
5174             seqNum=236
5175             sendTime=1445359807
5176             sendTimeNS=537602000 (2015/10/20 12:50:07.537602)}
5177     StreamID:{size=8
5178              type=455
5179              streamID=50}
5180     Depth:{size=40
5181            type=403
5182            sourceTime=1445359807
5183            sourceTimeNS=537564000 (2015/10/20 12:50:07.537564)
5184
```

```
5185         symbolSeqNum=13
5186         series=20693720
5187         Price_1=51000
5188         Price_2=50000
5189         Price_3=0
5190         Shares_1=1
5191         Shares_2=1
5192         Shares_3=0}
5193     Depth:{size=40
5194         type=405
5195         sourceTime=1445359807
5196         sourceTimeNS=537564000 (2015/10/20 12:50:07.537564)
5197         symbolSeqNum=14
5198         series=20693720
5199         Price_1=54000
5200         Price_2=55000
5201         Price_3=0
5202         Shares_1=1
5203         Shares_2=1
5204         Shares_3=0}
5205
5206
5207     =====PACKET
5208
5209     Header={pktSize=104
5210         numberMsgs=3
5211         deliveryFlag=11
5212         seqNum=239
5213         sendTime=1445359807
5214         sendTimeNS=537752000 (2015/10/20 12:50:07.537752) }
5215     StreamID:{size=8
5216         type=455
5217         streamID=50}
5218     Depth:{size=40
5219         type=403
5220         sourceTime=1445359807
5221         sourceTimeNS=537639000 (2015/10/20 12:50:07.537639)
5222         symbolSeqNum=15
5223         series=20693720
5224         Price_1=51000
5225         Price_2=0
5226         Price_3=0
5227         Shares_1=1
5228         Shares_2=0
5229         Shares_3=0}
5230     Depth:{size=40
5231         type=405
5232         sourceTime=1445359807
5233         sourceTimeNS=537639000 (2015/10/20 12:50:07.537639)
5234         symbolSeqNum=16
5235         series=20693720
5236         Price_1=54000
5237         Price_2=0
5238         Price_3=0
```

```
5239         Shares_1=1
5240         Shares_2=0
5241         Shares_3=0}
5242
5243
5244 =====PACKET
5245
5246     Header={pktSize=104
5247             numberMsgs=3
5248             deliveryFlag=11
5249             seqNum=242
5250             sendTime=1445359807
5251             sendTimeNS=550474000 (2015/10/20 12:50:07.550474)}
5252     StreamID:{size=8
5253             type=455
5254             streamID=50}
5255     Depth:{size=40
5256             type=403
5257             sourceTime=1445359807
5258             sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
5259             symbolSeqNum=17
5260             series=20693720
5261             Price_1=0
5262             Price_2=0
5263             Price_3=0
5264             Shares_1=0
5265             Shares_2=0
5266             Shares_3=0}
5267     Depth:{size=40
5268             type=405
5269             sourceTime=1445359807
5270             sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
5271             symbolSeqNum=18
5272             series=20693720
5273             Price_1=0
5274             Price_2=0
5275             Price_3=0
5276             Shares_1=0
5277             Shares_2=0
5278             Shares_3=0}
5279
5280
5281 =====PACKET
5282
5283     Header={pktSize=104
5284             numberMsgs=3
5285             deliveryFlag=11
5286             seqNum=245
5287             sendTime=1445359808
5288             sendTimeNS=46377000 (2015/10/20 12:50:08.46377)}
5289     StreamID:{size=8
5290             type=455
5291             streamID=50}
5292     Depth:{size=40
```

```
5293         type=405
5294         sourceTime=1445359808
5295         sourceTimeNS=46263000 (2015/10/20 12:50:08.46263)
5296         symbolSeqNum=1
5297         series=20693717
5298         Price_1=0
5299         Price_2=0
5300         Price_3=0
5301         Shares_1=0
5302         Shares_2=0
5303         Shares_3=0}
5304     Depth:{size=40
5305         type=403
5306         sourceTime=1445359808
5307         sourceTimeNS=46263000 (2015/10/20 12:50:08.46263)
5308         symbolSeqNum=2
5309         series=20693717
5310         Price_1=50000
5311         Price_2=0
5312         Price_3=0
5313         Shares_1=1
5314         Shares_2=0
5315         Shares_3=0}
5316
5317
5318     =====PACKET
5319
5320     Header={pktSize=104
5321         numberMsgs=3
5322         deliveryFlag=11
5323         seqNum=248
5324         sendTime=1445359808
5325         sendTimeNS=53644000 (2015/10/20 12:50:08.53644)}
5326     StreamID:{size=8
5327         type=455
5328         streamID=50}
5329     Depth:{size=40
5330         type=405
5331         sourceTime=1445359808
5332         sourceTimeNS=53619000 (2015/10/20 12:50:08.53619)
5333         symbolSeqNum=3
5334         series=20693717
5335         Price_1=53000
5336         Price_2=0
5337         Price_3=0
5338         Shares_1=2
5339         Shares_2=0
5340         Shares_3=0}
5341     Depth:{size=40
5342         type=403
5343         sourceTime=1445359808
5344         sourceTimeNS=53619000 (2015/10/20 12:50:08.53619)
5345         symbolSeqNum=4
5346         series=20693717
```

