

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Data Report for the 1985 Seismic-Refraction Experiment
at Yucca Mountain and Vicinity, Southwestern Nevada

Vickie D. Sutton¹

Open-File Report 85-591

Prepared in cooperation with the Nevada Operational Office
U. S. Department of Energy
(Interagency Agreement DE-AI08-78ET44802)

This report (map) is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards (and stratigraphic nomenclature). Any use of trade names is for descriptive purposes only and does not imply endorsement by the U. S. Geological Survey.

1. USGS, Menlo Park, CA 94025

TABLE OF CONTENTS

	Page
Introduction.....	1
Acknowledgments.....	2
Surveying Seismic Recorder and Shotpoint Sites.....	3
Shotpoints and Seismic Recorders.....	3
Data Processing and Picking First-Arrival Times.....	4
Reference.....	5
Appendix A- Table of Seismograph Locations.....	9
Appendix B- Shot Locations and Times, Tape Grade Code, and DKDAT Data File.....	14
Appendix C- First Arrival Times.....	64

FIGURES

1. Schematic Diagram of Seismic Recorders.....6
2. System Response Curve for Seismic Recording Units.....7
3. Schematic of Data Processing System.....8

PLATES

1. Map of Yucca Mountain and vicinity, Southwestern Nevada, with Numbered
Shotpoints and Recorder Site Locations
2. Record Sections- East-West Profile, Line A. Shot 1: Shotpoint 18 and
Shot 2: Shotpoint 15
3. Record Sections- East-West Profile, Line A. Shot 3: Shotpoint 2 and
Shot 4: Shotpoint 5*
4. Record Sections- East-West Profile, Line A. Shot 5: Shotpoint 19* and
Shot 6: Shotpoint 17
5. Record Sections- East-West Profile, Line A. Shot 7: Shotpoint 16 and
Shot 8: Shotpoint 1
6. Record Sections- East-West Profile, Line A. Shot 9: Shotpoint 3 and
Shot 10: Shotpoint 4
7. Record Sections- East-West Profile, Line B. Shot 11: Shotpoint 20 and
Shot 12: Shotpoint 7
8. Record Sections- East-West Profile, Line B. Shot 13: Shotpoint 23 and
Shot 14: Shotpoint 25

PLATES (continued)

9. Record Sections- East-West Profile, Line B. Shot 15: Shotpoint 27 and
Shot 16: Shotpoint 26
10. Record Sections- East-West Profile, Line B. Shot 17: Shotpoint 21 and
Shot 18: Shotpoint 22
11. Record Sections- East-West Profile, Line B. Shot 19: Shotpoint 24 and
Shot 20: Shotpoint 29
12. Record Sections- North-South Profile. Shot 21: Shotpoint 19* and
Shot 22: Shotpoint 11
13. Record Sections- North-South Profile. Shot 23: Shotpoint 8 and
Shot 24: Shotpoint 9
14. Record Sections- North-South Profile. Shot 25: Shotpoint 10 and
Shot 26: Shotpoint 5*
15. Record Sections- North-South Profile. Shot 27: Shotpoint 12 and
Shot 28: Shotpoint 6
16. Record Sections- North-South Profile. Shot 29: Shotpoint 7 and
Shot 30: Shotpoint 14
17. Record Sections- North-South Profile. Shot 31: Shotpoint 13

* Fan Shot

INTRODUCTION

In February 1985, the U. S. Geological Survey (USGS) conducted a seismic-refraction survey in the vicinity of Yucca Mountain, Southwestern Nevada to better define the P(compressional)-wave velocity structure of the upper crust in this area. This experiment is a continuation of seismic investigations at the Nevada Test Site (NTS) by the USGS on behalf of the Nevada Nuclear Waste Storage Investigations Project (NNWSI) to assess the feasibility of a proposed nuclear waste disposal site at Yucca Mountain.

The 1985 seismic-refraction survey consisted of three separate deployments: two East-West profiles, Line A and Line B, and a North-South profile (Plate 1). Thirty-one shots were recorded by 120 portable seismographs, where recorder station spacing averaged .3 km, and the shotpoints averaged 5 to 8 km apart. Additionally, off set shots were fired at shotpoints located about 7 to 15 km from the endpoints of the deployment lines. The East-West profile, Line A extended 50 km from Jackass Flats (NTS) west to the Amargosa Desert, crossing Yucca Mountain, Crater Flat and Bare Mountain. Nine shots were fired along the profile, and two off-line fan shots (Shotpoints 5 and 19) were fired at Crater Flat. The East-West Profile, Line B extended 60 km from Mercury, Nevada west to the California-Nevada boundary, where 11 shots were fired along the line. The North-South profile extended 50 km from Forty-mile Wash (NTS) along the eastern flank of Yucca Mountain south to the Amargosa Desert. Nine on-line shots and two off-line fan shots (Shotpoints 5 and 19) were fired along the North-South profile.

This report includes record sections from the twenty-nine shotpoints (Plates 2-17), a list of seismograph locations (Appendix A), a list of shotpoint locations and shot times, DKDAT data files and Tape Grade Code (Appendix B), and a list of first-arrival traveltime picks (Appendix C). Detailed interpretation of these data will be published in a subsequent report.

ACKNOWLEDGMENTS

I wish to thank T. Conway and R. Harris for their diligent assistance in surveying the site locations, and for deploying seismic recorders. I also wish to thank the field crew: P. Berge, M. Burns, B. Colburn, E. Criley, M. Daley, C. Gilbert, L. Hwang, N. MacGregor-Scott, W. Mooney, P. Meador, J. Murphy, D. Reneau, and D. Whitman. J. Cotton assisted in the report preparation. This experiment was conducted on behalf of the Nevada Nuclear Waste Storage Investigations Project (NNWSI), Nevada Operations Office, U. S. Department of Energy (Interagency Agreement DE-AI08-78ET44802).

SURVEYING SEISMIC-RECORDER AND SHOTPOINT SITES

Prior to deployment of the seismic recorders, recording sites were staked and surveyed using a Hewlett-Packard Electronic Distance Meter* (model HP3820), which employs a laser and reflectors. The laser was positioned at various points along the profiles, and reflectors were positioned at the seismic recorder sites, benchmarks, road intersections, and other features distinguishable on topographic and orthophoto maps. Digital readings of horizontal and vertical distances and azimuths from the laser to each reflector were recorded in field notes. Locations of the recorder sites were calculated by the triangulation from known points (benchmarks and road intersections).

All locations were field-checked after the experiments using Brunton compass readings, vehicle mileage, and pacing. Most locations are estimated to be accurate within 20 m. The maximum estimated error is 50 m.

SHOTPOINTS AND SEISMIC RECORDERS

Shotpoints were sited along the three profiles in as straight a line and with as even a spacing as possible, given the limitations of mobilizing a drilling rig. Typically, shotholes were drilled 36 meters deep (20 cm diameter), then loaded with about 900 to 1850 kg of high-velocity ammonium nitrate explosive, tamped to the surface with gravel and fired automatically according to clock time (Healy, et al, 1982).

The explosions were recorded by 120 portable seismic cassette-tape recorders. Each recorder contains a single vertical-component 2-Hz geophone, chronometer, calibrator, tape deck, tape-speed-compensation tone generator, three independent amplifiers commonly set 18 dB apart in gain (a factor of 8), and a WWVB radio receiver (Fig. 1). The system response peaks at about 20-30 Hz (Fig. 2).

The internal chronometers in the 120 instruments are synchronized to Greenwich Mean Time (GMT) the day prior to deployment and programmed for a maximum of ten recording times using a device called a Hand Held Tester (HHT; Healy et al, 1982). After the shots are fired, the instruments are picked up, chronometer drifts recorded, and tapes removed.

* The use of trade names is for descriptive purposes only and does not constitute endorsement by the USGS.

DATA PROCESSING AND PICKING FIRST-ARRIVAL TIMES

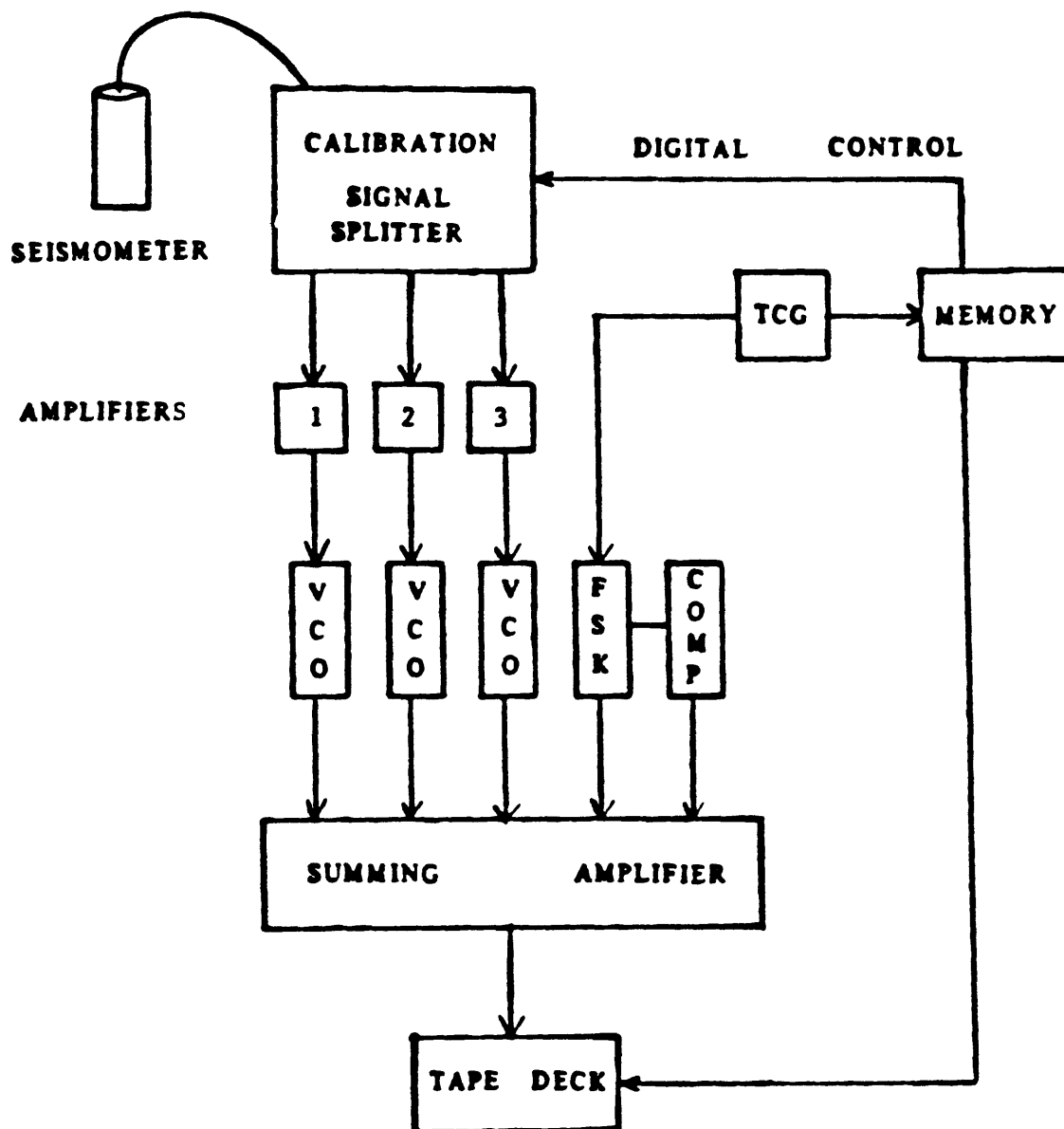
The data are converted from analog to digital format via microprocessor systems (Fig. 3). The analog data from the cassette tapes are digitized at a rate of 200 samples/sec. Twenty seconds of data are digitized for each shot and each instrument spanning the time of the expected arrival. Time zero on each trace is calculated to be the shot-instrument spacing divided by 6 km/s; and the trace is digitized for -2 s to 18 s to the maximum peak-to-peak amplitude in whatever interval is plotted. In this report we plot the interval -1 to 8 seconds for each station (Plates 2-17). Record sections are plotted with maximum trace amplitudes normalized to a common value. Negative distances on the horizontal axis on the record sections indicate positions north of the shotpoints on the North-South profile and west of the shotpoints on the East-West profiles (Plates 2-17).

First-arrival travel times were picked from the record sections using cross-hairs displayed on a computer graphics terminal (Appendix C). Weights were assigned for first-arrival times as follows:

- 0 - Excellent
- 1 - Good
- 2 - Fair
- 3 - Weak or Noisy
- 4 - Poor or highly emergent

REFERENCE

Healy, J. H., Mooney, W. D., Blank, H. R., Gettings, M. E., Kohler, W. M., Lamson, R. J., and Leone, L. E., 1982, Saudi Arabian Seismic Deep-Refraction Profile: Final Project Report. U. S. Geological Survey Open-File Report 02-37, 432 pp.



COMP = TAPE SPEED TONE GENERATOR
 FSK = FREQUENCY SHIFT KEYING
 TCG = TIME CODE GENERATOR
 VCO = VOLTAGE-CONTROLLED OSCILLATOR

Figure 1 .--Schematic diagram of a recording unit.

CASSETTE RECORDER RESPONSE

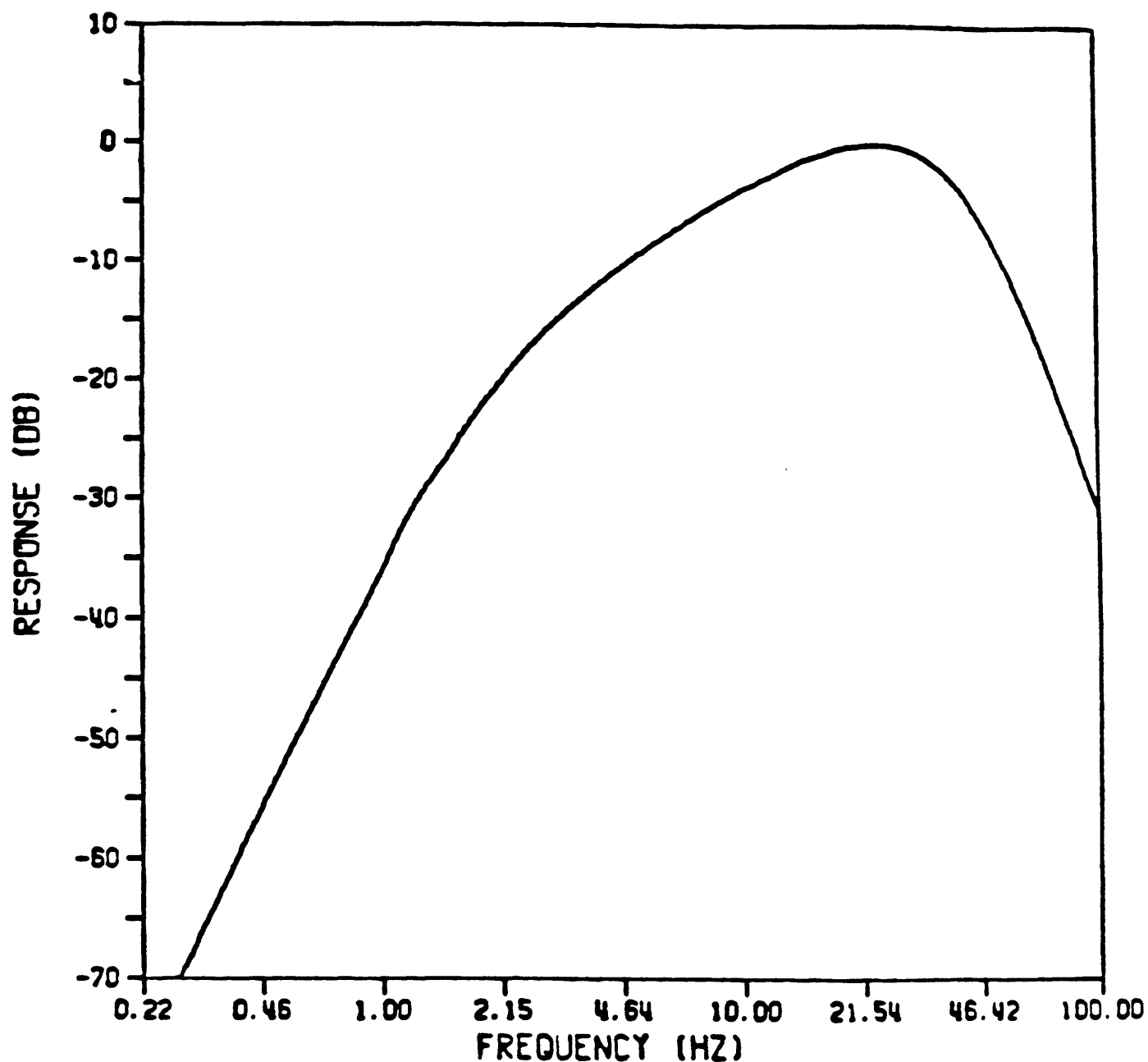


Figure 2 .--System Response Curve for Seismic Recording Units.

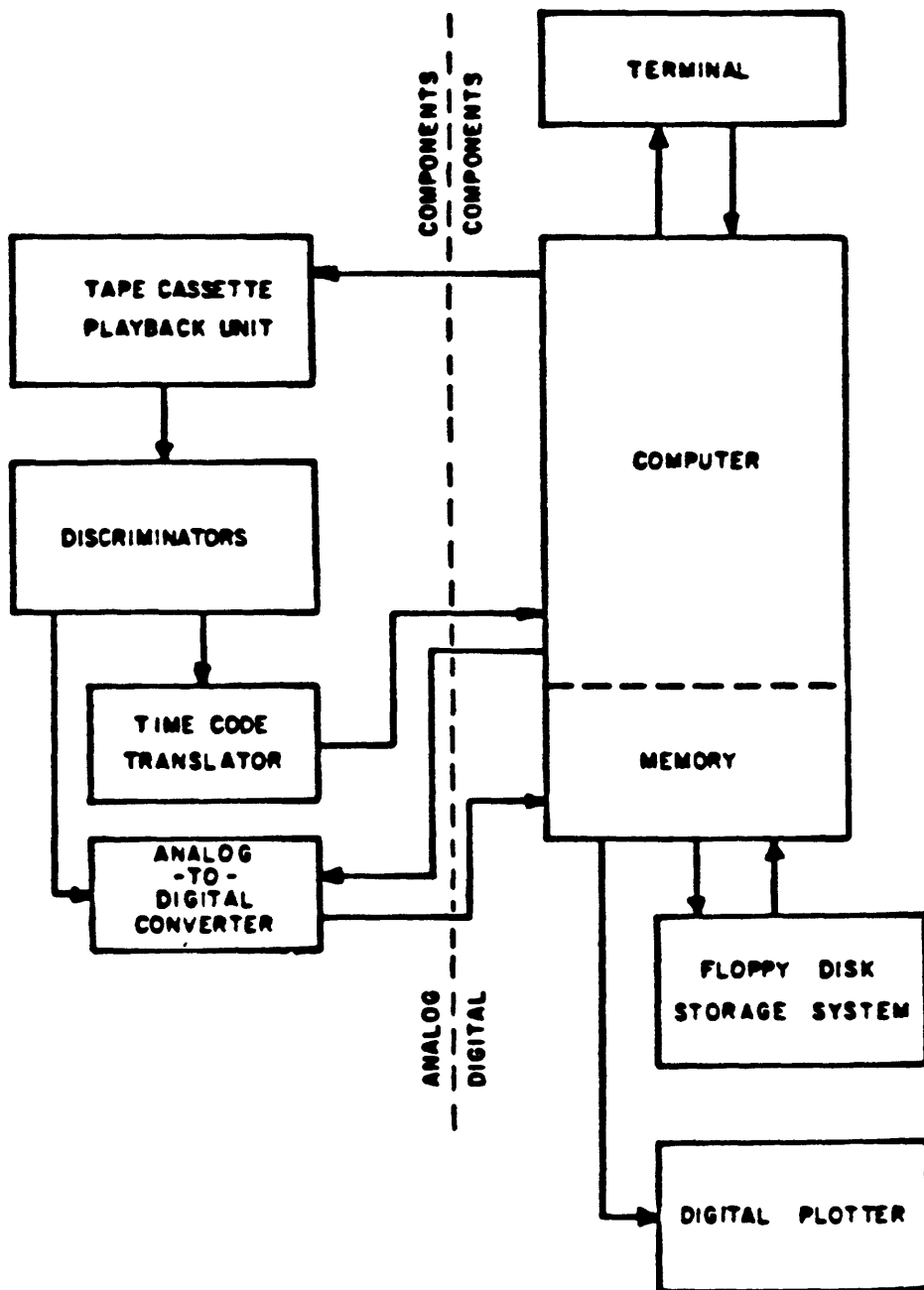


Figure 3 .--Schematic diagram of seismic data processing system showing control and data lines.

APPENDIX A

SEISMOGRAPH LOCATIONS

Location Number of each recorder site on the map corresponds to the Location Number above each seismogram on the record sections (Plates 2-11). Latitudes (North), longitudes (East), and elevations (meters) are listed for each seismograph location number.

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
1	36 48 14.3	116 51 20.1	1024
2	36 48 38.2	116 46 42.7	909
3	36 47 52.1	116 42 28.4	749
4	36 48 38.6	116 36 15.4	973
5	36 48 3.1	116 31 50.0	1030
6	36 39 37.2	116 23 52.3	798
7	36 35 0.1	116 25 25.8	755
8	36 30 30.3	116 26 34.1	701
9	36 26 23.3	116 25 25.6	670
10	37 3 0.1	116 18 26.6	1420
11	36 55 29.0	116 22 32.0	1182
12	36 51 44.5	116 23 24.1	1078
13	36 47 8.5	116 23 31.5	978
14	36 43 23.9	116 23 21.5	894
15	36 48 5.9	116 25 46.1	1072
16	36 48 8.9	116 20 53.8	1024
17	36 47 52.6	116 13 23.0	1171
18	36 48 29.5	116 5 34.1	1182
19	36 55 19.5	116 33 37.4	1284
20	36 35 53.4	116 34 37.8	731
21	36 34 59.3	116 30 19.6	736
22	36 34 14.8	116 21 3.9	771
23	36 33 49.4	116 16 22.4	774
24	36 33 14.6	116 12 9.4	762
25	36 33 42.1	116 7 27.7	850
26	36 35 32.0	115 56 25.3	1110
27	36 34 14.8	115 47 38.4	1018
29	36 35 26.7	116 39 35.9	870
41	36 59 37.8	116 35 24.9	1284
86	36 48 2.5	116 17 34.8	1072
87	36 48 58.9	116 18 6.8	1100
88	36 49 56.0	116 18 34.8	1158
89	36 50 37.9	116 18 48.6	1246
101	36 48 38.4	116 46 44.5	909
102	36 48 36.1	116 46 31.4	908
103	36 48 36.0	116 46 15.0	908
104	36 48 33.8	116 45 58.9	908
105	36 48 30.0	116 45 43.4	908
106	36 48 26.8	116 45 27.5	905
107	36 48 25.5	116 45 11.2	902
108	36 48 16.4	116 44 55.9	896
109	36 48 9.8	116 44 42.1	893
110	36 48 3.5	116 44 28.9	890
111	36 47 56.4	116 44 14.8	886
112	36 47 48.9	116 44 0.1	883
113	36 47 42.1	116 43 46.7	880
114	36 47 35.1	116 43 32.9	877
115	36 47 36.7	116 43 18.4	876
116	36 47 44.6	116 43 5.7	872
117	36 47 53.0	116 42 51.8	877

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
118	36 47 57.5	116 42 36.2	877
120	36 47 48.1	116 42 23.1	873
121	36 47 38.7	116 42 12.3	868
123	36 47 18.7	116 41 49.3	865
125	36 47 29.7	116 41 10.2	902
126	36 47 39.0	116 40 56.5	935
127	36 47 48.0	116 40 40.3	963
128	36 47 57.3	116 40 24.6	999
129	36 48 5.8	116 40 8.8	1042
130	36 48 12.9	116 39 53.2	1097
131	36 48 25.6	116 39 43.6	1188
132	36 48 47.9	116 37 13.4	1011
133	36 48 45.3	116 37 0.2	999
134	36 48 42.7	116 36 45.1	981
135	36 48 40.5	116 36 29.5	975
136	36 48 38.6	116 36 14.2	973
137	36 48 32.3	116 35 59.1	972
138	36 48 26.7	116 35 45.1	970
139	36 48 20.0	116 35 30.4	969
140	36 48 15.6	116 35 14.9	967
141	36 48 9.8	116 35 0.5	966
142	36 48 4.8	116 34 45.6	964
143	36 47 59.3	116 34 30.6	963
144	36 47 53.7	116 34 14.8	960
145	36 47 48.2	116 34 1.3	960
146	36 47 42.5	116 33 46.3	963
147	36 47 35.9	116 33 32.0	963
148	36 47 31.0	116 33 15.2	966
149	36 47 33.3	116 33 1.0	969
150	36 47 38.1	116 32 47.4	975
151	36 47 45.0	116 32 32.7	990
152	36 47 52.0	116 32 18.4	1005
153	36 47 58.4	116 32 5.4	1024
154	36 48 1.3	116 31 49.1	1030
155	36 48 6.4	116 31 35.0	1048
156	36 48 12.3	116 31 20.2	1057
157	36 48 20.9	116 31 5.6	1072
158	36 48 27.6	116 30 51.4	1085
159	36 48 37.2	116 30 40.1	1097
160	36 48 46.1	116 30 28.8	1109
161	36 48 54.3	116 30 18.1	1121
162	36 48 57.5	116 30 0.6	1133
163	36 49 6.6	116 29 44.1	1139
164	36 49 13.4	116 29 31.1	1152
165	36 49 20.6	116 29 17.1	1164
166	36 49 26.1	116 28 59.7	1176
167	36 49 36.5	116 28 51.2	1193
168	36 49 45.5	116 28 33.9	1225
169	36 49 42.6	116 28 1.2	1481
170	36 49 29.5	116 27 22.4	1243

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
171	36 49 24.1	116 27 8.6	1213
172	36 49 15.5	116 26 55.4	1173
173	36 48 48.2	116 26 36.2	1121
175	36 48 24.9	116 26 17.3	1103
176	36 48 18.0	116 26 4.4	1091
177	36 48 5.1	116 25 40.8	1066
178	36 48 1.4	116 25 25.3	1051
179	36 47 57.7	116 25 9.6	1036
180	36 47 47.4	116 24 46.1	1011
181	36 48 30.7	116 24 16.1	1005
182	36 48 25.9	116 23 52.6	981
183	36 48 26.7	116 23 44.3	1005
184	36 48 34.1	116 23 21.3	1008
185	36 48 37.4	116 23 5.3	1011
186	36 48 34.5	116 22 50.4	1011
187	36 48 31.4	116 22 34.4	1011
188	36 48 28.1	116 22 19.5	1016
189	36 48 24.8	116 22 4.1	1018
190	36 48 21.1	116 21 48.4	1019
191	36 48 17.7	116 21 32.8	1021
192	36 48 14.4	116 21 17.5	1024
193	36 48 10.7	116 21 1.8	1024
194	36 48 7.7	116 20 46.4	1025
195	36 48 3.9	116 20 30.2	1025
196	36 48 0.9	116 20 14.3	1025
197	36 47 57.5	116 19 59.3	1024
198	36 47 53.9	116 19 44.1	1027
199	36 47 50.6	116 19 28.1	1033
200	36 47 47.1	116 19 11.8	1036
201	36 47 42.0	116 18 59.3	1036
202	36 47 32.8	116 18 45.5	1033
203	36 47 24.6	116 18 32.3	1033
204	36 47 16.4	116 18 19.3	1033
205	36 47 8.5	116 18 6.3	1036
206	36 47 0.4	116 17 53.7	1036
207	36 47 0.2	116 17 38.2	1036
208	36 47 3.1	116 17 22.6	1042
209	36 47 6.4	116 17 6.6	1048
210	36 47 9.0	116 16 49.5	1054
211	36 47 12.3	116 16 33.5	1054
212	36 47 16.3	116 16 17.3	1066
213	36 47 19.9	116 15 59.4	1066
214	36 47 22.5	116 15 47.3	1072
215	36 47 25.3	116 15 33.0	1085
216	36 47 28.2	116 15 18.9	1091
217	36 47 31.6	116 14 58.9	1104
218	36 47 35.1	116 14 43.0	1112
219	36 47 38.4	116 14 27.1	1126
220	36 47 41.8	116 14 11.1	1136
221	36 47 45.2	116 13 55.1	1146

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
222	36 47 48.6	116 13 39.4	1158
223	36 47 51.8	116 13 23.8	1171
224	36 48 30.5	116 5 33.5	1188
281	36 34 8.3	116 25 31.4	748
282	36 34 23.1	116 25 29.6	749
283	36 34 36.6	116 25 28.7	749
284	36 34 47.3	116 25 26.3	752
285	36 34 59.8	116 25 25.6	755
286	36 35 14.8	116 25 23.0	758
287	36 35 27.5	116 25 22.5	762
288	36 35 41.0	116 25 22.6	765
289	36 35 54.2	116 25 23.8	768
290	36 36 7.5	116 25 25.8	738
291	36 36 19.5	116 25 21.5	771
292	36 36 31.7	116 25 14.3	774
293	36 36 43.1	116 25 7.5	777
294	36 36 55.2	116 25 0.6	780
295	36 37 6.4	116 24 53.5	783
296	36 37 18.7	116 24 46.6	786
297	36 37 30.4	116 24 40.0	792
298	36 37 42.6	116 24 31.8	792
299	36 37 54.2	116 24 25.6	798
300	36 38 6.8	116 24 19.3	798
301	36 38 18.3	116 24 12.3	804
302	36 38 30.0	116 24 5.1	808
303	36 38 41.9	116 23 58.3	810
304	36 38 54.8	116 23 56.8	813
305	36 39 4.6	116 23 55.1	1123
306	36 39 17.7	116 23 53.7	821
307	36 39 31.6	116 23 52.1	826
308	36 39 43.7	116 23 50.4	829
309	36 39 57.1	116 23 48.8	835
310	36 40 9.8	116 23 47.3	835
311	36 39 37.0	116 23 51.2	798
312	36 40 25.3	116 24 5.2	841
313	36 40 37.4	116 23 58.7	844
314	36 40 49.8	116 23 52.9	847
315	36 41 2.1	116 23 46.6	853
316	36 41 13.9	116 23 40.0	856
317	36 41 23.0	116 23 35.2	859
318	36 41 35.0	116 23 28.7	862
319	36 41 47.1	116 23 22.6	865
320	36 41 58.3	116 23 16.8	871
321	36 42 11.2	116 23 10.1	874
322	36 42 23.1	116 23 3.8	880
323	36 42 42.3	116 23 23.8	883
324	36 42 55.2	116 23 22.2	888
325	36 43 8.1	116 23 21.1	893
326	36 43 22.6	116 23 19.6	899
327	36 43 30.9	116 23 20.4	902

U.S.G.S. SEISMIC STATION LOCATIONS
NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
328	36 43 44.9	116 23 19.7	906
329	36 43 57.9	116 23 18.5	911
330	36 44 11.0	116 23 17.5	915
331	36 44 24.0	116 23 16.8	920
332	36 44 37.0	116 23 15.8	926
333	36 44 52.0	116 23 16.8	931
334	36 45 2.4	116 23 21.9	938
335	36 45 12.9	116 23 24.4	938
336	36 45 25.5	116 23 24.3	944
337	36 45 38.9	116 23 24.8	944
338	36 45 56.7	116 23 19.8	954
339	36 46 10.1	116 23 20.9	957
340	36 46 23.3	116 23 21.3	963
341	36 46 36.3	116 23 22.1	969
342	36 46 49.2	116 23 22.8	972
343	36 47 2.1	116 23 22.5	975
344	36 47 15.4	116 23 24.8	981
345	36 47 28.5	116 23 26.5	987
346	36 47 41.6	116 23 28.7	990
347	36 47 54.6	116 23 30.1	996
348	36 48 7.5	116 23 31.9	999
349	36 48 20.3	116 23 33.4	1005
350	36 48 37.6	116 23 40.1	1005
351	36 48 49.3	116 23 43.7	1005
352	36 49 6.0	116 23 47.5	1004
353	36 49 16.7	116 23 53.5	1005
354	36 49 31.8	116 23 56.8	1021
355	36 49 46.4	116 23 52.1	1030
356	36 49 59.6	116 23 50.7	1042
357	36 50 14.4	116 23 54.3	1050
358	36 50 30.1	116 24 7.6	1060
359	36 50 43.4	116 24 4.2	1066
360	36 50 53.4	116 23 55.7	1069
361	36 51 4.5	116 23 47.2	1074
362	36 51 16.4	116 23 38.8	1080
363	36 51 28.5	116 23 29.8	1085
364	36 51 43.1	116 23 22.0	1078
365	36 51 48.5	116 23 28.4	1085
366	36 52 1.0	116 23 27.8	1082
367	36 52 14.2	116 23 29.9	1091
368	36 52 26.5	116 23 30.0	1097
369	36 52 41.0	116 23 35.2	1115
370	36 52 53.1	116 23 29.9	1124
371	36 53 4.3	116 23 19.6	1133
372	36 53 15.0	116 23 19.0	1152
373	36 53 22.5	116 23 5.6	1139
374	36 53 31.7	116 23 3.4	1146
375	36 53 48.8	116 22 48.5	1133
376	36 54 2.0	116 22 44.1	1146
377	36 54 11.2	116 22 40.0	1152

U.S.G.S. SEISMIC STATION LOCATIONS
NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
378	36 54 25.9	116 22 33.9	1155
379	36 54 39.0	116 22 30.4	1176
380	36 54 51.1	116 22 31.1	1170
381	36 55 11.9	116 22 29.1	1167
382	36 55 17.6	116 22 30.4	1182
383	36 55 30.8	116 22 32.4	1182
384	36 55 53.3	116 22 33.2	1188
385	36 56 5.1	116 22 34.7	1194
386	36 56 15.3	116 22 25.2	1167
387	36 56 28.7	116 22 32.8	1205
388	36 56 38.8	116 22 30.4	1214
401	36 55 31.9	115 56 25.0	1110
402	36 55 46.7	115 56 52.0	1110
403	36 55 56.2	115 57 24.0	1100
404	36 56 4.4	115 57 54.2	1100
405	36 56 7.0	115 58 39.3	1100
406	36 56 1.4	115 59 12.9	1097
407	36 55 51.0	115 59 46.6	1100
408	36 55 47.1	116 0 29.2	1050
409	36 55 40.7	116 1 2.6	1019
410	36 55 34.2	116 1 39.8	999
411	36 55 23.0	116 2 36.0	950
412	36 55 17.4	116 3 5.5	940
413	36 55 6.4	116 3 34.6	919
414	36 54 36.3	116 4 10.5	910
415	36 54 8.2	116 4 42.9	890
416	36 53 44.8	116 5 18.8	875
417	36 53 41.6	116 5 53.8	865
418	36 53 46.2	116 6 26.0	860
419	36 53 49.0	116 6 54.0	860
420	36 53 41.7	116 7 26.7	850
421	36 53 54.3	116 7 31.1	860
422	36 53 56.5	116 7 47.0	854
423	36 53 58.4	116 8 0.9	850
424	36 54 1.1	116 8 18.7	850
425	36 54 3.2	116 8 35.1	850
426	36 54 5.9	116 8 53.8	846
427	36 54 8.1	116 9 8.1	846
428	36 54 9.2	116 9 24.6	846
429	36 54 12.1	116 9 38.5	840
430	36 54 7.3	116 9 53.9	829
431	36 54 0.2	116 10 11.4	819
432	36 53 52.2	116 10 30.9	809
433	36 53 45.6	116 10 48.4	804
434	36 53 39.3	116 11 3.3	794
435	36 53 31.9	116 11 22.0	784
436	36 53 26.8	116 11 34.6	779
437	36 53 20.1	116 11 51.6	769
438	36 53 13.9	116 12 9.5	765
439	36 53 12.3	116 12 23.7	759

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
440	36 33 10.6	116 12 39.5	754
441	36 33 9.0	116 12 56.8	750
442	36 33 10.2	116 13 11.7	750
443	36 33 11.5	116 13 28.1	744
444	36 33 14.3	116 13 44.7	744
445	36 33 17.7	116 14 1.4	744
446	36 33 25.1	116 14 19.3	744
447	36 33 14.1	116 14 36.0	744
448	36 33 19.3	116 14 55.9	744
449	36 33 29.2	116 15 26.7	758
450	36 33 35.3	116 15 44.5	762
451	36 33 41.3	116 16 2.3	766
452	36 33 48.4	116 16 22.3	774
453	36 33 52.2	116 16 34.7	777
454	36 33 57.9	116 16 49.0	783
455	36 34 1.5	116 17 2.5	783
456	36 34 4.4	116 17 17.8	786
457	36 34 7.0	116 17 34.4	786
458	36 34 9.6	116 17 50.4	795
459	36 34 10.8	116 18 6.8	797
460	36 34 7.9	116 18 23.3	792
461	36 34 9.4	116 18 38.7	801
462	36 34 11.1	116 18 53.7	810
463	36 34 12.2	116 19 8.1	801
464	36 34 12.1	116 19 24.5	789
465	36 34 12.3	116 19 43.3	783
466	36 34 12.8	116 19 59.5	780
467	36 34 13.2	116 20 15.6	780
468	36 34 13.4	116 20 31.9	777
469	36 34 14.1	116 20 47.6	774
470	36 34 14.1	116 21 3.7	771
471	36 34 15.6	116 21 21.2	765
472	36 34 16.1	116 21 38.0	762
473	36 34 16.1	116 21 55.0	758
474	36 34 16.6	116 22 11.0	758
475	36 34 16.9	116 22 27.7	752
476	36 34 16.7	116 22 42.4	750
477	36 34 24.4	116 22 59.4	752
478	36 34 29.4	116 23 16.4	752
479	36 34 33.0	116 23 32.1	755
480	36 34 37.3	116 23 49.2	757
481	36 34 42.3	116 24 6.5	757
482	36 34 46.2	116 24 19.2	757
483	36 34 52.2	116 24 37.7	758
485	36 34 59.6	116 25 23.6	755
486	36 35 0.0	116 25 46.1	754
487	36 35 0.1	116 26 2.5	752
488	36 34 59.8	116 26 19.1	751
489	36 35 0.0	116 26 35.4	749
490	36 34 59.9	116 26 51.5	749

U.S.G.S. SEISMIC STATION LOCATIONS

NEVADA TEST SITE 1985

LOCATION NUMBER	LATITUDE (DEG,MIN,SEC)	LONGITUDE (DEG,MIN,SEC)	ELEV (M)
491	36 35 0.0	116 27 7.8	749
492	36 35 0.1	116 27 23.8	746
493	36 34 60.0	116 27 39.7	746
494	36 34 59.8	116 27 56.0	743
495	36 34 59.4	116 28 11.9	743
496	36 35 0.1	116 28 28.4	742
497	36 34 59.6	116 28 44.4	740
498	36 34 59.9	116 29 0.7	739
499	36 34 59.9	116 29 17.3	737
500	36 34 59.8	116 29 32.8	737
501	36 34 59.8	116 29 49.1	737
502	36 34 58.5	116 30 4.3	737
503	36 34 57.5	116 30 23.1	736
504	36 34 58.0	116 30 36.4	734
505	36 34 58.6	116 30 53.0	734
506	36 34 58.3	116 31 9.1	734
507	36 34 58.3	116 31 25.2	731
508	36 34 58.3	116 31 41.5	731
509	36 34 58.6	116 31 57.9	731
510	36 34 59.0	116 32 12.9	731
511	36 34 58.7	116 32 30.3	729
512	36 34 59.3	116 32 45.9	728
513	36 34 58.7	116 33 1.7	728
514	36 34 59.1	116 33 17.8	728
515	36 35 2.6	116 33 35.1	728
516	36 34 59.1	116 33 51.7	728
517	36 34 58.7	116 34 8.3	728
518	36 34 59.2	116 34 23.9	728
519	36 35 54.3	116 34 38.6	731

APPENDIX B

SHOT LOCATIONS AND TIMES (p 15), TAPE-GRADE CODE (p 16), and DKDAT data files (pp 17-63).

SHOT LOCATIONS AND TIMES

Shots are listed in the order that they were fired (Shot Number). Shotpoint Numbers correspond to numbers plotted on the map (Plate 1). Shot time includes the Julian Day (D), hour, minute, and second (H, M, S) in Greenwich Mean Time (GMT).

TAPE-GRADE CODE

A number is assigned to each cassette tape as it is digitized. These codes appear in the last column of the DKDAT data file.

DKDAT data file

DKDAT data file is organized by team-shots, and listed in the order of shots fired (Shot Number). A team-shot is twenty recordings of each shot accomplished by each of six teams. Header information for each team-shot includes team numbers, shot numbers, shotpoint numbers, and shot times. Information in columns includes station location numbers (LOC), distance from the shots (DIST; in km), azimuths (AZIM; in degrees from North), unit numbers (UNIT), chronometer corrections (CHRON; in milliseconds; these subtracted from chronometer readings during digitization), channel digitized and gain settings of the three channels (C1, C2, C3), and tape grade codes.

SHOT LOCATIONS AND TIMES

NEVADA TEST SITE 1985

<u>SHOT NO.</u>	<u>DATE</u>	<u>SHOT POINT</u>	<u>LATITUDE (East)</u>	<u>LONGITUDE (North)</u>	<u>SHOT TIME DAY HR MN SEC</u>	<u>SIZE (kg)</u>
1.	Feb 8, 1985	18	36 48.4922	116 5.5684	040 03 31 0.012	1855
2.	Feb 8, 1985	15	36 48.0979	116 25.7690	040 03 33 0.009	927
3.	Feb 8, 1985	2	36 48.6375	116 46.7119	040 03 35 0.013	927
4.	Feb 8, 1985	5*	36 48.0510	116 31.8330	040 03 37 0.010	927
5.	Feb 8, 1985	19*	36 55.3250	116 33.6230	040 03 39 0.008	1360
6.	Feb 8, 1985	17	36 47.8770	116 13.3838	040 05 31 0.951	927
7.	Feb 8, 1985	16	36 48.1487	116 20.8970	040 05 33 0.007	927
8.	Feb 8, 1985	1	36 48.2380	116 51.3350	040 05 35 0.016	1855
9.	Feb 8, 1985	3	36 47.8677	116 42.4741	040 05 37 0.008	927
10.	Feb 8, 1985	4	36 48.6426	116 36.2568	040 05 39 0.010	927
11.	Feb 12, 1985	20	36 35.8894	116 34.6299	044 03 31 0.008	927
12.	Feb 12, 1985	7	36 35.0015	116 25.4292	044 03 33 0.011	927
13.	Feb 12, 1985	23	36 33.8230	116 16.3726	044 03 35 0.006	927
14.	Feb 12, 1985	25	36 33.7009	116 7.4619	044 03 37 0.010	927
15.	Feb 12, 1985	27	36 34.2468	115 47.6406	044 03 39 0.010	1855
16.	Feb 12, 1985	26	36 35.5330	115 56.4224	044 05 31 0.012	927
17.	Feb 12, 1985	21	36 34.9885	116 30.3267	044 05 33 0.011	927
18.	Feb 12, 1985	22	36 34.2466	116 21.0645	044 05 35 0.006	927
19.	Feb 12, 1985	24	36 33.2427	116 12.1563	044 05 37 0.009	927
20.	Feb 12, 1985	29	36 35.4446	116 39.5977	044 05 39 0.008	1855
21.	Feb 15, 1985	19*	36 55.3250	116 33.6230	047 03 31 0.010	1360
22.	Feb 15, 1985	11	36 55.4839	116 22.5337	047 03 33 0.016	927
23.	Feb 15, 1985	8	36 30.5051	116 26.5684	047 03 35 0.018	927
24.	Feb 15, 1985	9	36 26.3879	116 25.4268	047 03 36 56.68	1890
25.	Feb 15, 1985	10	37 3.0010	116 18.4434	047 03 39 0.084	1855
26.	Feb 15, 1985	5*	36 48.0510	116 31.8330	047 05 31 0.012	927
27.	Feb 15, 1985	12	36 51.7417	116 23.4019	047 05 33 0.005	927
28.	Feb 15, 1985	6	36 39.6199	116 23.8711	047 05 35 0.012	927
29.	Feb 15, 1985	7	36 35.0015	116 25.4292	047 05 37 0.012	927
30.	Feb 15, 1985	14	36 43.3987	116 23.3579	047 07 01 0.006	927
31.	Feb 15, 1985	13	36 47.1411	116 23.5244	047 07 03 0.018	927

* Fan Shot

TAPE GRADE CODE

- 0 - GOOD
- 1 - TAPE DID NOT RUN
- 2 - TAPE RAN BUT NO SIGNAL
- 3 - TAPE SKIPPED RECORD TIME
- 4 - TAPE RAN FAST FORWARD; NO SIGNAL
- 5 - TAPE REWOUND AND ERASED
- 6 - WEAK SIGNAL; CANNOT READ TIME CODE; LOW RECORD LEVEL
- 7 - NOISE, CONTINUOUS CALIBRATION OR PERIODIC OFFSETS
- 8 - NOISE, SINUSOIDAL
- 9 - NOISE, SPIKE
- 10 - NOISE, WWVB CROSS-FEED
- 11 - NOISE, PERIODIC TICKS
- 12 - NOISE, RANDOM
- 13 - BAD CLOCK
- 14 - OFF FREQUENCY, TAPE SPEED PROBLEM?
- 16 - INCOMPLETE RECORD; RECORDER STOPPED
- 17 - NOISY OR WEAK TIME CODE
- 19 - TURNED ON TOO EARLY
- 20 - IN FOR REPAIR; NOT DEPLOYED
- 21 - GEOPHONE DISCONNECTED OR SHORTED (?)
- 22 - WRONG UNIT NUMBER
- 23 - WRONG GAIN SETTINGS
- 24 - TURNED ON TOO LATE
- 25 - BAD GEOPHONE TEST
- 26 - ONE OR MORE CHANNELS MISSING
- 27 - NOISY OR WEAK WWVB
- 28 - INSTRUMENT OR TAPE DAMAGED IN FIELD
- 29 - WRONG TIME DURING TURN-ON
- 30 - DIGITIZED WITHOUT CALIBRATION
- 31 - AMPLIFIER OUT OF BALANCE
- 32 - LOCATION NOT ON MAP; WRONG LOCATION

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 1
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	26.454	270.3	1	8	2	30	12 68	0
2	183	27.024	269.8	2	2	2	30	12 68	0
3	182	27.229	269.8	3	6	2	30	12 88	0
4	181	27.813	270.1	4	-17	2	30	12 88	0
5	180	28.588	267.4	5	7	2	30	12 88	0
6	179	29.157	268.1	6	1	2	30	12 88	0
7	178	29.542	268.3	7	3	2	30	12 88	0
8	177	29.921	268.6	8	5	3	30	12 88	13
9	176	30.500	269.3	9	15	3	30	12 88	6
10	175	30.816	269.7	10	-4	2	30	12 88	0
11	173	31.289	271.1	11	-22	2	30	12 68	0
12	172	31.789	272.6	12	7	2	30	12 68	0
13	171	32.129	273.0	13	0	3	30	12 48	1
14	170	32.480	273.3	14	7	2	30	12 48	0
15	169	33.464	273.9	15	-58	2	30	12 48	0
16	168	34.277	273.9	16	-7	1	30	12 48	0
17	1	68.071	269.6	17	14	2	30	12 48	0
18	165	35.303	272.6	18	-17	2	30	12 48	0
19	166	34.882	272.9	19	17	2	30	12 48	0
20	167	34.689	273.4	20	-8	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 3
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	19.104	263.2	41	-26	3	30	12 48	0
2	203	19.395	264.1	42	13	3	30	12 68	0
3	202	19.696	264.9	43	9	1	30	12 68	0
4	201	20.015	265.8	44	16	1	30	12 68	0
5	200	20.313	266.3	45	0	1	30	12 68	0
6	199	20.710	266.7	46	21	1	30	12 68	0
7	198	21.099	267.0	47	5	2	30	12 88	0
8	197	21.469	267.4	48	7	2	30	12 88	0
9	196	21.837	267.7	49	15	1	30	12 88	0
10	195	22.228	268.0	50	-26	1	30	12 88	0
11	194	22.625	268.3	51	17	1	30	12 88	0
12	193	23.003	268.6	52	-7	2	30	12 88	0
13	192	23.389	268.9	53	11	1	30	12 88	13
14	191	23.768	269.1	54	-4	2	30	12 88	0
15	190	24.152	269.4	55	3	2	30	12 88	0
16	189	24.540	269.7	56	24	2	30	12 88	0
17	188	24.920	269.9	57	18	1	30	12 68	0
18	187	25.291	270.1	58	17	1	30	12 68	0
19	186	25.689	270.3	59	0	2	30	12 68	0
20	185	26.057	270.5	60	-5	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 2
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	0.035	25.6	21	-30	3	30	12 88	0
2	223	11.701	264.3	22	11	1	30	12 88	0
3	222	12.096	264.0	23	32	2	30	12 88	0
4	221	12.493	263.7	24	0	1	30	12 88	0
5	220	12.899	263.5	25	12	1	30	12 88	0
6	219	13.307	263.2	26	0	1	30	12 88	0
7	218	13.710	263.0	27	2	1	30	12 68	0
8	217	14.114	262.7	28	-78	1	30	12 68	0
9	216	14.619	262.6	29	14	2	30	12 68	0
10	215	14.977	262.4	30	6	1	30	12 68	0
11	214	15.340	262.3	31	6	3	30	12 68	1
12	213	15.648	262.1	32	-12	1	30	12 48	0
13	212	16.105	261.9	33	35	1	30	12 48	0
14	211	16.518	261.7	34	14	1	30	12 48	0
15	210	16.927	261.6	35	-6	1	30	12 48	0
16	209	17.358	261.5	36	5	1	30	12 48	0
17	208	17.765	261.4	37	5	1	30	12 48	0
18	207	18.161	261.3	38	2	1	30	12 48	0
19	206	18.541	261.5	39	-2	1	30	12 48	0
20	205	18.815	262.4	40	7	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 4
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	61.235	270.3	61	12	2	30	12 88	0
2	102	60.912	270.2	62	-2	2	30	12 88	0
3	103	60.505	270.2	63	11	2	30	12 88	0
4	104	60.106	270.1	64	25	2	30	12 88	0
5	105	59.721	270.0	65	-2	2	30	12 88	0
6	106	59.327	269.9	66	9	2	30	12 68	0
7	107	58.923	269.9	67	3	2	30	12 68	0
8	108	58.546	269.6	68	0	2	30	12 68	0
9	109	58.208	269.4	69	0	2	30	12 68	0
10	110	57.882	269.2	70	42	3	30	12 68	0
11	111	57.537	269.0	71	19	2	30	12 48	0
12	112	57.179	268.7	72	20	2	30	12 48	0
13	113	56.852	268.5	73	-27	2	30	12 48	7
14	114	56.516	268.3	74	1	2	30	12 48	0
15	116	55.835	268.6	75	17	1	30	12 48	6
16	117	55.483	268.8	76	-4	1	30	12 48	0
17	135	45.992	270.4	77	8	2	30	12 48	0
18	134	46.379	270.5	78	-3	2	30	12 48	0
19	133	46.755	270.6	79	8	2	30	12 48	0
20	132	47.082	270.7	80	15	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 5
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	145	42.341	268.3	81	-35	2	30	12 68	0	0
2	146	41.975	268.0	82	-6	2	30	12 68	1	1
3	147	41.628	267.7	83	25	2	30	12 68	0	0
4	148	41.219	267.5	84	-9	2	30	12 68	0	0
5	149	40.864	267.6	85	24	2	30	12 88	0	0
6	150	40.521	267.8	86	-8	2	30	12 88	0	0
7	151	40.147	268.0	87	15	2	30	12 88	0	0
8	152	39.787	268.3	88	21	2	30	12 88	0	0
9	153	39.459	268.6	89	-7	2	30	12 88	0	0
10	154	39.053	268.7	90	13	2	30	12 88	0	0
11	155	38.701	268.9	91	11	2	30	12 88	0	0
12	156	38.329	269.2	92	0	2	30	12 88	0	0
13	157	37.964	269.6	93	11	2	30	12 88	0	0
14	158	37.611	269.9	94	24	2	30	12 88	28	28
15	159	37.330	270.4	95	-4	2	30	12 88	0	0
16	160	37.053	270.8	96	-6	2	30	12 68	0	0
17	161	36.792	271.2	97	1	1	30	12 68	0	0
18	162	36.358	271.4	98	-24	2	30	12 68	0	0
19	163	35.956	271.8	99	21	2	30	12 68	0	0
20	164	35.644	272.2	100	13	2	30	12 68	6	6

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 1
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	184	3.693	76.4	1	8	3	30	12 68	0	0
2	183	3.087	78.0	2	2	3	30	12 68	0	0
3	182	2.882	77.6	3	6	1	30	12 88	0	0
4	181	2.359	71.0	4	-17	1	30	12 88	0	0
5	180	1.592	110.9	5	7	2	30	12 88	0	0
6	179	0.939	105.6	6	1	1	30	12 88	0	0
7	178	0.534	105.1	7	4	3	30	12 88	0	0
8	177	0.136	100.6	8	5	3	30	12 88	13	13
9	176	0.587	309.4	9	15	3	30	12 88	0	0
10	175	0.969	307.2	10	-4	2	30	12 88	0	0
11	173	1.800	316.4	11	-22	3	30	12 68	0	0
12	172	2.749	321.3	12	7	3	30	12 68	0	0
13	171	3.162	319.7	13	0	3	30	12 48	1	1
14	170	3.513	317.2	14	7	2	30	12 48	0	0
15	169	4.484	311.7	15	-58	3	30	12 48	0	0
16	168	5.170	306.5	16	-7	3	30	12 48	0	0
17	1	38.028	270.4	17	14	2	30	12 48	0	0
18	165	5.713	293.8	18	-17	3	30	12 48	0	0
19	166	5.398	297.3	19	17	1	30	12 48	0	0
20	167	5.371	301.3	20	-8	3	30	12 48	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 1 SHOT POINT 18 TEAM 6
SHOT TIME: 40: 3:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	118	55.092	269.0	101	20	2	30	12 88	0	0
2	120	54.776	268.7	102	15	2	30	12 88	0	0
3	121	54.515	268.4	103	0	2	30	12 88	6	6
4	123	53.970	267.7	104	-4	2	30	12 88	0	0
5	125	52.988	268.0	105	33	2	30	12 88	0	0
6	126	52.638	268.3	106	0	2	30	12 88	0	0
7	127	52.227	268.6	107	44	2	30	12 68	0	0
8	128	51.832	268.9	108	4	2	30	12 68	0	0
9	129	51.435	269.2	109	6	2	30	12 68	0	0
10	130	51.044	269.4	110	22	1	30	12 68	0	0
11	131	50.804	269.9	111	62	2	30	12 68	0	0
12	136	45.613	270.4	112	61	2	30	12 88	1	1
13	137	45.239	270.1	113	-14	2	30	12 88	0	0
14	138	44.893	269.9	114	3	2	30	12 88	0	0
15	139	44.528	269.6	115	9	2	30	12 88	0	0
16	140	44.146	269.4	116	17	2	30	12 88	0	0
17	141	43.790	269.2	117	-10	2	30	12 88	0	0
18	142	43.423	269.0	118	16	2	30	12 68	0	0
19	143	43.057	268.8	119	5	2	30	12 68	0	0
20	144	42.670	268.5	120	2	2	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 2
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	224	30.069	88.6	21	-30	2	30	12 88	0	0
2	223	18.408	91.3	22	11	1	30	12 88	0	0
3	222	18.024	91.7	23	32	2	30	12 88	0	0
4	221	17.640	92.1	24	0	1	30	12 88	0	0
5	220	17.248	92.5	25	12	1	30	12 88	0	0
6	219	16.855	92.9	26	0	1	30	12 88	0	0
7	218	16.467	93.3	27	2	1	30	12 68	0	0
8	217	16.081	93.8	28	-78	1	30	12 68	0	0
9	216	15.594	94.3	29	14	1	30	12 68	0	0
10	215	15.253	94.7	30	6	1	30	12 68	0	0
11	214	14.907	95.1	31	6	1	30	12 68	1	1
12	213	14.616	95.6	32	-12	1	30	12 48	0	0
13	212	14.185	96.2	33	35	1	30	12 48	0	0
14	211	13.801	96.9	34	14	1	30	12 48	0	0
15	210	13.420	97.5	35	-6	1	30	12 48	0	0
16	209	13.011	98.1	36	5	1	30	12 48	0	0
17	208	12.633	98.8	37	5	1	30	12 48	0	0
18	207	12.266	99.5	38	2	1	30	12 48	0	0
19	206	11.885	99.8	39	-2	1	30	12 48	0	0
20	205	11.536	98.8	40	7	1	30	12 48	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 3
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	204	11.182	97.8	41	-26	3	30	12 48	0	0
2	203	10.831	96.7	42	13	1	30	12 68	0	0
3	202	10.479	95.6	43	9	1	30	12 68	0	0
4	201	10.112	94.2	44	16	1	30	12 68	0	0
5	200	9.792	93.4	45	0	1	30	12 68	0	0
6	199	9.383	92.9	46	21	1	30	12 68	0	0
7	198	8.983	92.4	47	5	1	30	12 88	0	0
8	197	8.603	91.7	48	7	2	30	12 88	0	0
9	196	8.227	91.1	49	15	1	30	12 88	0	0
10	195	7.832	90.4	50	-26	1	30	12 88	0	0
11	194	7.430	89.6	51	17	1	30	12 88	0	0
12	193	7.051	88.8	52	-7	3	30	12 88	0	0
13	192	6.665	87.8	53	11	1	30	12 88	0	0
14	191	6.290	86.7	54	-4	1	30	12 88	0	0
15	190	5.912	85.4	55	3	1	30	12 88	0	0
16	189	5.536	84.0	56	24	2	30	12 88	0	0
17	188	5.169	82.4	57	18	3	30	12 68	0	0
18	187	4.817	80.6	58	17	1	30	12 68	0	0
19	186	4.443	78.6	59	0	3	30	12 68	0	0
20	185	4.104	76.3	60	-5	3	30	12 68	0	0

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 5
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	145	12.289	267.5	81	-35	1	30	12 68	0	0
2	146	11.926	266.5	82	-6		30	12 68	1	1
3	147	11.586	265.4	83	25	1	30	12 68	0	0
4	148	11.186	264.5	84	-9	1	30	12 68	0	0
5	149	10.828	264.7	85	24	1	30	12 88	0	0
6	150	10.479	265.3	86	-8	1	30	12 88	0	0
7	151	10.099	266.3	87	15	1	30	12 88	0	0
8	152	9.735	267.5	88	21	1	30	12 88	0	0
9	153	9.405	268.6	89	-7	1	30	12 88	0	0
10	154	9.000	269.1	90	13	1	30	12 88	0	0
11	155	8.650	270.1	91	11	1	30	12 88	1	1
12	156	8.284	271.4	92	0	1	30	12 88	0	0
13	157	7.933	273.4	93	11	1	30	12 88	0	0
14	158	7.597	275.1	94	24		30	12 88	28	28
15	159	7.350	277.6	95	-4	1	30	12 88	0	0
16	160	7.116	280.0	96	-6	1	30	12 68	0	0
17	161	6.906	282.5	97	1	1	30	12 68	0	0
18	162	6.504	284.2	98	-24	1	30	12 68	0	0
19	163	6.187	287.6	99	21	1	30	12 68	0	0
20	164	5.953	290.5	100	13	1	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 4
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	101	31.209	271.8	61	12	2	30	12 88	0	0
2	102	30.884	271.7	62	-2	2	30	12 88	0	0
3	103	30.477	271.7	63	11	2	30	12 88	0	0
4	104	30.076	271.6	64	25	2	30	12 88	0	0
5	105	29.688	271.4	65	-2	2	30	12 88	0	0
6	106	29.292	271.3	66	9	2	30	12 68	0	0
7	107	28.887	271.2	67	3	2	30	12 68	0	0
8	108	28.503	270.7	68	0	2	30	12 68	0	0
9	109	28.161	270.2	69	0	2	30	12 68	0	0
10	110	27.833	269.8	70	42	2	30	12 68	0	0
11	111	27.485	269.4	71	19	2	30	12 48	0	0
12	112	27.126	268.9	72	20	2	30	12 48	0	0
13	113	26.799	268.4	73	-27	3	30	12 48	0	0
14	114	26.463	267.9	74	1	2	30	12 48	0	0
15	116	25.781	268.5	75	17	2	30	12 48	0	0
16	117	25.431	269.1	76	-4	1	30	12 48	0	0
17	135	15.984	273.8	77	8	2	30	12 48	0	0
18	134	16.375	274.0	78	-3	1	30	12 48	0	0
19	133	16.755	274.2	79	8	1	30	12 48	0	0
20	132	17.086	274.3	80	15	1	30	12 48	0	0

NEVADA TEST SITE 1985
SHOT NUMBER 2 SHOT POINT 15 TEAM 6
SHOT TIME: 40: 3:33: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	118	25.041	269.4	101	21	2	30	12 88	0	0
2	120	24.722	268.7	102	15	1	30	12 88	0	0
3	121	24.462	268.0	103	0		30	12 88	6	6
4	123	23.924	266.5	104	-4	2	30	12 88	0	0
5	125	22.937	267.2	105	33	2	30	12 88	0	0
6	126	22.585	267.9	106	0	1	30	12 88	0	0
7	127	22.174	268.6	107	44	1	30	12 68	0	0
8	128	21.780	269.3	108	4	1	30	12 68	0	0
9	129	21.386	270.0	109	6	2	30	12 68	0	0
10	130	20.999	270.6	110	22	1	30	12 68	0	0
11	131	20.770	271.7	111	62	2	30	12 68	0	0
12	136	15.602	273.7	112	61		30	12 88	1	1
13	137	15.218	273.1	113	-14	1	30	12 88	0	0
14	138	14.863	272.5	114	3	1	30	12 88	0	0
15	139	14.491	271.7	115	9	2	30	12 88	0	0
16	140	14.103	271.2	116	17	1	30	12 88	0	0
17	141	13.743	270.5	117	-10	1	30	12 88	0	0
18	142	13.373	269.9	118	16	1	30	12 68	0	0
19	143	13.004	269.1	119	5	1	30	12 68	0	0
20	144	12.617	268.3	120	2	1	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 1
SHOT TIME: 40: 3:35; 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	34.737	90.2	1	8	2	30	12 68	0
2	183	34.169	90.6	2	2	2	30	12 68	0
3	182	33.965	90.6	3	6	2	30	12 88	0
4	181	33.379	90.4	4	-17	2	30	12 88	0
5	180	32.675	92.7	5	7	2	30	12 88	0
6	179	32.079	92.2	6	1	2	30	12 88	0
7	178	31.685	92.1	7	4	2	30	12 88	0
8	177	31.299	91.9	8	5	2	30	12 88	13
9	176	30.702	91.2	9	15	2	30	12 88	0
10	175	30.379	90.8	10	-4	2	30	12 88	0
11	173	29.907	89.4	11	-22	2	30	12 68	0
12	172	29.451	87.8	12	7	2	30	12 68	0
13	171	29.135	87.2	13	0	2	30	12 48	1
14	170	28.801	86.9	14	7	2	30	12 48	0
15	169	27.866	85.9	15	-58	2	30	12 48	0
16	168	27.065	85.6	16	-7	2	30	12 48	0
17	1	6.915	263.9	17	14	3	30	12 48	0
18	165	25.950	87.1	18	-17	1	30	12 48	0
19	166	26.388	86.8	19	17	2	30	12 48	0
20	167	26.617	86.1	20	-8	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 3
SHOT TIME: 40: 3:35; 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	42.304	93.4	41	-26	30	12	48	12
2	203	41.968	93.1	42	13	30	12	68	0
3	202	41.628	92.8	43	9	2	30	12 68	0
4	201	41.271	92.4	44	16	2	30	12 68	0
5	200	40.955	92.2	45	0	2	30	12 68	0
6	199	40.547	92.1	46	22	2	30	12 68	0
7	198	40.148	92.0	47	5	2	30	12 88	0
8	197	39.768	91.8	48	7	2	30	12 88	0
9	196	39.392	91.7	49	15	2	30	12 88	0
10	195	38.995	91.6	50	-26	2	30	12 88	0
11	194	38.590	91.4	51	17	2	30	12 88	0
12	193	38.207	91.3	52	-7	2	30	12 88	0
13	192	37.816	91.1	53	12	2	30	12 88	0
14	191	37.433	91.0	54	-4	2	30	12 88	0
15	190	37.045	90.8	55	3	2	30	12 88	0
16	189	36.655	90.6	56	24	2	30	12 88	0
17	188	36.272	90.5	57	18	2	30	12 68	0
18	187	35.901	90.3	58	17	2	30	12 68	0
19	186	35.502	90.2	59	0	2	30	12 68	0
20	185	35.135	90.0	60	-5	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 2
SHOT TIME: 40: 3:35; 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	61.206	90.2	21	-30	2	30	12 88	0
2	223	49.572	91.7	22	11	2	30	12 88	0
3	222	49.189	91.8	23	32	2	30	12 88	0
4	221	48.805	91.9	24	0	1	30	12 88	0
5	220	48.413	92.1	25	12	2	30	12 88	0
6	219	48.019	92.2	26	0	2	30	12 88	0
7	218	47.630	92.3	27	2	2	30	12 68	0
8	217	47.242	92.5	28	-78	2	30	12 68	3
9	216	46.751	92.6	29	14	2	30	12 68	0
10	215	46.407	92.8	30	6	2	30	12 68	0
11	214	46.057	92.9	31	6	2	30	12 68	21
12	213	45.762	93.0	32	-12	2	30	12 48	0
13	212	45.324	93.2	33	35	2	30	12 48	0
14	211	44.932	93.4	34	14	2	30	12 48	0
15	210	44.541	93.5	35	-6	2	30	12 48	0
16	209	44.124	93.7	36	5	1	30	12 48	0
17	208	43.735	93.8	37	5	3	30	12 48	0
18	207	43.356	94.0	38	2	2	30	12 48	0
19	206	42.971	94.0	39	-2	3	30	12 48	0
20	205	42.642	93.7	40	7	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 4
SHOT TIME: 40: 3:35; 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	0.044	276.6	61	13	3	30	12 88	0
2	102	0.287	103.3	62	-2	3	30	12 88	0
3	103	0.690	95.8	63	11	3	30	12 88	0
4	104	1.095	97.3	64	25	3	30	12 88	0
5	105	1.493	99.9	65	-2	2	30	12 88	0
6	106	1.898	100.7	66	9	3	30	12 68	0
7	107	2.303	99.8	67	3	3	30	12 68	0
8	108	2.733	104.2	68	0	3	30	12 68	0
9	109	3.115	106.3	69	0	3	30	12 68	0
10	110	3.486	107.9	70	42	1	30	12 68	0
11	111	3.888	109.4	71	19	3	30	12 48	0
12	112	4.308	110.7	72	20	3	30	12 48	0
13	113	4.695	111.6	73	-27	3	30	12 48	0
14	114	5.093	112.5	74	1	3	30	12 48	0
15	116	5.627	107.1	75	17	3	30	12 48	0
16	117	5.891	103.7	76	-4	3	30	12 48	0
17	135	15.200	89.7	77	8	2	30	12 48	0
18	134	14.813	89.5	78	-3	2	30	12 48	0
19	133	14.439	89.1	79	8	1	30	12 48	0
20	132	14.114	88.8	80	15	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 5
SHOT TIME: 40: 3:35: 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	18.937	94.7	81	-35	1	30	12 68	0
2	146	19.323	95.1	82	-6		30	12 68	1
3	147	19.697	95.6	83	25	2	30	12 68	0
4	148	20.125	95.9	84	-9	2	30	12 68	0
5	149	20.469	95.6	85	24	2	30	12 88	0
6	150	20.790	95.1	86	-8	2	30	12 88	0
7	151	21.137	94.5	87	15	2	30	12 88	0
8	152	21.473	93.8	88	21	2	30	12 88	0
9	153	21.782	93.2	89	-7	2	30	12 88	0
10	154	22.181	92.9	90	13	2	30	12 88	0
11	155	22.521	92.5	91	11	2	30	12 88	0
12	156	22.882	92.0	92	0	2	30	12 88	0
13	157	23.236	91.3	93	11	2	30	12 88	0
14	158	23.583	90.8	94	24	2	30	12 88	28
15	159	23.862	90.1	95	-4	2	30	12 88	0
16	160	24.141	89.4	96	-6	2	30	12 68	0
17	161	24.410	88.8	97	1	2	30	12 68	0
18	162	24.847	88.6	98	-24	2	30	12 68	0
19	163	25.264	88.0	99	21	2	30	12 68	0
20	164	25.592	87.6	100	13	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 1
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	12.646	85.7	1	8	1	30	12 68	0
2	183	12.062	86.5	2	2	1	30	12 68	0
3	182	11.856	86.6	3	6	1	30	12 88	0
4	181	11.283	85.7	4	-17	1	30	12 88	0
5	180	10.519	92.6	5	7	1	30	12 88	0
6	179	9.927	91.0	6	1	1	30	12 88	0
7	178	9.536	90.3	7	4	1	30	12 88	0
8	177	9.154	89.6	8	5	1	30	12 88	13
9	176	8.579	86.9	9	16	1	30	12 88	0
10	175	8.275	85.3	10	-4	1	30	12 88	0
11	173	7.902	79.9	11	-22	1	30	12 68	0
12	172	7.636	73.0	12	7	1	30	12 68	0
13	171	7.409	70.3	13	0		30	12 48	1
14	170	7.147	68.1	14	7	3	30	12 48	0
15	169	6.447	61.6	15	-58	3	30	12 48	0
16	168	5.797	57.0	16	-7	3	30	12 48	0
17	1	29.009	270.7	17	14	2	30	12 48	0
18	165	4.482	57.8	18	-17	3	30	12 48	0
19	166	4.937	58.8	19	17	1	30	12 48	0
20	167	5.284	57.0	20	-8	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 3 SHOT POINT 2 TEAM 6
SHOT TIME: 40: 3:35: 0.013

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	6.240	101.6	101	21	1	30	12 88	0
2	120	6.619	103.5	102	15	1	30	12 88	0
3	121	6.951	105.3	103	0		30	12 88	6
4	123	7.676	108.6	104	-4	1	30	12 88	0
5	125	8.510	104.4	105	34	1	30	12 88	0
6	126	8.774	102.0	106	0	1	30	12 88	0
7	127	9.117	99.8	107	44	1	30	12 68	0
8	128	9.457	97.7	108	4	1	30	12 68	0
9	129	9.816	95.8	109	6	1	30	12 68	0
10	130	10.182	94.4	110	22	1	30	12 68	0
11	131	10.396	92.2	111	62	1	30	12 68	0
12	136	15.579	90.0	112	61	1	30	12 88	1
13	137	15.954	90.7	113	-14	1	30	12 88	0
14	138	16.303	91.2	114	3	1	30	12 88	0
15	139	16.675	91.9	115	9	2	30	12 88	0
16	140	17.064	92.3	116	17	2	30	12 88	0
17	141	17.430	92.9	117	-10	2	30	12 88	0
18	142	17.807	93.3	118	16	1	30	12 68	0
19	143	18.188	93.8	119	5	1	30	12 68	0
20	144	18.591	94.2	120	2	2	30	12 68	0