```
5347         Price_1=50000
5348         Price_2=0
5349         Price_3=0
5350         Shares_1=3
5351         Shares_2=0
5352         Shares_3=0}
5353
5354
5355 =====PACKET
5356
5357     Header={pktSize=104
5358             numberMsgs=3
5359             deliveryFlag=11
5360             seqNum=251
5361             sendTime=1445359809
5362             sendTimeNS=124094000 (2015/10/20 12:50:09.124094)}
5363     StreamID:{size=8
5364               type=455
5365               streamID=50}
5366     Depth:{size=40
5367            type=403
5368            sourceTime=1445359809
5369            sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)
5370            symbolSeqNum=5
5371            series=20693717
5372            Price_1=50000
5373            Price_2=0
5374            Price_3=0
5375            Shares_1=1
5376            Shares_2=0
5377            Shares_3=0}
5378     Depth:{size=40
5379            type=405
5380            sourceTime=1445359809
5381            sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)
5382            symbolSeqNum=6
5383            series=20693717
5384            Price_1=0
5385            Price_2=0
5386            Price_3=0
5387            Shares_1=0
5388            Shares_2=0
5389            Shares_3=0}
5390
5391
5392 =====PACKET
5393
5394     Header={pktSize=24
5395             numberMsgs=1
5396             deliveryFlag=1
5397             seqNum=98
5398             sendTime=1445359809
5399             sendTimeNS=653935000 (2015/10/20 12:50:09.653935)}
5400     StreamID:{size=8
```

```
5401         type=455
5402         streamID=49}
5403
5404
5405 =====PACKET
5406
5407     Header={pktSize=24
5408             numberMsgs=1
5409             deliveryFlag=1
5410             seqNum=3
5411             sendTime=1445359812
5412             sendTimeNS=423000 (2015/10/20 12:50:12.423)}
5413     StreamID:{size=8
5414               type=455
5415               streamID=48}
5416
5417
5418 =====PACKET
5419
5420     Header={pktSize=24
5421             numberMsgs=1
5422             deliveryFlag=1
5423             seqNum=254
5424             sendTime=1445359839
5425             sendTimeNS=124098000 (2015/10/20 12:50:39.124098)}
5426     StreamID:{size=8
5427               type=455
5428               streamID=50}
5429
5430
5431 =====PACKET
5432
5433     Header={pktSize=24
5434             numberMsgs=1
5435             deliveryFlag=1
5436             seqNum=98
5437             sendTime=1445359839
5438             sendTimeNS=653939000 (2015/10/20 12:50:39.653939)}
5439     StreamID:{size=8
5440               type=455
5441               streamID=49}
5442
5443
5444 =====PACKET
5445
5446     Header={pktSize=24
5447             numberMsgs=1
5448             deliveryFlag=1
5449             seqNum=3
5450             sendTime=1445359842
5451             sendTimeNS=426000 (2015/10/20 12:50:42.426)}
5452     StreamID:{size=8
5453               type=455
5454               streamID=48}
```

```
5455
5456
5457 =====PACKET
5458
5459     Header={pktSize=64
5460             numberMsgs=2
5461             deliveryFlag=3
5462             seqNum=254
5463             sendTime=1445359859
5464             sendTimeNS=27834000 (2015/10/20 12:50:59.27834)}
5465     StreamID:{size=8
5466               type=455
5467               streamID=50}
5468     Depth:{size=40
5469            type=505
5470            sourceTime=1445359619
5471            sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)
5472            symbolSeqNum=3
5473            series=20693759
5474            Price_1=0
5475            Price_2=0
5476            Price_3=0
5477            Shares_1=0
5478            Shares_2=0
5479            Shares_3=0}
5480
5481
5482 =====PACKET
5483
5484     Header={pktSize=24
5485             numberMsgs=1
5486             deliveryFlag=1
5487             seqNum=98
5488             sendTime=1445359869
5489             sendTimeNS=653941000 (2015/10/20 12:51:09.653941)}
5490     StreamID:{size=8
5491               type=455
5492               streamID=49}
5493
5494
5495 =====PACKET
5496
5497     Header={pktSize=24
5498             numberMsgs=1
5499             deliveryFlag=1
5500             seqNum=3
5501             sendTime=1445359872
5502             sendTimeNS=428000 (2015/10/20 12:51:12.428)}
5503     StreamID:{size=8
5504               type=455
5505               streamID=48}
5506
5507
5508 =====PACKET
```

```
5509
5510   Header={pktSize=64
5511         numberMsgs=2
5512         deliveryFlag=3
5513         seqNum=256
5514         sendTime=1445359875
5515         sendTimeNS=406430000 (2015/10/20 12:51:15.406430) }
5516   StreamID:{size=8
5517             type=455
5518             streamID=50}
5519   Depth:{size=40
5520         type=503
5521         sourceTime=1445359635
5522         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
5523         symbolSeqNum=3
5524         series=20693759
5525         Price_1=0
5526         Price_2=0
5527         Price_3=0
5528         Shares_1=0
5529         Shares_2=0
5530         Shares_3=0}
5531
5532
5533   =====PACKET
5534
5535   Header={pktSize=184
5536         numberMsgs=5
5537         deliveryFlag=3
5538         seqNum=258
5539         sendTime=1445359875
5540         sendTimeNS=406564000 (2015/10/20 12:51:15.406564) }
5541   StreamID:{size=8
5542             type=455
5543             streamID=50}
5544   Depth:{size=40
5545         type=503
5546         sourceTime=1445359635
5547         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
5548         symbolSeqNum=6
5549         series=20693721
5550         Price_1=0
5551         Price_2=0
5552         Price_3=0
5553         Shares_1=0
5554         Shares_2=0
5555         Shares_3=0}
5556   Depth:{size=40
5557         type=503
5558         sourceTime=1445359635
5559         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
5560         symbolSeqNum=6
5561         series=20693722
5562         Price_1=0
```