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 2
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	39.089	88.8	21	-30	2	30	12 88	0
2	223	27.426	90.7	22	11	2	30	12 88	0
3	222	27.040	90.9	23	32	2	30	12 88	0
4	221	26.555	91.2	24	0	1	30	12 88	0
5	220	26.261	91.4	25	12	2	30	12 88	0
6	219	25.866	91.7	26	0	2	30	12 88	0
7	218	25.476	91.9	27	2	2	30	12 68	0
8	217	25.086	92.2	28	-79	2	30	12 68	3
9	216	24.596	92.5	29	14	2	30	12 68	0
10	215	24.251	92.7	30	6	2	30	12 68	0
11	214	23.901	93.0	31	6		30	12 68	21
12	213	23.606	93.2	32	-12	2	30	12 48	0
13	212	23.168	93.6	33	35	2	30	12 48	0
14	211	22.777	93.9	34	14	1	30	12 48	0
15	210	22.388	94.3	35	-6	2	30	12 48	0
16	209	21.972	94.6	36	5	1	30	12 48	0
17	208	21.585	94.9	37	5	1	30	12 48	0
18	207	21.208	95.2	38	2	2	30	12 48	0
19	206	20.824	95.3	39	-2	2	30	12 48	0
20	205	20.490	94.7	40	7	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 3
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	20.150	94.1	41	-26	1	30	12 48	0
2	203	19.813	93.4	42	13	1	30	12 68	0
3	202	19.472	92.7	43	9	2	30	12 68	0
4	201	19.117	91.9	44	16	1	30	12 68	0
5	200	18.802	91.5	45	0	1	30	12 68	0
6	199	18.396	91.2	46	22	1	30	12 68	0
7	198	17.998	90.9	47	5	2	30	12 88	0
8	197	17.620	90.6	48	7	2	30	12 88	0
9	196	17.246	90.2	49	15	2	30	12 88	0
10	195	16.852	89.9	50	-26	2	30	12 88	0
11	194	16.451	89.5	51	17	1	30	12 88	0
12	193	16.071	89.2	52	-7	1	30	12 88	0
13	192	15.684	88.7	53	12	1	30	12 88	0
14	191	15.306	88.3	54	-4	1	30	12 88	0
15	190	14.924	87.9	55	3	1	30	12 88	0
16	189	14.540	87.4	56	24	1	30	12 88	0
17	188	14.165	86.9	57	18	1	30	12 68	0
18	187	13.800	86.4	58	17	1	30	12 68	0
19	186	13.410	85.9	59	0	1	30	12 68	0
20	185	13.051	85.3	60	-5	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 5
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	3.288	262.0	81	-35	3	30	12 68	0
2	146	2.953	257.6	82	-6		30	12 68	1
3	147	2.664	251.7	83	25	3	30	12 68	0
4	148	2.333	244.9	84	-9	3	30	12 68	0
5	149	1.986	242.4	85	24	1	30	12 88	0
6	150	1.618	241.6	86	-8	3	30	12 88	0
7	151	1.195	242.2	87	15	3	30	12 88	0
8	152	0.782	244.2	88	21	3	30	12 88	0
9	153	0.408	249.4	89	-7	3	30	12 88	0
10	154	0.059	158.4	90	13	3	30	12 88	0
11	155	0.384	74.5	91	11	3	30	12 88	0
12	156	0.792	68.9	92	0	3	30	12 88	0
13	157	1.231	63.4	93	11	3	30	12 88	0
14	158	1.638	62.5	94	24		30	12 88	28
15	159	2.028	58.7	95	-4	1	30	12 88	0
16	160	2.410	56.6	96	-6	3	30	12 68	0
17	161	2.772	55.2	97	1	3	30	12 68	0
18	162	3.190	58.3	98	-24	3	30	12 68	0
19	163	3.686	57.9	99	21	3	30	12 68	0
20	164	4.068	57.8	100	13	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 4
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	22.200	272.8	61	13	2	30	12 88	0
2	102	21.874	272.7	62	-2	1	30	12 88	0
3	103	21.467	272.7	63	11	1	30	12 88	0
4	104	21.065	272.6	64	25	2	30	12 88	0
5	105	20.676	272.3	65	-2	2	30	12 88	0
6	106	20.278	272.1	66	9	1	30	12 68	0
7	107	19.873	272.0	67	3	1	30	12 68	0
8	108	19.486	271.2	68	0	1	30	12 68	0
9	109	19.142	270.6	69	0	2	30	12 68	0
10	110	18.813	270.0	70	42	2	30	12 68	0
11	111	18.464	269.4	71	19	2	30	12 48	0
12	112	18.106	268.6	72	20	2	30	12 48	0
13	113	17.780	267.9	73	-27	3	30	12 48	0
14	114	17.447	267.2	74	1	1	30	12 48	0
15	116	16.762	268.1	75	17	1	30	12 48	0
16	117	16.410	268.9	76	-4	1	30	12 48	0
17	135	7.024	279.5	77	8	1	30	12 48	0
18	134	7.417	279.5	78	-3	3	30	12 48	0
19	133	7.800	279.6	79	8	3	30	12 48	0
20	132	8.136	279.8	80	15	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 4 SHOT POINT 5 TEAM 6
SHOT TIME: 40: 3:37: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	16.020	269.4	101	21	1	30	12 88	0
2	120	15.702	268.3	102	15	1	30	12 88	0
3	121	15.445	267.2	103	0		30	12 88	6
4	123	14.922	264.7	104	-4	1	30	12 88	0
5	125	13.927	265.8	105	34	1	30	12 88	0
6	126	13.569	266.9	106	0	1	30	12 88	0
7	127	13.154	268.0	107	44	1	30	12 68	0
8	128	12.759	269.2	108	4	1	30	12 68	0
9	129	12.366	270.4	109	6	1	30	12 68	0
10	130	11.982	271.5	110	23	1	30	12 68	0
11	131	11.761	273.4	111	63	1	30	12 68	0
12	136	6.641	279.5	112	61		30	12 88	1
13	137	6.241	278.3	113	-14	3	30	12 88	0
14	138	5.875	277.1	114	3	1	30	12 88	0
15	139	5.489	275.4	115	9	3	30	12 88	0
16	140	5.095	274.4	116	17	1	30	12 88	0
17	141	4.727	272.5	117	-10	1	30	12 88	0
18	142	4.353	270.7	118	16	3	30	12 68	0
19	143	3.984	268.3	119	5	3	30	12 68	0
20	144	3.602	265.4	120	2	3	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 1
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	19.725	129.3	1	8	1	30	12 68	0
2	183	19.435	130.9	2	2	2	30	12 68	0
3	182	19.297	131.3	3	6	2	30	12 88	0
4	181	18.762	132.2	4	-17	2	30	12 88	0
5	180	19.167	136.6	5	7	1	30	12 88	0
6	179	18.539	137.3	6	1	1	30	12 88	0
7	178	18.192	137.9	7	4	1	30	12 88	0
8	177	17.853	138.6	8	5	1	30	12 88	13
9	176	17.168	139.2	9	16	1	30	12 88	0
10	175	16.799	139.5	10	-4	1	30	12 88	0
11	173	15.948	139.1	11	-22	1	30	12 68	0
12	172	15.001	138.4	12	7	1	30	12 68	0
13	171	14.585	138.7	13	0	1	30	12 48	1
14	170	14.236	139.3	14	7	1	30	12 48	0
15	169	13.310	141.3	15	-58	1	30	12 48	0
16	168	12.747	143.9	16	-7	1	30	12 48	0
17	1	29.407	243.5	17	14	2	30	12 48	0
18	165	12.804	149.8	18	-17	1	30	12 48	0
19	166	12.883	147.7	19	17	2	30	12 48	0
20	167	12.730	146.2	20	-8	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 3
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	27.185	123.2	41	-26	2	30	12 48	0
2	203	26.777	123.1	42	13	2	30	12 68	0
3	202	26.365	123.1	43	9	2	30	12 68	0
4	201	25.922	123.0	44	16	2	30	12 68	0
5	200	25.577	123.0	45	0	2	30	12 68	0
6	199	25.181	123.3	46	22	2	30	12 68	0
7	198	24.794	123.6	47	5	2	30	12 88	6
8	197	24.420	123.9	48	8	2	30	12 88	0
9	196	24.053	124.2	49	15	2	30	12 88	0
10	195	23.675	124.6	50	-26	2	30	12 88	0
11	194	23.278	124.9	51	17	2	30	12 88	0
12	193	22.914	125.2	52	-7	2	30	12 88	0
13	192	22.532	125.6	53	12	1	30	12 88	0
14	191	22.162	125.9	54	-4	1	30	12 88	0
15	190	21.789	126.3	55	3	2	30	12 88	0
16	189	21.409	126.7	56	24	2	30	12 88	0
17	188	21.043	127.1	57	18	2	30	12 68	0
18	187	20.686	127.5	58	17	2	30	12 68	0
19	186	20.314	127.9	59	0	2	30	12 68	0
20	185	19.970	128.4	60	-5	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 2
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	43.573	106.8	21	-30	2	30	12 88	0
2	223	33.078	114.7	22	11	1	30	12 88	0
3	222	32.769	115.1	23	32	2	30	12 88	0
4	221	32.464	115.6	24	0	2	30	12 88	6
5	220	32.153	116.0	25	12	2	30	12 88	0
6	219	31.843	116.5	26	0	2	30	12 88	0
7	218	31.537	117.0	27	2	2	30	12 68	0
8	217	31.237	117.5	28	-79	2	30	12 68	0
9	216	30.848	118.1	29	14	2	30	12 68	0
10	215	30.583	118.5	30	6	2	30	12 68	0
11	214	30.314	119.0	31	6	2	30	12 68	21
12	213	30.092	119.4	32	-12	2	30	12 48	0
13	212	29.761	120.0	33	35	2	30	12 48	0
14	211	29.478	120.6	34	14	2	30	12 48	0
15	210	29.190	121.2	35	-6	2	30	12 48	0
16	209	28.871	121.8	36	5	1	30	12 48	0
17	208	28.589	122.4	37	5	2	30	12 48	0
18	207	28.312	122.9	38	2	2	30	12 48	0
19	206	27.986	123.3	39	-2	2	30	12 48	0
20	205	27.588	123.3	40	7	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 4
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	23.086	237.6	61	13	2	30	12 88	0
2	102	22.853	237.0	62	-2	2	30	12 88	0
3	103	22.514	236.5	63	11	2	30	12 88	0
4	104	22.221	235.7	64	25	2	30	12 88	0
5	105	21.972	234.9	65	-2	2	30	12 88	0
6	106	21.708	234.1	66	9	2	30	12 68	0
7	107	21.406	233.4	67	3	2	30	12 68	0
8	108	21.272	232.2	68	0	2	30	12 68	0
9	109	21.131	231.2	69	0	2	30	12 68	0
10	110	21.002	230.2	70	42	2	30	12 68	0
11	111	20.877	229.1	71	19	2	30	12 48	0
12	112	20.759	228.0	72	20	2	30	12 48	0
13	113	20.655	226.9	73	-27	3	30	12 48	7
14	114	20.555	225.9	74	1	2	30	12 48	0
15	116	19.870	225.1	75	17	2	30	12 48	0
16	117	19.443	224.9	76	-4	1	30	12 48	0
17	135	13.018	199.1	77	8	1	30	12 48	0
18	134	13.087	200.8	78	-3	1	30	12 48	0
19	133	13.150	202.5	79	8	1	30	12 48	0
20	132	13.206	203.9	80	15	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 5
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	13.923	182.4	81	-35	1	30	12 68	0
2	146	14.090	180.9	82	-6		30	12 68	1
3	147	14.292	179.5	83	25	1	30	12 68	0
4	148	14.453	177.8	84	-9	1	30	12 68	0
5	149	14.401	176.4	85	24	1	30	12 88	0
6	150	14.278	175.0	86	-8	1	30	12 88	0
7	151	14.103	173.5	87	15	1	30	12 88	0
8	152	13.932	171.9	88	21	1	30	12 88	0
9	153	13.787	170.5	89	-8	1	30	12 88	0
10	154	13.772	168.8	90	13	1	30	12 88	0
11	155	13.690	167.2	91	11	1	30	12 88	0
12	156	13.600	165.5	92	0	1	30	12 88	0
13	157	13.439	163.8	93	11	1	30	12 88	0
14	158	13.346	162.1	94	24		30	12 88	28
15	159	13.156	160.5	95	-4	1	30	12 88	0
16	160	12.997	158.9	96	-6	1	30	12 68	0
17	161	12.858	157.4	97	1	1	30	12 68	0
18	162	12.943	155.5	98	-24	1	30	12 68	0
19	163	12.867	153.3	99	21	1	30	12 68	0
20	164	12.828	151.6	100	13	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 5 SHOT POINT 19 TEAM 6
SHOT TIME: 40: 3:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	19.073	224.4	101	21	1	30	12 88	0
2	120	19.058	223.1	102	15	1	30	12 88	0
3	121	19.090	221.9	103			30	12 88	6
4	123	19.188	219.4	104	-4	1	30	12 88	0
5	125	18.319	217.8	105	34	1	30	12 88	0
6	126	17.884	217.5	106	0	1	30	12 88	0
7	127	17.419	217.0	107	44	1	30	12 68	0
8	128	16.958	216.5	108	4	1	30	12 68	0
9	129	16.514	216.0	109	6	1	30	12 68	0
10	130	16.111	215.3	110	23	1	30	12 68	0
11	131	15.656	215.4	111	63	1	30	12 68	0
12	136	12.954	197.4	112	61		30	12 88	1
13	137	13.034	195.6	113	-14	1	30	12 88	0
14	138	13.112	194.0	114	3	1	30	12 88	0
15	139	13.232	192.2	115	9	2	30	12 88	0
16	140	13.288	190.5	116	17	1	30	12 88	0
17	141	13.404	188.8	117	-10	1	30	12 88	0
18	142	13.505	187.2	118	16	2	30	12 68	0
19	143	13.635	185.5	119	5	1	30	12 68	0
20	144	13.774	183.9	120	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 1
SHOT TIME: 40: 5:31; 0.951

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	14.887	274.9	1	10	1	30	12 68	0
2	183	15.438	273.9	2	3	1	30	12 68	0
3	182	15.640	273.8	3	8		30	12 88	1
4	181	16.234	274.2	4	-19	1	30	12 88	0
5	180	16.937	269.5	5	9	1	30	12 88	0
6	179	17.518	270.5	6	1	1	30	12 88	0
7	178	17.909	270.9	7	5	1	30	12 88	0
8	177	18.293	271.2	8	7		30	12 88	13
9	176	18.892	272.4	9	18	2	30	12 88	0
10	175	19.220	273.0	10	-3	2	30	12 88	0
11	173	19.737	275.0	11	-24	2	30	12 68	0
12	172	20.299	277.2	12	8		30	12 68	1
13	171	20.658	277.8	13	1		30	12 48	1
14	170	21.020	278.2	14	9	2	30	12 48	0
15	169	22.030	278.9	15	-66	1	30	12 48	0
16	168	22.844	278.8	16	-7	2	30	12 48	0
17	1	56.454	270.7	17	16	2	30	12 48	0
18	165	23.803	276.5	18	-19	2	30	12 48	0
19	166	23.396	277.1	19	20	2	30	12 48	0
20	167	23.229	277.9	20	-8		30	12 48	13

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 2
SHOT TIME: 40: 5:31; 0.951

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	11.697	84.3	21	-33	1	30	12 88	0
2	223	0.031	219.8	22	12	3	30	12 88	0
3	222	0.425	253.1	23	35	3	30	12 88	0
4	221	0.827	254.0	24	0	3	30	12 88	0
5	220	1.237	254.4	25	13		30	12 88	3
6	219	1.648	254.6	26	0	1	30	12 88	0
7	218	2.055	254.8	27	2	2	30	12 68	0
8	217	2.463	254.8	28	-84	3	30	12 68	0
9	216	2.969	255.3	29	15	2	30	12 68	0
10	215	3.329	255.4	30	6	3	30	12 68	3
11	214	3.695	255.5	31	6		30	12 68	21
12	213	4.005	255.4	32	-13		30	12 48	1
13	212	4.464	255.5	33	37	3	30	12 48	0
14	211	4.882	255.3	34	15	3	30	12 48	0
15	210	5.293	255.3	35	-7	3	30	12 48	0
16	209	5.723	255.6	36	6	3	30	12 48	3
17	208	6.133	255.6	37	5	3	30	12 48	0
18	207	6.529	255.7	38	2	3	30	12 48	3
19	206	6.902	256.5	39	-2	3	30	12 48	0
20	205	7.155	259.0	40	8	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 3
SHOT TIME: 40: 5:31: 0.951

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	7.430	261.4	41	-28	3	30	12	48	0
2	203	7.716	263.6	42	14	1	30	12	68	0
3	202	8.017	265.6	43	10	1	30	12	68	0
4	201	8.344	267.8	44	17	1	30	12	68	0
5	200	8.649	268.9	45	0	1	30	12	68	0
6	199	9.052	269.6	46	23	1	30	12	68	0
7	198	9.448	270.2	47	5	1	30	12	88	0
8	197	9.825	270.9	48	8	2	30	12	88	0
9	196	10.200	271.4	49	16	1	30	12	88	0
10	195	10.596	271.9	50	-28	1	30	12	88	0
11	194	11.002	272.4	51	18	1	30	12	88	0
12	193	11.387	272.8	52	-8	1	30	12	88	0
13	192	11.781	273.3	53	12	1	30	12	88	0
14	191	12.168	273.6	54	-4	1	30	12	88	0
15	190	12.559	274.0	55	3	1	30	12	88	0
16	189	12.955	274.4	56	26	1	30	12	88	0
17	188	13.343	274.7	57	19	1	30	12	68	0
18	187	13.721	275.0	58	18	1	30	12	68	0
19	186	14.126	275.2	59	0	1	30	12	68	0
20	185	14.499	275.5	60	-5	1	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 5
SHOT TIME: 40: 5:31: 0.951

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	30.700	269.7	81	-37		30	12	68	1
2	146	30.329	269.4	82	-6		30	12	68	1
3	147	29.977	269.0	83	27	2	30	12	68	0
4	148	29.565	268.7	84	-10	2	30	12	68	0
5	149	29.211	268.8	85	26	2	30	12	88	0
6	150	28.871	269.1	86	-8	2	30	12	88	0
7	151	28.502	269.5	87	16	2	30	12	88	0
8	152	28.148	270.0	88	22	2	30	12	88	0
9	153	27.826	270.4	89	-8	2	30	12	88	0
10	154	27.423	270.6	90	14	2	30	12	88	0
11	155	27.076	270.9	91	11	2	30	12	88	0
12	156	26.711	271.3	92	0	2	30	12	88	0
13	157	26.356	271.9	93	12	2	30	12	88	0
14	158	26.012	272.4	94	26		30	12	88	28
15	159	25.745	273.1	95	-4	2	30	12	88	0
16	160	25.482	273.7	96	-6	2	30	12	68	0
17	161	25.235	274.3	97	1	2	30	12	68	0
18	162	24.808	274.6	98	-25	2	30	12	68	0
19	163	24.424	275.4	99	23	2	30	12	68	0
20	164	24.126	275.9	100	13	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 4
SHOT TIME: 40: 5:31: 0.951

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	49.635	271.6	61	13	2	30	12	88	0
2	102	49.311	271.6	62	-2	2	30	12	88	0
3	103	48.904	271.6	63	12	2	30	12	88	0
4	104	48.502	271.5	64	27	2	30	12	88	0
5	105	48.115	271.4	65	-3	2	30	12	88	0
6	106	47.719	271.3	66	10	2	30	12	68	0
7	107	47.314	271.2	67	3	2	30	12	68	0
8	108	46.930	270.9	68	0	2	30	12	68	0
9	109	46.587	270.7	69	0	2	30	12	68	0
10	110	46.258	270.4	70	45	2	30	12	68	0
11	111	45.907	270.1	71	21	2	30	12	48	0
12	112	45.545	269.9	72	21	2	30	12	48	0
13	113	45.213	269.6	73	-29		30	12	48	1
14	114	44.874	269.3	74	1	2	30	12	48	0
15	116	44.198	269.7	75	18	2	30	12	48	0
16	117	43.851	270.0	76	-4	2	30	12	48	0
17	135	34.402	272.5	77	9	2	30	12	48	0
18	134	34.791	272.5	78	-3	2	30	12	48	0
19	133	35.169	272.6	79	8	2	30	12	48	0
20	132	35.499	272.7	80	16	2	30	12	48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 6 SHOT POINT 17 TEAM 6
SHOT TIME: 40: 5:31: 0.951

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	43.463	270.2	101	22	2	30	12	88	0
2	120	43.140	269.8	102	16	2	30	12	88	1
3	121	42.874	269.4	103	0		30	12	88	6
4	123	42.317	268.6	104	-4		30	12	88	1
5	125	41.340	269.0	105	36	2	30	12	88	0
6	126	40.996	269.4	106	0	2	30	12	88	0
7	127	40.591	269.8	107	47	2	30	12	68	0
8	128	40.202	270.2	108	4	2	30	12	68	0
9	129	39.811	270.6	109	7	2	30	12	68	0
10	130	39.426	270.9	110	24	2	30	12	68	0
11	131	39.196	271.5	111	67	2	30	12	68	0
12	136	34.021	272.4	112	66		30	12	88	1
13	137	33.640	272.1	113	-15	2	30	12	88	0
14	138	33.288	271.8	114	3	2	30	12	88	0
15	139	32.917	271.5	115	10	2	30	12	88	0
16	140	32.530	271.2	116	19	2	30	12	88	0
17	141	32.169	270.9	117	-10	2	30	12	88	0
18	142	31.798	270.7	118	17	2	30	12	68	0
19	143	31.426	270.4	119	6	2	30	12	68	0
20	144	31.034	270.1	120	2	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 7 SHOT POINT 16 TEAM 1

SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	184	3.738	282.0	1	10	3	30	12 68	0
2	183	4.262	277.4	2	3	1	30	12 68	0
3	182	4.462	276.8	3	8		30	12 88	1
4	181	5.061	277.6	4	-19	1	30	12 88	0
5	180	5.798	263.4	5	9	2	30	12 88	0
6	179	6.351	266.9	6	1	1	30	12 88	0
7	178	6.735	268.0	7	5	1	30	12 88	0
8	177	7.114	269.0	8	7		30	12 88	13
9	176	7.705	272.1	9	19	1	30	12 88	0
10	175	8.033	273.5	10	-3	1	30	12 88	0
11	173	8.573	278.1	11	-24	1	30	12 68	0
12	172	9.195	282.9	12	8		30	12 68	1
13	171	9.575	284.0	13	1		30	12 48	1
14	170	9.947	284.5	14	9	1	30	12 48	0
15	169	10.581	285.2	15	-66	1	30	12 48	0
16	168	11.786	284.6	16	-7	1	30	12 48	0
17	1	45.273	270.2	17	17	2	30	12 48	0
18	165	12.668	280.0	18	-19	1	30	12 48	0
19	166	12.276	281.2	19	20	2	30	12 48	0
20	167	12.137	282.8	20	-8	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 7 SHOT POINT 16 TEAM 3

SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	204	4.158	112.9	41	-28	3	30	12 48	0
2	203	3.765	111.3	42	14	1	30	12 68	0
3	202	3.371	109.3	43	10	2	30	12 68	0
4	201	2.957	106.3	44	17	1	30	12 68	0
5	200	2.616	104.9	45	0	2	30	12 68	0
6	199	2.198	104.9	46	23	3	30	12 68	0
7	198	1.789	105.0	47	5	1	30	12 88	0
8	197	1.397	104.6	48	8	3	30	12 88	0
9	196	1.010	104.2	49	16	1	30	12 88	0
10	195	0.605	104.8	50	-28	3	30	12 88	0
11	194	0.187	101.4	51	18	3	30	12 88	0
12	193	0.205	285.6	52	-8	3	30	12 88	0
13	192	0.610	285.9	53	12	3	30	12 88	0
14	191	1.005	285.6	54	-4	3	30	12 88	0
15	190	1.404	285.5	55	3	3	30	12 88	0
16	189	1.809	285.7	56	26	2	30	12 88	0
17	188	2.204	285.6	57	19	3	30	12 68	0
18	187	2.588	285.5	58	18	3	30	12 68	0
19	186	2.997	285.2	59	0	3	30	12 68	0
20	185	3.375	285.1	60	-5	3	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 7 SHOT POINT 16 TEAM 2

SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	224	22.823	88.3	21	-33	2	30	12 88	0
2	223	11.168	92.7	22	12	1	30	12 88	0
3	222	10.787	93.3	23	35	2	30	12 88	0
4	221	10.407	94.0	24	0	2	30	12 88	0
5	220	10.020	94.8	25	13		30	12 88	1
6	219	9.633	95.6	26	0	1	30	12 88	0
7	218	9.252	96.5	27	2	1	30	12 68	0
8	217	8.874	97.4	28	-84	1	30	12 68	0
9	216	8.398	98.6	29	15	2	30	12 68	0
10	215	8.067	99.6	30	6		30	12 68	1
11	214	7.733	100.7	31	6		30	12 68	1
12	213	7.455	101.7	32	-13		30	12 48	1
13	212	7.044	103.3	33	37	3	30	12 48	0
14	211	6.686	105.1	34	15	3	30	12 48	0
15	210	6.333	107.0	35	-7	3	30	12 48	0
16	209	5.954	108.9	36	6	3	30	12 48	0
17	208	5.616	111.2	37	5	3	30	12 48	0
18	207	5.293	113.6	38	2	3	30	12 48	0
19	206	4.939	115.3	39	-2	3	30	12 48	0
20	205	4.551	114.2	40	8	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 7 SHOT POINT 16 TEAM 4

SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	101	38.450	271.4	61	13	2	30	12 88	0
2	102	38.125	271.3	62	-2	2	30	12 88	0
3	103	37.718	271.3	63	12	2	30	12 88	0
4	104	37.317	271.2	64	27	2	30	12 88	0
5	105	36.931	271.0	65	-3	2	30	12 88	0
6	106	36.535	270.9	66	10	2	30	12 68	0
7	107	36.130	270.8	67	3	2	30	12 68	0
8	108	35.748	270.4	68	0	2	30	12 68	0
9	109	35.408	270.0	69	0	2	30	12 68	0
10	110	35.080	269.7	70	45	2	30	12 68	0
11	111	34.732	269.4	71	21	2	30	12 48	0
12	112	34.373	269.0	72	21	2	30	12 48	0
13	113	34.045	268.6	73	-29		30	12 48	1
14	114	33.709	268.2	74	1	2	30	12 48	0
15	116	33.028	268.7	75	18	2	30	12 48	0
16	117	32.678	269.1	76	-4	2	30	12 48	0
17	135	23.215	272.4	77	9	2	30	12 48	0
18	134	23.604	272.5	78	-3	2	30	12 48	0
19	133	23.983	272.7	79	8	2	30	12 48	0
20	132	24.313	272.8	80	16	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 7 SHOT POINT 16 TEAM 5
SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	19.534	268.1	81	-37		30	12 68	1
2	146	19.169	267.6	82	-6		30	12 68	1
3	147	18.824	266.9	83	27	2	30	12 68	0
4	148	18.418	266.4	84	-10	2	30	12 68	0
5	149	18.062	266.5	85	26	2	30	12 88	0
6	150	17.716	266.9	86	-8	2	30	12 88	0
7	151	17.341	267.6	87	16	1	30	12 88	0
8	152	16.980	268.2	88	22	2	30	12 88	0
9	153	16.652	268.9	89	-8	2	30	12 88	0
10	154	16.247	269.2	90	14	1	30	12 88	0
11	155	15.897	269.7	91	11	1	30	12 88	0
12	156	15.528	270.4	92	0	1	30	12 88	0
13	157	15.170	271.4	93	12	1	30	12 88	0
14	158	14.825	272.2	94	26		30	12 88	28
15	159	14.559	273.4	95	-4	1	30	12 88	0
16	160	14.299	274.6	96	-6	1	30	12 68	0
17	161	14.058	275.7	97	1	1	30	12 68	0
18	162	13.635	276.3	98	-25	1	30	12 68	0
19	163	13.263	277.7	99	23	1	30	12 68	0
20	164	12.976	278.8	100	14	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 1
SHOT TIME: 40: 5:35: 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	184	41.619	89.2	1	10	2	30	12 68	0
2	183	41.047	89.5	2	3	2	30	12 68	0
3	182	40.842	89.5	3	8		30	12 88	1
4	181	40.259	89.3	4	-19	2	30	12 88	0
5	180	39.524	91.2	5	9	2	30	12 88	0
6	179	38.936	90.8	6	1	2	30	12 88	0
7	178	38.545	90.6	7	5	2	30	12 88	0
8	177	38.161	90.4	8	7		30	12 88	13
9	176	37.573	89.8	9	19	2	30	12 88	0
10	175	37.255	89.5	10	-3	2	30	12 88	0
11	173	36.798	88.4	11	-24	2	30	12 68	0
12	172	36.354	87.0	12	8		30	12 68	1
13	171	36.041	86.6	13	1		30	12 48	1
14	170	35.710	86.3	14	9	2	30	12 48	0
15	169	34.778	85.5	15	-66	2	30	12 48	0
16	168	33.979	85.3	16	-7	2	30	12 48	0
17	1	0.000	180.0	17	17	3	30	12 48	0
18	165	32.858	86.4	18	-19	2	30	12 48	0
19	166	33.297	86.2	19	20	2	30	12 48	0
20	167	33.529	85.7	20	-8	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 7 SHOT POINT 16 TEAM 6
SHOT TIME: 40: 5:33: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	32.288	269.4	101	22	2	30	12 88	0
2	120	31.969	268.8	102	16		30	12 88	1
3	121	31.708	268.3	103	0		30	12 88	6
4	123	31.165	267.2	104	-4	2	30	12 88	0
5	125	30.181	267.7	105	36	2	30	12 88	0
6	126	29.831	268.2	106	0	2	30	12 88	0
7	127	29.421	268.7	107	47	2	30	12 68	0
8	128	29.027	269.3	108	4	2	30	12 68	0
9	129	28.632	269.8	109	7	2	30	12 68	0
10	130	28.245	270.2	110	24	2	30	12 68	0
11	131	28.012	271.0	111	67	2	30	12 68	0
12	136	22.834	272.3	112	66		30	12 88	1
13	137	22.454	271.8	113	-15	2	30	12 88	0
14	138	22.103	271.4	114	3	2	30	12 88	0
15	139	21.733	270.9	115	10	2	30	12 88	0
16	140	21.348	270.6	116	19	2	30	12 88	0
17	141	20.989	270.1	117	-10	2	30	12 88	0
18	142	20.619	269.7	118	17	2	30	12 68	0
19	143	20.251	269.2	119	6	2	30	12 68	0
20	144	19.863	268.6	120	2	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 2
SHOT TIME: 40: 5:35: 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	68.086	89.6	21	-33	2	30	12 88	0
2	223	56.434	90.7	22	12	2	30	12 88	0
3	222	56.049	90.8	23	35	2	30	12 88	0
4	221	55.663	90.9	24	0	2	30	12 88	0
5	220	55.269	91.0	25	13		30	12 88	21
6	219	54.873	91.2	26	0	2	30	12 88	0
7	218	54.482	91.3	27	2	2	30	12 68	0
8	217	54.091	91.4	28	-84		30	12 68	6
9	216	53.599	91.5	29	15	2	30	12 68	0
10	215	53.252	91.6	30	6		30	12 68	1
11	214	52.901	91.7	31	6		30	12 68	1
12	213	52.604	91.8	32	-13		30	12 48	1
13	212	52.163	92.0	33	37	2	30	12 48	0
14	211	51.767	92.1	34	15	2	30	12 48	0
15	210	51.374	92.2	35	-7	2	30	12 48	0
16	209	50.955	92.4	36	6	2	30	12 48	0
17	208	50.563	92.5	37	5	2	30	12 48	0
18	207	50.181	92.6	38	2	2	30	12 48	0
19	206	49.796	92.6	39	-2	2	30	12 48	0
20	205	49.472	92.3	40	8	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 3
SHOT TIME: 40: 5:35; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	204	49.140	92.1	41	-28	2	30	12 48	0
2	203	48.809	91.8	42	14	2	30	12 68	0
3	202	48.475	91.5	43	10	2	30	12 68	0
4	201	48.123	91.2	44	17	2	30	12 68	0
5	200	47.810	91.0	45	0	2	30	12 68	0
6	199	47.405	90.9	46	23	2	30	12 68	0
7	198	47.007	90.8	47	5	2	30	12 88	0
8	197	46.629	90.6	48	8	2	30	12 88	0
9	196	46.255	90.5	49	16	2	30	12 88	0
10	195	45.859	90.4	50	-28	2	30	12 88	0
11	194	45.457	90.3	51	18	2	30	12 88	0
12	193	45.076	90.1	52	-8	2	30	12 88	0
13	192	44.686	90.0	53	12	2	30	12 88	0
14	191	44.305	89.9	54	-4	2	30	12 88	0
15	190	43.920	89.7	55	3	2	30	12 88	0
16	189	43.531	89.6	56	26	2	30	12 88	0
17	188	43.151	89.4	57	19	2	30	12 68	0
18	187	42.781	89.3	58	18	2	30	12 68	0
19	186	42.384	89.2	59	0	2	30	12 68	0
20	185	42.018	89.0	60	-5	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 5
SHOT TIME: 40: 5:35; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	25.764	91.8	81	-37		30	12 68	1
2	146	26.143	92.1	82	-6		30	12 68	1
3	147	26.506	92.6	83	27	2	30	12 68	0
4	148	26.929	92.8	84	-10	2	30	12 68	0
5	149	27.277	92.7	85	26	2	30	12 88	0
6	150	27.607	92.3	86	-8	2	30	12 88	0
7	151	27.965	91.9	87	16	2	30	12 88	0
8	152	28.311	91.4	88	22	2	30	12 88	0
9	153	28.629	91.0	89	-8	2	30	12 88	0
10	154	29.031	90.8	90	14	2	30	12 88	0
11	155	29.378	90.5	91	11	2	30	12 88	0
12	156	29.745	90.1	92	0	2	30	12 88	0
13	157	30.107	89.6	93	12	2	30	12 88	0
14	158	30.460	89.2	94	26		30	12 88	28
15	159	30.746	88.7	95	-4	2	30	12 88	0
16	160	31.032	88.2	96	-6	2	30	12 68	0
17	161	31.306	87.7	97	1	2	30	12 68	0
18	162	31.745	87.6	98	-26	2	30	12 68	0
19	163	32.166	87.1	99	23	2	30	12 68	0
20	164	32.496	86.8	100	14	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 4
SHOT TIME: 40: 5:35; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	101	6.873	83.8	61	13	1	30	12 88	0
2	102	7.186	84.6	62	-2	1	30	12 88	0
3	103	7.592	84.9	63	12	1	30	12 88	0
4	104	7.984	85.7	64	27	1	30	12 88	0
5	105	8.360	86.7	65	-3	1	30	12 88	0
6	106	8.749	87.5	66	10	1	30	12 68	0
7	107	9.152	87.8	67	3	1	30	12 68	0
8	108	9.525	89.6	68	0	1	30	12 68	0
9	109	9.867	90.8	69	0	1	30	12 68	0
10	110	10.199	91.9	70	45	1	30	12 68	0
11	111	10.559	93.0	71	21	1	30	12 48	0
12	112	10.935	94.1	72	21	1	30	12 48	0
13	113	11.284	95.0	73	-29	1	30	12 48	1
14	114	11.646	95.9	74	1	1	30	12 48	0
15	116	12.290	94.3	75	18	2	30	12 48	0
16	117	12.618	93.0	76	-4	1	30	12 48	0
17	135	22.091	87.9	77	9	2	30	12 48	0
18	134	21.707	87.7	78	-3	2	30	12 48	0
19	133	21.335	87.4	79	8	2	30	12 48	0
20	132	21.012	87.2	80	16	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 8 SHOT POINT 1 TEAM 6
SHOT TIME: 40: 5:35; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	12.999	92.3	101	22	1	30	12 88	0
2	120	13.337	93.5	102	16		30	12 88	1
3	121	13.626	94.6	103	0		30	12 88	6
4	123	14.254	96.9	104	-4	2	30	12 88	0
5	125	15.182	95.2	105	36	2	30	12 88	0
6	126	15.497	94.0	106	0	2	30	12 88	0
7	127	15.882	92.9	107	47	2	30	12 68	0
8	128	16.258	91.8	108	4	1	30	12 68	0
9	129	16.643	90.9	109	7	2	30	12 68	0
10	130	17.028	90.1	110	24	1	30	12 68	0
11	131	17.268	88.8	111	67	1	30	12 68	0
12	136	22.468	88.1	112	66		30	12 88	1
13	137	22.836	88.6	113	-15	2	30	12 88	0
14	138	23.179	89.1	114	3	2	30	12 88	0
15	139	23.543	89.6	115	10	2	30	12 88	0
16	140	23.926	89.9	116	19	2	30	12 88	0
17	141	24.285	90.3	117	-10	2	30	12 88	0
18	142	24.656	90.7	118	17	1	30	12 68	0
19	143	25.029	91.1	119	6	2	30	12 68	0
20	144	25.425	91.4	120	2	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 9 SHOT POINT 3 TEAM 1
SHOT TIME: 40: 5:37: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	184	28.466	87.4	1	10	2	30	12	68
2	183	27.887	87.8	2	3	2	30	12	68
3	182	27.682	87.8	3	8		30	12	88
4	181	27.104	87.5	4	-19	2	30	12	88
5	180	26.336	90.3	5	9	2	30	12	88
6	179	25.754	89.6	6	1	2	30	12	88
7	178	25.365	89.4	7	5	2	30	12	88
8	177	24.985	89.1	8	7		30	12	88
9	176	24.407	88.1	9	19	2	30	12	88
10	175	24.096	87.6	10	-3	2	30	12	88
11	173	23.668	85.8	11	-24	2	30	12	68
12	172	23.271	83.7	12	9		30	12	68
13	171	22.976	82.9	13	1		30	12	48
14	170	22.657	82.4	14	9	2	30	12	48
15	169	21.763	81.0	15	-66	2	30	12	48
16	168	20.979	80.4	16	-7	2	30	12	48
17	1	13.198	273.0	17	17	2	30	12	48
18	165	19.806	82.1	18	-19	2	30	12	48
19	166	20.255	81.8	19	20	2	30	12	48
20	167	20.510	81.0	20	-8	2	30	12	48

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 9 SHOT POINT 3 TEAM 3
SHOT TIME: 40: 5:37: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	204	35.945	91.8	41	-28	2	30	12	48
2	203	35.616	91.4	42	14	2	30	12	68
3	202	35.284	91.0	43	10	2	30	12	68
4	201	34.936	90.5	44	17	2	30	12	68
5	200	34.625	90.3	45	0	2	30	12	68
6	199	34.220	90.1	46	23	2	30	12	68
7	198	33.824	89.9	47	5	2	30	12	88
8	197	33.448	89.7	48	8	2	30	12	88
9	196	33.075	89.5	49	16	2	30	12	88
10	195	32.682	89.4	50	-28	2	30	12	88
11	194	32.282	89.1	51	18	2	30	12	88
12	193	31.902	89.0	52	-8	2	30	12	88
13	192	31.516	88.8	53	12	2	30	12	88
14	191	31.137	88.5	54	-4	2	30	12	88
15	190	30.754	88.3	55	3	2	30	12	88
16	189	30.369	88.1	56	26	2	30	12	88
17	188	29.991	87.9	57	19	2	30	12	68
18	187	29.624	87.7	58	18	2	30	12	68
19	186	29.231	87.4	59	0	2	30	12	68
20	185	28.868	87.2	60	-5	2	30	12	68

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 9 SHOT POINT 3 TEAM 2
SHOT TIME: 40: 5:37: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	224	54.920	88.8	21	-33	2	30	12	88
2	223	43.252	90.0	22	12	2	30	12	88
3	222	42.865	90.1	23	35	2	30	12	88
4	221	42.478	90.3	24	0	2	30	12	88
5	220	42.083	90.4	25	13		30	12	88
6	219	41.685	90.6	26	0	2	30	12	88
7	218	41.293	90.7	27	2	2	30	12	68
8	217	40.902	90.9	28	-84		30	12	68
9	216	40.408	91.0	29	15	2	30	12	68
10	215	40.061	91.2	30	6		30	12	68
11	214	39.708	91.3	31	6		30	12	68
12	213	39.411	91.4	32	-13		30	12	48
13	212	38.969	91.6	33	38	2	30	12	48
14	211	38.572	91.8	34	15	2	30	12	48
15	210	38.179	92.0	35	-7	2	30	12	48
16	209	37.758	92.1	36	6	2	30	12	48
17	208	37.366	92.3	37	5	2	30	12	48
18	207	36.984	92.5	38	2	2	30	12	48
19	206	36.598	92.5	39	-2	2	30	12	48
20	205	36.276	92.1	40	8	2	30	12	48

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 9 SHOT POINT 3 TEAM 4
SHOT TIME: 40: 5:37: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	101	6.506	282.7	61	13	1	30	12	88
2	102	6.175	282.7	62	-2	1	30	12	88
3	103	5.778	283.6	63	12	1	30	12	88
4	104	5.373	283.8	64	27	1	30	12	88
5	105	4.972	283.6	65	-3	2	30	12	88
6	106	4.566	283.6	66	10	1	30	12	68
7	107	4.164	284.3	67	3	1	30	12	68
8	108	3.731	281.6	68	0	1	30	12	68
9	109	3.359	279.4	69	0	1	30	12	68
10	110	3.007	276.7	70	45	1	30	12	68
11	111	2.639	272.9	71	21	3	30	12	48
12	112	2.275	267.5	72	21	3	30	12	48
13	113	1.964	261.0	73	-29		30	12	48
14	114	1.681	251.9	74	1	2	30	12	48
15	116	0.953	256.1	75	18	1	30	12	48
16	117	0.580	273.0	76	-4	3	30	12	48
17	135	9.022	80.5	77	9	1	30	12	48
18	134	8.652	79.6	78	-3	1	30	12	48
19	133	8.299	78.6	79	8	1	30	12	48
20	132	7.996	77.6	80	16	1	30	12	48

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 9 SHOT POINT 3 TEAM 5
SHOT TIME: 40: 5:37: 0.008

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	145	12.572	90.5	81	-37		30	12	68	1
2	146	12.948	91.3	82	-6		30	12	68	1
3	147	13.309	92.1	83	27	2	30	12	68	0
4	148	13.731	92.7	84	-10	1	30	12	68	0
5	149	14.080	92.4	85	26	2	30	12	88	0
6	150	14.412	91.7	86	-8	2	30	12	88	0
7	151	14.772	90.8	87	16	1	30	12	88	0
8	152	15.123	90.0	88	22	2	30	12	88	0
9	153	15.447	89.3	89	-8	2	30	12	88	0
10	154	15.852	89.0	90	14	2	30	12	88	0
11	155	16.204	88.4	91	11	2	30	12	88	0
12	156	16.578	87.8	92	0	2	30	12	88	0
13	157	16.951	87.0	93	12	2	30	12	88	0
14	158	17.314	86.4	94	26		30	12	88	28
15	159	17.615	85.5	95	-4	2	30	12	88	0
16	160	17.916	84.7	96	-6	2	30	12	68	0
17	161	18.205	83.9	97	1	2	30	12	68	0
18	162	18.648	83.8	98	-26	2	30	12	68	0
19	163	19.087	83.1	99	23	2	30	12	68	0
20	164	19.430	82.6	100	14	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 1
SHOT TIME: 40: 5:39: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPI GRADE
1	184	19.188	90.4	1	10		30	12	68	16
2	183	18.621	91.1	2	3	2	30	12	68	0
3	182	18.418	91.2	3	8		30	12	88	1
4	181	17.830	90.8	4	-19	2	30	12	88	0
5	180	17.159	95.3	5	9	2	30	12	88	0
6	179	16.552	94.4	6	1	2	30	12	88	0
7	178	16.155	94.1	7	5	2	30	12	88	0
8	177	15.766	93.8	8	7		30	12	88	13
9	176	15.158	92.4	9	19	2	30	12	88	0
10	175	14.832	91.6	10	-3	2	30	12	88	0
11	173	14.360	88.8	11	-24	2	30	12	68	0
12	172	13.927	85.3	12	9		30	12	68	1
13	171	13.625	84.1	13	1		30	12	48	1
14	170	13.303	83.2	14	9	1	30	12	48	0
15	169	12.406	80.8	15	-66	1	30	12	48	0
16	168	11.623	79.8	16	-7	1	30	12	48	0
17	1	22.438	268.1	17	17	2	30	12	48	0
18	165	10.450	82.9	18	-19	1	30	12	48	0
19	166	10.898	82.3	19	20	2	30	12	48	0
20	167	11.153	80.8	20	-8	1	30	12	48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 9 SHOT POINT 3 TEAM 6
SHOT TIME: 40: 5:37: 0.008

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	118	0.254	311.2	101	22	3	30	12	88	0
2	120	0.180	132.7	102	16		30	12	88	1
3	121	0.575	135.7	103	0		30	12	88	6
4	123	1.413	136.7	104	-4	1	30	12	88	0
5	125	2.058	109.6	105	36	1	30	12	88	0
6	126	2.314	100.0	106	0	2	30	12	88	0
7	127	2.684	92.7	107	47	3	30	12	68	0
8	128	3.074	87.0	108	5	1	30	12	68	0
9	129	3.488	83.0	109	7	1	30	12	68	0
10	130	3.902	80.5	110	24	2	30	12	68	0
11	131	4.214	75.8	111	67	1	30	12	68	0
12	136	9.387	81.2	112	66		30	12	88	1
13	137	9.730	82.7	113	-15	1	30	12	88	0
14	138	10.054	83.9	114	3	1	30	12	88	0
15	139	10.399	85.3	115	10	2	30	12	88	0
16	140	10.772	86.1	116	19	2	30	12	88	0
17	141	11.119	87.2	117	-10	1	30	12	88	0
18	142	11.482	88.0	118	17	1	30	12	68	0
19	143	11.848	88.9	119	6	1	30	12	68	0
20	144	12.238	89.8	120	2	1	30	12	68	0

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 2
SHOT TIME: 40: 5:39: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	224	45.657	90.3	21	-33	2	30	12	88	0
2	223	34.031	92.4	22	12	1	30	12	88	0
3	222	33.649	92.6	23	35	2	30	12	88	0
4	221	33.267	92.8	24	0	2	30	12	88	0
5	220	32.877	93.0	25	13	30	12	88	3	3
6	219	32.485	93.3	26	0	2	30	12	88	0
7	218	32.098	93.5	27	2	2	30	12	68	0
8	217	31.713	93.7	28	-84	30	12	68	3	3
9	216	31.225	94.0	29	15	2	30	12	68	0
10	215	30.883	94.2	30	6	30	12	68	1	1
11	214	30.536	94.4	31	6	30	12	68	1	1
12	213	30.244	94.6	32	-13	30	12	48	1	1
13	212	29.810	94.9	33	38	2	30	12	48	0
14	211	29.422	95.2	34	15	2	30	12	48	0
15	210	29.036	95.5	35	-7	2	30	12	48	0
16	209	28.622	95.7	36	6	2	30	12	48	0
17	208	28.237	96.0	37	5	2	30	12	48	0
18	207	27.863	96.2	38	2	2	30	12	48	0
19	206	27.479	96.3	39	-2	2	30	12	48	0
20	205	27.142	95.9	40	8	2	30	12	48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 5
SHOT TIME: 40: 5:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	145	3.667	115.0	81	-37	30	12	68	1	1
2	146	4.080	115.1	82	-6	30	12	68	1	1
3	147	4.488	115.5	83	27	2	30	12	68	0
4	148	4.928	115.0	84	-10	2	30	12	68	0
5	149	5.223	112.7	85	26	1	30	12	88	0
6	150	5.483	109.9	86	-8	1	30	12	88	0
7	151	5.763	106.6	87	16	1	30	12	88	0
8	152	6.047	103.7	88	22	1	30	12	88	0
9	153	6.319	101.3	89	-8	1	30	12	88	0
10	154	6.700	99.9	90	14	1	30	12	88	0
11	155	7.020	98.1	91	11	1	30	12	88	0
12	156	7.362	96.3	92	0	1	30	12	88	0
13	157	7.699	94.0	93	12	1	30	12	88	0
14	158	8.038	92.4	94	26	1	30	12	88	28
15	159	8.312	90.3	95	-4	1	30	12	88	0
16	160	8.594	88.5	96	-6	1	30	12	68	0
17	161	8.869	86.9	97	1	1	30	12	68	0
18	162	9.310	86.4	98	-26	1	30	12	68	0
19	163	9.739	84.9	99	23	1	30	12	68	0
20	164	10.078	83.9	100	14	1	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 6
SHOT TIME: 40: 5:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	118	9.523	262.4	101	22	1	30	12	88	0
2	120	9.247	260.3	102	16		30	12	88	1
3	121	9.037	258.2	103	0		30	12	88	6
4	123	8.637	253.4	104	-4	1	30	12	88	0
5	125	7.611	253.8	105	36	1	30	12	88	0
6	126	7.206	255.2	106	0	1	30	12	88	0
7	127	6.748	256.7	107	47	1	30	12	68	0
8	128	6.308	258.4	108	5	1	30	12	68	0
9	129	5.873	260.1	109	7	1	30	12	68	0
10	130	5.456	261.7	110	24	1	30	12	68	0
11	131	5.177	263.6	111	67	1	30	12	68	0
12	136	0.029	86.7	112	66		30	12	88	1
13	137	0.447	115.5	113	-15	3	30	12	88	0
14	138	0.833	115.9	114	3	3	30	12	88	0
15	139	1.254	117.2	115	10	3	30	12	88	0
16	140	1.657	115.2	116	19	3	30	12	88	0
17	141	2.058	115.5	117	-10	2	30	12	88	0
18	142	2.457	115.0	118	17	3	30	12	68	0
19	143	2.866	115.0	119	6	3	30	12	68	0
20	144	3.294	114.8	120	2	3	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 3
SHOT TIME: 40: 5:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	204	26.797	95.4	41	-28	2	30	12	48	0
2	203	26.454	94.9	42	14	2	30	12	68	0
3	202	26.107	94.4	43	10	2	30	12	68	0
4	201	25.743	93.9	44	17	2	30	12	68	0
5	200	25.423	93.6	45	0	2	30	12	68	0
6	199	25.014	93.4	46	23	2	30	12	68	0
7	198	24.612	93.2	47	5	2	30	12	88	0
8	197	24.231	93.0	48	8	2	30	12	88	0
9	196	23.853	92.8	49	16	2	30	12	88	0
10	195	23.454	92.6	50	-28	2	30	12	88	0
11	194	23.048	92.4	51	18	2	30	12	88	0
12	193	22.664	92.2	52	-8	3	30	12	88	0
13	192	22.271	91.9	53	12	2	30	12	88	0
14	191	21.886	91.7	54	-4	2	30	12	88	0
15	190	21.498	91.4	55	3	2	30	12	88	0
16	189	21.107	91.2	56	26	2	30	12	88	0
17	188	20.724	90.9	57	19	2	30	12	68	0
18	187	20.351	90.6	58	18	2	30	12	68	0
19	186	19.953	90.4	59	0	3	30	12	68	0
20	185	19.585	90.1	60	-5	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 10 SHOT POINT 4 TEAM 4
SHOT TIME: 40: 5:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	101	15.593	270.0	61	13	2	30	12	88	0
2	102	15.271	269.7	62	-2	2	30	12	88	0
3	103	14.864	269.7	63	12	1	30	12	88	0
4	104	14.465	269.4	64	27	1	30	12	88	0
5	105	14.062	268.9	65	-3	1	30	12	88	0
6	106	13.690	268.5	66	10	2	30	12	68	0
7	107	13.287	268.3	67	3	2	30	12	68	0
8	108	12.919	267.0	68	0	2	30	12	68	0
9	109	12.592	266.0	69	0	2	30	12	68	0
10	110	12.280	265.0	70	45	2	30	12	68	0
11	111	11.954	263.8	71	21	1	30	12	48	0
12	112	11.622	262.4	72	21	1	30	12	48	0
13	113	11.322	261.2	73	-29	1	30	12	48	1
14	114	11.020	259.8	74	1	1	30	12	48	0
15	116	10.307	260.7	75	18	1	30	12	48	0
16	117	9.926	261.9	76	-4	1	30	12	48	0
17	135	0.355	279.7	77	9	3	30	12	48	0
18	134	0.747	279.7	78	-3	1	30	12	48	0
19	133	1.131	280.6	79	8	3	30	12	48	0
20	132	1.467	281.3	80	16	3	30	12	48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 11 SHOT POINT 20 TEAM 1
SHOT TIME: 44: 31:31; 0.008

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	29	7.455	263.7	1	15	1	30	12	88	0	0
2	27	70.155	92.5	2	4	2	30	12	88	0	0
3	401	56.995	90.7	3	8		30	12	88	1	1
4	402	56.318	90.2	4	-9	2	30	12	88	0	0
5	403	55.521	89.9	5	12		30	12	88	21	21
6	405	53.651	89.6	6	7	2	30	12	68	0	0
7	406	52.815	89.7	7	-6	2	30	12	68	0	0
8	407	51.979	90.1	8	9	2	30	12	68	0	0
9	408	50.921	90.2	9	23	2	30	12	48	0	0
10	409	50.091	90.4	10	0	2	30	12	48	0	0
11	410	49.168	90.7	11	-32	2	30	12	48	0	0
12	411	47.779	91.1	12	12		30	12	48	1	1
13	412	47.049	91.3	13	3	2	30	12	48	0	0
14	413	46.337	91.8	14	-26	2	30	12	48	0	0
15	414	45.488	93.0	15	6	2	30	12	68	0	0
16	415	44.740	94.2	16	-6	2	30	12	68	0	0
17	416	43.909	95.2	17	22	2	30	12	68	0	0
18	417	43.054	95.4	18	23	1	30	12	88	0	0
19	418	42.244	95.3	19	45	1	30	12	88	0	0
20	419	41.542	95.3	20	-13	1	30	12	88	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 11 SHOT POINT 20 TEAM 3
SHOT TIME: 44: 31:31; 0.008

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	420	40.755	95.7	41	-17	2	30	12	88	0	0
2	421	40.607	95.2	42	10	1	30	12	88	0	0
3	422	40.207	95.1	43	7	1	30	12	88	0	0
4	423	39.858	95.1	44	9	2	30	12	88	0	0
5	424	39.409	95.0	45	0	2	30	12	68	0	0
6	425	38.998	95.0	46	4	2	30	12	68	0	0
7	426	38.528	94.9	47	-7	2	30	12	48	0	0
8	427	38.165	94.9	48	-3	2	30	12	48	0	0
9	428	37.754	94.9	49	12	2	30	12	48	0	0
10	429	37.403	94.8	50	-29	2	30	12	48	0	0
11	433	35.754	96.3	51	8	2	30	12	48	0	0
12	434	35.408	96.7	52	-18	2	30	12	68	0	0
13	435	34.974	97.2	53	7	2	30	12	68	0	0
14	436	34.684	97.5	54	-7	2	30	12	88	0	0
15	437	34.294	97.9	55	6	2	30	12	88	0	0
16	438	33.880	98.3	56	20	2	30	12	88	0	0
17	439	33.539	98.5	57	8	2	30	12	88	0	0
18	440	33.158	98.7	58	14	2	30	12	88	0	0
19	441	32.741	98.9	59	-2	2	30	12	68	0	0
20	442	32.367	98.9	60	-6	2	30	12	68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 11 SHOT POINT 20 TEAM 2
SHOT TIME: 44: 31:31; 0.008

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	500	7.760	102.3	21	-17	1	30	12	88	0	0
2	501	7.364	103.0	22	10	1	30	12	88	0	0
3	502	7.006	104.0	23	25	1	30	12	88	0	0
4	503	6.559	105.2	24	-3	1	30	12	88	0	0
5	504	6.237	105.9	25	5	1	30	12	88	0	0
6	505	5.836	106.8	26	1	1	30	12	88	0	0
7	506	5.458	108.1	27	-74	3	30	12	88	0	0
8	507	5.080	109.5	28	11	3	30	12	88	0	0
9	508	4.698	111.2	29	5	3	30	12	68	0	0
10	509	4.318	113.0	30	5	3	30	12	68	1	1
11	510	3.972	115.0	31	6	3	30	12	68	0	0
12	511	3.590	118.0	32	32		30	12	68	3	3
13	512	3.244	120.9	33	40	3	30	12	68	0	0
14	513	2.923	125.2	34	12	3	30	12	68	0	0
15	514	2.599	130.1	35	-31	3	30	12	68	0	0
16	515	2.208	135.2	36	3	3	30	12	68	0	0
17	516	2.026	145.6	37	4	2	30	12	68	0	0
18	517	1.836	156.5	38	2	2	30	12	68	0	0
19	518	1.707	168.3	39	0	1	30	12	68	0	0
20	519	0.034	324.7	40	6	3	30	12	68	0	0

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	460	24.443	97.6	61	11	2	30	12	68	0	0
2	461	24.057	97.7	62	2	2	30	12	68	0	0
3	462	23.681	97.6	63	7	2	30	12	68	0	0
4	463	23.320	97.7	64	10	2	30	12	68	0	0
5	464	22.918	97.8	65	-4	2	30	12	68	0	0
6	465	22.454	98.0	66	6	2	30	12	88	0	0
7	466	22.054	98.1	67	-4	2	30	12	88	0	0
8	467	21.657	98.2	68	-3	1	30	12	88	0	0
9	468	21.253	98.3	69	1	2	30	12	88	0	0
10	469	20.864	98.4	70	36	2	30	12	88	0	0
11	470	20.469	98.6	71	12	2	30	12	88	0	0
12	471	20.031	98.7	72	7	2	30	12	88	0	0
13	472	19.617	98.8	73	-9	2	30	12	88	0	0
14	473	19.198	99.0	74	3	2	30	12	88	0	0
15	474	18.804	99.1	75	4	1	30	12	88	0	0
16	475	18.391	99.3	76	-4	1	30	12	68	0	0
17	476	18.033	99.5	77	9	2	30	12	68	0	0
18	477	17.577	99.0	78	-2	2	30	12	68	0	0
19	478	17.136	98.7	79	5	1	30	12	68	0	0
20	479	16.734	98.5	80	2	2	30	12	68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 11 SHOT POINT 20 TEAM 5
SHOT TIME: 44: 3:31: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	37.033	95.1	81	-28		30	12 68	1
2	431	36.622	95.5	82	--	2	30	12 68	0
3	432	36.166	95.9	83	18	2	30	12 68	0
4	443	31.959	99.0	84	-13	2	30	12 68	0
5	444	31.539	98.9	85	--		30	12 68	28
6	445	31.112	98.9	86	-4	2	30	12 68	0
7	446	30.637	98.6	87	-9	2	30	12 68	0
8	447	30.280	99.3	88	19	2	30	12 68	0
9	448	29.766	99.2	89	-4	2	30	12 68	0
10	449	28.962	98.8	90	9	2	30	12 68	0
11	450	28.495	98.6	91	9		30	12 68	1
12	451	28.031	98.3	92	0	2	30	12 68	0
13	452	27.506	98.0	93	0	2	30	12 68	0
14	453	27.185	97.9	94	19		30	12 68	28
15	454	26.808	97.6	95	-4	2	30	12 68	0
16	455	26.460	97.5	96	-19	2	30	12 68	0
17	456	26.070	97.4	97	2	2	30	12 68	0
18	459	24.838	97.3	98	-17	2	30	12 68	0
19	458	25.248	97.3	99	16	2	30	12 68	0
20	457	25.652	97.3	100	11	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 11 SHOT POINT 20 TEAM 6
SHOT TIME: 44: 3:31: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	16.292	98.3	101	17	2	30	12 68	0
2	481	15.846	97.9	102	12	2	30	12 68	0
3	482	15.517	97.7	103	0	2	30	12 68	0
4	483	15.035	97.2	104	-4	2	30	12 68	0
5	484	22.110	40.7	105	27	1	30	12 68	0
6	485	13.876	96.9	106	-4	1	30	12 68	0
7	486	13.318	97.1	107	29	1	30	12 68	0
8	487	12.914	97.3	108	2	1	30	12 68	0
9	488	12.505	97.6	109	6	1	30	12 68	0
10	489	12.105	97.8	110	20	1	30	12 68	0
11	490	11.707	98.1	111	46	1	30	12 68	0
12	491	11.307	98.4	112	6	3	30	12 68	0
13	492	10.912	98.7	113	-13	1	30	12 68	0
14	493	10.523	99.0	114	1	1	30	12 68	0
15	494	10.122	99.4	115	6	1	30	12 68	0
16	495	9.736	99.8	116	13	1	30	12 68	0
17	496	9.326	100.1	117	-15	1	30	12 68	0
18	497	8.940	100.7	118	6	1	30	12 68	0
19	498	8.539	101.1	119	4	1	30	12 68	0
20	499	8.136	101.7	120	1	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 1
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	29	21.149	272.2	1	15	2	30	12 88	0
2	27	56.389	91.4	2	4	2	30	12 88	0
3	401	43.285	88.7	3	8		30	12 88	1
4	402	42.625	88.1	4	-9	2	30	12 88	0
5	403	41.840	87.6	5	12	3	30	12 88	0
6	405	39.986	87.0	6	7	2	30	12 68	0
7	406	39.143	87.2	7	-6	2	30	12 68	0
8	407	38.294	87.6	8	9	2	30	12 68	0
9	408	37.231	87.8	9	23	2	30	12 48	0
10	409	36.393	88.0	10	0	2	30	12 48	0
11	410	35.462	88.3	11	-32	2	30	12 48	0
12	411	34.058	88.8	12	12		30	12 48	1
13	412	33.321	89.1	13	3	2	30	12 48	0
14	413	32.596	89.7	14	-26	2	30	12 48	0
15	414	31.714	91.3	15	6	2	30	12 68	0
16	415	30.943	93.0	16	-6	2	30	12 68	0
17	416	30.098	94.4	17	22	2	30	12 68	0
18	417	29.241	94.7	18	23	2	30	12 88	0
19	418	28.431	94.6	19	45	2	30	12 88	0
20	419	27.730	94.5	20	-13	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 2
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	500	6.141	269.9	21	-17	1	30	12 88	0
2	501	6.547	269.9	22	10	1	30	12 88	0
3	502	6.925	269.6	23	25	1	30	12 88	0
4	503	7.394	269.4	24	-3	1	30	12 88	0
5	504	7.724	269.5	25	5	1	30	12 88	0
6	505	8.137	269.7	26	1	1	30	12 88	0
7	506	8.537	269.6	27	-74	1	30	12 88	0
8	507	8.936	269.6	28	11	1	30	12 88	0
9	508	9.343	269.7	29	5	1	30	12 68	0
10	509	9.749	269.7	30	5	1	30	12 68	1
11	510	10.123	269.8	31	6	1	30	12 68	0
12	511	10.554	269.8	32	32		30	12 68	3
13	512	10.941	269.9	33	40	1	30	12 68	0
14	513	11.336	269.8	34	12	1	30	12 68	0
15	514	11.735	269.9	35	-31	1	30	12 68	0
16	515	12.166	270.4	36	3	1	30	12 68	0
17	516	12.579	269.9	37	4	1	30	12 68	0
18	517	12.991	269.8	38	2	2	30	12 68	0
19	518	13.378	269.9	39	0	1	30	12 68	0
20	519	13.843	276.9	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 3
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	26.939	95.1	41	-17	2	30	12 88	0
2	421	26.796	94.3	42	10	2	30	12 88	0
3	422	26.397	94.3	43	7	2	30	12 88	0
4	423	26.048	94.2	44	9	2	30	12 88	0
5	424	25.600	94.1	45	0	2	30	12 68	0
6	425	25.189	94.0	46	4	2	30	12 68	0
7	426	24.720	93.9	47	-7	1	30	12 48	0
8	427	24.358	93.8	48	-3	1	30	12 48	0
9	428	23.947	93.8	49	12	1	30	12 48	0
10	429	23.597	93.6	50	-29	1	30	12 48	0
11	433	21.934	96.0	51	8	2	30	12 48	0
12	434	21.587	96.6	52	-18	2	30	12 68	0
13	435	21.154	97.4	53	7	2	30	12 68	0
14	436	20.864	97.9	54	-7	2	30	12 88	0
15	437	20.477	98.7	55	6	2	30	12 88	0
16	438	20.067	99.4	56	20	2	30	12 88	0
17	439	19.728	99.7	57	8	2	30	12 88	0
18	440	19.350	100.0	58	14	2	30	12 88	0
19	441	18.935	100.4	59	-2	2	30	12 68	0
20	442	18.562	100.5	60	-6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 4
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	10.626	98.7	61	11	1	30	12 68	0
2	461	10.240	98.8	62	7	2	30	12 68	0
3	462	9.863	98.8	63	7	2	30	12 68	0
4	463	9.503	98.9	64	10	1	30	12 68	0
5	464	9.102	99.4	65	-4	1	30	12 68	0
6	465	8.640	99.8	66	6	1	30	12 88	0
7	466	8.242	100.2	67	-4	1	30	12 88	0
8	467	7.847	100.6	68	-4	1	30	12 88	0
9	468	7.446	101.1	69	1	1	30	12 88	0
10	469	7.059	101.6	70	36	1	30	12 88	0
11	470	6.668	102.3	71	12	1	30	12 88	0
12	471	6.233	102.7	72	7	1	30	12 88	0
13	472	5.823	103.5	73	-9	1	30	12 88	0
14	473	5.412	104.5	74	3	1	30	12 88	0
15	474	5.025	105.5	75	4	1	30	12 88	0
16	475	4.622	106.7	76	-4	1	30	12 68	0
17	476	4.276	108.2	77	9	1	30	12 68	1
18	477	3.801	106.8	78	-2	1	30	12 68	0
19	478	3.353	106.4	79	5	1	30	12 68	0
20	479	2.948	106.5	80	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 5
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	23.224	94.0	81	-28		30	12 68	1
2	431	22.809	94.6	82	--	2	30	12 68	0
3	432	22.348	95.4	83	18	2	30	12 68	0
4	443	18.155	100.6	84	-13	2	30	12 88	0
5	444	17.734	100.6	85	--		30	12 68	1
6	445	17.307	100.5	86	-4	1	30	12 68	0
7	446	16.828	100.0	87	-9	1	30	12 68	0
8	447	16.483	101.4	88	19	2	30	12 68	0
9	448	15.966	101.2	89	-4	2	30	12 68	0
10	449	15.157	100.7	90	9	2	30	12 88	0
11	450	14.687	100.3	91	9		30	12 88	1
12	451	14.219	99.8	92	0	2	30	12 88	0
13	452	13.692	99.3	93	0	2	30	12 88	0
14	453	13.369	99.0	94	19		30	12 88	28
15	454	12.991	98.5	95	-4	2	30	12 88	0
16	455	12.641	98.2	96	-19	1	30	12 88	0
17	456	12.251	98.0	97	2	2	30	12 88	0
18	459	11.019	97.9	98	-17	2	30	12 88	0
19	458	11.429	97.8	99	16	2	30	12 68	0
20	457	11.833	97.9	100	11		30	12 68	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 12 SHOT POINT 7 TEAM 6
SHOT TIME: 44: 3:33: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	2.501	106.3	101	18	3	30	12 68	0
2	481	2.046	105.6	102	12	3	30	12 68	0
3	482	1.710	104.5	103	0	2	30	12 88	0
4	483	1.218	101.4	104	-4	2	30	12 88	0
5	484	18.416	2.2	105	27	1	30	12 88	0
6	485	0.056	104.8	106	-29	3	30	12 88	0
7	486	0.507	269.7	107	29	3	30	12 88	0
8	487	0.914	270.0	108	2	1	30	12 88	0
9	488	1.327	269.6	109	6	1	30	12 88	0
10	489	1.730	269.9	110	20	1	30	12 88	0
11	490	2.132	269.9	111	46	3	30	12 68	0
12	491	2.536	269.9	112	6	1	30	12 68	0
13	492	2.935	270.0	113	-13	1	30	12 68	0
14	493	3.329	269.9	114	1	1	30	12 68	0
15	494	3.736	269.9	115	6	1	30	12 68	0
16	495	4.130	269.7	116	13	1	30	12 68	0
17	496	4.542	270.0	117	-15	1	30	12 68	0
18	497	4.938	269.8	118	6	1	30	12 68	0
19	498	5.344	269.9	119	4	1	30	12 68	0
20	499	5.755	270.0	120	1	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 1
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	29	34.775	274.9	1	15	2	30	12 88	0
2	27	42.874	89.0	2	4	2	30	12 88	0
3	401	29.937	83.9	3	8		30	12 88	1
4	402	29.320	82.9	4	-9	1	30	12 88	0
5	403	28.569	82.1	5	12	2	30	12 88	0
6	405	26.767	80.9	6	7	2	30	12 68	0
7	406	25.915	81.0	7	-6	1	30	12 68	0
8	407	25.040	81.4	8	9	1	30	12 68	0
9	408	23.974	81.3	9	23	1	30	12 48	0
10	409	23.122	81.5	10	0	2	30	12 48	0
11	410	22.178	81.6	11	-32	1	30	12 48	0
12	411	20.747	82.0	12	12		30	12 48	1
13	412	19.996	82.2	13	3	1	30	12 48	0
14	413	19.237	82.9	14	-26	1	30	12 48	0
15	414	18.256	85.5	15	6	2	30	12 68	0
16	415	17.403	88.1	16	-6	1	30	12 68	0
17	416	16.500	90.5	17	23	2	30	12 68	0
18	417	15.634	90.9	18	23	2	30	12 88	0
19	418	14.831	90.4	19	45	1	30	12 88	0
20	419	14.134	90.0	20	-13	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 2
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	500	19.771	276.3	21	-17	2	30	12 88	0
2	501	20.175	276.2	22	10	2	30	12 88	0
3	502	20.547	276.0	23	25	2	30	12 88	0
4	503	21.010	275.7	24	-3	1	30	12 88	0
5	504	21.340	275.7	25	5	2	30	12 88	0
6	505	21.753	275.6	26	1	2	30	12 88	0
7	506	22.150	275.5	27	-74	2	30	12 88	0
8	507	22.548	275.4	28	11		30	12 88	3
9	508	22.953	275.3	29	5	2	30	12 68	0
10	509	23.358	275.2	30	5		30	12 68	1
11	510	23.732	275.2	31	6	2	30	12 68	0
12	511	24.161	275.1	32	32		30	12 68	3
13	512	24.548	275.0	33	40	2	30	12 68	0
14	513	24.940	274.9	34	12	1	30	12 68	0
15	514	25.338	274.9	35	-31	1	30	12 68	0
16	515	25.777	275.0	36	3	2	30	12 68	0
17	516	26.180	274.7	37	4	2	30	12 68	0
18	517	26.589	274.6	38	2	2	30	12 68	0
19	518	26.976	274.6	39	0	2	30	12 68	0
20	519	27.524	278.0	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 3
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	13.323	91.0	41	-17	1	30	12 88	0
2	421	13.212	89.3	42	10	1	30	12 88	0
3	422	12.817	89.0	43	7	1	30	12 88	0
4	423	12.474	88.7	44	9	1	30	12 88	0
5	424	12.033	88.3	45	0	1	30	12 68	0
6	425	11.627	87.9	46	4	1	30	12 68	0
7	426	11.166	87.4	47	-7	2	30	12 48	0
8	427	10.812	86.9	48	-3	1	30	12 48	0
9	428	10.405	86.6	49	12	1	30	12 48	0
10	429	10.067	86.0	50	-29	1	30	12 48	0
11	433	8.305	90.8	51	8	1	30	12 48	0
12	434	7.940	92.2	52	-18	1	30	12 68	0
13	435	7.488	94.1	53	7	1	30	12 68	0
14	436	7.189	95.6	54	-7	1	30	12 88	0
15	437	6.794	97.6	55	6	1	30	12 88	0
16	438	6.382	99.9	56	20	2	30	12 88	0
17	439	6.045	100.9	57	8	1	30	12 88	0
18	440	5.670	102.2	58	14	1	30	12 88	0
19	441	5.262	103.7	59	-2	1	30	12 68	0
20	442	4.891	104.3	60	-6	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 4
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	3.061	280.8	61	11	1	30	12 68	0
2	461	3.446	280.3	62	2	1	30	12 68	0
3	462	3.822	280.1	63	7	1	30	12 68	0
4	463	4.182	279.7	64	10	1	30	12 68	0
5	464	4.583	278.8	65	-4	1	30	12 68	0
6	465	5.046	278.1	66	6	1	30	12 88	0
7	466	5.446	277.6	67	-4	1	30	12 88	0
8	467	5.844	277.2	68	-4	1	30	12 88	0
9	468	6.249	276.8	69	1	1	30	12 88	0
10	469	6.639	276.6	70	36	1	30	12 88	0
11	470	7.036	276.2	71	12	1	30	12 88	0
12	471	7.474	276.2	72	7	1	30	12 88	0
13	472	7.890	276.0	73	-9	1	30	12 88	0
14	473	8.312	275.7	74	3	1	30	12 88	0
15	474	8.709	275.5	75	4	1	30	12 88	0
16	475	9.125	275.3	76	-4	1	30	12 68	0
17	476	9.486	275.1	77	9	1	30	12 68	0
18	477	9.931	276.2	78	-2	1	30	12 68	0
19	478	10.368	276.8	79	5	1	30	12 68	0
20	479	10.768	277.2	80	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 5
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	9.674	86.7	81	-28	30	12	68	1
2	431	9.231	87.9	82	--	1	30	12 68	0
3	432	8.741	89.4	83	18	2	30	12 68	0
4	443	4.488	105.1	84	-13	1	30	12 88	0
5	444	4.068	105.4	85	--		30	12 68	1
6	445	3.639	105.6	86	-4	1	30	12 68	0
7	446	3.151	103.7	87	-9	3	30	12 68	0
8	447	2.860	112.3	88	19	1	30	12 68	0
9	448	2.341	113.3	89	-4	1	30	12 68	0
10	449	1.519	114.2	90	9	1	30	12 88	0
11	450	1.037	114.8	91	9		30	12 88	1
12	451	0.558	116.4	92	0	1	30	12 88	0
13	452	0.029	176.0	93	0	3	30	12 88	0
14	453	0.318	285.9	94	19		30	12 88	28
15	454	0.712	291.7	95	-4	1	30	12 88	0
16	455	1.066	290.4	96	-19	1	30	12 88	0
17	456	1.456	288.6	97	2	1	30	12 88	0
18	459	2.679	284.3	98	-17	3	30	12 88	0
19	458	2.275	285.9	99	16	3	30	12 68	0
20	457	1.872	286.9	100	11	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 13 SHOT POINT 23 TEAM 6
SHOT TIME: 44: 3:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	11.209	277.6	101	18	1	30	12 68	0
2	481	11.655	278.0	102	12	1	30	12 68	0
3	482	11.984	278.4	103	0	2	30	12 88	0
4	483	12.468	278.9	104	-4	1	30	12 88	0
5	484	24.227	328.2	105	27	1	30	12 88	0
6	485	13.629	279.1	106	-4	2	30	12 88	0
7	486	14.185	278.8	107	29	1	30	12 88	0
8	487	14.588	278.6	108	2	1	30	12 88	0
9	488	14.996	278.3	109	6	1	30	12 88	0
10	489	15.396	278.1	110	20	1	30	12 88	0
11	490	15.794	277.9	111	46	1	30	12 68	0
12	491	16.194	277.7	112	6	2	30	12 68	0
13	492	16.589	277.5	113	-13	2	30	12 68	0
14	493	16.980	277.4	114	1	2	30	12 68	0
15	494	17.383	277.2	115	6	2	30	12 68	0
16	495	17.773	277.0	116	13	1	30	12 68	0
17	496	18.184	276.9	117	-15	2	30	12 68	0
18	497	18.576	276.7	118	6	1	30	12 68	0
19	498	18.980	276.6	119	4	2	30	12 68	0
20	499	19.389	276.4	120	1	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 1
SHOT TIME: 44: 3:37; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	29	48.047	273.8	1	15	2	30	12 88	0
2	27	29.590	88.0	2	4	2	30	12 88	0
3	401	16.822	78.4	3	8		30	12 88	1
4	402	16.265	76.3	4	-9	1	30	12 88	0
5	403	15.568	74.6	5	12	3	30	12 88	0
6	405	13.876	71.2	6	7	1	30	12 68	0
7	406	13.030	70.8	7	-6	1	30	12 68	0
8	407	12.135	70.9	8	9	1	30	12 68	0
9	408	11.097	69.7	9	23	1	30	12 48	0
10	409	10.249	69.1	10	0	1	30	12 48	0
11	410	9.314	68.2	11	-33	1	30	12 48	0
12	411	7.892	66.8	12	12		30	12 48	1
13	412	7.151	65.7	13	3	3	30	12 48	0
14	413	6.353	65.8	14	-26	3	30	12 48	0
15	414	5.182	71.2	15	6	1	30	12 68	0
16	415	4.178	78.9	16	-6	1	30	12 68	0
17	416	3.206	88.5	17	23	1	30	12 68	0
18	417	2.337	90.4	18	23	1	30	12 88	0
19	418	1.541	85.2	19	45	1	30	12 88	0
20	419	0.867	75.6	20	-13	3	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 2
SHOT TIME: 44: 3:37; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	500	33.033	274.2	21	-17	2	30	12 88	0
2	501	33.438	274.1	22	10	2	30	12 88	0
3	502	33.812	274.0	23	25	2	30	12 88	0
4	503	34.278	273.9	24	-3	2	30	12 88	0
5	504	34.608	273.9	25	5	2	30	12 88	0
6	505	35.021	273.9	26	1	2	30	12 88	0
7	506	35.420	273.8	27	-74	2	30	12 88	0
8	507	35.819	273.8	28	11		30	12 88	3
9	508	36.225	273.7	29	5	2	30	12 68	0
10	509	36.631	273.7	30	5		30	12 68	1
11	510	37.004	273.7	31	6	2	30	12 68	0
12	511	37.434	273.6	32	32		30	12 68	3
13	512	37.822	273.6	33	40	2	30	12 68	0
14	513	38.215	273.5	34	12	1	30	12 68	0
15	514	38.614	273.5	35	-31	2	30	12 68	0
16	515	39.051	273.6	36	3	2	30	12 68	0
17	516	39.457	273.5	37	4	2	30	12 68	0
18	517	39.867	273.4	38	2	2	30	12 68	0
19	518	40.254	273.4	39	0	2	30	12 68	0
20	519	40.750	275.7	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 3
SHOT TIME: 44: 31:37: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	0.029	114.5	41	-17	3	30	12	88	0
2	421	0.386	347.4	42	10	3	30	12	88	0
3	422	0.654	312.8	43	7	3	30	12	88	0
4	423	0.967	301.5	44	9	1	30	12	88	0
5	424	1.397	294.9	45	0	3	30	12	68	0
6	425	1.797	291.2	46	4	1	30	12	68	0
7	426	2.262	288.9	47	-7	3	30	12	48	0
8	427	2.623	287.8	48	-3	3	30	12	48	0
9	428	3.025	286.0	49	12	3	30	12	48	0
10	429	3.382	285.9	50	-29	3	30	12	48	0
11	433	4.992	271.3	51	8	1	30	12	48	0
12	434	5.362	269.1	52	-18	1	30	12	68	0
13	435	5.835	266.9	53	7	1	30	12	68	0
14	436	6.158	265.6	54	-7	1	30	12	88	0
15	437	6.597	264.1	55	6	1	30	12	88	0
16	438	7.061	262.9	56	20	2	30	12	88	0
17	439	7.417	262.9	57	8	1	30	12	88	0
18	440	7.813	262.9	58	14	1	30	12	88	0
19	441	8.247	262.9	59	-2	1	30	12	68	0
20	442	8.612	263.5	60	-6	1	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 4
SHOT TIME: 44: 31:37: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	16.321	272.8	61	11	2	30	12	68	0
2	461	16.706	272.9	62	2	2	30	12	68	0
3	462	17.081	273.0	63	7	2	30	12	68	0
4	463	17.442	273.1	64	10	2	30	12	68	0
5	464	17.848	273.0	65	-4	1	30	12	68	0
6	465	18.315	272.9	66	6	2	30	12	88	0
7	466	18.717	272.9	67	-4	2	30	12	88	0
8	467	19.117	272.9	68	-4	2	30	12	88	0
9	468	19.524	272.8	69	1	2	30	12	88	0
10	469	19.914	272.8	70	36	2	30	12	88	0
11	470	20.313	272.8	71	12	2	30	12	88	0
12	471	20.751	272.9	72	7	2	30	12	88	0
13	472	21.168	272.8	73	-9	2	30	12	88	0
14	473	21.591	272.8	74	3	2	30	12	88	0
15	474	21.989	272.8	75	4	2	30	12	88	0
16	475	22.406	272.7	76	-4	2	30	12	68	0
17	476	22.768	272.7	77	9	2	30	12	68	0
18	477	23.203	273.2	78	-2	2	30	12	68	0
19	478	23.633	273.5	79	5	2	30	12	68	0
20	479	24.029	273.7	80	2	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 5
SHOT TIME: 44: 31:37: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	3.719	282.1	81	-28		30	12	68	1
2	431	4.108	277.8	82	--	1	30	12	68	0
3	432	4.565	273.9	83	18	2	30	12	68	0
4	443	9.012	264.0	84	-13	1	30	12	88	0
5	444	9.414	264.8	85	--		30	12	68	1
6	445	9.819	265.6	86	-4	1	30	12	68	0
7	446	10.248	267.1	87	-9	1	30	12	68	0
8	447	10.685	265.4	88	19	1	30	12	68	0
9	448	11.168	266.4	89	-4	1	30	12	68	0
10	449	11.917	268.1	90	9	2	30	12	88	0
11	450	12.355	269.0	91	9		30	12	88	1
12	451	12.795	269.9	92	0	2	30	12	88	0
13	452	13.295	270.8	93	0	2	30	12	88	0
14	453	13.605	271.3	94	19		30	12	88	28
15	454	13.965	272.0	95	-4	2	30	12	88	0
16	455	14.307	272.4	96	-19	2	30	12	88	0
17	456	14.691	272.7	97	2	2	30	12	88	0
18	459	15.916	273.2	98	-17	2	30	12	88	0
19	458	15.506	273.1	99	16	2	30	12	68	0
20	457	15.105	272.9	100	11	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 14 SHOT POINT 25 TEAM 6
SHOT TIME: 44: 31:37: 0.010