```
5563         Price_2=0
5564         Price_3=0
5565         Shares_1=0
5566         Shares_2=0
5567         Shares_3=0}
5568     Depth:{size=40
5569         type=505
5570         sourceTime=1445359635
5571         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
5572         symbolSeqNum=6
5573         series=20693721
5574         Price_1=0
5575         Price_2=0
5576         Price_3=0
5577         Shares_1=0
5578         Shares_2=0
5579         Shares_3=0}
5580     Depth:{size=40
5581         type=505
5582         sourceTime=1445359635
5583         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
5584         symbolSeqNum=6
5585         series=20693722
5586         Price_1=0
5587         Price_2=0
5588         Price_3=0
5589         Shares_1=0
5590         Shares_2=0
5591         Shares_3=0}
5592
5593
5594     =====PACKET
5595
5596     Header={pktSize=104
5597         numberMsgs=3
5598         deliveryFlag=3
5599         seqNum=263
5600         sendTime=1445359889
5601         sendTimeNS=107695000 (2015/10/20 12:51:29.107695)}
5602     StreamID:{size=8
5603         type=455
5604         streamID=50}
5605     Depth:{size=40
5606         type=503
5607         sourceTime=1445359769
5608         sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
5609         symbolSeqNum=15
5610         series=20693719
5611         Price_1=0
5612         Price_2=0
5613         Price_3=0
5614         Shares_1=0
5615         Shares_2=0
5616         Shares_3=0}
```

5617 Depth:{size=40
5618 type=505
5619 sourceTime=1445359769
5620 sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
5621 symbolSeqNum=15
5622 series=20693719
5623 Price_1=0
5624 Price_2=0
5625 Price_3=0
5626 Shares_1=0
5627 Shares_2=0
5628 Shares_3=0}

5629
5630
5631 =====PACKET

5632
5633 Header={pktSize=104
5634 numberMsgs=3
5635 deliveryFlag=3
5636 seqNum=98
5637 sendTime=1445359899
5638 sendTimeNS=653939000 (2015/10/20 12:51:39.653939) }
5639 StreamID:{size=8
5640 type=455
5641 streamID=49}

5642 Depth:{size=40
5643 type=503
5644 sourceTime=1445359779
5645 sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
5646 symbolSeqNum=4
5647 series=20693809
5648 Price_1=0
5649 Price_2=0
5650 Price_3=0
5651 Shares_1=0
5652 Shares_2=0
5653 Shares_3=0}

5654 Depth:{size=40
5655 type=505
5656 sourceTime=1445359779
5657 sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
5658 symbolSeqNum=4
5659 series=20693809
5660 Price_1=0
5661 Price_2=0
5662 Price_3=0
5663 Shares_1=0
5664 Shares_2=0
5665 Shares_3=0}

5666
5667
5668 =====PACKET

5669
5670 Header={pktSize=24

```
5671         numberMsgs=1
5672         deliveryFlag=1
5673         seqNum=3
5674         sendTime=1445359902
5675         sendTimeNS=431000 (2015/10/20 12:51:42.431)}
5676     StreamID:{size=8
5677         type=455
5678         streamID=48}
5679
5680
5681     =====PACKET
5682
5683     Header={pktSize=104
5684         numberMsgs=3
5685         deliveryFlag=3
5686         seqNum=266
5687         sendTime=1445359912
5688         sendTimeNS=745106000 (2015/10/20 12:51:52.745106)}
5689     StreamID:{size=8
5690         type=455
5691         streamID=50}
5692     Depth:{size=40
5693         type=503
5694         sourceTime=1445359792
5695         sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
5696         symbolSeqNum=14
5697         series=20693761
5698         Price_1=0
5699         Price_2=0
5700         Price_3=0
5701         Shares_1=0
5702         Shares_2=0
5703         Shares_3=0}
5704     Depth:{size=40
5705         type=505
5706         sourceTime=1445359792
5707         sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
5708         symbolSeqNum=14
5709         series=20693761
5710         Price_1=54000
5711         Price_2=0
5712         Price_3=0
5713         Shares_1=90
5714         Shares_2=0
5715         Shares_3=0}
5716
5717
5718     =====PACKET
5719
5720     Header={pktSize=104
5721         numberMsgs=3
5722         deliveryFlag=3
5723         seqNum=269
5724         sendTime=1445359913
```

```
5725         sendTimeNS=247996000 (2015/10/20 12:51:53.247996) }
5726 StreamID:{size=8
5727         type=455
5728         streamID=50}
5729 Depth:{size=40
5730         type=503
5731         sourceTime=1445359793
5732         sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
5733         symbolSeqNum=12
5734         series=20693763
5735         Price_1=25000
5736         Price_2=0
5737         Price_3=0
5738         Shares_1=190
5739         Shares_2=0
5740         Shares_3=0}
5741 Depth:{size=40
5742         type=505
5743         sourceTime=1445359793
5744         sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
5745         symbolSeqNum=12
5746         series=20693763
5747         Price_1=0
5748         Price_2=0
5749         Price_3=0
5750         Shares_1=0
5751         Shares_2=0
5752         Shares_3=0}
5753
5754
5755 =====PACKET
5756
5757 Header={pktSize=104
5758         numberMsgs=3
5759         deliveryFlag=3
5760         seqNum=272
5761         sendTime=1445359927
5762         sendTimeNS=550489000 (2015/10/20 12:52:07.550489) }
5763 StreamID:{size=8
5764         type=455
5765         streamID=50}
5766 Depth:{size=40
5767         type=503
5768         sourceTime=1445359807
5769         sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
5770         symbolSeqNum=18
5771         series=20693720
5772         Price_1=0
5773         Price_2=0
5774         Price_3=0
5775         Shares_1=0
5776         Shares_2=0
5777         Shares_3=0}
5778 Depth:{size=40
```

5779 type=505
5780 sourceTime=1445359807
5781 sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
5782 symbolSeqNum=18
5783 series=20693720
5784 Price_1=0
5785 Price_2=0
5786 Price_3=0
5787 Shares_1=0
5788 Shares_2=0
5789 Shares_3=0}

5790
5791

5792 =====PACKET

5793

5794 Header={pktSize=104
5795 numberMsgs=3
5796 deliveryFlag=3
5797 seqNum=275
5798 sendTime=1445359929
5799 sendTimeNS=124106000 (2015/10/20 12:52:09.124106)}

5800 StreamID:{size=8

5801 type=455

5802 streamID=50}

5803 Depth:{size=40

5804 type=503

5805 sourceTime=1445359809

5806 sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)

5807 symbolSeqNum=6

5808 series=20693717

5809 Price_1=50000

5810 Price_2=0

5811 Price_3=0

5812 Shares_1=1

5813 Shares_2=0

5814 Shares_3=0}

5815 Depth:{size=40

5816 type=505

5817 sourceTime=1445359809

5818 sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)

5819 symbolSeqNum=6

5820 series=20693717

5821 Price_1=0

5822 Price_2=0

5823 Price_3=0

5824 Shares_1=0

5825 Shares_2=0

5826 Shares_3=0}

5827

5828

5829 =====PACKET

5830

5831 Header={pktSize=24

5832 numberMsgs=1