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	24.465	274.0	101	18	2	30	12	68	0
2	481	24.903	274.3	102	12	2	30	12	68	0
3	482	25.227	274.5	103	0	2	30	12	88	0
4	483	25.701	274.8	104	-4	2	30	12	88	0
5	484	33.348	308.6	105	27	2	30	12	88	0
6	485	26.856	275.1	106	-4	2	30	12	88	0
7	486	27.416	275.0	107	29	2	30	12	88	0
8	487	27.822	275.0	108	2	2	30	12	88	0
9	488	28.234	274.9	109	6	2	30	12	88	0
10	489	28.636	274.8	110	20	2	30	12	88	0
11	490	29.036	274.7	111	46	2	30	12	68	0
12	491	29.439	274.7	112	6	2	30	12	68	0
13	492	29.836	274.6	113	-13	2	30	12	68	0
14	493	30.229	274.6	114	1	2	30	12	68	0
15	494	30.635	274.5	115	6	2	30	12	68	0
16	495	31.027	274.4	116	13	2	30	12	68	0
17	496	31.439	274.4	117	-15	2	30	12	68	0
18	497	31.833	274.3	118	6	2	30	12	68	0
19	498	32.239	274.3	119	4	2	30	12	68	0
20	499	32.649	274.2	120	1	2	30	12	88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 1
SHOT TIME: 44: 3:39; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	29	77.535	271.6	1	15	2	30	12 88	0
2	27	0.000	180.0	2	4	2	30	12 88	0
3	401	13.304	280.3	3	8		30	12 88	1
4	402	14.051	281.6	4	-9	1	30	12 88	0
5	403	14.890	282.1	5	12	2	30	12 88	0
6	405	16.788	281.9	6	7	1	30	12 68	0
7	406	17.574	280.8	7	-6	1	30	12 68	0
8	407	18.343	279.3	8	9	1	30	12 68	0
9	408	19.371	278.4	9	23	1	30	12 48	0
10	409	20.167	277.5	10	0	1	30	12 48	0
11	410	21.061	276.7	11	-33	3	30	12 48	0
12	411	22.414	275.4	12	12		30	12 48	3
13	412	23.131	274.8	13	3	1	30	12 48	0
14	413	23.825	273.8	14	-26	1	30	12 68	0
15	414	24.674	271.5	15	6	1	30	12 68	0
16	415	25.473	269.5	16	-6	1	30	12 68	0
17	416	26.385	268.0	17	23	1	30	12 68	0
18	417	27.256	267.8	18	23	1	30	12 88	0
19	418	28.051	268.2	19	45	1	30	12 88	0
20	419	28.744	268.4	20	-13	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 2
SHOT TIME: 44: 3:39; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	500	62.528	271.3	21	-17	1	30	12 88	0
2	501	62.934	271.3	22	10	1	30	12 88	0
3	502	63.311	271.2	23	25	1	30	12 88	0
4	503	63.779	271.2	24	-3	1	30	12 88	0
5	504	64.110	271.2	25	5	1	30	12 88	0
6	505	64.523	271.2	26	1	1	30	12 88	0
7	506	64.922	271.2	27	-74	1	30	12 88	0
8	507	65.322	271.2	28	11		30	12 88	3
9	508	65.729	271.2	29	5	2	30	12 68	0
10	509	66.135	271.2	30	5		30	12 68	1
11	510	66.509	271.2	31	6	1	30	12 68	0
12	511	66.940	271.2	32	32		30	12 68	3
13	512	67.328	271.2	33	40	2	30	12 68	0
14	513	67.722	271.1	34	12	1	30	12 68	0
15	514	68.121	271.1	35	-31	1	30	12 68	0
16	515	68.554	271.2	36	3	1	30	12 68	0
17	516	68.965	271.1	37	4	1	30	12 68	0
18	517	69.377	271.1	38	2	2	30	12 68	0
19	518	69.764	271.1	39	0	1	30	12 68	0
20	519	70.176	272.5	40	6	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 3
SHOT TIME: 44: 3:39; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	420	29.565	268.0	41	-17	1	30	12 88	0
2	421	29.663	268.8	42	10	1	30	12 88	0
3	422	30.057	268.9	43	7	1	30	12 88	0
4	423	30.401	269.0	44	9	1	30	12 88	0
5	424	30.842	269.2	45	0	1	30	12 68	0
6	425	31.249	269.3	46	4	1	30	12 68	0
7	426	31.712	269.5	47	-7	1	30	12 48	0
8	427	32.070	269.6	48	-3	1	30	12 48	0
9	428	32.479	269.7	49	12	1	30	12 48	0
10	429	32.823	269.9	50	-29	1	30	12 48	0
11	433	34.575	268.5	51	8	1	30	12 48	0
12	434	34.951	268.2	52	-18	1	30	12 68	0
13	435	35.425	267.9	53	7	1	30	12 68	0
14	436	35.744	267.6	54	-7	1	30	12 88	0
15	437	36.175	267.3	55	6	1	30	12 88	0
16	438	36.630	267.1	56	20	2	30	12 88	0
17	439	36.985	267.0	57	8	1	30	12 88	0
18	440	37.380	267.0	58	14	1	30	12 88	0
19	441	37.812	266.9	59	-2	1	30	12 68	0
20	442	38.182	267.0	60	-6	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 4
SHOT TIME: 44: 3:39; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	460	45.873	269.7	61	11	1	30	12 68	0
2	461	46.256	269.8	62	2	2	30	12 68	0
3	462	46.628	269.9	63	7	1	30	12 68	0
4	463	46.987	269.9	64	10	2	30	12 68	0
5	464	47.394	269.9	65	-4	2	30	12 68	0
6	465	47.861	269.9	66	6	1	30	12 88	0
7	466	48.263	269.9	67	-4	1	30	12 88	0
8	467	48.663	269.9	68	-4	1	30	12 88	0
9	468	49.070	270.0	69	1	1	30	12 88	0
10	469	49.460	270.0	70	36	1	30	12 88	0
11	470	49.859	270.0	71	12	2	30	12 88	0
12	471	50.295	270.0	72	7	1	30	12 88	0
13	472	50.712	270.0	73	-9	1	30	12 88	0
14	473	51.136	270.0	74	3	1	30	12 88	0
15	474	51.533	270.1	75	4	1	30	12 88	0
16	475	51.950	270.1	76	-4	1	30	12 68	0
17	476	52.313	270.1	77	9	1	30	12 68	0
18	477	52.736	270.3	78	-2	1	30	12 68	0
19	478	53.159	270.5	79	5	1	30	12 68	0
20	479	53.550	270.6	80	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 5
SHOT TIME: 44: 3:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	430	33.208	269.6	81	-28		30	12 68	1
2	431	33.645	269.2	82	--	1	30	12 68	0
3	432	34.133	268.8	83	18	2	30	12 68	0
4	443	38.586	267.1	84	-13	1	30	12 68	0
5	444	38.993	267.3	85	--		30	12 68	1
6	445	39.403	267.4	86	-4	1	30	12 68	0
7	446	39.838	267.8	87	-9	1	30	12 68	0
8	447	40.268	267.3	88	19	1	30	12 68	0
9	448	40.755	267.6	89	-4	1	30	12 68	0
10	449	41.507	268.1	90	9	1	30	12 68	0
11	450	41.944	268.3	91	9		30	12 68	1
12	451	42.380	268.6	92	0		30	12 68	1
13	452	42.873	268.9	93	0	1	30	12 68	0
14	453	43.178	269.1	94	19		30	12 68	28
15	454	43.531	269.3	95	-4	1	30	12 68	0
16	455	43.867	269.5	96	-19	1	30	12 68	0
17	456	44.246	269.6	97	2	1	30	12 68	0
18	458	45.462	269.8	98	-17	1	30	12 68	0
19	458	45.054	269.8	99	16	1	30	12 68	0
20	457	44.657	269.7	100	11	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 1
SHOT TIME: 44: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	29	64.395	269.9	1	16	2	30	12 88	0
2	27	13.314	100.3	2	5	1	30	12 88	0
3	401	0.010	107.2	3	8		30	12 88	1
4	402	0.804	304.4	4	-9	3	30	12 88	0
5	403	1.639	297.2	5	13	2	30	12 88	0
6	405	3.499	288.0	6	7	3	30	12 68	0
7	406	4.262	282.3	7	-7	1	30	12 68	0
8	407	5.035	276.7	8	10	3	30	12 68	0
9	408	6.078	274.4	9	24	3	30	12 48	0
10	409	6.897	272.2	10	0	1	30	12 48	0
11	410	7.818	270.5	11	-35	1	30	12 48	0
12	411	9.218	268.3	12	13		30	12 48	1
13	412	9.958	267.4	13	3	1	30	12 48	0
14	413	10.699	265.8	14	-28	1	30	12 48	0
15	414	11.689	261.5	15	7	1	30	12 68	0
16	415	12.636	258.2	16	-7	1	30	12 68	0
17	416	13.669	256.0	17	24	2	30	12 68	0
18	417	14.536	256.5	18	25	1	30	12 88	0
19	418	15.284	257.7	19	49	1	30	12 88	0
20	419	15.948	258.5	20	-14	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 15 SHOT POINT 27 TEAM 6
SHOT TIME: 44: 3:39: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	480	53.978	270.7	101	18	1	30	12 68	0
2	481	54.409	270.9	102	12	1	30	12 68	0
3	482	54.726	271.0	103	0	1	30	12 68	0
4	483	55.190	271.2	104	-4	1	30	12 68	0
5	484	59.016	289.6	105	27	1	30	12 68	0
6	485	56.334	271.4	106	-4	1	30	12 68	0
7	486	56.895	271.4	107	29	1	30	12 68	0
8	487	57.302	271.4	108	2	1	30	12 68	0
9	488	57.715	271.4	109	6	1	30	12 68	0
10	489	58.118	271.4	110	20	1	30	12 68	0
11	490	58.520	271.4	111	46	1	30	12 68	0
12	491	58.924	271.4	112	6	1	30	12 68	0
13	492	59.323	271.3	113	-13	1	30	12 68	0
14	493	59.717	271.3	114	1	1	30	12 68	0
15	494	60.124	271.3	115	6	1	30	12 68	0
16	495	60.518	271.3	116	13	1	30	12 68	0
17	496	60.930	271.3	117	-15	1	30	12 68	0
18	497	61.325	271.3	118	6	1	30	12 68	0
19	498	61.732	271.3	119	4	1	30	12 68	0
20	499	62.143	271.3	120	1	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 2
SHOT TIME: 44: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	500	49.415	268.9	21	-19	1	30	12 88	0
2	501	49.821	268.9	22	11	1	30	12 88	0
3	502	50.199	268.8	23	27	2	30	12 88	0
4	503	50.669	268.8	24	-4	1	30	12 88	0
5	504	50.999	268.8	25	6	1	30	12 88	0
6	505	51.411	268.9	26	2		30	12 88	1
7	506	51.811	268.9	27	-80	2	30	12 88	0
8	507	52.210	268.9	28	12	2	30	12 88	0
9	508	52.617	268.9	29	5	2	30	12 68	0
10	509	53.023	268.9	30	5		30	12 68	1
11	510	53.396	268.9	31	7	3	30	12 68	0
12	511	53.828	268.9	32	34	3	30	12 68	0
13	512	54.215	268.9	33	43	2	30	12 68	0
14	513	54.610	268.9	34	13	2	30	12 68	0
15	514	55.008	268.9	35	-33	2	30	12 68	0
16	515	55.437	269.1	36	3	2	30	12 68	0
17	516	55.852	269.0	37	5	2	30	12 68	0
18	517	56.264	269.0	38	3	2	30	12 68	0
19	518	56.651	269.0	39	0	2	30	12 68	0
20	519	57.006	270.7	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 3
SHOT TIME: 44: 5:31; 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	16.790	258.3	41	-18	1	30	12	88	0
2	421	16.824	259.7	42	10	1	30	12	88	0
3	422	17.201	260.1	43	8	1	30	12	88	0
4	423	17.530	260.5	44	10	1	30	12	88	0
5	424	17.955	261.0	45	0	2	30	12	68	0
6	425	18.348	261.4	46	5	1	30	12	68	0
7	426	18.795	261.9	47	-8	2	30	12	48	0
8	427	19.140	262.2	48	-4	1	30	12	48	0
9	428	19.542	262.5	49	13	2	30	12	48	0
10	429	19.872	262.9	50	-31	2	30	12	48	0
11	433	21.707	261.3	51	9	2	30	12	48	0
12	434	22.103	261.0	52	-19	2	30	12	68	0
13	435	22.599	260.6	53	8	2	30	12	68	0
14	436	22.935	260.3	54	-7	2	30	12	88	0
15	437	23.385	260.0	55	6	2	30	12	88	0
16	438	23.858	259.7	56	22	2	30	12	88	0
17	439	24.214	259.8	57	9	2	30	12	88	0
18	440	24.609	259.8	58	15	2	30	12	88	0
19	441	25.042	259.9	59	-2	2	30	12	68	0
20	442	25.402	260.1	60	-7	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 5
SHOT TIME: 44: 5:31; 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	20.271	262.6	81	-31		30	12	68	1
2	431	20.730	262.2	82	--	2	30	12	68	0
3	432	21.245	261.7	83	19	2	30	12	68	0
4	443	25.796	260.3	84	-14	2	30	12	88	0
5	444	26.188	260.7	85	--		30	12	68	1
6	445	26.581	261.0	86	-4	2	30	12	68	0
7	446	26.986	261.7	87	-9	2	30	12	68	0
8	447	27.448	261.1	88	20	2	30	12	68	0
9	448	27.913	261.6	89	-4	2	30	12	68	0
10	449	28.628	262.4	90	10	2	30	12	88	0
11	450	29.043	262.9	91	10		30	12	88	1
12	451	29.459	263.4	92	-2		30	12	88	1
13	452	29.929	263.9	93	0	2	30	12	88	0
14	453	30.223	264.2	94	21		30	12	88	28
15	454	30.559	264.6	95	-5	2	30	12	88	0
16	455	30.885	264.8	96	-20	2	30	12	88	0
17	456	31.256	265.0	97	2	2	30	12	88	0
18	459	32.452	265.6	98	-18	2	30	12	88	0
19	458	32.048	265.5	99	18	2	30	12	68	0
20	457	31.658	265.3	100	11	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 4
SHOT TIME: 44: 5:31; 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	32.868	265.5	61	12	2	30	12	68	0
2	461	33.246	265.6	62	3	2	30	12	68	0
3	462	33.614	265.7	63	7	2	30	12	68	0
4	463	33.970	265.8	64	11	2	30	12	68	0
5	464	34.376	265.9	65	-4	2	30	12	68	0
6	465	34.841	266.0	66	6	2	30	12	88	0
7	466	35.241	266.0	67	-5	2	30	12	88	0
8	467	35.639	266.1	68	-4	2	30	12	88	0
9	468	36.045	266.1	69	1	2	30	12	88	0
10	469	36.432	266.2	70	39	2	30	12	88	0
11	470	36.831	266.3	71	13	2	30	12	88	0
12	471	37.263	266.4	72	7	2	30	12	88	0
13	472	37.677	266.4	73	-10	2	30	12	88	0
14	473	38.100	266.5	74	3	2	30	12	88	0
15	474	38.496	266.5	75	4	2	30	12	88	0
16	475	38.911	266.6	76	-4	2	30	12	68	0
17	476	39.274	266.6	77	10	2	30	12	68	0
18	477	39.683	267.0	78	-2	2	30	12	68	0
19	478	40.097	267.2	79	6	2	30	12	68	0
20	479	40.481	267.4	80	2	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 16 SHOT POINT 26 TEAM 6
SHOT TIME: 44: 5:31; 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	40.902	267.6	101	19	2	30	12	68	0
2	481	41.324	267.9	102	13	2	30	12	68	0
3	482	41.634	268.1	103	0	2	30	12	88	0
4	483	42.089	268.3	104	-4	2	30	12	88	0
5	484	45.935	292.3	105	29	2	30	12	88	0
6	485	43.221	268.7	106	-4	2	30	12	88	0
7	486	43.782	268.7	107	32	2	30	12	88	21
8	487	44.189	268.7	108	2	2	30	12	88	0
9	488	44.603	268.7	109	6	2	30	12	88	0
10	489	45.005	268.7	110	22	2	30	12	88	0
11	490	45.408	268.8	111	50	2	30	12	68	0
12	491	45.811	268.8	112	6	2	30	12	68	0
13	492	46.209	268.8	113	-14	2	30	12	68	0
14	493	46.604	268.8	114	1	2	30	12	68	0
15	494	47.011	268.8	115	7	2	30	12	68	0
16	495	47.405	268.8	116	14	2	30	12	68	0
17	496	47.816	268.8	117	-16	2	30	12	68	0
18	497	48.213	268.8	118	7	2	30	12	68	0
19	498	48.619	268.8	119	5	2	30	12	68	0
20	499	49.030	268.8	120	1	2	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 1
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	29	13.854	273.5	1	16	1	30	12 88	0	0
2	27	63.692	91.2	2	5	2	30	12 88	0	0
3	401	50.589	88.9	3	8	3	30	12 88	1	1
4	402	49.927	88.3	4	-9	2	30	12 88	0	0
5	403	49.140	88.0	5	13	3	30	12 88	0	0
6	405	47.283	87.5	6	7	1	30	12 68	0	0
7	406	46.442	87.6	7	-7	2	30	12 68	0	0
8	407	45.595	88.0	8	10	1	30	12 68	0	0
9	408	44.532	88.1	9	24	2	30	12 48	0	0
10	409	43.695	88.3	10	0	2	30	12 48	0	0
11	410	42.765	88.6	11	-35	2	30	12 48	0	0
12	411	41.363	89.0	12	13	3	30	12 48	1	1
13	412	40.626	89.2	13	3	2	30	12 48	0	0
14	413	39.902	89.7	14	-28	2	30	12 48	0	0
15	414	39.018	91.0	15	7	2	30	12 68	0	0
16	415	38.240	92.4	16	-7	2	30	12 68	0	0
17	416	37.385	93.5	17	24	2	30	12 68	0	0
18	417	36.525	93.8	18	25	2	30	12 88	0	0
19	418	35.717	93.6	19	49	2	30	12 88	0	0
20	419	35.016	93.5	20	-14	2	30	12 88	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 2
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	500	1.165	89.2	21	-19	3	30	12 88	0	0
2	501	0.759	88.8	22	11	3	30	12 88	0	0
3	502	0.382	93.7	23	27	3	30	12 88	0	0
4	503	0.104	238.2	24	-4	3	30	12 88	0	0
5	504	0.421	264.4	25	6	3	30	12 88	1	1
6	505	0.831	268.5	26	2	3	30	12 88	0	0
7	506	1.232	268.5	27	-80	3	30	12 88	0	0
8	507	1.631	268.9	28	12	3	30	12 68	0	0
9	508	2.038	269.1	29	5	3	30	12 68	0	0
10	509	2.444	269.5	30	5	3	30	12 68	1	1
11	510	2.817	269.8	31	7	1	30	12 68	0/31	0
12	511	3.249	269.6	32	34	3	30	12 68	0	0
13	512	3.636	270.0	33	43	3	30	12 68	0	0
14	513	4.031	269.7	34	13	3	30	12 68	0	0
15	514	4.429	269.9	35	-33	3	30	12 68	0	0
16	515	4.862	271.2	36	3	3	30	12 68	0	0
17	516	5.274	269.9	37	5	1	30	12 68	0	0
18	517	5.686	269.8	38	3	1	30	12 68	0	0
19	518	6.073	270.0	39	0	1	30	12 68	0	0
20	519	6.657	284.7	40	6	1	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 3
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	420	34.220	94.0	41	-18	2	30	12 88	0	0
2	421	34.085	93.4	42	10	2	30	12 88	0	0
3	422	33.686	93.3	43	8	2	30	12 88	0	0
4	423	33.338	93.2	44	10	2	30	12 88	0	0
5	424	32.891	93.1	45	0	2	30	12 68	0	0
6	425	32.480	93.1	46	5	2	30	12 68	0	0
7	426	32.012	92.9	47	-8	2	30	12 48	0	0
8	427	31.651	92.9	48	-4	2	30	12 48	0	0
9	428	31.240	92.8	49	13	2	30	12 48	0	0
10	429	30.891	92.7	50	-31	2	30	12 48	0	0
11	433	29.209	94.5	51	9	2	30	12 48	0	0
12	434	28.855	94.9	52	-19	2	30	12 68	0	0
13	435	28.413	95.4	53	8	2	30	12 68	0	0
14	436	28.117	95.8	54	-7	2	30	12 88	0	0
15	437	27.720	96.3	55	6	2	30	12 88	0	0
16	438	27.299	96.8	56	22	2	30	12 88	0	0
17	439	26.956	97.0	57	9	2	30	12 88	0	0
18	440	26.572	97.2	58	15	2	30	12 88	0	0
19	441	26.152	97.5	59	-2	2	30	12 68	0	0
20	442	25.778	97.5	60	-7	2	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 4
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	460	17.880	95.1	61	12	1	30	12 68	0	0
2	461	17.494	95.0	62	3	2	30	12 68	0	0
3	462	17.118	95.0	63	7	2	30	12 68	0	0
4	463	16.757	95.0	64	11	2	30	12 68	0	0
5	464	16.352	95.1	65	-4	2	30	12 68	0	0
6	465	15.886	95.2	66	6	1	30	12 88	0	0
7	466	15.485	95.3	67	-5	1	30	12 88	0	0
8	467	15.086	95.4	68	-4	1	30	12 88	0	0
9	468	14.680	95.5	69	1	1	30	12 88	0	0
10	469	14.289	95.6	70	39	1	30	12 88	0	0
11	470	13.892	95.8	71	13	1	30	12 88	0	0
12	471	13.454	95.7	72	7	1	30	12 88	0	0
13	472	13.038	95.9	73	-10	1	30	12 88	0	0
14	473	12.616	96.1	74	3	1	30	12 88	0	0
15	474	12.219	96.2	75	4	1	30	12 88	0	0
16	475	11.804	96.4	76	-4	1	30	12 68	0	0
17	476	11.444	96.6	77	10	1	30	12 68	0	0
18	477	10.997	95.6	78	-2	1	30	12 68	0	0
19	478	10.563	95.0	79	6	1	30	12 68	0	0
20	479	10.165	94.6	80	2	1	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 5
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	30.515	93.0	81	-31	30	12	68	1
2	431	30.095	93.5	82	--	2	30	12 68	0
3	432	29.629	94.0	83	19	2	30	12 68	0
4	443	25.369	97.5	84	-14	2	30	12 88	0
5	444	24.950	97.5	85	--		30	12 68	1
6	445	24.524	97.3	86	-4	2	30	12 68	0
7	446	24.054	96.9	87	-9	2	30	12 68	0
8	447	23.686	97.9	88	20	1	30	12 68	0
9	448	23.174	97.6	89	-4	2	30	12 68	0
10	449	22.376	97.1	90	10	2	30	12 88	0
11	450	21.913	96.8	91	10		30	12 88	1
12	451	21.452	96.4	92	-2		30	12 88	1
13	452	20.933	96.0	93	0	2	30	12 88	0
14	453	20.615	95.8	94	21		30	12 88	28
15	454	20.243	95.4	95	-5	2	30	12 88	0
16	455	19.897	95.1	96	-20	2	30	12 88	0
17	456	19.510	95.0	97	2	2	30	12 88	0
18	459	18.281	94.7	98	-18	2	30	12 88	0
19	458	18.691	94.7	99	18	2	30	12 68	0
20	457	19.094	94.8	100	12	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 1
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	29	27.734	274.6	1	16	2	30	12 88	0
2	27	49.864	90.0	2	5	1	30	12 88	0
3	401	36.844	86.3	3	8		30	12 88	1
4	402	36.204	85.5	4	-9	2	30	12 88	0
5	403	35.435	84.9	5	13	1	30	12 88	0
6	405	33.604	84.1	6	7	2	30	12 68	0
7	406	32.755	84.2	7	-7	3	30	12 68	0
8	407	31.893	84.7	8	10	2	30	12 68	0
9	408	30.827	84.7	9	24	2	30	12 48	0
10	409	29.981	84.9	10	-2	2	30	12 48	0
11	410	29.042	85.2	11	-35	1	30	12 48	0
12	411	27.623	85.6	12	13		30	12 48	1
13	412	26.878	85.9	13	3	2	30	12 48	0
14	413	26.136	86.5	14	-28	2	30	12 48	0
15	414	25.205	88.5	15	7	2	30	12 68	0
16	415	24.393	90.5	16	-7	2	30	12 68	0
17	416	23.517	92.3	17	24	2	30	12 68	0
18	417	22.654	92.6	18	25	2	30	12 88	0
19	418	21.848	92.3	19	49	2	30	12 88	0
20	419	21.148	92.2	20	-14	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 17 SHOT POINT 21 TEAM 6
SHOT TIME: 44: 5:33; 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	9.729	94.0	101	19	1	30	12 68	0
2	481	9.291	93.2	102	13	1	30	12 68	0
3	482	8.970	92.6	103	0	1	30	12 88	0
4	483	8.503	91.5	104	-4	1	30	12 88	0
5	484	20.092	23.5	105	29	1	30	12 88	0
6	485	7.360	89.9	106	-4	1	30	12 88	0
7	486	6.799	89.8	107	32	1	30	12 88	0
8	487	6.392	89.8	108	2	1	30	12 88	0
9	488	5.978	89.9	109	6	1	30	12 88	0
10	489	5.575	89.8	110	22	1	30	12 88	0
11	490	5.173	89.8	111	50	1	30	12 68	0
12	491	4.769	89.7	112	6	1	30	12 68	0
13	492	4.371	89.7	113	-14	1	30	12 68	0
14	493	3.976	89.7	114	1	1	30	12 68	0
15	494	3.569	89.7	115	7	1	30	12 68	0
16	495	3.175	90.0	116	14	3	30	12 68	0
17	496	2.763	89.5	117	-16	3	30	12 68	0
18	497	2.367	89.8	118	7	3	30	12 68	0
19	498	1.961	89.5	119	5	3	30	12 68	0
20	499	1.550	89.3	120	1	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 2
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	500	12.728	276.3	21	-19	1	30	12 88	0
2	501	13.132	276.1	22	11	1	30	12 88	0
3	502	13.504	275.7	23	27	2	30	12 88	0
4	503	13.968	275.4	24	-4	1	30	12 88	0
5	504	14.298	275.3	25	6		30	12 88	1
6	505	14.710	275.3	26	2	1	30	12 88	0
7	506	15.108	275.1	27	-80	2	30	12 88	0
8	507	15.506	275.0	28	12	2	30	12 88	0
9	508	15.912	274.8	29	5	2	30	12 68	0
10	509	16.317	274.7	30	5		30	12 68	1
11	510	16.690	274.7	31	7	1	30	12 68	0
12	511	17.120	274.5	32	34	2	30	12 68	0
13	512	17.507	274.5	33	43	2	30	12 68	0
14	513	17.899	274.3	34	13	2	30	12 68	0
15	514	18.298	274.3	35	-33	1	30	12 68	0
16	515	18.736	274.5	36	3	2	30	12 68	0
17	516	19.140	274.1	37	5	2	30	12 68	0
18	517	19.550	274.0	38	3	2	30	12 68	0
19	518	19.937	273.9	39	0	2	30	12 68	0
20	519	20.485	278.6	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 3
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	20.346	92.9	41	-18	2	30	12 88	0
2	421	20.220	91.8	42	10	2	30	12 88	0
3	422	19.822	91.6	43	8	2	30	12 88	0
4	423	19.476	91.5	44	10	2	30	12 88	0
5	424	19.031	91.3	45	0	2	30	12 88	0
6	425	18.622	91.1	46	5	2	30	12 68	0
7	426	18.156	90.9	47	-8	2	30	12 48	0
8	427	17.797	90.7	48	-4	2	30	12 48	0
9	428	17.387	90.6	49	13	2	30	12 48	0
10	429	17.041	90.3	50	-31	2	30	12 48	0
11	433	15.330	93.4	51	9	2	30	12 48	0
12	434	14.973	94.2	52	-20	2	30	12 68	0
13	435	14.528	95.2	53	8	2	30	12 68	0
14	436	14.232	96.0	54	-7	2	30	12 88	0
15	437	13.837	97.0	55	6	2	30	12 88	0
16	438	13.420	98.0	56	22	2	30	12 88	0
17	439	13.078	98.5	57	9	2	30	12 88	0
18	440	12.698	99.0	58	16	2	30	12 88	0
19	441	12.281	99.5	59	-2	2	30	12 68	0
20	442	11.907	99.6	60	-7	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 4
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	3.998	93.0	61	12	1	30	12 68	0
2	461	3.613	92.6	62	3	1	30	12 68	0
3	462	3.238	92.0	63	7	1	30	12 68	0
4	463	2.878	91.6	64	11	3	30	12 68	0
5	464	2.472	92.0	65	-4	3	30	12 68	0
6	465	2.004	92.2	66	6	3	30	12 88	0
7	466	1.603	92.2	67	-5	3	30	12 88	0
8	467	1.202	92.4	68	-4	1	30	12 88	0
9	468	0.795	93.1	69	1	1	30	12 88	0
10	469	0.405	92.9	70	39	3	30	12 88	0
11	470	0.022	167.5	71	13	3	30	12 88	0
12	471	0.432	273.3	72	7	1	30	12 88	0
13	472	0.849	272.8	73	-10	1	30	12 88	0
14	473	1.272	271.8	74	3	2	30	12 88	0
15	474	1.670	271.9	75	4	1	30	12 88	0
16	475	2.087	271.8	76	-4	1	30	12 68	0
17	476	2.450	271.4	77	10	1	30	12 68	0
18	477	2.888	275.9	78	-2	1	30	12 68	0
19	478	3.325	277.8	79	6	1	30	12 68	0
20	479	3.727	278.7	80	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 5
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	16.659	90.8	81	-31		30	12 68	1
2	431	16.230	91.6	82	--	2	30	12 68	0
3	432	15.755	92.5	83	19	2	30	12 68	0
4	443	11.500	99.8	84	-14	2	30	12 88	0
5	444	11.079	99.7	85	--		30	12 68	1
6	445	10.652	99.5	86	-4	2	30	12 68	0
7	446	10.176	98.7	87	-9	1	30	12 68	0
8	447	9.825	101.0	88	20	2	30	12 68	0
9	448	9.308	100.6	89	-4	2	30	12 68	0
10	449	8.502	99.5	90	10	2	30	12 88	0
11	450	8.034	98.7	91	10		30	12 88	1
12	451	7.570	97.8	92	-2		30	12 88	1
13	452	7.049	96.6	93	0	2	30	12 88	0
14	453	6.730	95.9	94	21		30	12 88	28
15	454	6.359	94.7	95	-5	1	30	12 88	0
16	455	6.014	93.9	96	-20	1	30	12 88	0
17	456	5.629	93.3	97	2	1	30	12 88	0
18	459	4.405	91.6	98	-18	1	30	12 88	0
19	458	4.814	91.9	99	18	1	30	12 68	0
20	457	5.214	92.6	100	12	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 18 SHOT POINT 22 TEAM 6
SHOT TIME: 44: 5:35; 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	4.170	279.6	101	19	1	30	12 68	0
2	481	4.619	280.6	102	13	1	30	12 68	0
3	482	4.951	281.3	103	0	1	30	12 88	0
4	483	5.441	282.2	104	-4	1	30	12 88	0
5	484	20.627	283.7	105	29	1	30	12 88	0
6	485	6.603	282.1	106	-4	1	30	12 88	0
7	486	7.153	281.2	107	32	2	30	12 88	0
8	487	7.555	280.6	108	2	1	30	12 88	0
9	488	7.960	280.0	109	6	1	30	12 88	0
10	489	8.359	279.6	110	22	1	30	12 88	0
11	490	8.755	279.1	111	50	1	30	12 68	0
12	491	9.154	278.8	112	6	1	30	12 68	0
13	492	9.549	278.4	113	-14	1	30	12 68	0
14	493	9.939	278.1	114	1	1	30	12 68	0
15	494	10.341	277.7	115	7	2	30	12 68	0
16	495	10.730	277.4	116	14	1	30	12 68	0
17	496	11.142	277.2	117	-16	1	30	12 68	0
18	497	11.533	276.9	118	7	1	30	12 68	0
19	498	11.937	276.7	119	5	1	30	12 68	0
20	499	12.346	276.5	120	1	2	30	12 88	21

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 1
SHOT TIME: 44: 5:37: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	29	41.141	275.7	1	16	2	30	12 88	0
2	27	36.625	87.1	2	5	1	30	12 88	0
3	401	23.859	79.8	3	8		30	12 88	1
4	402	23.285	78.4	4	-9	1	30	12 88	0
5	403	22.569	77.2	5	13	3	30	12 88	0
6	405	20.830	75.2	6	7	1	30	12 68	0
7	406	19.978	75.1	7	-7	1	30	12 68	0
8	407	19.088	75.4	8	10	1	30	12 68	0
9	408	18.032	74.9	9	25	2	30	12 48	0
10	409	17.178	74.8	10	-2	2	30	12 48	0
11	410	16.233	74.6	11	-35	2	30	12 48	0
12	411	14.795	74.5	12	13	3	30	12 48	1
13	412	14.042	74.4	13	3	1	30	12 48	0
14	413	13.256	74.9	14	-28	1	30	12 48	0
15	414	12.172	78.1	15	7	1	30	12 68	0
16	415	11.225	81.5	16	-7	1	30	12 68	0
17	416	10.251	84.8	17	24	1	30	12 68	0
18	417	9.378	84.9	18	25	1	30	12 88	0
19	418	8.595	83.5	19	49	1	30	12 88	0
20	419	7.915	82.3	20	-14	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 2
SHOT TIME: 44: 5:37: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	500	26.146	277.1	21	-19	2	30	12 88	0
2	501	26.550	277.0	22	11	2	30	12 88	0
3	502	26.920	276.8	23	27	2	30	12 88	0
4	503	27.382	276.7	24	-4	2	30	12 88	0
5	504	27.712	276.6	25	6		30	12 88	1
6	505	28.124	276.5	26	2	2	30	12 88	0
7	506	28.520	276.4	27	-80	2	30	12 88	0
8	507	28.918	276.3	28	12	2	30	12 88	0
9	508	29.322	276.3	29	6	2	30	12 68	0
10	509	29.727	276.2	30	5		30	12 68	1
11	510	30.100	276.1	31	7	2	30	12 68	0
12	511	30.528	276.0	32	35	2	30	12 68	0
13	512	30.915	276.0	33	43	2	30	12 68	0
14	513	31.306	275.9	34	13	2	30	12 68	0
15	514	31.704	275.8	35	-33	2	30	12 68	0
16	515	32.144	275.9	36	3	2	30	12 68	0
17	516	32.544	275.7	37	5	2	30	12 68	0
18	517	32.953	275.6	38	3	2	30	12 68	0
19	518	33.340	275.5	39	0	2	30	12 68	0
20	519	33.905	278.3	40	6	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 3
SHOT TIME: 44: 5:37: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	420	7.079	83.2	41	-18	1	30	12 88	0
2	421	7.027	80.0	42	10	1	30	12 88	0
3	422	6.651	78.8	43	8	1	30	12 88	0
4	423	6.326	77.7	44	10	1	30	12 88	0
5	424	5.913	76.0	45	0	1	30	12 68	0
6	425	5.535	74.3	46	5	1	30	12 68	0
7	426	5.114	72.0	47	-8	1	30	12 48	0
8	427	4.798	69.9	48	-4	3	30	12 48	0
9	428	4.428	67.7	49	13	3	30	12 48	0
10	429	4.150	64.7	50	-31	3	30	12 48	0
11	433	2.229	64.6	51	9	3	30	12 48	0
12	434	1.811	65.1	52	-20	3	30	12 68	0
13	435	1.292	65.6	53	8	3	30	12 68	0
14	436	0.942	66.4	54	-7	1	30	12 88	0
15	437	0.474	68.9	55	6	3	30	12 88	0
16	438	0.020	191.6	56	22	3	30	12 88	0
17	439	0.363	258.9	57	9	3	30	12 88	0
18	440	0.759	260.8	58	16	1	30	12 88	0
19	441	1.192	261.7	59	-2	1	30	12 68	0
20	442	1.558	265.1	60	-7	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 4
SHOT TIME: 44: 5:37: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	460	9.444	280.0	61	12	1	30	12 68	0
2	461	9.829	279.9	62	3	1	30	12 68	0
3	462	10.205	279.8	63	7	1	30	12 68	0
4	463	10.565	279.7	64	11	2	30	12 68	0
5	464	10.966	279.3	65	-4	1	30	12 68	0
6	465	11.428	279.0	66	6	1	30	12 88	0
7	466	11.827	278.7	67	-5	1	30	12 88	0
8	467	12.225	278.5	68	-4	1	30	12 88	0
9	468	12.628	278.3	69	1	1	30	12 88	0
10	469	13.018	278.1	70	39	1	30	12 88	0
11	470	13.413	277.9	71	13	1	30	12 88	0
12	471	13.851	277.8	72	7	1	30	12 88	0
13	472	14.266	277.6	73	-10	1	30	12 88	0
14	473	14.686	277.4	74	3	2	30	12 88	0
15	474	15.083	277.3	75	4	1	30	12 88	0
16	475	15.497	277.1	76	-4	1	30	12 68	0
17	476	15.857	276.9	77	10	1	30	12 68	0
18	477	16.307	277.6	78	-2	1	30	12 68	0
19	478	16.746	277.9	79	6	1	30	12 68	0
20	479	17.147	278.1	80	2	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 5
SHOT TIME: 44: 5:37: 0.009

SHOT TIME. 44. 01.59. 0.000										SHOT TIME. 44. 01.59. 0.000											
LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE		
									GRADE										GRADE		
1	430	3.739	64.2	81	-31		30	12	68	1	1	29	0.000	180.0	1	16	3	30	12	88	0
2	431	3.254	64.4	82	--	3	30	12	68	0	2	27	77.535	91.6	2	5	1	30	12	88	0
3	432	2.710	64.7	83	19	2	30	12	68	0	3	401	64.404	89.9	3	8		30	12	88	1
4	443	1.961	267.2	84	-14	1	30	12	88	0	4	402	63.733	89.4	4	-9	1	30	12	88	0
5	444	2.371	269.8	85	--		30	12	68	1	5	403	62.940	89.2	5	13	2	30	12	88	0
6	445	2.788	272.0	86	-4	1	30	12	68	0	6	405	61.074	88.8	6	7	2	30	12	68	0
7	446	3.248	275.8	87	-9	1	30	12	68	0	7	406	60.236	89.0	7	-7	1	30	12	68	0
8	447	3.647	269.8	88	20	1	30	12	68	0	8	407	59.396	89.3	8	10	2	30	12	68	0
9	448	4.145	272.0	89	-4	1	30	12	68	0	9	408	58.336	89.4	9	25	2	30	12	48	0
10	449	4.928	275.2	90	10	1	30	12	88	0	10	409	57.503	89.6	10	-2	2	30	12	48	0
11	450	5.388	276.8	91	10		30	12	88	1	11	410	56.577	89.8	11	-35	2	30	12	48	0
12	451	5.851	278.1	92	-2		30	12	88	1	12	411	55.182	90.1	12	13		30	12	48	1
13	452	6.376	279.4	93	0	1	30	12	88	0	13	412	54.449	90.3	13	3	2	30	12	48	0
14	453	6.699	280.0	94	21		30	12	88	28	14	413	53.731	90.7	14	-28	2	30	12	48	0
15	454	7.081	280.9	95	-5	1	30	12	88	0	15	414	52.861	91.7	15	7	2	30	12	68	0
16	455	7.433	281.2	96	-20	1	30	12	88	0	16	415	52.091	92.7	16	-7		30	12	68	1
17	456	7.824	281.3	97	2	1	30	12	88	0	17	416	51.239	93.5	17	24	2	30	12	68	0
18	459	9.056	281.0	98	-19	1	30	12	88	0	18	417	50.379	93.7	18	25	2	30	12	88	0
19	458	8.648	281.3	99	18	1	30	12	68	0	19	418	49.571	93.6	19	49	2	30	12	88	0
20	457	8.243	281.3	100	12	1	30	12	68	0	20	419	48.870	93.5	20	-14	2	30	12	88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 1
SHOT TIME: 44: 5:39: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	29	0.000	180.0	1	16	3	30	12 88	0
2	27	77.535	91.6	2	5	1	30	12 88	0
3	401	64.404	89.9	3	8		30	12 88	1
4	402	63.733	89.4	4	-9	1	30	12 88	0
5	403	62.940	89.2	5	13	2	30	12 88	0
6	405	61.074	88.8	6	7	2	30	12 68	0
7	406	60.236	89.0	7	-7	1	30	12 68	0
8	407	59.396	89.3	8	10	2	30	12 68	0
9	408	58.336	89.4	9	25	2	30	12 48	0
10	409	57.503	89.6	10	-2	2	30	12 48	0
11	410	56.577	89.8	11	-35	2	30	12 48	0
12	411	55.182	90.1	12	13		30	12 48	1
13	412	54.449	90.3	13	3	2	30	12 48	0
14	413	53.731	90.7	14	-28	2	30	12 48	0
15	414	52.861	91.7	15	7	2	30	12 68	0
16	415	52.091	92.7	16	-7		30	12 68	1
17	416	51.239	93.5	17	24	2	30	12 68	0
18	417	50.379	93.7	18	25	2	30	12 88	0
19	418	49.571	93.6	19	49	2	30	12 88	0
20	419	48.870	93.5	20	-14	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 19 SHOT POINT 24 TEAM 6
SHOT TIME: 44: 5:37: 0.009

CROD. FILE: 44. 0.000										CROD. FILE: 44. 0.000											
LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE		
									GRADE										GRADE		
1	480	17.589	278.3	101	19	2	30	12	68	0	1	500	15.016	93.2	21	1	30	12	88	0	
2	481	18.036	278.6	102	13	2	30	12	68	0	2	501	14.610	93.2	22	1	30	12	88	0	
3	482	18.366	278.8	103	0	1	30	12	88	0	3	502	14.236	93.5	23	2	30	12	88	0	
4	483	18.850	279.2	104	-4	1	30	12	88	0	4	503	13.770	93.7	24	1	30	12	88	0	
5	484	28.852	318.6	105	29	1	30	12	88	0	5	504	13.439	93.8	25	6	30	12	88	1	
6	485	20.012	279.3	106	-4	2	30	12	88	0	6	505	13.026	93.8	26	1	30	12	88	0	
7	486	20.568	279.1	107	32	2	30	12	88	0	7	506	12.628	94.0	27	-80	1	30	12	88	0
8	487	20.970	278.9	108	2	2	30	12	88	0	8	507	12.229	94.1	28	12	1	30	12	88	0
9	488	21.378	278.7	109	6	1	30	12	88	0	9	508	11.823	94.2	29	6	2	30	12	68	0
10	489	21.777	278.6	110	22	1	30	12	88	0	10	509	11.418	94.4	30	5	30	12	68	1	
11	490	22.174	278.4	111	50	1	30	12	68	0	11	510	11.044	94.4	31	7	1	30	12	68	0
12	491	22.574	278.3	112	6	2	30	12	68	0	12	511	10.615	94.7	32	35	1	30	12	68	0
13	492	22.969	278.1	113	-14	2	30	12	68	0	13	512	10.227	94.7	33	43	1	30	12	68	0
14	493	23.360	278.0	114	1	2	30	12	68	0	14	513	9.836	95.0	34	13	1	30	12	68	0
15	494	23.762	277.8	115	7	2	30	12	68	0	15	514	9.437	95.2	35	-33	1	30	12	68	0
16	495	24.151	277.7	116	14	1	30	12	68	0	16	515	8.998	94.7	36	3	1	30	12	68	0
17	496	24.562	277.6	117	-16	1	30	12	68	0	17	516	8.597	95.7	37	5	1	30	12	68	0
18	497	24.953	277.5	118	7	1	30	12	68	0	18	517	8.188	96.0	38	3	1	30	12	68	0
19	498	25.357	277.4	119	5	2	30	12	68	0	19	518	7.802	96.2	39	0	1	30	12	68	0
20	499	25.765	277.2	120	1	2	30	12	88	0	20	519	7.438	83.4	40	6	1	30	12	68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 2
SHOT TIME: 44: 5:39: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	500	15.016	93.2	21	-19	1	30	12 88	0
2	501	14.610	93.2	22	11	1	30	12 88	0
3	502	14.236	93.5	23	27	2	30	12 88	0
4	503	13.770	93.7	24	-4	1	30	12 88	0
5	504	13.439	93.8	25	6		30	12 88	1
6	505	13.026	93.8	26	2	1	30	12 88	0
7	506	12.628	94.0	27	-80	1	30	12 88	0
8	507	12.229	94.1	28	12	1	30	12 88	0
9	508	11.823	94.2	29	6	2	30	12 68	0
10	509	11.418	94.4	30	5		30	12 68	1
11	510	11.044	94.4	31	7	1	30	12 68	0
12	511	10.615	94.7	32	35	1	30	12 68	0
13	512	10.227	94.7	33	43	1	30	12 68	0
14	513	9.836	95.0	34	13	1	30	12 68	0
15	514	9.437	95.2	35	-33	1	30	12 68	0
16	515	8.998	94.7	36	3	1	30	12 68	0
17	516	8.597	95.7	37	5	1	30	12 68	0
18	517	8.188	96.0	38	3	1	30	12 68	0
19	518	7.802	96.2	39	0	1	30	12 68	0
20	519	7.438	83.4	40	6	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 3
SHOT TIME: 44: 5:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	420	48.074	93.9	41	-18	2	30	12 88	0
2	421	47.939	93.4	42	10	2	30	12 88	0
3	422	47.540	93.4	43	8	2	30	12 88	0
4	423	47.192	93.3	44	10	2	30	12 88	0
5	424	46.744	93.2	45	0	2	30	12 68	0
6	425	46.334	93.2	46	5	2	30	12 68	0
7	426	45.865	93.1	47	-8	2	30	12 48	0
8	427	45.504	93.1	48	-4	2	30	12 48	0
9	428	45.093	93.0	49	13	2	30	12 48	0
10	429	44.744	92.9	50	-31	2	30	12 48	0
11	433	43.062	94.1	51	9	2	30	12 48	0
12	434	42.707	94.4	52	-20	2	30	12 68	0
13	435	42.263	94.8	53	8	2	30	12 68	0
14	436	41.964	95.1	54	-7	2	30	12 88	0
15	437	41.564	95.4	55	6	2	30	12 88	0
16	438	41.139	95.7	56	22	2	30	12 88	0
17	439	40.793	95.8	57	9	2	30	12 88	0
18	440	40.408	96.0	58	16	2	30	12 88	0
19	441	39.986	96.1	59	-2	2	30	12 68	0
20	442	39.611	96.1	60	-7	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 5
SHOT TIME: 44: 5:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	430	44.369	93.2	81	-31		30	12 68	1
2	431	43.949	93.5	82	--	2	30	12 68	0
3	432	43.483	93.8	83	19	2	30	12 68	0
4	443	39.203	96.1	84	-14	2	30	12 88	0
5	444	38.784	96.0	85	--		30	12 68	1
6	445	38.360	95.9	86	-4	2	30	12 68	0
7	446	37.893	95.7	87	-10	2	30	12 68	0
8	447	37.516	96.3	88	20	2	30	12 68	0
9	448	37.006	96.1	89	-4	2	30	12 68	0
10	449	36.214	95.7	90	10	2	30	12 88	0
11	450	35.754	95.5	91	10		30	12 88	1
12	451	35.296	95.3	92	-2		30	12 88	1
13	452	34.780	95.0	93	0	2	30	12 88	0
14	453	34.463	94.8	94	21		30	12 88	28
15	454	34.093	94.6	95	-5	2	30	12 88	0
16	455	33.748	94.5	96	-20	2	30	12 88	0
17	456	33.362	94.4	97	2	2	30	12 88	0
18	459	32.134	94.2	98	-19	2	30	12 88	0
19	458	32.544	94.2	99	18	2	30	12 68	0
20	457	32.946	94.3	100	12	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 4
SHOT TIME: 44: 5:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	460	31.731	94.4	61	12	2	30	12 68	0
2	461	31.346	94.4	62	3	2	30	12 68	0
3	462	30.970	94.3	63	7	2	30	12 68	0
4	463	30.609	94.3	64	11	2	30	12 68	0
5	464	30.203	94.4	65	-4	2	30	12 68	0
6	465	29.737	94.4	66	6	2	30	12 88	0
7	466	29.336	94.5	67	-5	2	30	12 88	0
8	467	28.936	94.5	68	-4	1	30	12 88	0
9	468	28.530	94.5	69	1	2	30	12 88	0
10	469	28.139	94.6	70	39	2	30	12 88	0
11	470	27.741	94.6	71	13	2	30	12 88	0
12	471	27.303	94.6	72	7	2	30	12 88	0
13	472	26.886	94.6	73	-10	2	30	12 88	0
14	473	26.464	94.7	74	3	2	30	12 88	0
15	474	26.067	94.8	75	4	1	30	12 88	0
16	475	25.651	94.8	76	-4	1	30	12 68	0
17	476	25.289	94.9	77	10	2	30	12 68	0
18	477	24.848	94.4	78	-2	2	30	12 68	0
19	478	24.415	94.1	79	6	2	30	12 68	0
20	479	24.018	93.9	80	2	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 20 SHOT POINT 29 TEAM 6
SHOT TIME: 44: 5:39; 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	480	23.583	93.7	101	19	2	30	12 68	0
2	481	23.145	93.4	102	13	2	30	12 68	0
3	482	22.823	93.1	103	0	2	30	12 88	0
4	483	22.353	92.7	104	-4	2	30	12 88	0
5	484	28.026	51.1	105	29	1	30	12 88	0
6	485	21.204	92.3	106	-4	2	30	12 88	0
7	486	20.643	92.3	107	32	2	30	12 88	0
8	487	20.236	92.3	108	2	2	30	12 88	0
9	488	19.823	92.4	109	6	2	30	12 88	0
10	489	19.421	92.4	110	22	1	30	12 88	0
11	490	19.019	92.5	111	50	1	30	12 68	0
12	491	18.616	92.5	112	6	1	30	12 68	0
13	492	18.217	92.6	113	-14	1	30	12 68	0
14	493	17.823	92.6	114	1	1	30	12 68	0
15	494	17.417	92.7	115	7	2	30	12 68	0
16	495	17.024	92.8	116	14	1	30	12 68	0
17	496	16.612	92.8	117	-16	1	30	12 68	0
18	497	16.217	92.9	118	7	1	30	12 68	0
19	498	15.811	93.0	119	5	2	30	12 68	0
20	499	15.400	93.1	120	1	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 1
SHOT TIME: 47: 3:31; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	47.091	167.1	1	15	2	30	12 88	0
2	9	54.894	167.1	2	1	2	30	12 88	0
3	284	39.888	162.2	3	10	2	30	12 88	0
4	283	40.186	162.4	4	-19	2	30	12 88	0
5	282	40.576	162.6	5	13	3	30	12 88	1
6	281	40.997	162.9	6	7	2	30	12 88	0
7	13	21.317	135.2	7	-8	2	30	12 88	0
8	10	26.625	57.8	8	6	3	30	12 88	6
9	29	37.829	193.6	9	14	1	30	12 88	0
10	5	13.714	168.8	10	-6	2	30	12 88	0
11	41	8.396	341.5	11	-37	1	30	12 88	0
12	384	16.473	86.4	12	11	1	30	12 88	0
13	385	16.460	85.1	13	2	2	30	12 88	0
14	386	16.725	84.1	14	-29	2	30	12 68	0
15	387	16.584	82.6	15	4	2	30	12 68	0
16	388	16.687	81.6	16	-7	2	30	12 48	0
17	86	27.387	119.5	17	22	2	30	12 48	0
18	87	25.863	117.0	18	-21	2	30	12 48	0
19	88	24.477	114.0	19	54	2	30	12 48	0
20	89	23.660	111.5	20	-13	2	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 3
SHOT TIME: 47: 3:31; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	21.284	134.5	41	-23	2	30	12 88	0
2	343	21.613	135.2	42	7	2	30	12 88	0
3	342	21.892	135.9	43	4	2	30	12 88	0
4	341	22.192	136.6	44	7	2	30	12 88	0
5	340	22.498	137.3	45	0	2	30	12 88	0
6	339	22.807	138.0	46	18	2	30	12 88	0
7	338	23.133	138.6	47	-3	2	30	12 68	0
8	337	23.467	139.7	48	0	2	30	12 68	21
9	336	23.793	140.3	49	7	2	30	12 68	0
10	335	24.090	140.9	50	-2	2	30	12 68	0
11	334	24.382	141.3	51	--	2	30	12 68	0
12	333	24.710	141.5	52	-18	2	30	12 68	0
13	332	25.091	142.1	53	7	2	30	12 68	0
14	331	25.394	142.7	54	-8	2	30	12 88	0
15	330	25.704	143.3	55	-4	2	30	12 88	0
16	329	26.013	143.9	56	17	2	30	12 88	0
17	328	26.319	144.4	57	5	2	30	12 88	0
18	327	26.663	145.0	58	13	2	30	12 88	0
19	326	26.885	145.3	59	-3	2	30	12 88	0
20	325	27.234	145.9	60	-6	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 2
SHOT TIME: 47: 3:31; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	16.645	115.3	21	-13	2	30	12 88	0
2	362	16.610	116.8	22	10	2	30	12 88	0
3	361	16.595	118.3	23	19	1	30	12 88	0
4	360	16.577	119.7	24	-5	1	30	12 88	0
5	359	16.550	121.0	25	-3	2	30	12 88	0
6	358	16.693	122.3	26	3	2	30	12 68	0
7	357	17.234	123.1	27	5	2	30	12 68	0
8	356	17.562	124.2	28	-90	2	30	12 68	0
9	355	17.766	125.3	29	11	2	30	12 68	0
10	354	17.935	126.7	30	6	2	30	12 68	0
11	353	18.242	127.8	31	6	1	30	12 48	0
12	352	18.602	128.2	32	19	2	30	12 68	0
13	351	18.999	129.3	33	36	2	30	12 68	3
14	350	19.298	129.9	34	9	2	30	12 68	0
15	183	19.435	130.9	35	-34	2	30	12 68	0
16	349	19.769	130.8	36	0	2	30	12 68	0
17	348	20.057	131.6	37	4	2	30	12 68	0
18	347	20.357	132.4	38	3	2	30	12 88	0
19	346	20.655	133.1	39	0	2	30	12 88	0
20	345	20.971	133.8	40	6	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 4
SHOT TIME: 47: 3:31; 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	33.339	154.3	61	3	1	30	12 68	0
2	306	32.992	154.0	62	-2	2	30	12 88	9
3	307	32.626	153.6	63	7	2	30	12 88	9
4	311	32.486	153.4	64	21	2	30	12 88	0
5	308	32.309	153.2	65	-7	2	30	12 88	6
6	309	31.958	152.8	66	3	2	30	12 88	0
7	310	31.628	152.4	67	-10	2	30	12 68	0
8	312	30.999	152.8	68	-6	2	30	12 68	9
9	313	30.743	152.2	69	1	2	30	12 48	9
10	314	30.475	151.6	70	44	2	30	12 48	9
11	315	30.216	151.0	71	6	2	30	12 48	1
12	316	29.978	150.4	72	28	2	30	12 48	0
13	317	29.795	149.9	73	-8	2	30	12 48	9
14	318	29.556	149.3	74	1	2	30	12 48	0
15	319	29.314	148.7	75	2	2	30	12 48	0
16	320	29.097	148.1	76	2	2	30	12 48	8
17	321	28.848	147.4	77	6	2	30	12 48	0
18	322	28.625	146.7	78	0	2	30	12 48	0
19	323	27.858	146.9	79	7	2	30	12 68	0
20	324	27.547	146.4	80	12	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 5
SHOT TIME: 47: 3:31: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	285	39.526	162.0	81	-28	30	12	88	6	0
2	286	39.107	161.7	82	-7	2	30	12	88	0
3	287	38.739	161.5	83	20	2	30	12	88	0
4	288	38.346	161.3	84	-16	2	30	12	88	0
5	289	37.950	161.2	85	0	2	30	12	88	0
6	290	37.547	161.1	86	-2	2	30	12	88	0
7	291	37.232	160.7	87	10	2	30	12	88	0
8	292	36.937	160.3	88	22	2	30	12	88	0
9	293	36.665	159.8	89	-2	2	30	12	88	0
10	294	36.373	159.4	90	10	2	30	12	88	0
11	295	36.114	158.9	91	18	2	30	12	88	0
12	296	35.823	158.4	92	0	2	30	12	88	1
13	297	35.549	158.0	93	-3	2	30	12	88	0
14	298	35.276	157.4	94	-104	2	30	12	88	0
15	299	35.006	157.0	95	0	1	30	12	88	0
16	300	34.713	156.5	96	-21	1	30	12	88	0
17	301	34.457	156.0	97	-3	1	30	12	88	0
18	302	34.200	155.5	98	-17	1	30	12	88	0
19	303	33.940	155.0	99	18	1	30	12	88	0
20	304	33.594	154.6	100	13	30	12	88	1	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 21 SHOT POINT 19 TEAM 6
SHOT TIME: 47: 3:31: 0.010

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	363	16.462	88.8	101	17	2	30	12	88	0
2	362	16.509	90.2	102	12	2	30	12	88	0
3	361	16.542	90.8	103	-6	2	30	12	88	0
4	360	16.516	93.0	104	-2	2	30	12	88	0
5	379	16.558	94.3	105	24	1	30	12	88	0
6	378	16.507	95.7	106	-9	1	30	12	88	0
7	377	16.408	97.4	107	18	1	30	12	88	0
8	376	16.349	98.4	108	-3	1	30	12	88	0
9	375	16.304	99.9	109	6	1	30	12	88	0
10	374	16.044	102.0	110	21	1	30	12	88	0
11	373	16.052	103.0	111	8	1	30	12	88	0
12	372	15.783	104.1	112	1	3	30	12	88	0
13	371	15.853	105.2	113	-14	2	30	12	88	0
14	370	15.704	106.7	114	-2	2	30	12	88	0
15	369	15.690	108.1	115	4	1	30	12	88	0
16	368	15.956	109.5	116	10	2	30	12	88	0
17	367	16.089	110.8	117	-18	2	30	12	88	0
18	366	16.287	112.1	118	3	1	30	12	88	0
19	365	16.423	113.3	119	4	2	30	12	88	0
20	364	16.634	113.6	120	0	2	30	12	88	21

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 22 SHOT POINT 11 TEAM 3
SHOT TIME: 47: 3:33; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	15.273	184.9	41	-23	1	30	12 88	0
2	343	15.676	184.6	42	7	1	30	12 88	0
3	342	16.072	184.5	43	4		30	12 88	6
4	341	16.467	184.3	44	7	1	30	12 88	0
5	340	16.867	184.2	45	0	1	30	12 88	0
6	339	17.272	184.0	46	18	1	30	12 88	0
7	338	17.683	183.8	47	-3	1	30	12 68	0
8	337	18.238	184.1	48	0		30	12 68	21
9	336	18.650	184.0	49	7	1	30	12 68	0
10	335	19.037	183.9	50	-2	1	30	12 68	0
11	334	19.356	183.7	51	--	1	30	12 68	0
12	333	19.667	183.2	52	-18	1	30	12 68	0
13	332	20.129	183.1	53	7	1	30	12 68	0
14	331	20.530	183.1	54	-8	1	30	12 88	0
15	330	20.932	183.1	55	-4	1	30	12 88	0
16	329	21.335	183.1	56	17	1	30	12 88	0
17	328	21.736	183.1	57	5	1	30	12 88	0
18	327	22.170	183.1	58	13	2	30	12 88	0
19	326	22.424	183.0	59	-3	2	30	12 88	0
20	325	22.873	183.0	60	-6	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 22 SHOT POINT 11 TEAM 4
SHOT TIME: 47: 3:33; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	30.414	183.9	61	3	1	30	12 68	0
2	306	30.010	183.9	62	-2	2	30	12 88	0
3	307	29.581	183.8	63	7	2	30	12 88	0
4	311	29.413	183.8	64	21	2	30	12 88	0
5	308	29.205	183.8	65	-7	2	30	12 88	0
6	309	28.788	183.8	66	3	2	30	12 88	0
7	310	28.396	183.8	67	-10	2	30	12 68	0
8	312	27.953	184.7	68	-6	2	30	12 68	0
9	313	27.568	184.5	69	1	2	30	12 48	0
10	314	27.177	184.2	70	44	2	30	12 48	0
11	315	26.787	184.0	71	6		30	12 48	1
12	316	26.413	183.7	72	28	2	30	12 48	0
13	317	26.126	183.4	73	-8	2	30	12 48	0
14	318	25.747	183.1	74	1	2	30	12 48	0
15	319	25.367	182.8	75	2	3	30	12 48	0
16	320	25.017	182.5	76	2	1	30	12 48	0
17	321	24.611	182.2	77	6	2	30	12 48	0
18	322	24.240	181.9	78	0	2	30	12 48	0
19	323	23.668	183.1	79	8	1	30	12 68	0
20	324	23.269	183.1	80	12		30	12 68	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 22 SHOT POINT 11 TEAM 5
SHOT TIME: 47: 3:33; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	38.134	186.5	81	-28		30	12 88	6
2	286	37.668	186.5	82	-7	2	30	12 88	0
3	287	37.277	186.5	83	20	2	30	12 88	0
4	288	36.866	186.6	84	-16	2	30	12 88	0
5	289	36.465	186.7	85	0	2	30	12 88	0
6	290	36.064	186.9	86	-2	2	30	12 88	0
7	291	35.684	186.8	87	10	2	30	12 88	0
8	292	35.289	186.5	88	22	2	30	12 88	0
9	293	34.922	186.3	89	-2	2	30	12 68	0
10	294	34.531	186.1	90	10	2	30	12 68	0
11	295	34.170	185.9	91	18		30	12 68	1
12	296	33.776	185.7	92	0	2	30	12 68	0
13	297	33.401	185.5	93	-3	2	30	12 68	0
14	298	33.006	185.2	94	-104		30	12 68	1
15	299	32.636	184.9	95	0	1	30	12 88	0
16	300	32.238	184.7	96	-21	2	30	12 88	0
17	301	31.871	184.5	97	-3	1	30	12 88	0
18	302	31.495	184.2	98	-17	1	30	12 88	0
19	303	31.120	183.9	99	18	1	30	12 88	0
20	304	30.718	183.9	100	13		30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 22 SHOT POINT 11 TEAM 6
SHOT TIME: 47: 3:33; 0.016

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	0.056	350.2	101	17	3	30	12 88	0
2	382	0.354	173.5	102	12	3	30	12 88	0
3	381	0.532	172.2	103	-6	3	30	12 88	0
4	380	1.171	178.9	104	-2	3	30	12 88	0
5	379	1.541	178.5	105	24	3	30	12 88	0
6	378	1.946	181.4	106	-9	3	30	12 68	0
7	377	2.406	184.7	107	18	3	30	12 68	0
8	376	2.700	186.3	108	-3	3	30	12 68	0
9	375	3.117	187.5	109	6	3	30	12 68	0
10	374	3.699	192.1	110	21	3	30	12 68	0
11	373	3.986	192.0	111	8	3	30	12 68	0
12	372	4.292	195.7	112	1	3	30	12 68	0
13	371	4.615	194.8	113	-14	3	30	12 68	0
14	370	5.015	196.6	114	-2	3	30	12 68	0
15	369	5.411	196.8	115	4	3	30	12 88	0
16	368	5.806	194.3	116	10	3	30	12 88	0
17	367	6.176	193.4	117	-18	3	30	12 88	0
18	366	6.561	192.2	118	3	3	30	12 88	0
19	365	6.941	191.6	119	4	3	30	12 88	0
20	364	7.074	190.1	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 23 SHOT POINT 8 TEAM 1

SHOT TIME: 47: 3:35; 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	0.000	180.0	1	15	3	30	12 88	0
2	9	7.803	167.4	2	1	1	30	12 88	0
3	284	8.100	12.0	3	10	1	30	12 88	0
4	283	7.763	12.1	4	-19	1	30	12 88	0
5	282	7.352	12.6	5	13	1	30	12 88	1
6	281	6.898	13.1	6	7	1	30	12 88	0
7	13	31.100	8.4	7	-8	1	30	12 88	0
8	10	61.305	11.4	8	6	1	30	12 88	0
9	29	21.482	295.2	9	14	1	30	12 88	0
10	5	33.385	346.4	10	-7	2	30	12 88	0
11	41	55.453	346.3	11	-37	1	30	12 48	0
12	384	47.326	7.3	12	11	1	30	12 88	0
13	385	47.680	7.2	13	2	1	30	12 88	0
14	386	48.022	7.4	14	-29	1	30	12 68	0
15	387	48.408	7.1	15	4	2	30	12 68	0
16	388	48.724	7.1	16	-7	3	30	12 48	0
17	86	35.089	22.4	17	22	1	30	12 48	0
18	87	36.419	20.2	18	-21	1	30	12 48	0
19	88	37.850	18.3	19	54	1	30	12 48	0
20	89	38.975	17.3	20	-13	1	30	12 48	0

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	31.336	8.6	41	-23	1	30	12 88	0
2	343	30.940	8.8	42	7	1	30	12 88	0
3	342	30.547	9.0	43	4	1	30	12 88	0
4	341	30.157	9.1	44	7	1	30	12 88	0
5	340	29.763	9.3	45	0	1	30	12 88	0
6	339	29.363	9.4	46	18	1	30	12 88	0
7	338	28.959	9.6	47	-3	1	30	12 68	0
8	337	28.399	9.5	48	0	1	30	12 68	21
9	336	27.993	9.7	49	7	1	30	12 68	0
10	335	27.610	9.8	50	-2	1	30	12 68	0
11	334	27.303	10.1	51	--	1	30	12 68	0
12	333	27.011	10.5	52	-18	1	30	12 68	0
13	332	26.559	10.7	53	7	1	30	12 68	0
14	331	26.161	10.8	54	-8	1	30	12 88	0
15	330	25.764	10.9	55	-4	1	30	12 88	0
16	329	25.364	11.0	56	17	1	30	12 88	0
17	328	24.966	11.2	57	5	1	30	12 88	0
18	327	24.537	11.3	58	13	1	30	12 88	0
19	326	24.291	11.5	59	-3	1	30	12 88	0
20	325	23.845	11.6	60	-6	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 23 SHOT POINT 8 TEAM 3

SHOT TIME: 47: 3:35; 0.018

NEVADA TEST SITE 1985

SHOT NUMBER 23 SHOT POINT 8 TEAM 2

SHOT TIME: 47: 3:35; 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	39.053	6.7	21	-13	1	30	12 88	0
2	362	38.655	6.5	22	10	1	30	12 88	0
3	361	38.269	6.2	23	19	1	30	12 88	0
4	360	37.905	6.0	24	-5	1	30	12 88	0
5	359	37.577	5.7	25	-3	1	30	12 88	0
6	358	37.161	5.6	26	3	1	30	12 68	0
7	357	36.713	6.2	27	5	1	30	12 68	0
8	356	36.269	6.4	28	-91	1	30	12 68	3
9	355	35.861	6.4	29	11	2	30	12 68	0
10	354	35.401	6.3	30	6	1	30	12 68	0
11	353	34.943	6.5	31	6	1	30	12 48	0
12	352	34.638	6.9	32	19	1	30	12 68	3
13	351	34.140	7.1	33	36	1	30	12 68	0
14	350	33.792	7.3	34	9	1	30	12 68	0
15	183	33.446	7.2	35	-34	1	30	12 68	0
16	349	33.287	7.8	36	0	1	30	12 68	0
17	348	32.900	7.9	37	4	1	30	12 68	0
18	347	32.513	8.1	38	3	2	30	12 88	0
19	346	32.120	8.2	39	0	1	30	12 88	0
20	345	31.730	8.4	40	6	1	30	12 88	0

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	16.339	14.0	61	3	3	30	12 68	0
2	306	16.739	13.8	62	-2	1	30	12 88	0
3	307	17.163	13.6	63	7	1	30	12 88	0
4	311	17.330	13.5	64	21	1	30	12 88	0
5	308	17.536	13.4	65	-7	1	30	12 88	6
6	309	17.949	13.2	66	3	3	30	12 88	0
7	310	18.339	13.1	67	-10	1	30	12 68	0
8	312	18.710	11.4	68	-6	1	30	12 68	0
9	313	19.108	11.7	69	1	1	30	12 48	0
10	314	19.511	11.9	70	44	1	30	12 48	0
11	315	19.915	12.1	71	6	1	30	12 48	1
12	316	20.305	12.3	72	28	1	30	12 48	0
13	317	20.604	12.5	73	-8	1	30	12 48	0
14	318	21.001	12.7	74	1	1	30	12 48	0
15	319	21.398	12.8	75	2	3	30	12 48	0
16	320	21.766	13.0	76	2	1	30	12 48	0
17	321	22.192	13.2	77	6	1	30	12 48	0
18	322	22.584	13.4	78	0	1	30	12 48	0
19	323	23.055	11.8	79	8	1	30	12 68	0
20	324	23.452	11.7	80	12	1	30	12 68	0

DKDAT FIELD DATA TABLE

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 23 SHOT POINT 8 TEAM 5
SHOT TIME: 47: 3:35: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	8.481	11.6	81	-28	30	12	88	1
2	286	8.946	11.4	82	-7	1	30	12 88	0
3	287	9.333	11.0	83	20	1	30	12 88	0
4	288	9.740	10.5	84	-16	1	30	12 88	0
5	289	10.135	9.9	85	0	1	30	12 88	0
6	290	10.530	9.3	86	-2	1	30	12 88	0
7	291	10.913	9.5	87	10	1	30	12 88	0
8	292	11.315	10.1	88	22	1	30	12 88	0
9	293	11.690	10.6	89	-2	1	30	12 68	0
10	294	12.090	11.1	90	10	1	30	12 68	0
11	295	12.462	11.6	91	18	1	30	12 68	1
12	296	12.868	12.0	92	0	1	30	12 68	0
13	297	13.255	12.4	93	-3	1	30	12 68	0
14	298	13.668	12.9	94	-104	1	30	12 68	1
15	299	14.052	13.1	95	0	1	30	12 88	0
16	300	14.464	13.4	96	-21	1	30	12 88	0
17	301	14.849	13.7	97	-3	1	30	12 88	0
18	302	15.244	14.1	98	-17	1	30	12 88	0
19	303	15.639	14.3	99	18	1	30	12 88	0
20	304	16.036	14.1	100	13	1	30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 23 SHOT POINT 8 TEAM 6
SHOT TIME: 47: 3:35: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	46.640	7.4	101	17	1	30	12 88	0
2	382	46.243	7.5	102	12	1	30	12 88	0
3	381	46.073	7.6	103	-6	1	30	12 88	0
4	380	45.430	7.6	104	-2	1	30	12 88	0
5	379	45.065	7.7	105	24	1	30	12 88	0
6	378	44.652	7.7	106	-9	1	30	12 68	0
7	377	44.183	7.6	107	18	1	30	12 68	0
8	376	43.888	7.5	108	-3	1	30	12 68	0
9	375	43.470	7.4	109	6	1	30	12 68	0
10	374	42.901	7.0	110	21	1	30	12 68	0
11	373	42.615	7.0	111	8	1	30	12 68	0
12	372	42.344	6.6	112	1	1	30	12 68	0
13	371	42.014	6.6	113	-14	2	30	12 68	0
14	370	41.643	6.3	114	-2	1	30	12 68	0
15	369	41.257	6.2	115	4	1	30	12 88	0
16	368	40.828	6.4	116	10	1	30	12 88	0
17	367	40.450	6.5	117	-18	1	30	12 88	0
18	366	40.052	6.6	118	3	1	30	12 88	0
19	365	39.668	6.7	119	4	1	30	12 88	0
20	364	39.522	6.9	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 24 SHOT POINT 9 TEAM 1
SHOT TIME: 47: 3:36:56.687

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	7.803	347.4	1	15	1	30	12 88	0
2	9	0.000	180.0	2	1	3	30	12 88	0
3	284	15.537	359.9	3	10	1	30	12 88	0
4	283	15.205	359.7	4	-19	1	30	12 88	0
5	282	14.789	359.6	5	13	1	30	12 88	1
6	281	14.335	359.4	6	7	1	30	12 88	0
7	13	38.487	4.2	7	-8	1	30	12 88	0
8	10	68.508	8.7	8	6	1	30	12 88	0
9	29	26.984	308.4	9	14	1	30	12 88	0
10	5	41.188	346.6	10	-7	1	30	12 88	0
11	41	63.255	346.4	11	-37	1	30	12 48	0
12	384	54.729	4.5	12	11	1	30	12 88	0
13	385	55.086	4.4	13	2	1	30	12 88	0
14	386	55.418	4.6	14	-29	1	30	12 68	0
15	387	55.815	4.4	15	4	1	30	12 68	0
16	388	56.130	4.4	16	-7	1	30	12 48	6
17	86	41.720	16.3	17	22	1	30	12 48	0
18	87	43.183	14.6	18	-21	1	30	12 48	0
19	88	44.724	13.2	19	54	1	30	12 48	0
20	89	45.908	12.4	20	-13	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 24 SHOT POINT 9 TEAM 2
SHOT TIME: 47: 3:36:56.687

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	46.487	3.5	21	-13	1	30	12 88	0
2	362	46.099	3.3	22	10	1	30	12 88	0
3	361	45.724	3.1	23	20	1	30	12 88	0
4	360	45.369	2.8	24	-5	1	30	12 88	0
5	359	45.051	2.6	25	-3	1	30	12 88	0
6	358	44.639	2.5	26	3	1	30	12 68	0
7	357	44.171	2.9	27	5	1	30	12 68	0
8	356	43.719	3.1	28	-91	1	30	12 68	3
9	355	43.311	3.1	29	11	2	30	12 68	0
10	354	42.856	2.9	30	6	1	30	12 68	0
11	353	42.394	3.0	31	6	1	30	12 48	0
12	352	42.074	3.3	32	20	1	30	12 68	3
13	351	41.568	3.5	33	36	1	30	12 68	0
14	350	41.212	3.6	34	9	1	30	12 68	0
15	183	40.871	3.5	35	-34	1	30	12 68	0
16	349	40.693	3.9	36	0	1	30	12 68	0
17	348	40.301	4.0	37	4	1	30	12 68	0
18	347	39.908	4.1	38	3	1	30	12 88	0
19	346	39.509	4.2	39	0	1	30	12 88	0
20	345	39.112	4.3	40	6	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 24 SHOT POINT 9 TEAM 3
SHOT TIME: 47: 3:36:56.687

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	38.712	4.4	41	-23	1	30	12 88	0
2	343	38.309	4.6	42	7	1	30	12 88	0
3	342	37.912	4.6	43	4	1	30	12 88	0
4	341	37.517	4.7	44	7	1	30	12 88	0
5	340	37.118	4.8	45	0	1	30	12 88	0
6	339	36.714	4.8	46	18	1	30	12 88	0
7	338	36.303	4.9	47	-3	1	30	12 88	0
8	337	35.747	4.8	48	0	3	30	12 88	21
9	336	35.336	4.9	49	7	1	30	12 88	0
10	335	34.949	4.9	50	-2	1	30	12 88	0
11	334	34.633	5.1	51	--	1	30	12 88	0
12	333	34.326	5.4	52	-18	1	30	12 88	0
13	332	33.866	5.5	53	7	1	30	12 88	0
14	331	33.466	5.5	54	-8	1	30	12 88	0
15	330	33.064	5.5	55	-4	1	30	12 88	0
16	329	32.661	5.6	56	17	1	30	12 88	0
17	328	32.261	5.6	57	5	1	30	12 88	0
18	327	31.827	5.6	58	13	1	30	12 88	0
19	326	31.575	5.7	59	-3	1	30	12 88	0
20	325	31.126	5.7	60	-6	1	30	12 88	0

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	15.922	360.0	81	-28		30	12 88	1
2	286	16.383	0.2	82	-7	1	30	12 88	0
3	287	16.776	0.3	83	20	1	30	12 88	0
4	288	17.190	0.3	84	-16	1	30	12 88	0
5	289	17.597	0.1	85	0	1	30	12 88	0
6	290	18.006	360.0	86	-2	1	30	12 88	0
7	291	18.377	0.3	87	10	1	30	12 88	0
8	292	18.756	0.9	88	22	1	30	12 88	0
9	293	19.109	1.4	89	-2	1	30	12 88	0
10	294	19.489	1.8	90	10	1	30	12 88	0
11	295	19.838	2.3	91	18		30	12 88	1
12	296	20.225	2.7	92	0	1	30	12 88	0
13	297	20.593	3.2	93	-3	1	30	12 88	0
14	298	20.983	3.7	94	-104		30	12 88	1
15	299	21.350	4.0	95	0	1	30	12 88	0
16	300	21.747	4.3	96	-21	1	30	12 88	0
17	301	22.114	4.7	97	-3	1	30	12 88	0
18	302	22.491	5.1	98	-17	1	30	12 88	0
19	303	22.869	5.4	99	18	1	30	12 88	0
20	304	23.271	5.4	100	13		30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 24 SHOT POINT 9 TEAM 5
SHOT TIME: 47: 3:36:56.687