```
5833         deliveryFlag=1
5834         seqNum=101
5835         sendTime=1445359929
5836         sendTimeNS=653943000 (2015/10/20 12:52:09.653943) }
5837     StreamID:{size=8
5838         type=455
5839         streamID=49}
5840
5841
5842     =====PACKET
5843
5844     Header={pktSize=24
5845         numberMsgs=1
5846         deliveryFlag=1
5847         seqNum=3
5848         sendTime=1445359932
5849         sendTimeNS=433000 (2015/10/20 12:52:12.433) }
5850     StreamID:{size=8
5851         type=455
5852         streamID=48}
5853
5854
5855     =====PACKET
5856
5857     Header={pktSize=184
5858         numberMsgs=5
5859         deliveryFlag=11
5860         seqNum=278
5861         sendTime=1445359939
5862         sendTimeNS=630785000 (2015/10/20 12:52:19.630785) }
5863     StreamID:{size=8
5864         type=455
5865         streamID=50}
5866     Depth:{size=40
5867         type=405
5868         sourceTime=1445359939
5869         sourceTimeNS=630723000 (2015/10/20 12:52:19.630723)
5870         symbolSeqNum=15
5871         series=20693761
5872         Price_1=0
5873         Price_2=0
5874         Price_3=0
5875         Shares_1=0
5876         Shares_2=0
5877         Shares_3=0}
5878     Depth:{size=40
5879         type=403
5880         sourceTime=1445359939
5881         sourceTimeNS=630747000 (2015/10/20 12:52:19.630747)
5882         symbolSeqNum=13
5883         series=20693763
5884         Price_1=25000
5885         Price_2=0
5886         Price_3=0
```

```
5887     Shares_1=180
5888     Shares_2=0
5889     Shares_3=0}
5890 Depth:{size=40
5891     type=403
5892     sourceTime=1445359939
5893     sourceTimeNS=630756000 (2015/10/20 12:52:19.630756)
5894     symbolSeqNum=14
5895     series=20693763
5896     Price_1=0
5897     Price_2=0
5898     Price_3=0
5899     Shares_1=0
5900     Shares_2=0
5901     Shares_3=0}
5902 Depth:{size=40
5903     type=403
5904     sourceTime=1445359939
5905     sourceTimeNS=630761000 (2015/10/20 12:52:19.630761)
5906     symbolSeqNum=7
5907     series=20693717
5908     Price_1=0
5909     Price_2=0
5910     Price_3=0
5911     Shares_1=0
5912     Shares_2=0
5913     Shares_3=0}
5914
5915
5916 =====PACKET
5917
5918     Header={pktSize=24
5919         numberMsgs=1
5920         deliveryFlag=1
5921         seqNum=101
5922         sendTime=1445359959
5923         sendTimeNS=653947000 (2015/10/20 12:52:39.653947)}
5924     StreamID:{size=8
5925         type=455
5926         streamID=49}
5927
5928
5929 =====PACKET
5930
5931     Header={pktSize=24
5932         numberMsgs=1
5933         deliveryFlag=1
5934         seqNum=3
5935         sendTime=1445359962
5936         sendTimeNS=436000 (2015/10/20 12:52:42.436)}
5937     StreamID:{size=8
5938         type=455
5939         streamID=48}
5940
```

```
5941
5942 =====PACKET
5943
5944     Header={pktSize=24
5945             numberMsgs=1
5946             deliveryFlag=1
5947             seqNum=283
5948             sendTime=1445359969
5949             sendTimeNS=630790000 (2015/10/20 12:52:49.630790) }
5950     StreamID:{size=8
5951             type=455
5952             streamID=50}
5953
5954
5955 =====PACKET
5956
5957     Header={pktSize=64
5958             numberMsgs=2
5959             deliveryFlag=3
5960             seqNum=283
5961             sendTime=1445359979
5962             sendTimeNS=27837000 (2015/10/20 12:52:59.27837) }
5963     StreamID:{size=8
5964             type=455
5965             streamID=50}
5966     Depth:{size=40
5967            type=505
5968            sourceTime=1445359619
5969            sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)
5970            symbolSeqNum=3
5971            series=20693759
5972            Price_1=0
5973            Price_2=0
5974            Price_3=0
5975            Shares_1=0
5976            Shares_2=0
5977            Shares_3=0}
5978
5979
5980 =====PACKET
5981
5982     Header={pktSize=24
5983             numberMsgs=1
5984             deliveryFlag=1
5985             seqNum=101
5986             sendTime=1445359989
5987             sendTimeNS=653954000 (2015/10/20 12:53:09.653954) }
5988     StreamID:{size=8
5989             type=455
5990             streamID=49}
5991
5992
5993 =====PACKET
5994
```