NEVADA TEST SITE 1985
SHOT NUMBER 24 SHOT POINT 9 TEAM 4
SHOT TIME: 47: 3:36:56.687

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	23.576	5.5	61	3	3	30	12 68	0
2	306	23.980	5.5	62	-2	1	30	12 88	0
3	307	24.409	5.5	63	7	1	30	12 88	0
4	311	24.577	5.5	64	21	1	30	12 88	0
5	308	24.785	5.5	65	-7		30	12 88	6
6	309	25.202	5.5	66	3	3	30	12 88	0
7	310	25.595	5.5	67	-10	1	30	12 68	0
8	312	26.032	4.4	68	-6	1	30	12 68	0
9	313	26.417	4.7	69	1	1	30	12 48	0
10	314	26.808	4.9	70	44	1	30	12 48	0
11	315	27.201	5.2	71	6		30	12 48	1
12	316	27.578	5.5	72	28	1	30	12 48	0
13	317	27.868	5.7	73	-8	1	30	12 48	0
14	318	28.254	5.9	74	1	1	30	12 48	0
15	319	28.640	6.1	75	2	3	30	12 48	0
16	320	28.998	6.3	76	2	1	30	12 48	0
17	321	29.413	6.6	77	6	1	30	12 48	0
18	322	29.794	6.8	78	0	1	30	12 48	0
19	323	30.331	5.7	79	8	1	30	12 68	0
20	324	30.730	5.7	80	12	1	30	12 68	0

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	54.038	4.6	101	17	1	30	12 88	0
2	382	53.637	4.7	102	12	1	30	12 88	0
3	381	53.464	4.7	103	-6	1	30	12 88	0
4	380	52.820	4.7	104	-2	1	30	12 88	0
5	379	52.452	4.8	105	24	1	30	12 88	0
6	378	52.041	4.7	106	-9	1	30	12 68	0
7	377	51.578	4.6	107	18	1	30	12 68	0
8	376	51.286	4.5	108	-3	1	30	12 68	1
9	375	50.872	4.4	109	6	1	30	12 68	0
10	374	50.319	4.0	110	21	1	30	12 68	0
11	373	50.034	4.0	111	8	1	30	12 68	0
12	372	49.780	3.6	112	1	1	30	12 68	0
13	371	49.449	3.6	113	-14	1	30	12 68	0
14	370	49.089	3.4	114	-2	1	30	12 68	0
15	369	48.709	3.2	115	4	1	30	12 88	0
16	368	48.271	3.4	116	10	1	30	12 88	0
17	367	47.891	3.4	117	-18	1	30	12 88	0
18	366	47.488	3.5	118	3	1	30	12 88	0
19	365	47.103	3.5	119	4	1	30	12 88	0
20	364	46.948	3.7	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 1
SHOT TIME: 47: 3:39; 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	61.305	191.4	1	15	1	30	12 88	0
2	9	68.508	188.7	2	1	1	30	12 88	0
3	284	53.205	191.3	3	10	2	30	12 88	0
4	283	53.542	191.3	4	-19	2	30	12 88	0
5	282	53.955	191.2	5	13		30	12 88	1
6	281	54.410	191.2	6	7	2	30	12 88	0
7	13	30.288	194.4	7	-8	1	30	12 88	0
8	10	0.000	180.0	8	6	1	30	12 88	0
9	29	59.892	211.7	9	14	1	30	12 88	0
10	5	34.057	215.7	10	-7	2	30	12 88	0
11	41	25.931	256.1	11	-37	1	30	12 48	0
12	384	14.498	204.9	12	11	1	30	12 88	0
13	385	14.188	205.6	13	2	1	30	12 88	0
14	386	13.802	205.3	14	-29	1	30	12 68	0
15	387	13.514	206.8	15	4	1	30	12 68	0
16	388	13.209	207.1	16	-7		30	12 48	6
17	86	27.699	177.3	17	22	1	30	12 48	0
18	87	25.935	178.9	18	-21	1	30	12 48	0
19	88	24.171	180.5	19	54	1	30	12 48	0
20	89	22.885	181.4	20	-13	1	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 2
SHOT TIME: 47: 3:39; 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	22.598	199.4	21	-13	1	30	12 88	0
2	362	23.026	199.6	22	10	1	30	12 88	0
3	361	23.439	199.8	23	20	1	30	12 88	0
4	360	23.835	200.0	24	-5	1	30	12 88	0
5	359	24.197	200.2	25	-3	1	30	12 88	0
6	358	24.610	200.1	26	3	1	30	12 68	0
7	357	24.956	199.0	27	5	1	30	12 68	0
8	356	25.360	198.4	28	-91		30	12 68	3
9	355	25.757	198.2	29	11	1	30	12 68	0
10	354	26.221	198.2	30	6	1	30	12 68	0
11	353	26.653	197.8	31	6	1	30	12 48	0
12	352	26.910	197.2	32	20		30	12 68	3
13	351	27.373	196.7	33	36	1	30	12 68	0
14	350	27.695	196.3	34	9	1	30	12 68	0
15	183	28.046	196.3	35	-34		30	12 68	0
16	349	28.161	195.6	36	0	1	30	12 68	0
17	348	28.532	195.4	37	4	1	30	12 68	0
18	347	28.903	195.1	38	3	1	30	12 88	0
19	346	29.283	194.8	39	0	1	30	12 88	0
20	345	29.659	194.5	40	6	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 3
SHOT TIME: 47: 3:39; 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	30.041	194.2	41	-23	1	30	12 88	0
2	343	30.424	193.9	42	7	1	30	12 88	0
3	342	30.811	193.8	43	4	1	30	12 88	0
4	341	31.193	193.6	44	7	1	30	12 88	0
5	340	31.580	193.4	45	0	1	30	12 88	0
6	339	31.973	193.2	46	18	1	30	12 88	0
7	338	32.371	193.0	47	-3	1	30	12 68	0
8	337	32.932	193.0	48	0		30	12 68	21
9	336	33.333	192.8	49	7	1	30	12 68	0
10	335	33.712	192.6	50	-2	2	30	12 68	0
11	334	34.014	192.4	51	--	1	30	12 68	0
12	333	34.299	192.1	52	-18	2	30	12 68	0
13	332	34.749	191.9	53	7	2	30	12 68	0
14	331	35.145	191.8	54	-8	2	30	12 88	0
15	330	35.542	191.7	55	-4	2	30	12 88	0
16	329	35.941	191.6	56	17	2	30	12 88	0
17	328	36.339	191.5	57	5	2	30	12 88	0
18	327	36.767	191.4	58	13	2	30	12 88	0
19	326	37.014	191.3	59	-3	2	30	12 88	0
20	325	37.460	191.2	60	-6	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 4
SHOT TIME: 47: 3:39; 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	44.989	190.4	61	3	1	30	12 68	0
2	306	44.587	190.5	62	-2	2	30	12 88	0
3	307	44.159	190.5	63	7	2	30	12 88	0
4	311	43.992	190.5	64	22	2	30	12 88	0
5	308	43.785	190.6	65	-7	2	30	12 88	0
6	309	43.369	190.6	66	3	2	30	12 88	0
7	310	42.978	190.6	67	-10	2	30	12 68	0
8	312	42.594	191.4	68	-6	2	30	12 68	0
9	313	42.197	191.2	69	1	2	30	12 48	0
10	314	41.795	191.1	70	44	2	30	12 48	0
11	315	41.392	191.0	71	6		30	12 48	1
12	316	41.003	190.9	72	28	2	30	12 48	0
13	317	40.706	190.8	73	-8	2	30	12 48	0
14	318	40.312	190.7	74	1	2	30	12 48	0
15	319	39.918	190.6	75	2	2	30	12 48	0
16	320	39.553	190.5	76	2	2	30	12 48	0
17	321	39.131	190.3	77	6	2	30	12 48	0
18	322	38.743	190.2	78	0	2	30	12 48	0
19	323	38.251	191.1	79	8	2	30	12 68	0
20	324	37.853	191.1	80	12	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 5
SHOT TIME: 47: 3:39: 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	52.824	191.3	81	-28	30	12	88	1
2	286	52.359	191.4	82	-7	2	30	12 88	0
3	287	51.972	191.4	83	-20	2	30	12 88	0
4	288	51.566	191.5	84	-16	2	30	12 88	0
5	289	51.173	191.7	85	0	2	30	12 88	C
6	290	50.783	191.8	86	-2	2	30	12 88	0
7	291	50.398	191.8	87	10	2	30	12 88	0
8	292	49.993	191.7	88	22	2	30	12 88	0
9	293	49.616	191.5	89	-2	2	30	12 88	0
10	294	49.214	191.4	90	10	2	30	12 88	0
11	295	48.843	191.3	91	18	2	30	12 88	1
12	296	48.438	191.2	92	0	2	30	12 88	0
13	297	48.052	191.1	93	-3	2	30	12 88	0
14	298	47.642	190.9	94	-105	2	30	12 88	1
15	299	47.262	190.8	95	0	2	30	12 88	0
16	300	46.853	190.7	96	-21	2	30	12 88	0
17	301	46.473	190.6	97	-3	2	30	12 88	0
18	302	46.083	190.5	98	-17	2	30	12 88	0
19	303	45.695	190.4	99	18	2	30	12 88	0
20	304	45.294	190.4	100	13	2	30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 25 SHOT POINT 10 TEAM 6
SHOT TIME: 47: 3:39: 0.084

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	15.123	203.7	101	17	1	30	12 88	0
2	382	15.477	202.9	102	12	1	30	12 88	0
3	381	15.627	202.6	103	-6	1	30	12 88	0
4	380	16.241	201.9	104	-2	1	30	12 88	0
5	379	16.579	201.3	105	24	1	30	12 88	0
6	378	16.988	201.1	106	-9	1	30	12 88	0
7	377	17.465	201.0	107	18	1	30	12 88	0
8	376	17.766	201.0	108	-3	1	30	12 88	0
9	375	18.186	200.9	109	6	1	30	12 88	0
10	374	18.810	201.3	110	21	1	30	12 88	0
11	373	19.092	201.2	111	8	1	30	12 88	0
12	372	19.431	201.9	112	1	1	30	12 88	0
13	371	19.743	201.5	113	-14	1	30	12 88	0
14	370	20.158	201.8	114	-2	1	30	12 88	0
15	369	20.553	201.8	115	4	1	30	12 88	0
16	368	20.922	201.0	116	10	1	30	12 88	0
17	367	21.277	200.6	117	-18	1	30	12 88	0
18	366	21.641	200.1	118	3	1	30	12 88	0
19	365	22.007	199.8	119	4	1	30	12 88	0
20	364	22.111	199.3	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 1
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	33.385	166.4	1	16	1	30	12 88	0
2	9	41.188	166.6	2	1	1	30	12 88	0
3	284	26.313	158.8	3	11	2	30	12 88	0
4	283	26.602	159.2	4	-20	1	30	12 88	0
5	282	26.983	159.5	5	14	1	30	12 88	1
6	281	27.393	159.9	6	8	1	30	12 88	0
7	13	12.474	97.8	7	-9	1	30	12 88	0
8	10	34.057	35.7	8	6	1	30	12 88	0
9	29	26.026	206.4	9	15	1	30	12 88	1
10	5	0.000	180.0	10	-7	2	30	12 88	0
11	41	22.068	346.0	11	-40	1	30	12 88	0
12	384	20.010	43.6	12	12	1	30	12 88	0
13	385	20.246	42.8	13	2	1	30	12 88	0
14	386	20.638	42.7	14	-31	1	30	12 88	0
15	387	20.817	41.5	15	4	1	30	12 88	0
16	388	21.091	41.1	16	-7	1	30	12 88	6
17	86	21.201	90.1	17	24	1	30	12 88	0
18	87	20.477	85.2	18	-23	1	30	12 88	0
19	88	20.013	80.0	19	58	1	30	12 88	0
20	89	19.944	76.2	20	-14	3	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 2
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	13.920	62.9	21	-14	1	30	12 88	0
2	362	13.553	63.9	22	11	1	30	12 88	0
3	361	13.209	64.9	23	21	1	30	12 88	0
4	360	12.874	65.9	24	-6	1	30	12 88	0
5	359	12.556	66.8	25	-3	1	30	12 88	3
6	358	12.323	68.4	26	3	1	30	12 88	0
7	357	12.466	71.1	27	6	1	30	12 88	0
8	356	12.412	73.2	28	-97	1	30	12 88	0
9	355	12.267	75.0	29	11	1	30	12 88	0
10	354	12.043	76.9	30	6	1	30	12 88	0
11	353	11.979	79.1	31	6	1	30	12 88	0
12	352	12.115	80.8	32	21	1	30	12 88	0
13	351	12.140	83.3	33	39	1	30	12 88	3
14	350	12.191	85.0	34	10	1	30	12 88	0
15	183	12.062	86.5	35	-37	1	30	12 88	0
16	349	12.323	87.5	36	0	1	30	12 88	0
17	348	12.349	89.4	37	5	1	30	12 88	0
18	347	12.396	91.2	38	3	1	30	12 88	0
19	346	12.446	93.1	39	0	1	30	12 88	0
20	345	12.528	94.9	40	6	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 3
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	12.611	96.7	41	-25	1	30	12 88	0
2	343	12.722	98.5	42	7	1	30	12 88	0
3	342	12.781	100.3	43	4	1	30	12 88	0
4	341	12.875	102.0	44	8	1	30	12 88	0
5	340	12.982	103.7	45	0	1	30	12 88	0
6	339	13.096	105.4	46	20	1	30	12 88	0
7	338	13.237	107.1	47	-3	1	30	12 68	0
8	337	13.292	109.5	48	0	2	30	12 68	0
9	336	13.449	111.2	49	8	1	30	12 68	0
10	335	13.590	112.7	50	-2	1	30	12 68	0
11	334	13.777	113.8	51	--	1	30	12 68	0
12	333	14.023	114.8	52	-20	1	30	12 68	0
13	332	14.248	116.5	53	7	1	30	12 68	0
14	331	14.409	117.9	54	-9	1	30	12 88	0
15	330	14.587	119.4	55	-4	1	30	12 88	0
16	329	14.767	120.8	56	19	1	30	12 88	0
17	328	14.949	122.2	57	5	1	30	12 88	0
18	327	15.169	123.6	58	14	1	30	12 88	0
19	326	15.330	124.3	59	-3	1	30	12 88	0
20	325	15.557	125.8	60	-7	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 4
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	20.356	144.6	61	3	1	30	12 68	0
2	306	20.049	143.9	62	-2	1	30	12 88	0
3	307	19.729	143.0	63	8	2	30	12 88	0
4	311	19.609	142.7	64	23	2	30	12 88	0
5	308	19.456	142.3	65	-8	2	30	12 88	0
6	309	19.155	141.4	66	3	2	30	12 88	0
7	310	18.874	140.6	67	-11	2	30	12 68	0
8	312	18.222	140.7	68	-6	1	30	12 68	0
9	313	18.039	139.6	69	1	1	30	12 48	0
10	314	17.847	138.4	70	48	1	30	12 48	0
11	315	17.670	137.3	71	7	1	30	12 48	0
12	316	17.516	136.1	72	30	1	30	12 48	0
13	317	17.400	135.1	73	-9	1	30	12 48	0
14	318	17.254	133.9	74	1	2	30	12 48	0
15	319	17.109	132.6	75	2	2	30	12 48	0
16	320	16.986	131.5	76	2	1	30	12 48	0
17	321	16.851	130.1	77	7	1	30	12 48	0
18	322	16.738	128.8	78	0	1	30	12 48	0
19	323	15.982	128.2	79	8	1	30	12 68	0
20	324	15.771	127.0	80	13	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 5
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	25.960	158.4	81	-30	1	30	12 88	1
2	286	25.556	157.9	82	-8	1	30	12 88	0
3	287	25.197	157.6	83	22	1	30	12 88	0
4	288	24.815	157.2	84	-17	1	30	12 88	0
5	289	24.427	156.9	85	1	2	30	12 88	0
6	290	24.031	156.6	86	-3	1	30	12 88	0
7	291	23.736	156.0	87	11	1	30	12 88	0
8	292	23.466	155.3	88	23	1	30	12 88	0
9	293	23.220	154.5	89	-3	1	30	12 68	0
10	294	22.958	153.7	90	11	1	30	12 68	0
11	295	22.729	152.9	91	20	1	30	12 68	1
12	296	22.471	152.1	92	0	1	30	12 68	0
13	297	22.232	151.3	93	-3	1	30	12 68	0
14	298	22.001	150.4	94	-112	1	30	12 68	1
15	299	21.768	149.6	95	0	1	30	12 88	0
16	300	21.517	148.7	96	-23	1	30	12 88	0
17	301	21.306	147.8	97	-4	1	30	12 88	0
18	302	21.097	146.9	98	-18	1	30	12 88	0
19	303	20.887	145.9	99	20	1	30	12 88	0
20	304	20.578	145.2	100	13	1	30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 26 SHOT POINT 5 TEAM 6
SHOT TIME: 47: 5:31: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	19.526	45.0	101	19	1	30	12 88	0
2	382	19.277	46.0	102	13	1	30	12 88	0
3	381	19.178	46.4	103	-6	1	30	12 88	0
4	380	18.705	47.7	104	-3	1	30	12 88	0
5	379	18.471	48.6	105	26	1	30	12 88	0
6	378	18.140	49.4	106	-10	1	30	12 68	0
7	377	17.732	50.2	107	20	1	30	12 68	0
8	376	17.474	50.7	108	-3	1	30	12 68	0
9	375	17.133	51.5	109	7	1	30	12 68	0
10	374	16.519	52.2	110	22	1	30	12 68	0
11	373	16.304	52.8	111	9	1	30	12 68	0
12	372	15.898	52.8	112	1	1	30	12 68	0
13	371	15.689	53.7	113	-15	1	30	12 68	0
14	370	15.281	54.2	114	-2	1	30	12 68	0
15	369	14.957	55.1	115	4	1	30	12 88	0
16	368	14.814	56.8	116	11	1	30	12 88	0
17	367	14.610	58.0	117	-20	1	30	12 88	0
18	366	14.444	59.5	118	3	1	30	12 88	0
19	365	14.241	60.8	119	4	1	30	12 88	0
20	364	14.300	61.7	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 27 SHOT POINT 12 TEAM 1
SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	39.559	186.8	1	16	2	30	12 88	0
2	9	46.988	183.7	2	1	1	30	12 88	0
3	284	31.500	185.5	3	11	2	30	12 88	0
4	283	31.837	185.6	4	-20	2	30	12 88	0
5	282	32.253	185.5	5	14		30	12 88	1
6	281	32.710	185.5	6	8	2	30	12 88	0
7	13	8.511	181.2	7	-9	1	30	12 88	0
8	10	22.087	19.5	8	6	1	30	12 88	0
9	29	38.600	218.7	9	15	1	30	12 88	0
10	5	14.274	241.4	10	-7	2	30	12 88	0
11	41	23.046	309.3	11	-40	2	30	12 88	0
12	384	7.774	9.3	12	12	1	30	12 88	0
13	385	8.124	8.7	13	2	1	30	12 88	0
14	386	8.473	9.9	14	-32	1	30	12 68	0
15	387	8.851	8.2	15	4	1	30	12 68	0
16	388	9.168	8.3	16	-7		30	12 48	6
17	86	11.035	128.3	17	24	1	30	12 48	0
18	87	9.374	123.0	18	-23	1	30	12 48	0
19	88	7.909	115.0	19	58	1	30	12 48	0
20	89	7.127	106.8	20	-14	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 27 SHOT POINT 12 TEAM 2
SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	0.512	196.0	21	-14	3	30	12 88	0
2	362	0.941	202.8	22	11	3	30	12 88	0
3	361	1.358	204.9	23	21	3	30	12 88	0
4	360	1.760	206.4	24	-6	3	30	12 88	0
5	359	2.131	207.8	25	-3		30	12 88	3
6	358	2.534	205.2	26	3	3	30	12 68	0
7	357	2.877	195.1	27	6	3	30	12 68	0
8	356	3.301	191.5	28	-97	1	30	12 68	3
9	355	3.707	190.8	29	11	2	30	12 68	0
10	354	4.171	191.2	30	6	3	30	12 68	0
11	353	4.622	189.7	31	6	3	30	12 48	0
12	352	4.921	186.8	32	21		30	12 68	3
13	351	5.422	185.1	33	39	2	30	12 68	0
14	350	5.775	183.9	34	10	1	30	12 68	0
15	183	6.118	184.7	35	-37	1	30	12 68	0
16	349	6.298	182.1	36	0	1	30	12 68	0
17	348	6.692	181.6	37	5	1	30	12 68	0
18	347	7.088	181.2	38	3	1	30	12 88	0
19	346	7.489	180.9	39	0	1	30	12 88	0
20	345	7.891	180.4	40	6	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 27 SHOT POINT 12 TEAM 3
SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	344	8.295	180.1	41	-25	1	30	12 88	0
2	343	8.704	179.7	42	7	1	30	12 88	0
3	342	9.102	179.8	43	4	1	30	12 88	0
4	341	9.499	179.7	44	8	1	30	12 88	0
5	340	9.902	179.6	45	0	1	30	12 88	0
6	339	10.309	179.5	46	20	1	30	12 88	0
7	338	10.723	179.4	47	-3	1	30	12 68	0
8	337	11.270	180.1	48	0	2	30	12 68	0
9	336	11.684	180.0	49	8	1	30	12 68	0
10	335	12.071	180.0	50	-2	1	30	12 68	0
11	334	12.395	179.7	51	--	1	30	12 68	0
12	333	12.715	179.2	52	-20	1	30	12 68	0
13	332	13.180	179.1	53	7	1	30	12 68	0
14	331	13.580	179.2	54	-9	1	30	12 88	0
15	330	13.981	179.3	55	-4	1	30	12 88	0
16	329	14.383	179.4	56	19	1	30	12 88	0
17	328	14.783	179.6	57	5	1	30	12 88	0
18	327	15.216	179.7	58	14	1	30	12 88	0
19	326	15.472	179.6	59	-3	2	30	12 88	0
20	325	15.919	179.7	60	-7	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 27 SHOT POINT 12 TEAM 4
SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	305	23.435	181.9	61	3	2	30	12 68	0
2	306	23.032	181.8	62	-2	2	30	12 88	0
3	307	22.603	181.8	63	8	2	30	12 88	0
4	311	22.437	181.7	64	23	2	30	12 88	0
5	308	22.229	181.7	65	-8	2	30	12 88	0
6	309	21.813	181.6	66	3	2	30	12 88	0
7	310	21.421	181.5	67	-11	2	30	12 68	0
8	312	20.960	182.8	68	-6	2	30	12 68	0
9	313	20.581	182.4	69	1	2	30	12 48	0
10	314	20.194	182.0	70	48	2	30	12 48	0
11	315	19.809	181.6	71	7		30	12 48	1
12	316	19.441	181.2	72	30	2	30	12 48	0
13	317	19.160	180.8	73	-9	2	30	12 48	0
14	318	18.787	180.3	74	1	2	30	12 48	0
15	319	18.415	179.9	75	2	2	30	12 48	0
16	320	18.071	179.4	76	2		30	12 48	1
17	321	17.675	178.9	77	7	2	30	12 48	0
18	322	17.313	178.3	78	0	2	30	12 48	0
19	323	16.712	180.0	79	8	2	30	12 68	0
20	324	16.315	179.8	80	13	2	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 27 SHOT POINT 12 TEAM 5

SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	31.115	185.6	81	-30	30	12	88	1
2	286	30.650	185.5	82	-8	2	30	12 88	0
3	287	30.258	185.6	83	22	2	30	12 88	0
4	288	29.846	185.7	84	-17	2	30	12 88	0
5	289	29.444	185.8	85	1	2	30	12 88	0
6	290	29.042	186.0	86	-3	2	30	12 88	0
7	291	28.662	185.8	87	11	2	30	12 88	0
8	292	28.270	185.5	88	23	2	30	12 88	0
9	293	27.905	185.3	89	-3	2	30	12 68	0
10	294	27.516	185.0	90	11	2	30	12 68	0
11	295	27.159	184.7	91	20	0	30	12 68	1
12	296	26.768	184.4	92	0	2	30	12 68	0
13	297	26.396	184.1	93	-3	2	30	12 68	0
14	298	26.005	183.7	94	-112	0	30	12 68	1
15	299	25.639	183.4	95	0	2	30	12 88	0
16	300	25.244	183.1	96	-23	2	30	12 88	0
17	301	24.881	182.8	97	-4	1	30	12 88	0
18	302	24.510	182.4	98	-18	1	30	12 88	0
19	303	24.140	182.0	99	20	1	30	12 88	0
20	304	23.739	182.0	100	13	0	30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 28 SHOT POINT 6 TEAM 1

SHOT TIME: 47: 5:35: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	17.331	193.4	1	16	1	30	12 88	0
2	9	24.581	185.4	2	1	1	30	12 88	0
3	284	9.235	194.7	3	11	1	30	12 88	0
4	283	9.571	194.5	4	-20	1	30	12 88	0
5	282	9.980	194.0	5	14	1	30	12 88	1
6	281	10.433	193.7	6	8	1	30	12 88	0
7	13	13.920	2.1	7	-9	2	30	12 88	0
8	10	43.990	10.6	8	6	2	30	12 88	0
9	29	24.685	251.8	9	15	1	30	12 88	0
10	5	19.587	322.8	10	-7	2	30	12 88	0
11	41	40.797	335.1	11	-40	2	30	12 48	0
12	384	30.154	3.7	12	12	2	30	12 88	0
13	385	30.512	3.6	13	2	2	30	12 88	0
14	386	30.841	4.0	14	-32	2	30	12 68	0
15	387	31.241	3.6	15	4	2	30	12 68	0
16	388	31.555	3.7	16	-7	2	30	12 48	6
17	86	18.174	31.0	17	24	2	30	12 48	0
18	87	19.318	26.3	18	-23	2	30	12 48	0
19	88	20.635	22.4	19	58	2	30	12 48	0
20	89	21.713	20.3	20	-14	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 27 SHOT POINT 12 TEAM 6

SHOT TIME: 47: 5:33: 0.005

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	7.093	10.4	101	19	1	30	12 88	0
2	382	6.703	11.4	102	13	1	30	12 88	0
3	381	6.537	12.0	103	-6	1	30	12 88	0
4	380	5.899	12.9	104	-3	1	30	12 88	0
5	379	5.542	13.9	105	26	1	30	12 88	0
6	378	5.129	14.0	106	-10	2	30	12 68	0
7	377	4.653	13.6	107	20	2	30	12 68	0
8	376	4.353	13.2	108	-3	1	30	12 68	0
9	375	3.931	12.9	109	7	1	30	12 68	0
10	374	3.344	8.8	110	22	1	30	12 68	0
11	373	3.057	8.6	111	9	1	30	12 68	0
12	372	2.793	2.6	112	1	1	30	12 68	0
13	371	2.462	2.6	113	-15	1	30	12 68	0
14	370	2.119	356.2	114	-2	1	30	12 68	0
15	369	1.763	351.0	115	4	1	30	12 88	0
16	368	1.303	353.6	116	11	1	30	12 88	0
17	367	0.925	351.0	117	-20	2	30	12 88	0
18	366	0.515	349.7	118	3	3	30	12 88	0
19	365	0.162	319.2	119	4	3	30	12 88	0
20	364	0.068	129.8	120	0	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985

SHOT NUMBER 28 SHOT POINT 6 TEAM 2

SHOT TIME: 47: 5:35: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	21.934	1.5	21	-14	2	30	12 88	0
2	362	21.554	0.9	22	11	2	30	12 88	0
3	361	21.187	0.3	23	21	2	30	12 88	0
4	360	20.843	359.8	24	-6	2	30	12 88	0
5	359	20.537	359.2	25	-3	2	30	12 88	3
6	358	20.129	358.9	26	3	2	30	12 68	0
7	357	19.641	359.9	27	6	2	30	12 68	0
8	356	19.184	0.1	28	-97	2	30	12 68	3
9	355	18.777	0.0	29	11	2	30	12 68	0
10	354	18.328	359.6	30	6	2	30	12 68	0
11	353	17.864	359.7	31	6	2	30	12 48	0
12	352	17.593	0.4	32	21	2	30	12 68	3
13	351	17.020	0.7	33	39	2	30	12 68	0
14	350	16.660	1.0	34	10	2	30	12 68	0
15	183	16.323	0.7	35	-37	2	30	12 68	0
16	349	16.133	1.7	36	0	2	30	12 68	0
17	348	15.738	1.8	37	5	2	30	12 68	0
18	347	15.343	2.1	38	3	2	30	12 88	0
19	346	14.942	2.2	39	0	2	30	12 88	0
20	345	14.543	2.5	40	6	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 28 SHOT POINT 6 TEAM 3
SHOT TIME: 47: 5:35: 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	344	14.140	2.8	41	-25	2	30	12	88	0	
2	343	13.735	3.1	42	7	2	30	12	88	0	
3	342	13.338	3.1	43	4	2	30	12	88	0	
4	341	12.942	3.3	44	8	2	30	12	88	0	
5	340	12.541	3.5	45	0	1	30	12	88	0	
6	339	12.136	3.7	46	20	1	30	12	88	0	
7	338	11.725	3.9	47	-3	1	30	12	68	0	
8	337	11.170	3.5	48	0	2	30	12	68	0	
9	336	10.758	3.7	49	8	1	30	12	68	0	
10	335	10.371	3.8	50	-2	2	30	12	68	0	
11	334	10.053	4.3	51	--	1	30	12	68	0	
12	333	9.745	5.2	52	-20	1	30	12	68	0	
13	332	9.285	5.6	53	7	1	30	12	68	0	
14	331	8.884	5.7	54	-9	1	30	12	88	0	
15	330	8.483	5.8	55	-4	1	30	12	88	0	
16	329	8.080	6.0	56	19	1	30	12	88	0	
17	328	7.680	6.0	57	5	1	30	12	88	0	
18	327	7.247	6.3	58	14	1	30	12	88	0	
19	326	6.995	6.7	59	-3	1	30	12	88	0	
20	325	6.546	6.8	60	-7	1	30	12	88	0	

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 28 SHOT POINT 6 TEAM 4
SHOT TIME: 47: 5:35: 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	305	1.006	184.0	61	3	3	30	12	68	0	
2	306	0.602	183.3	62	-2	3	30	12	88	0	
3	307	0.174	178.2	63	8	3	30	12	88	0	
4	311	0.027	105.5	64	23	3	30	12	88	0	
5	308	0.205	12.7	65	-8	3	30	12	88	0	
6	309	0.621	8.0	66	3	3	30	12	88	0	
7	310	1.014	7.0	67	-11	3	30	12	68	0	
8	312	1.518	347.7	68	-6	3	30	12	68	0	
9	313	1.864	353.1	69	1	3	30	12	48	0	
10	314	2.238	359.6	70	48	3	30	12	48	0	
11	315	2.622	3.1	71	7	3	30	12	48	1	
12	316	2.997	5.8	72	30	3	30	12	48	0	
13	317	3.289	7.4	73	-9	3	30	12	48	0	
14	318	3.679	9.1	74	1	3	30	12	48	0	
15	319	4.071	10.4	75	2	3	30	12	48	0	
16	320	4.437	11.5	76	2	3	30	12	48	0	
17	321	4.862	12.4	77	7	3	30	12	48	0	
18	322	5.253	13.2	78	0	3	30	12	48	0	
19	323	5.751	7.1	79	8	1	30	12	68	0	
20	324	6.150	7.0	80	13	1	30	12	68	0	

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 28 SHOT POINT 6 TEAM 5
SHOT TIME: 47: 5:35: 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	285	8.858	195.2	81	-30		30	12	88	1	
2	286	8.397	195.6	82	-8	1	30	12	88	0	
3	287	8.016	196.2	83	22	1	30	12	88	0	
4	288	7.619	197.1	84	-17	1	30	12	88	0	
5	289	7.241	198.3	85	1	1	30	12	88	0	
6	290	6.870	199.8	86	-3	1	30	12	88	0	
7	291	6.485	200.0	87	11	1	30	12	88	0	
8	292	6.070	199.6	88	23	1	30	12	88	0	
9	293	5.683	199.2	89	-3	1	30	12	68	0	
10	294	5.273	198.8	90	11	1	30	12	68	0	
11	295	4.892	198.1	91	20		30	12	68	1	
12	296	4.478	197.5	92	0	2	30	12	68	0	
13	297	4.085	196.9	93	-3	1	30	12	68	0	
14	298	3.666	195.5	94	-112		30	12	68	1	
15	299	3.280	194.6	95	0	1	30	12	88	0	
16	300	2.867	193.5	96	-23	1	30	12	88	0	
17	301	2.483	191.6	97	-4	1	30	12	88	0	
18	302	2.095	188.8	98	-18	2	30	12	88	0	
19	303	1.713	185.1	99	20	1	30	12	88	0	
20	304	1.310	184.9	100	13		30	12	88	1	

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 28 SHOT POINT 6 TEAM 6
SHOT TIME: 47: 5:35: 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	383	29.462	3.9	101	19	2	30	12	88	0	
2	382	29.060	4.0	102	13	2	30	12	88	0	
3	381	28.887	4.1	103	-6	2	30	12	88	0	
4	380	28.242	4.1	104	-3	2	30	12	88	0	
5	379	27.874	4.2	105	26	2	30	12	88	0	
6	378	27.464	4.1	106	-10	2	30	12	68	0	
7	377	27.002	3.8	107	20	2	30	12	68	0	
8	376	26.711	3.6	108	-3	2	30	12	68	0	
9	375	26.298	3.4	109	7	2	30	12	68	0	
10	374	25.752	2.7	110	22	2	30	12	68	0	
11	373	25.468	2.6	111	9	2	30	12	68	0	
12	372	25.222	1.9	112	1	2	30	12	68	0	
13	371	24.892	1.9	113	-15	2	30	12	68	0	
14	370	24.540	1.3	114	-2	2	30	12	68	0	
15	369	24.164	1.0	115	4	2	30	12	88	0	
16	368	23.721	1.3	116	11	2	30	12	88	0	
17	367	23.340	1.4	117	-20	2	30	12	88	0	
18	366	22.934	1.5	118	3	2	30	12	88	0	
19	365	22.549	1.5	119	4	2	30	12	88	0	
20	364	22.388	1.9	120	0	1	30	12	88	0	

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 1
SHOT TIME: 47: 5:37: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	8	8.487	191.6	1	16	1	30	12 88	0	0
2	9	15.930	180.0	2	1	1	30	12 88	0	0
3	284	0.393	181.9	3	11	3	30	12 88	0	0
4	283	0.729	185.6	4	-20	1	30	12 88	0	0
5	282	1.145	184.8	5	14	1	30	12 88	1	0
6	281	1.602	185.1	6	8	1	30	12 88	0	0
7	13	22.631	7.2	7	-9	2	30	12 88	0	0
8	10	52.817	11.3	8	6	2	30	12 88	0	0
9	29	21.149	272.2	9	15	1	30	12 88	0	0
10	5	25.952	338.4	10	-7	2	30	12 88	0	0
11	41	47.913	341.9	11	-40	2	30	12 48	0	0
12	384	38.868	6.3	12	12	2	30	12 88	0	0
13	385	39.223	6.2	13	2	2	30	12 88	0	0
14	386	39.562	6.5	14	-32	2	30	12 68	0	0
15	387	39.951	6.2	15	4	2	30	12 68	0	0
16	388	40.267	6.2	16	-7	30	12 48	6	0	0
17	86	26.801	25.9	17	24	2	30	12 48	0	0
18	87	28.057	22.8	18	-23	1	30	12 48	0	0
19	88	29.438	20.3	19	59	2	30	12 48	0	0
20	89	30.541	18.8	20	-14	2	30	12 48	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 3
SHOT TIME: 47: 5:37: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	344	22.864	7.5	41	-25	2	30	12 88	0	0
2	343	22.466	7.8	42	7	2	30	12 88	0	0
3	342	22.072	8.0	43	4	2	30	12 88	0	0
4	341	21.681	8.1	44	8	2	30	12 88	0	0
5	340	21.285	8.3	45	0	2	30	12 88	0	0
6	339	20.884	8.5	46	20	2	30	12 88	0	0
7	338	20.479	8.8	47	-3	30	12 68	12	0	0
8	337	19.919	8.7	48	0	2	30	12 68	0	0
9	336	19.512	8.9	49	8	2	30	12 68	0	0
10	335	19.128	9.1	50	-2	2	30	12 68	0	0
11	334	18.820	9.4	51	--	2	30	12 68	0	0
12	333	18.526	10.0	52	-20	2	30	12 68	0	0
13	332	18.073	10.3	53	7	2	30	12 68	0	0
14	331	17.675	10.4	54	-9	2	30	12 88	0	0
15	330	17.277	10.6	55	-4	2	30	12 88	0	0
16	329	16.877	10.8	56	19	2	30	12 88	0	0
17	328	16.479	11.0	57	5	2	30	12 88	0	0
18	327	16.050	11.2	58	14	2	30	12 88	0	0
19	326	15.803	11.4	59	-3	2	30	12 88	0	0
20	325	15.357	11.6	60	-7	2	30	12 88	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 2
SHOT TIME: 47: 5:37: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	363	30.604	5.4	21	-14	2	30	12 88	0	0
2	362	30.210	5.0	22	11	2	30	12 88	0	0
3	361	29.829	4.7	23	21	2	30	12 88	0	0
4	360	29.470	4.3	24	-6	2	30	12 88	0	0
5	359	29.147	4.0	25	-3	30	12 88	3	0	0
6	358	28.733	3.9	26	3	2	30	12 68	0	0
7	357	28.274	4.6	27	6	2	30	12 68	0	0
8	356	27.826	4.9	28	-97	30	12 68	3	0	0
9	355	27.418	4.9	29	11	2	30	12 68	0	0
10	354	26.960	4.7	30	6	2	30	12 68	0	0
11	353	26.500	4.8	31	6	2	30	12 48	0	0
12	352	26.188	5.3	32	21	30	12 68	3	0	0
13	351	25.686	5.7	33	39	2	30	12 68	0	0
14	350	25.336	5.9	34	10	2	30	12 68	0	0
15	183	24.991	5.8	35	-37	2	30	12 68	0	0
16	349	24.825	6.5	36	0	2	30	12 68	0	0
17	348	24.436	6.6	37	5	2	30	12 68	0	0
18	347	24.047	6.9	38	3	2	30	12 88	0	0
19	346	23.652	7.1	39	0	2	30	12 88	0	0
20	345	23.260	7.3	40	6	2	30	12 88	0	0