```
5995     Header={pktSize=24
5996         numberMsgs=1
5997         deliveryFlag=1
5998         seqNum=3
5999         sendTime=1445359992
6000         sendTimeNS=440000 (2015/10/20 12:53:12.440)}
6001     StreamID:{size=8
6002         type=455
6003         streamID=48}
6004
6005
6006     =====PACKET
6007
6008     Header={pktSize=64
6009         numberMsgs=2
6010         deliveryFlag=3
6011         seqNum=285
6012         sendTime=1445359995
6013         sendTimeNS=406429000 (2015/10/20 12:53:15.406429)}
6014     StreamID:{size=8
6015         type=455
6016         streamID=50}
6017     Depth:{size=40
6018         type=503
6019         sourceTime=1445359635
6020         sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
6021         symbolSeqNum=3
6022         series=20693759
6023         Price_1=0
6024         Price_2=0
6025         Price_3=0
6026         Shares_1=0
6027         Shares_2=0
6028         Shares_3=0}
6029
6030
6031     =====PACKET
6032
6033     Header={pktSize=144
6034         numberMsgs=4
6035         deliveryFlag=3
6036         seqNum=287
6037         sendTime=1445359995
6038         sendTimeNS=406561000 (2015/10/20 12:53:15.406561)}
6039     StreamID:{size=8
6040         type=455
6041         streamID=50}
6042     Depth:{size=40
6043         type=503
6044         sourceTime=1445359635
6045         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6046         symbolSeqNum=6
6047         series=20693721
6048         Price_1=0
```

```
6049         Price_2=0
6050         Price_3=0
6051         Shares_1=0
6052         Shares_2=0
6053         Shares_3=0}
6054     Depth:{size=40
6055         type=505
6056         sourceTime=1445359635
6057         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6058         symbolSeqNum=6
6059         series=20693721
6060         Price_1=0
6061         Price_2=0
6062         Price_3=0
6063         Shares_1=0
6064         Shares_2=0
6065         Shares_3=0}
6066     Depth:{size=40
6067         type=505
6068         sourceTime=1445359635
6069         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6070         symbolSeqNum=6
6071         series=20693722
6072         Price_1=0
6073         Price_2=0
6074         Price_3=0
6075         Shares_1=0
6076         Shares_2=0
6077         Shares_3=0}
6078
6079
6080     =====PACKET
6081
6082     Header={pktSize=64
6083         numberMsgs=2
6084         deliveryFlag=3
6085         seqNum=291
6086         sendTime=1445359995
6087         sendTimeNS=406629000 (2015/10/20 12:53:15.406629)}
6088     StreamID:{size=8
6089         type=455
6090         streamID=50}
6091     Depth:{size=40
6092         type=503
6093         sourceTime=1445359635
6094         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6095         symbolSeqNum=6
6096         series=20693722
6097         Price_1=0
6098         Price_2=0
6099         Price_3=0
6100         Shares_1=0
6101         Shares_2=0
6102         Shares_3=0}
```

```
6103
6104
6105 =====PACKET
6106
6107     Header={pktSize=104
6108             numberMsgs=3
6109             deliveryFlag=3
6110             seqNum=293
6111             sendTime=1445360009
6112             sendTimeNS=107691000 (2015/10/20 12:53:29.107691)}
6113     StreamID:{size=8
6114             type=455
6115             streamID=50}
6116     Depth:{size=40
6117           type=503
6118           sourceTime=1445359769
6119           sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
6120           symbolSeqNum=15
6121           series=20693719
6122           Price_1=0
6123           Price_2=0
6124           Price_3=0
6125           Shares_1=0
6126           Shares_2=0
6127           Shares_3=0}
6128     Depth:{size=40
6129           type=505
6130           sourceTime=1445359769
6131           sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
6132           symbolSeqNum=15
6133           series=20693719
6134           Price_1=0
6135           Price_2=0
6136           Price_3=0
6137           Shares_1=0
6138           Shares_2=0
6139           Shares_3=0}
6140
6141
6142 =====PACKET
6143
6144     Header={pktSize=104
6145             numberMsgs=3
6146             deliveryFlag=3
6147             seqNum=101
6148             sendTime=1445360019
6149             sendTimeNS=653944000 (2015/10/20 12:53:39.653944)}
6150     StreamID:{size=8
6151             type=455
6152             streamID=49}
6153     Depth:{size=40
6154           type=503
6155           sourceTime=1445359779
6156           sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)}
```

```
6157         symbolSeqNum=4
6158         series=20693809
6159         Price_1=0
6160         Price_2=0
6161         Price_3=0
6162         Shares_1=0
6163         Shares_2=0
6164         Shares_3=0}
6165     Depth:{size=40
6166         type=505
6167         sourceTime=1445359779
6168         sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
6169         symbolSeqNum=4
6170         series=20693809
6171         Price_1=0
6172         Price_2=0
6173         Price_3=0
6174         Shares_1=0
6175         Shares_2=0
6176         Shares_3=0}
6177
6178
6179     =====PACKET
6180
6181     Header={pktSize=24
6182         numberMsgs=1
6183         deliveryFlag=1
6184         seqNum=3
6185         sendTime=1445360022
6186         sendTimeNS=444000 (2015/10/20 12:53:42.444)}
6187     StreamID:{size=8
6188         type=455
6189         streamID=48}
6190
6191
6192     =====PACKET
6193
6194     Header={pktSize=64
6195         numberMsgs=2
6196         deliveryFlag=3
6197         seqNum=296
6198         sendTime=1445360032
6199         sendTimeNS=745106000 (2015/10/20 12:53:52.745106)}
6200     StreamID:{size=8
6201         type=455
6202         streamID=50}
6203     Depth:{size=40
6204         type=503
6205         sourceTime=1445359792
6206         sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
6207         symbolSeqNum=15
6208         series=20693761
6209         Price_1=0
6210         Price_2=0
```

```
6211         Price_3=0
6212         Shares_1=0
6213         Shares_2=0
6214         Shares_3=0}
6215
6216
6217 =====PACKET
6218
6219         Header={pktSize=64
6220             numberMsgs=2
6221             deliveryFlag=3
6222             seqNum=298
6223             sendTime=1445360033
6224             sendTimeNS=247995000 (2015/10/20 12:53:53.247995)}
6225         StreamID:{size=8
6226             type=455
6227             streamID=50}
6228         Depth:{size=40
6229             type=505
6230             sourceTime=1445359793
6231             sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
6232             symbolSeqNum=14
6233             series=20693763
6234             Price_1=0
6235             Price_2=0
6236             Price_3=0
6237             Shares_1=0
6238             Shares_2=0
6239             Shares_3=0}
6240
6241
6242 =====PACKET
6243
6244         Header={pktSize=104
6245             numberMsgs=3
6246             deliveryFlag=3
6247             seqNum=300
6248             sendTime=1445360047
6249             sendTimeNS=550488000 (2015/10/20 12:54:07.550488)}
6250         StreamID:{size=8
6251             type=455
6252             streamID=50}
6253         Depth:{size=40
6254             type=503
6255             sourceTime=1445359807
6256             sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
6257             symbolSeqNum=18
6258             series=20693720
6259             Price_1=0
6260             Price_2=0
6261             Price_3=0
6262             Shares_1=0
6263             Shares_2=0
6264             Shares_3=0}
```

```
6265     Depth:{size=40
6266         type=505
6267         sourceTime=1445359807
6268         sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
6269         symbolSeqNum=18
6270         series=20693720
6271         Price_1=0
6272         Price_2=0
6273         Price_3=0
6274         Shares_1=0
6275         Shares_2=0
6276         Shares_3=0}
6277
```

```
6278
6279 =====PACKET
6280
```

```
6281     Header={pktSize=64
6282         numberMsgs=2
6283         deliveryFlag=3
6284         seqNum=303
6285         sendTime=1445360049
6286         sendTimeNS=124110000 (2015/10/20 12:54:09.124110)}
6287     StreamID:{size=8
6288         type=455
6289         streamID=50}
6290     Depth:{size=40
6291         type=505
6292         sourceTime=1445359809
6293         sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)
6294         symbolSeqNum=7
6295         series=20693717
6296         Price_1=0
6297         Price_2=0
6298         Price_3=0
6299         Shares_1=0
6300         Shares_2=0
6301         Shares_3=0}
6302
```

```
6303
6304 =====PACKET
6305
```

```
6306     Header={pktSize=24
6307         numberMsgs=1
6308         deliveryFlag=1
6309         seqNum=104
6310         sendTime=1445360049
6311         sendTimeNS=653947000 (2015/10/20 12:54:09.653947)}
6312     StreamID:{size=8
6313         type=455
6314         streamID=49}
6315
```

```
6316
6317 =====PACKET
6318
```

```
6319     Header={pktSize=24
6320         numberMsgs=1
6321         deliveryFlag=1
6322         seqNum=3
6323         sendTime=1445360052
6324         sendTimeNS=449000 (2015/10/20 12:54:12.449)}
6325     StreamID:{size=8
6326         type=455
6327         streamID=48}
6328
6329
6330     =====PACKET
6331
6332     Header={pktSize=64
6333         numberMsgs=2
6334         deliveryFlag=3
6335         seqNum=305
6336         sendTime=1445360059
6337         sendTimeNS=630781000 (2015/10/20 12:54:19.630781)}
6338     StreamID:{size=8
6339         type=455
6340         streamID=50}
6341     Depth:{size=40
6342         type=505
6343         sourceTime=1445359939
6344         sourceTimeNS=630723000 (2015/10/20 12:52:19.630723)
6345         symbolSeqNum=15
6346         series=20693761
6347         Price_1=0
6348         Price_2=0
6349         Price_3=0
6350         Shares_1=0
6351         Shares_2=0
6352         Shares_3=0}
6353
6354
6355     =====PACKET
6356
6357     Header={pktSize=104
6358         numberMsgs=3
6359         deliveryFlag=3
6360         seqNum=307
6361         sendTime=1445360059
6362         sendTimeNS=630914000 (2015/10/20 12:54:19.630914)}
6363     StreamID:{size=8
6364         type=455
6365         streamID=50}
6366     Depth:{size=40
6367         type=503
6368         sourceTime=1445359939
6369         sourceTimeNS=630756000 (2015/10/20 12:52:19.630756)
6370         symbolSeqNum=14
6371         series=20693763
6372         Price_1=0
```

```
6373         Price_2=0
6374         Price_3=0
6375         Shares_1=0
6376         Shares_2=0
6377         Shares_3=0}
6378     Depth:{size=40
6379         type=503
6380         sourceTime=1445359939
6381         sourceTimeNS=630761000 (2015/10/20 12:52:19.630761)
6382         symbolSeqNum=7
6383         series=20693717
6384         Price_1=0
6385         Price_2=0
6386         Price_3=0
6387         Shares_1=0
6388         Shares_2=0
6389         Shares_3=0}
6390
6391
6392     =====PACKET
6393
6394         Header={pktSize=24
6395             numberMsgs=1
6396             deliveryFlag=1
6397             seqNum=104
6398             sendTime=1445360079
6399             sendTimeNS=653949000 (2015/10/20 12:54:39.653949)}
6400     StreamID:{size=8
6401         type=455
6402         streamID=49}
6403
6404
6405     =====PACKET
6406
6407         Header={pktSize=24
6408             numberMsgs=1
6409             deliveryFlag=1
6410             seqNum=3
6411             sendTime=1445360082
6412             sendTimeNS=454000 (2015/10/20 12:54:42.454)}
6413     StreamID:{size=8
6414         type=455
6415         streamID=48}
6416
6417
6418     =====PACKET
6419
6420         Header={pktSize=24
6421             numberMsgs=1
6422             deliveryFlag=1
6423             seqNum=310
6424             sendTime=1445360089
6425             sendTimeNS=630917000 (2015/10/20 12:54:49.630917)}
6426     StreamID:{size=8
```

```
6427         type=455
6428         streamID=50}
6429
6430
6431 =====PACKET
6432
6433     Header={pktSize=64
6434             numberMsgs=2
6435             deliveryFlag=3
6436             seqNum=310
6437             sendTime=1445360099
6438             sendTimeNS=27834000 (2015/10/20 12:54:59.27834)}
6439     StreamID:{size=8
6440               type=455
6441               streamID=50}
6442     Depth:{size=40
6443            type=505
6444            sourceTime=1445359619
6445            sourceTimeNS=27799000 (2015/10/20 12:46:59.27799)
6446            symbolSeqNum=3
6447            series=20693759
6448            Price_1=0
6449            Price_2=0
6450            Price_3=0
6451            Shares_1=0
6452            Shares_2=0
6453            Shares_3=0}
6454
6455
6456 =====PACKET
6457
6458     Header={pktSize=24
6459             numberMsgs=1
6460             deliveryFlag=1
6461             seqNum=104
6462             sendTime=1445360109
6463             sendTimeNS=653953000 (2015/10/20 12:55:09.653953)}
6464     StreamID:{size=8
6465               type=455
6466               streamID=49}
6467
6468
6469 =====PACKET
6470
6471     Header={pktSize=24
6472             numberMsgs=1
6473             deliveryFlag=1
6474             seqNum=3
6475             sendTime=1445360112
6476             sendTimeNS=456000 (2015/10/20 12:55:12.456)}
6477     StreamID:{size=8
6478               type=455
6479               streamID=48}
6480
```

```
6481
6482 =====PACKET
6483
6484     Header={pktSize=64
6485             numberMsgs=2
6486             deliveryFlag=3
6487             seqNum=312
6488             sendTime=1445360115
6489             sendTimeNS=406434000 (2015/10/20 12:55:15.406434)}
6490     StreamID:{size=8
6491             type=455
6492             streamID=50}
6493     Depth:{size=40
6494           type=503
6495           sourceTime=1445359635
6496           sourceTimeNS=406360000 (2015/10/20 12:47:15.406360)
6497           symbolSeqNum=3
6498           series=20693759
6499           Price_1=0
6500           Price_2=0
6501           Price_3=0
6502           Shares_1=0
6503           Shares_2=0
6504           Shares_3=0}
6505
6506
6507 =====PACKET
6508
6509     Header={pktSize=184
6510             numberMsgs=5
6511             deliveryFlag=3
6512             seqNum=314
6513             sendTime=1445360115
6514             sendTimeNS=406574000 (2015/10/20 12:55:15.406574)}
6515     StreamID:{size=8
6516             type=455
6517             streamID=50}
6518     Depth:{size=40
6519           type=503
6520           sourceTime=1445359635
6521           sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6522           symbolSeqNum=6
6523           series=20693721
6524           Price_1=0
6525           Price_2=0
6526           Price_3=0
6527           Shares_1=0
6528           Shares_2=0
6529           Shares_3=0}
6530     Depth:{size=40
6531           type=503
6532           sourceTime=1445359635
6533           sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6534           symbolSeqNum=6
```

```
6535         series=20693722
6536         Price_1=0
6537         Price_2=0
6538         Price_3=0
6539         Shares_1=0
6540         Shares_2=0
6541         Shares_3=0}
6542     Depth:{size=40
6543         type=505
6544         sourceTime=1445359635
6545         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6546         symbolSeqNum=6
6547         series=20693721
6548         Price_1=0
6549         Price_2=0
6550         Price_3=0
6551         Shares_1=0
6552         Shares_2=0
6553         Shares_3=0}
6554     Depth:{size=40
6555         type=505
6556         sourceTime=1445359635
6557         sourceTimeNS=406445000 (2015/10/20 12:47:15.406445)
6558         symbolSeqNum=6
6559         series=20693722
6560         Price_1=0
6561         Price_2=0
6562         Price_3=0
6563         Shares_1=0
6564         Shares_2=0
6565         Shares_3=0}
6566
6567
6568     =====PACKET
6569
6570     Header={pktSize=104
6571         numberMsgs=3
6572         deliveryFlag=3
6573         seqNum=319
6574         sendTime=1445360129
6575         sendTimeNS=107689000 (2015/10/20 12:55:29.107689)}
6576     StreamID:{size=8
6577         type=455
6578         streamID=50}
6579     Depth:{size=40
6580         type=503
6581         sourceTime=1445359769
6582         sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
6583         symbolSeqNum=15
6584         series=20693719
6585         Price_1=0
6586         Price_2=0
6587         Price_3=0
6588         Shares_1=0
```

```
6589         Shares_2=0
6590         Shares_3=0}
6591     Depth:{size=40
6592         type=505
6593         sourceTime=1445359769
6594         sourceTimeNS=107642000 (2015/10/20 12:49:29.107642)
6595         symbolSeqNum=15
6596         series=20693719
6597         Price_1=0
6598         Price_2=0
6599         Price_3=0
6600         Shares_1=0
6601         Shares_2=0
6602         Shares_3=0}
6603
6604
6605     =====PACKET
6606
6607     Header={pktSize=104
6608         numberMsgs=3
6609         deliveryFlag=3
6610         seqNum=104
6611         sendTime=1445360139
6612         sendTimeNS=653945000 (2015/10/20 12:55:39.653945) }
6613     StreamID:{size=8
6614         type=455
6615         streamID=49}
6616     Depth:{size=40
6617         type=503
6618         sourceTime=1445359779
6619         sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
6620         symbolSeqNum=4
6621         series=20693809
6622         Price_1=0
6623         Price_2=0
6624         Price_3=0
6625         Shares_1=0
6626         Shares_2=0
6627         Shares_3=0}
6628     Depth:{size=40
6629         type=505
6630         sourceTime=1445359779
6631         sourceTimeNS=653906000 (2015/10/20 12:49:39.653906)
6632         symbolSeqNum=4
6633         series=20693809
6634         Price_1=0
6635         Price_2=0
6636         Price_3=0
6637         Shares_1=0
6638         Shares_2=0
6639         Shares_3=0}
6640
6641     =====PACKET
6642
```

```
6643
6644     Header={pktSize=24
6645             numberMsgs=1
6646             deliveryFlag=1
6647             seqNum=3
6648             sendTime=1445360142
6649             sendTimeNS=460000 (2015/10/20 12:55:42.460)}
6650     StreamID:{size=8
6651             type=455
6652             streamID=48}
6653
6654
6655     =====PACKET
6656
6657     Header={pktSize=64
6658             numberMsgs=2
6659             deliveryFlag=3
6660             seqNum=322
6661             sendTime=1445360152
6662             sendTimeNS=745100000 (2015/10/20 12:55:52.745100)}
6663     StreamID:{size=8
6664             type=455
6665             streamID=50}
6666     Depth:{size=40
6667           type=503
6668           sourceTime=1445359792
6669           sourceTimeNS=745064000 (2015/10/20 12:49:52.745064)
6670           symbolSeqNum=15
6671           series=20693761
6672           Price_1=0
6673           Price_2=0
6674           Price_3=0
6675           Shares_1=0
6676           Shares_2=0
6677           Shares_3=0}
6678
6679
6680     =====PACKET
6681
6682     Header={pktSize=64
6683             numberMsgs=2
6684             deliveryFlag=3
6685             seqNum=324
6686             sendTime=1445360153
6687             sendTimeNS=247994000 (2015/10/20 12:55:53.247994)}
6688     StreamID:{size=8
6689             type=455
6690             streamID=50}
6691     Depth:{size=40
6692           type=505
6693           sourceTime=1445359793
6694           sourceTimeNS=247958000 (2015/10/20 12:49:53.247958)
6695           symbolSeqNum=14
6696           series=20693763
```

```
6697         Price_1=0
6698         Price_2=0
6699         Price_3=0
6700         Shares_1=0
6701         Shares_2=0
6702         Shares_3=0}
6703
6704
6705 =====PACKET
6706
6707         Header={pktSize=104
6708             numberMsgs=3
6709             deliveryFlag=3
6710             seqNum=326
6711             sendTime=1445360167
6712             sendTimeNS=550486000 (2015/10/20 12:56:07.550486)}
6713         StreamID:{size=8
6714             type=455
6715             streamID=50}
6716         Depth:{size=40
6717             type=503
6718             sourceTime=1445359807
6719             sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
6720             symbolSeqNum=18
6721             series=20693720
6722             Price_1=0
6723             Price_2=0
6724             Price_3=0
6725             Shares_1=0
6726             Shares_2=0
6727             Shares_3=0}
6728         Depth:{size=40
6729             type=505
6730             sourceTime=1445359807
6731             sourceTimeNS=550434000 (2015/10/20 12:50:07.550434)
6732             symbolSeqNum=18
6733             series=20693720
6734             Price_1=0
6735             Price_2=0
6736             Price_3=0
6737             Shares_1=0
6738             Shares_2=0
6739             Shares_3=0}
6740
6741
6742 =====PACKET
6743
6744         Header={pktSize=64
6745             numberMsgs=2
6746             deliveryFlag=3
6747             seqNum=329
6748             sendTime=1445360169
6749             sendTimeNS=124111000 (2015/10/20 12:56:09.124111)}
6750         StreamID:{size=8
```

```
6751         type=455
6752         streamID=50}
6753     Depth:{size=40
6754         type=505
6755         sourceTime=1445359809
6756         sourceTimeNS=124057000 (2015/10/20 12:50:09.124057)
6757         symbolSeqNum=7
6758         series=20693717
6759         Price_1=0
6760         Price_2=0
6761         Price_3=0
6762         Shares_1=0
6763         Shares_2=0
6764         Shares_3=0}
6765
6766
6767     =====PACKET
6768
6769         Header={pktSize=24
6770             numberMsgs=1
6771             deliveryFlag=1
6772             seqNum=107
6773             sendTime=1445360169
6774             sendTimeNS=653950000 (2015/10/20 12:56:09.653950)}
6775         StreamID:{size=8
6776             type=455
6777             streamID=49}
6778
6779
6780     =====PACKET
6781
6782         Header={pktSize=24
6783             numberMsgs=1
6784             deliveryFlag=1
6785             seqNum=3
6786             sendTime=1445360172
6787             sendTimeNS=465000 (2015/10/20 12:56:12.465)}
6788         StreamID:{size=8
6789             type=455
6790             streamID=48}
6791
6792
6793     =====PACKET
6794
6795         Header={pktSize=64
6796             numberMsgs=2
6797             deliveryFlag=3
6798             seqNum=331
6799             sendTime=1445360179
6800             sendTimeNS=630779000 (2015/10/20 12:56:19.630779)}
6801         StreamID:{size=8
6802             type=455
6803             streamID=50}
6804     Depth:{size=40
```

```
6805         type=505
6806         sourceTime=1445359939
6807         sourceTimeNS=630723000 (2015/10/20 12:52:19.630723)
6808         symbolSeqNum=15
6809         series=20693761
6810         Price_1=0
6811         Price_2=0
6812         Price_3=0
6813         Shares_1=0
6814         Shares_2=0
6815         Shares_3=0}
6816
6817
6818 =====PACKET
6819
6820         Header={pktSize=104
6821                 numberMsgs=3
6822                 deliveryFlag=3
6823                 seqNum=333
6824                 sendTime=1445360179
6825                 sendTimeNS=630878000 (2015/10/20 12:56:19.630878)}
6826         StreamID:{size=8
6827                 type=455
6828                 streamID=50}
6829         Depth:{size=40
6830                 type=503
6831                 sourceTime=1445359939
6832                 sourceTimeNS=630756000 (2015/10/20 12:52:19.630756)
6833                 symbolSeqNum=14
6834                 series=20693763
6835                 Price_1=0
6836                 Price_2=0
6837                 Price_3=0
6838                 Shares_1=0
6839                 Shares_2=0
6840                 Shares_3=0}
6841         Depth:{size=40
6842                 type=503
6843                 sourceTime=1445359939
6844                 sourceTimeNS=630761000 (2015/10/20 12:52:19.630761)
6845                 symbolSeqNum=7
6846                 series=20693717
6847                 Price_1=0
6848                 Price_2=0
6849                 Price_3=0
6850                 Shares_1=0
6851                 Shares_2=0
6852                 Shares_3=0}
6853
```