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 4
SHOT TIME: 47: 5:37: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	305	7.868	16.6	61	3	1	30	12 68	0	0
2	306	8.264	16.1	62	-2	1	30	12 88	0	0
3	307	8.686	15.5	63	8	1	30	12 88	0	0
4	311	8.852	15.4	64	23	1	30	12 88	7	7
5	308	9.057	15.2	65	-8	1	30	12 88	7	0
6	309	9.469	14.7	66	3	1	30	12 88	0	0
7	310	9.857	14.4	67	-11	1	30	12 68	0	0
8	312	10.223	11.3	68	-6	1	30	12 68	0	0
9	313	10.621	11.7	69	1	1	30	12 48	0	0
10	314	11.024	12.1	70	48	1	30	12 48	0	0
11	315	11.429	12.5	71	7	30	12 48	1	0	0
12	316	11.819	12.8	72	30	1	30	12 48	0	0
13	317	12.118	13.1	73	-9	1	30	12 48	0	0
14	318	12.517	13.4	74	1	1	30	12 48	0	0
15	319	12.914	13.7	75	2	30	12 48	0	0	0
16	320	13.283	14.0	76	2	1	30	12 48	0	0
17	321	13.710	14.2	77	7	2	30	12 48	0	0
18	322	14.103	14.5	78	0	2	30	12 48	0	0
19	323	14.568	12.0	79	8	2	30	12 68	0	0
20	324	14.965	11.8	80	13	2	30	12 68	0	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 5
SHOT TIME: 47: 5:37; 0.012

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	285	0.009	151.7	81	-30		30	12	88	1
2	286	0.459	8.6	82	-8	3	30	12	88	0
3	287	0.850	5.4	83	22	1	30	12	88	0
4	288	1.263	3.6	84	-17	2	30	12	88	0
5	289	1.668	1.7	85	1	1	30	12	88	0
6	290	2.077	359.9	86	-3	1	30	12	88	0
7	291	2.449	2.5	87	11	1	30	12	88	0
8	292	2.838	5.8	88	23	1	30	12	88	0
9	293	3.207	8.2	89	-3	1	30	12	68	0
10	294	3.604	10.0	90	11	1	30	12	68	0
11	295	3.974	11.6	91	20		30	12	68	1
12	296	4.381	12.8	92	0	1	30	12	68	0
13	297	4.770	13.8	93	-3	1	30	12	68	0
14	298	5.187	15.0	94	-112		30	12	68	1
15	299	5.572	15.6	95	0	1	30	12	88	0
16	300	5.987	16.0	96	-23	1	30	12	88	0
17	301	6.376	16.6	97	-4	1	30	12	88	0
18	302	6.775	17.2	98	-18	1	30	12	88	0
19	303	7.173	17.6	99	20	1	30	12	88	0
20	304	7.567	17.0	100	13		30	12	88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 29 SHOT POINT 7 TEAM 6
SHOT TIME: 47: 5:37; 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	383	38.180	6.5	101	19	2	30	12 88	0
2	382	37.782	6.6	102	13	2	30	12 88	0
3	381	37.611	6.7	103	-6	2	30	12 88	0
4	380	36.967	6.7	104	-3	2	30	12 88	0
5	379	36.601	6.8	105	26	2	30	12 88	0
6	378	36.189	6.8	106	-10	2	30	12 68	0
7	377	35.722	6.6	107	20	2	30	12 68	0
8	376	35.427	6.5	108	-3	2	30	12 68	0
9	375	35.011	6.4	109	7	2	30	12 68	0
10	374	34.447	5.9	110	22	2	30	12 68	0
11	373	34.161	5.8	111	9	2	30	12 68	0
12	372	33.897	5.3	112	1	2	30	12 68	0
13	371	33.567	5.4	113	-15	2	30	12 68	0
14	370	33.200	5.0	114	-2	2	30	12 68	0
15	369	32.817	4.8	115	4	2	30	12 88	0
16	368	32.384	5.1	116	11	2	30	12 88	0
17	367	32.004	5.2	117	-20	2	30	12 88	0
18	366	31.604	5.3	118	3	2	30	12 88	0
19	365	31.220	5.4	119	4	2	30	12 88	0
20	364	31.070	5.7	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 1
SHOT TIME: 47: 7: 1; 0.006

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	8	24.322	191.4	1	17	2	30	12	88	0
2	9	31.611	185.6	2	2	1	30	12	88	0
3	284	16.223	191.0	3	11	2	30	12	88	0
4	283	16.560	191.0	4	-21	2	30	12	88	0
5	282	16.973	190.8	5	14	2	30	12	88	1
6	281	17.428	190.7	6	8	2	30	12	88	0
7	13	6.926	357.9	7	-9	1	30	12	88	0
8	10	36.983	11.4	8	7	2	30	12	88	0
9	29	28.322	238.7	9	16	2	30	12	88	0
10	5	15.268	304.3	10	-7	2	30	12	88	0
11	41	34.963	329.2	11	-42	2	30	12	48	0
12	384	23.132	3.0	12	13	2	30	12	88	0
13	385	23.491	2.8	13	2	2	30	12	88	0
14	386	23.818	3.4	14	-33	2	30	12	68	0
15	387	24.220	2.9	15	5	2	30	12	68	0
16	388	24.534	3.0	16	-8	2	30	12	48	6
17	86	12.151	45.0	17	25	1	30	12	48	0
18	87	12.941	37.1	18	-24	2	30	12	48	0
19	88	14.020	30.5	19	62	1	30	12	48	0
20	89	14.990	26.8	20	-14	2	30	12	48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 2
SHOT TIME: 47: 7: 1; 0.006

	LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	363	14.939	359.2	21	-15	2	30	12	88	0
2	362	14.569	358.3	22	11	2	30	12	88	0
3	361	14.212	357.4	23	22	1	30	12	88	0
4	360	13.880	356.5	24	-6	2	30	12	88	0
5	359	13.587	355.5	25	-3	2	30	12	88	3
6	358	13.187	355.0	26	3	2	30	12	68	0
7	357	12.678	356.3	27	6	2	30	12	68	0
8	356	12.217	356.6	28	-102	2	30	12	68	0
9	355	11.813	356.3	29	12	2	30	12	68	0
10	354	11.373	355.6	30	7	1	30	12	68	0
11	353	10.907	355.6	31	6	1	30	12	48	0
12	352	10.563	356.5	32	22	1	30	12	68	0
13	351	10.045	356.9	33	41	1	30	12	68	0
14	350	9.680	357.3	34	11	1	30	12	68	0
15	183	9.350	356.5	35	-39	1	30	12	68	0
16	349	9.142	358.2	36	0	1	30	12	68	0
17	348	8.745	358.3	37	5	1	30	12	68	0
18	347	8.347	358.5	38	3	1	30	12	88	0
19	346	7.944	358.7	39	0	1	30	12	88	0
20	345	7.541	359.1	40	6	1	30	12	88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 3
SHOT TIME: 47: 7: 1: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	344	7.135	359.3	41	-26	1	30	12 88	0
2	343	6.726	359.8	42	8	1	30	12 88	0
3	342	6.329	359.7	43	5	1	30	12 88	0
4	341	5.931	359.9	44	8	1	30	12 88	0
5	340	5.529	0.0	45	0	1	30	12 88	0
6	339	5.122	0.2	46	21	1	30	12 88	6
7	338	4.708	0.5	47	-3	1	30	12 68	0
8	337	4.161	358.9	48	0	1	30	12 68	21
9	336	3.747	358.9	49	8	11	30	12 68	0
10	335	3.360	358.7	50	-3	1	30	12 68	0
11	334	3.036	359.8	51	--	1	30	12 68	0
12	333	2.719	2.5	52	-21	1	30	12 68	0
13	332	2.256	3.6	53	8	1	30	12 68	0
14	331	1.855	3.6	54	-9	1	30	12 88	0
15	330	1.453	3.9	55	-4	1	30	12 88	0
16	329	1.050	4.1	56	20	1	30	12 88	0
17	328	0.650	3.9	57	6	3	30	12 88	0
18	327	0.216	6.7	58	15	3	30	12 88	0
19	326	0.062	131.5	59	-3	3	30	12 88	0
20	325	0.489	178.9	60	-7	3	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 4
SHOT TIME: 47: 7: 1: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	305	8.036	186.0	61	3	3	30	12 68	0
2	306	7.632	186.0	62	-2	1	30	12 88	0
3	307	7.203	186.0	63	8	1	30	12 88	0
4	311	7.035	186.0	64	24	1	30	12 88	0
5	308	6.827	186.0	65	-8	1	30	12 88	0
6	309	6.410	186.1	66	3	1	30	12 88	0
7	310	6.017	186.1	67	-12	1	30	12 68	0
8	312	5.611	191.2	68	-6	1	30	12 68	0
9	313	5.215	190.2	69	1	3	30	12 48	0
10	314	4.815	189.3	70	50	3	30	12 48	0
11	315	4.415	188.1	71	7	3	30	12 48	1
12	316	4.033	186.6	72	31	3	30	12 48	0
13	317	3.743	185.2	73	-9	3	30	12 48	0
14	318	3.361	183.1	74	1	3	30	12 48	0
15	319	2.984	180.6	75	2	3	30	12 48	0
16	320	2.643	177.5	76	2	3	30	12 48	0
17	321	2.259	172.8	77	7	3	30	12 48	0
18	322	1.926	166.9	78	0	1	30	12 48	0
19	323	1.283	182.5	79	8	3	30	12 68	0
20	324	0.884	181.1	80	14	3	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 5
SHOT TIME: 47: 7: 1: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	285	15.841	191.2	81	-32		30	12 88	1
2	286	15.376	191.3	82	-8	2	30	12 88	0
3	287	14.989	191.6	83	23	2	30	12 88	0
4	288	14.584	191.9	84	-18	2	30	12 88	0
5	289	14.192	192.4	85	1	2	30	12 88	0
6	290	13.804	192.9	86	-3	2	30	12 88	0
7	291	13.419	192.8	87	11	1	30	12 88	0
8	292	13.012	192.4	88	25	2	30	12 88	0
9	293	12.634	192.0	89	-3	2	30	12 68	0
10	294	12.232	191.6	90	12	2	30	12 68	0
11	295	11.860	191.1	91	21		30	12 68	1
12	296	11.456	190.6	92	0	2	30	12 68	0
13	297	11.071	190.1	93	-4	1	30	12 68	0
14	298	10.664	189.4	94	-118		30	12 68	1
15	299	10.287	188.9	95	-2	1	30	12 88	0
16	300	9.881	188.4	96	-24	1	30	12 88	0
17	301	9.506	187.6	97	-4	1	30	12 88	0
18	302	9.124	186.8	98	-19	1	30	12 88	0
19	303	8.743	186.0	99	21	1	30	12 88	0
20	304	8.341	186.0	100	14		30	12 88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 30 SHOT POINT 14 TEAM 6
SHOT TIME: 47: 7: 1: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	383	22.440	3.1	101	20	2	30	12 88	0
2	382	22.036	3.3	102	13	2	30	12 88	0
3	381	21.863	3.4	103	-6		30	12 88	0
4	380	21.218	3.4	104	-3	2	30	12 88	0
5	379	20.849	3.5	105	27	2	30	12 88	0
6	378	20.440	3.3	106	-10	2	30	12 68	0
7	377	19.980	2.9	107	21	2	30	12 68	0
8	376	19.691	2.7	108	-3	2	30	12 68	0
9	375	19.279	2.4	109	7	2	30	12 68	0
10	374	18.740	1.4	110	23	2	30	12 68	0
11	373	18.457	1.2	111	9	2	30	12 68	0
12	372	18.220	0.2	112	1	3	30	12 68	0
13	371	17.890	0.2	113	-16	2	30	12 68	0
14	370	17.546	359.3	114	-2	2	30	12 68	0
15	369	17.175	358.9	115	4	2	30	12 88	0
16	368	16.727	359.3	116	12	2	30	12 88	0
17	367	16.346	359.3	117	-21	2	30	12 88	0
18	366	15.938	359.4	118	3	2	30	12 88	0
19	365	15.554	359.4	119	4	2	30	12 88	0
20	364	15.387	360.0	120	0	2	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 31 SHOT POINT 13 TEAM 1
SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	8	31.100	188.4	1	17	2	30	12 88	0
2	9	38.487	184.2	2	2	2	30	12 88	0
3	284	23.022	187.1	3	11	2	30	12 88	0
4	283	23.359	187.2	4	-21	2	30	12 88	0
5	282	23.775	187.1	5	14		30	12 88	1
6	281	24.232	187.1	6	8	2	30	12 88	0
7	13	0.000	180.0	7	-9	3	30	12 88	0
8	10	30.288	14.4	8	7	2	30	12 88	0
9	29	32.268	227.9	9	16	1	30	12 88	0
10	5	12.474	277.8	10	-7	2	30	12 88	0
11	41	29.080	322.6	11	-43	2	30	12 88	0
12	384	16.244	5.1	12	13	2	30	12 88	0
13	385	16.600	4.9	13	2	1	30	12 88	0
14	386	16.935	5.6	14	-33	1	30	12 88	0
15	387	17.329	4.8	15	5	2	30	12 88	0
16	388	17.644	4.9	16	-8		30	12 48	6
17	86	8.998	79.3	17	25	1	30	12 48	0
18	87	8.737	67.1	18	-24	1	30	12 48	0
19	89	9.529	47.4	19	62	1	30	12 48	0
20	89	9.529	47.4	20	-14	3	30	12 48	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 31 SHOT POINT 13 TEAM 3
SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	344	0.270	37.8	41	-26	3	30	12 88	0
2	343	0.296	131.4	42	8	3	30	12 88	0
3	342	0.631	160.0	43	5	3	30	12 88	0
4	341	1.018	166.7	44	8	1	30	12 88	0
5	340	1.415	169.8	45	0	1	30	12 88	0
6	339	1.819	171.7	46	21		30	12 88	6
7	338	2.232	172.6	47	-3	1	30	12 68	0
8	337	2.766	176.6	48	0		30	12 68	21
9	336	3.180	176.8	49	8	3	30	12 68	0
10	335	3.567	177.2	50	-3	1	30	12 68	0
11	334	3.893	176.5	51	--	1	30	12 68	0
12	333	4.221	175.0	52	-21	1	30	12 68	0
13	332	4.686	175.2	53	8	1	30	12 68	0
14	331	5.083	175.9	54	-9	1	30	12 88	0
15	330	5.483	176.4	55	-4	1	30	12 88	0
16	329	5.883	176.9	56	20	1	30	12 88	0
17	328	6.280	177.3	57	6	1	30	12 88	0
18	327	6.713	177.7	58	15	1	30	12 88	0
19	326	6.969	177.6	59	-3	1	30	12 88	0
20	325	7.415	178.0	60	-7	1	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 31 SHOT POINT 13 TEAM 2
SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	363	8.016	0.3	21	-15	1	30	12 88	0
2	362	7.643	358.6	22	11	1	30	12 88	0
3	361	7.287	356.9	23	22	1	30	12 88	0
4	360	6.958	355.0	24	-6	1	30	12 88	0
5	359	6.674	353.0	25	-3		30	12 88	3
6	358	6.280	351.8	26	3	1	30	12 68	0
7	357	5.758	354.4	27	6	1	30	12 68	0
8	356	5.295	354.9	28	-102	1	30	12 68	0
9	355	4.894	354.0	29	12	1	30	12 68	0
10	354	4.462	351.9	30	7	1	30	12 68	0
11	353	3.998	351.4	31	6	3	30	12 48	0
12	352	3.644	353.7	32	22	3	30	12 68	0
13	351	3.123	354.5	33	41	3	30	12 68	0
14	350	2.755	355.6	34	11	3	30	12 68	0
15	183	2.433	352.5	35	-39	3	30	12 68	0
16	349	2.216	358.8	36	0	3	30	12 68	0
17	348	1.820	359.7	37	5	3	30	12 68	0
18	347	1.423	1.4	38	3	1	30	12 88	0
19	346	1.023	3.9	39	0	3	30	12 88	0
20	345	0.630	11.3	40	6	3	30	12 88	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
SHOT NUMBER 31 SHOT POINT 13 TEAM 4
SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	305	14.926	182.2	61	3		30	12 68	1
2	306	14.522	182.2	62	-2	2	30	12 88	0
3	307	14.093	182.1	63	8	2	30	12 88	0
4	311	13.926	182.0	64	24	2	30	12 88	0
5	308	13.718	182.0	65	-8	2	30	12 88	0
6	309	13.302	181.8	66	3	1	30	12 88	0
7	310	12.910	181.7	67	-12	1	30	12 68	0
8	312	12.455	183.9	68	-6	1	30	12 68	0
9	313	12.073	183.2	69	1	1	30	12 48	0
10	314	11.685	182.6	70	50	1	30	12 48	0
11	315	11.299	181.9	71	7		30	12 48	1
12	316	10.931	181.1	72	31	1	30	12 48	0
13	317	10.650	180.5	73	-9	1	30	12 48	0
14	318	10.278	179.6	74	1	1	30	12 48	0
15	319	9.908	178.7	75	2	2	30	12 48	0
16	320	9.569	177.8	76	2	1	30	12 48	0
17	321	9.178	176.7	77	7	1	30	12 48	0
18	322	8.824	175.5	78	0	1	30	12 48	0
19	323	8.205	178.7	79	8	1	30	12 68	0
20	324	7.809	178.3	80	14	1	30	12 68	0

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
 SHOT NUMBER 31 SHOT POINT 13 TEAM 5
 SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	285	22.638	187.2	81	-31	30	12	88	1
2	286	22.172	187.2	82	-8	2	30	12	88
3	287	21.781	187.3	83	23	2	30	12	88
4	288	21.371	187.4	84	-18	2	30	12	88
5	289	20.971	187.6	85	1	30	12	88	0
6	290	20.573	187.9	86	-3	2	30	12	88
7	291	20.191	187.8	87	12	1	30	12	88
8	292	19.794	187.4	88	25	2	30	12	88
9	293	19.425	187.0	89	-3	2	30	12	88
10	294	19.032	186.7	90	12	2	30	12	88
11	295	18.671	186.3	91	21	30	12	88	1
12	296	18.276	185.9	92	0	2	30	12	88
13	297	17.901	185.5	93	-3	2	30	12	88
14	298	17.506	184.9	94	-118	30	12	88	1
15	299	17.137	184.5	95	0	2	30	12	88
16	300	16.740	184.1	96	-24	2	30	12	88
17	301	16.375	183.5	97	-4	1	30	12	88
18	302	16.002	183.0	98	-19	1	30	12	88
19	303	15.631	182.4	99	21	1	30	12	88
20	304	15.229	182.4	100	14	30	12	88	1

DKDAT FIELD DATA TABLE

NEVADA TEST SITE 1985
 SHOT NUMBER 31 SHOT POINT 13 TEAM 6
 SHOT TIME: 47: 7: 3: 0.018

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	383	15.554	5.4	101	20	2	30	12	88
2	382	15.154	5.7	102	13	30	12	88	0
3	381	14.982	5.9	103	-6	1	30	12	88
4	380	14.338	6.0	104	-3	1	30	12	88
5	379	13.971	6.2	105	27	1	30	12	88
6	378	13.560	6.0	106	-10	1	30	12	88
7	377	13.094	5.6	107	21	1	30	12	88
8	376	12.801	5.3	108	-3	1	30	12	88
9	375	12.386	4.9	109	7	1	30	12	88
10	374	11.834	3.4	110	23	1	30	12	88
11	373	11.549	3.2	111	9	1	30	12	88
12	372	11.303	1.6	112	1	1	30	12	88
13	371	10.972	1.5	113	-16	1	30	12	88
14	370	10.623	0.2	114	-2	1	30	12	88
15	369	10.250	359.5	115	4	1	30	12	88
16	368	9.804	0.2	116	12	1	30	12	88
17	367	9.423	0.2	117	-21	1	30	12	88
18	366	9.016	0.6	118	3	1	30	12	88
19	365	8.631	0.5	119	4	1	30	12	88
20	364	8.468	1.6	120	0	1	30	12	88

APPENDIX C

FIRST-ARRIVAL TIMES (pp 65-96)

Information in columns includes shotpoint number, seismograph location number, travel-time picks in real time (difference between chronometer reading and origin time of shot) and reduced time ($T - x/6$; x is distance), distance (km) and azimuth (degrees from North) of the seismograph from the shot point, and weight of pick where weights were assigned for first-arrival times as follows:

- 0 - Excellent
- 1 - Good
- 2 - Fair
- 3 - Weak or Noisy
- 4 - Poor or Highly Emergent

SHOT 2				SHOT 2			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT 2
15	1	7.149	0.811	-38.028	270.400	4	
15	101	5.964	0.762	-31.209	271.800	4	
15	102	5.910	0.762	-30.884	271.700	4	
15	103	5.842	0.762	-30.477	271.700	4	
15	104	5.775	0.762	-30.076	271.600	4	
15	106	5.644	0.762	-29.292	271.300	4	
15	107	5.469	0.655	-28.887	271.200	4	
15	108	5.405	0.655	-28.503	270.700	4	
15	109	5.348	0.655	-28.161	270.200	4	
15	110	5.291	0.652	-27.833	269.800	4	
15	111	5.233	0.652	-27.485	269.400	4	
15	112	5.173	0.652	-27.126	268.900	4	
15	114	5.063	0.652	-26.463	267.900	4	
15	116	4.949	0.652	-25.781	268.500	4	
15	117	4.890	0.652	-25.431	269.100	4	
15	118	4.825	0.652	-25.041	269.400	4	
15	120	4.772	0.652	-24.722	268.700	4	
15	123	4.654	0.667	-23.924	266.500	4	
15	125	4.452	0.629	-22.937	267.200	4	
15	126	4.341	0.577	-22.585	267.900	4	
15	127	4.272	0.577	-22.174	268.600	4	
15	128	4.239	0.609	-21.780	269.300	4	
15	129	4.182	0.617	-21.386	270.000	4	
15	130	4.117	0.617	-20.999	270.600	4	
15	131	4.079	0.617	-20.770	271.700	4	
15	132	3.729	0.881	-17.086	273.800	4	
15	133	3.694	0.901	-16.755	274.200	3	
15	134	3.645	0.916	-16.375	274.000	3	
15	135	3.577	0.913	-15.984	273.800	3	
15	137	3.478	0.942	-15.218	273.100	3	
15	138	3.434	0.956	-14.863	272.500	3	
15	140	3.304	0.953	-14.103	271.200	3	
15	141	3.229	0.939	-13.743	270.500	3	
15	142	3.147	0.919	-13.373	269.900	3	
15	143	3.092	0.924	-13.004	269.100	3	
15	144	3.033	0.930	-12.617	268.300	3	
15	145	2.978	0.930	-12.289	267.500	3	
15	147	2.861	0.930	-11.586	265.400	3	
15	148	2.815	0.951	-11.186	264.500	3	
15	149	2.738	0.933	-10.828	264.700	3	
15	150	2.659	0.913	-10.479	265.300	3	
15	151	2.584	0.901	-10.099	266.300	3	
15	152	2.506	0.884	-9.735	267.500	3	
15	153	2.466	0.898	-9.405	268.600	3	
15	154	2.474	0.974	-9.000	269.100	2	
15	155	2.415	0.974	-8.650	270.100	2	
15	156	2.354	0.974	-8.284	271.400	2	
15	157	2.273	0.951	-7.933	273.400	2	
15	159	2.176	0.951	-7.350	277.600	2	
15	160	2.145	0.959	-7.116	280.000	2	
15	161	2.064	0.913	-6.906	282.500	2	
15	162	2.032	0.948	-6.504	284.200	2	
15	163	1.967	0.936	-6.187	287.600	2	
15	164	1.908	0.916	-5.953	290.500	2	
15	165	1.868	0.916	-5.713	293.800	3	
15	166	1.775	0.875	-5.398	297.300	3	
15	167	1.765	0.869	-5.371	301.300	3	
15	168	1.708	0.846	-5.170	306.500	3	
15	169	1.591	0.843	-4.484	311.700	3	
15	170	1.209	0.623	-3.513	317.200	4	
15	172	1.067	0.609	-2.749	321.300	4	
15	173	0.784	0.484	-1.800	316.400	4	
15	175	0.442	0.281	-0.969	307.200	4	
15	176	0.344	0.246	-0.587	309.400	4	
15	178	0.434	0.345	0.534	105.100	3	
15	179	0.536	0.380	0.939	105.600	0	
15	180	0.778	0.513	1.592	110.900	0	
15	181	0.973	0.580	2.359	71.000	1	
15	182	1.138	0.658	2.882	77.600	1	
15	183	1.213	0.698	3.087	78.000	4	
15	184	1.314	0.698	3.693	76.400	4	
15	185	1.417	0.733	4.104	76.300	4	
15	186	1.508	0.768	4.443	78.600	4	
15	187	1.652	0.849	4.817	80.600	4	
15	188	1.719	0.858	5.169	82.400	4	
15	189	1.769	0.846	5.536	84.000	2	
15	190	1.852	0.867	5.912	85.400	2	
15	191	1.894	0.846	6.290	86.700	2	
15	192	1.975	0.864	6.665	87.800	2	
15	194	2.128	0.890	7.430	89.600	2	
15	195	2.218	0.913	7.832	90.400	2	
15	196	2.284	0.913	8.227	91.100	2	
15	197	2.361	0.927	8.603	91.700	2	
15	198	2.433	0.936	8.983	92.400	2	
15	199	2.500	0.936	9.383	92.900	2	
15	200	2.554	0.922	9.792	93.400	2	
15	201	2.627	0.942	10.112	94.200	3	
15	202	2.688	0.942	10.479	95.600	3	
15	203	2.747	0.942	10.831	96.700	3	
15	204	2.806	0.942	11.182	97.800	4	
15	205	2.824	0.901	11.536	98.800	2	
15	206	2.900	0.919	11.885	99.800	2	
15	207	2.949	0.904	12.266	99.500	2	
15	208	2.955	0.849	12.633	98.800	4	
15	209	3.018	0.849	13.011	98.100	4	
15	210	3.112	0.875	13.420	97.500	4	
15	211	3.175	0.875	13.801	96.900	4	
15	212	3.231	0.867	14.185	96.200	4	
15	213	3.250	0.814	14.616	95.600	4	
15	215	3.446	0.904	15.253	94.700	4	
15	216	3.503	0.904	15.594	94.300	4	
15	217	3.584	0.904	16.081	93.800	4	
15	218	3.640	0.896	16.467	93.300	3	

SHOT 2, SHOTPOINT 15				SHOT 3, SHOTPOINT 2			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	
15	219	3.705	0.896	16.855	92.900	4	
15	220	3.770	0.896	17.248	92.500	4	
15	221	3.835	0.896	17.640	92.100	4	
15	222	3.893	0.829	18.024	91.700	4	
15	223	3.897	0.829	18.408	91.300	4	
15	224	5.881	0.869	30.069	88.600	3	
2	1	1.905	0.752	-6.915	263.900	3	
2	101	0.044	0.037	0.044	276.600	0	
2	102	0.252	0.204	0.287	103.300	2	
2	103	0.461	0.346	0.690	95.800	2	
2	104	0.580	0.398	1.095	97.300	3	
2	105	0.757	0.509	1.493	99.900	3	
2	106	0.901	0.585	1.898	100.700	2	
2	107	0.973	0.589	2.303	99.600	2	
2	108	1.058	0.602	2.733	104.200	2	
2	109	1.121	0.602	3.115	106.300	2	
2	110	1.203	0.622	3.486	107.900	2	
2	111	1.285	0.637	3.888	109.400	2	
2	112	1.366	0.648	4.308	110.700	2	
2	113	1.428	0.646	4.695	111.600	4	
2	114	1.529	0.680	5.093	112.500	3	
2	116	1.535	0.617	5.627	107.100	3	
2	117	1.617	0.635	5.891	103.700	4	
2	118	1.686	0.646	6.240	101.600	3	
2	120	1.759	0.656	6.619	103.500	3	
2	123	1.947	0.667	7.676	108.600	3	
2	125	2.036	0.617	8.510	104.400	3	
2	126	2.084	0.622	8.774	102.000	3	
2	127	2.132	0.613	9.117	99.800	3	
2	128	2.202	0.626	9.457	97.700	3	
2	129	2.236	0.600	9.816	95.800	3	
2	130	2.299	0.602	10.182	94.400	2	
2	131	2.346	0.613	10.396	92.200	2	
2	132	3.000	0.648	14.114	88.800	2	
2	133	3.078	0.672	14.439	89.100	2	
2	134	3.141	0.672	14.813	89.500	2	
2	135	3.229	0.696	15.200	89.700	2	
2	137	3.411	0.752	15.954	90.700	2	
2	138	3.502	0.785	16.303	91.200	2	
2	140	3.653	0.809	17.064	92.300	3	
2	141	3.764	0.859	17.430	92.900	3	
2	142	3.868	0.900	17.807	93.300	4	
2	143	3.955	0.924	18.188	93.800	4	
2	144	4.055	0.956	18.591	94.200	4	
2	145	4.089	0.933	18.937	94.700	4	
2	147	4.222	0.939	19.697	95.600	4	
2	148	4.198	0.843	20.125	95.900	3	
2	149	4.301	0.890	20.469	95.600	3	
2	150	4.427	0.962	20.790	95.100	3	
2	151	4.439	0.916	21.137	94.500	4	
2	152	4.495	0.916	21.473	93.800	4	
SHOT 3, SHOTPOINT 2				SHOT 3, SHOTPOINT 2			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	
153	153	4.569	0.939	21.782	93.200	4	
154	154	4.601	0.904	22.181	92.900	4	
155	155	4.722	0.968	22.521	92.500	4	
156	156	4.793	0.980	22.882	92.000	4	
157	157	4.887	1.014	23.236	91.300	4	
159	159	4.838	0.861	23.862	90.100	3	
160	160	4.881	0.858	24.141	89.400	3	
161	161	4.961	0.893	24.410	88.800	4	
162	162	5.225	1.084	24.847	88.600	4	
163	163	5.115	0.904	25.264	88.000	4	
164	164	5.184	0.919	25.592	87.600	4	
165	165	5.258	0.933	25.950	87.100	4	
166	166	5.366	0.968	26.388	86.800	4	
167	167	5.453	1.017	26.617	86.100	4	
168	168	5.499	0.988	27.065	85.600	4	
169	169	5.633	0.988	27.866	85.900	4	
170	170	5.652	0.852	28.801	86.900	4	
172	172	5.668	0.759	29.451	87.800	4	
173	173	5.712	0.727	29.907	89.400	4	
175	175	5.791	0.727	30.379	90.800	3	
176	176	5.899	0.782	30.702	91.200	3	
178	178	6.089	0.809	31.685	92.100	4	
179	179	6.172	0.826	32.079	92.200	4	
180	180	6.176	0.730	32.675	92.700	4	
181	181	6.325	0.762	33.379	90.400	4	
182	182	6.423	0.762	33.965	90.600	4	
184	184	6.552	0.762	34.737	90.200	4	
185	185	6.618	0.762	35.135	90.000	4	
186	186	6.711	0.794	35.502	90.200	4	
187	187	6.777	0.794	35.901	90.300	4	
188	188	6.839	0.794	36.272	90.500	4	
189	189	6.897	0.788	36.655	90.600	4	
190	190	7.044	0.869	37.045	90.800	4	
191	191	7.108	0.869	37.433	91.000	4	
192	192	7.178	0.875	37.816	91.100	4	
193	193	7.243	0.875	38.207	91.300	4	
194	194	7.307	0.875	38.590	91.400	4	
195	195	7.374	0.875	38.995	91.600	4	
196	196	7.388	0.823	39.392	91.700	4	
198	198	7.491	0.800	40.148	92.000	4	
199	199	7.590	0.832	40.547	92.100	4	
200	200	7.658	0.832	40.955	92.200	4	
201	201	7.710	0.832	41.271	92.400	4	
202	202	7.770	0.832	41.628	92.800	4	
203	203	7.826	0.832	41.968	93.100	4	
204	204	7.882	0.832	42.304	93.400	4	
205	205	7.875	0.768	42.642	93.700	4	
207	207	7.994	0.768	43.356	94.000	4	
209	209	8.122	0.768	44.124	93.700	4	
210	210	8.192	0.768	44.541	93.500	4	
211	211	8.257	0.768	44.932	93.400	4	
212	212	8.322	0.768	45.324	93.200	4	

SHOT 3, SHOTPOINT 2							SHOT 4, SHOTPOINT 5						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
2	213	8.395	0.768	45.762	93.000	4	5	151	0.587	0.388	-1.195	242.200	4
2	215	8.502	0.768	46.407	92.800	4	5	152	0.435	0.304	-0.782	244.200	3
2	216	8.560	0.768	46.751	92.600	4	5	153	0.297	0.229	-0.408	249.400	3
2	218	8.706	0.768	47.630	92.300	4	5	154	0.056	0.046	0.059	158.400	0
2	219	8.771	0.768	48.019	92.200	4	5	155	0.290	0.226	0.384	74.500	1
2	220	8.837	0.768	48.413	92.100	4	5	156	0.514	0.382	0.792	68.900	3
2	221	8.902	0.768	48.805	91.900	4	5	157	0.631	0.426	1.231	63.400	4
2	222	8.966	0.768	49.189	91.800	4	5	159	0.790	0.452	2.028	58.700	2
2	223	9.030	0.768	49.572	91.700	4	5	160	0.990	0.588	2.410	56.600	3
2	224	11.297	1.096	61.206	90.200	4	5	161	1.050	0.588	2.772	55.200	3
5	1	5.916	1.081	-29.009	270.700	3	5	162	1.134	0.603	3.190	58.300	3
	101	4.685	0.985	-22.200	272.800	3	5	163	1.231	0.617	3.686	57.900	3
	102	4.608	0.962	-21.874	272.700	3	5	164	1.432	0.753	4.068	57.800	3
	103	4.543	0.965	-21.467	272.700	4	5	165	1.643	0.896	4.482	57.800	3
	104	4.485	0.974	-21.065	272.600	3	5	166	1.678	0.855	4.937	58.800	3
	105	4.391	0.945	-20.676	272.300	3	5	167	1.831	0.951	5.284	57.000	2
	106	4.296	0.916	-20.278	272.100	4	5	168	2.056	1.090	5.797	57.000	2
	107	4.228	0.916	-19.873	272.000	4	5	169	2.202	1.127	6.447	61.600	3
	108	4.187	0.939	-19.486	271.200	4	5	170	2.258	1.067	7.147	68.100	4
	109	4.126	0.936	-19.142	270.600	4	5	172	2.357	1.084	7.636	73.000	3
	110	4.028	0.893	-18.813	270.000	4	5	173	2.355	1.038	7.902	79.900	2
	111	4.013	0.936	-18.464	269.400	4	5	175	2.385	1.006	8.275	85.300	2
	112	3.957	0.939	-18.106	268.600	4	5	176	2.435	1.006	8.579	86.900	2
	114	3.844	0.936	-17.447	267.200	4	5	178	2.540	0.951	9.536	90.300	2
	116	3.718	0.924	-16.762	268.100	4	5	179	2.602	0.948	9.927	91.000	2
	117	3.662	0.927	-16.410	268.900	4	5	180	2.675	0.922	10.519	92.600	2
	118	3.592	0.922	-16.020	269.400	4	5	181	2.785	0.904	11.283	85.700	3
	120	3.524	0.907	-15.702	268.300	4	5	182	2.880	0.904	11.856	86.600	3
123	3.411	0.924	-14.922	264.700	4	5	183	2.886	0.875	12.062	86.500	4	
125	3.237	0.916	-13.927	265.800	4	5	184	3.023	0.916	12.646	85.700	3	
126	3.160	0.898	-13.569	266.900	4	5	185	3.088	0.913	13.051	85.300	3	
127	3.071	0.878	-13.154	268.000	4	5	186	3.145	0.910	13.410	85.900	3	
128	2.967	0.840	-12.759	269.200	4	5	187	3.155	0.855	13.800	86.400	3	
129	2.890	0.829	-12.366	270.400	4	5	188	3.230	0.869	14.165	86.900	3	
130	2.823	0.826	-11.982	271.500	4	5	189	3.238	0.814	14.540	87.400	3	
131	2.870	0.910	-11.761	273.400	4	5	190	3.302	0.814	14.924	87.900	4	
132	2.266	0.910	-8.136	279.800	4	5	191	3.415	0.864	15.306	88.300	4	
133	2.207	0.907	-7.800	279.600	3	5	192	3.512	0.898	15.684	88.700	4	
134	2.146	0.910	-7.417	279.500	3	5	193	3.560	0.881	16.071	89.200	4	
135	2.055	0.884	-7.024	279.500	2	5	194	3.603	0.861	16.451	89.500	4	
138	1.843	0.864	-5.875	277.100	2	5	195	3.609	0.800	16.852	89.900	4	
140	1.678	0.829	-5.095	274.400	2	5	196	3.686	0.811	17.246	90.200	4	
141	1.599	0.811	-4.727	272.500	1	5	197	3.748	0.811	17.620	90.600	4	
142	1.540	0.814	-4.353	270.700	2	5	198	3.811	0.811	17.998	90.900	4	
143	1.374	0.710	-3.984	268.300	3	5	199	3.959	0.893	18.396	91.200	4	
144	1.302	0.701	-3.602	265.400	3	5	200	4.023	0.890	18.802	91.500	3	
145	1.174	0.626	-3.288	262.000	3	5	201	4.102	0.916	19.117	91.900	3	
147	0.983	0.539	-2.664	251.700	3	5	202	4.161	0.916	19.472	92.700	4	
148	0.861	0.472	-2.333	244.900	3	5	203	4.218	0.916	19.813	93.400	4	
149	0.783	0.452	-1.986	242.400	3	5	204	4.034	0.675	20.150	94.100	4	
150	0.658	0.388	-1.618	241.600	4	5	205	4.090	0.675	20.490	94.700	4	
							206	4.146	0.675	20.824	95.300	4	

SHOT 4, SHOTPOINT 5										SHOT 5, SHOTPOINT 19									
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT						
5	207	4.193	0.658	21.208	95.200	4	19	144	3.513	1.217	13.774	183.900	2						
5	208	4.221	0.623	21.585	94.900	4	19	145	3.512	1.191	13.923	182.400	2						
5	210	4.328	0.597	22.338	94.300	4	19	147	3.573	1.191	14.292	179.500	2						
5	211	4.364	0.568	22.777	93.900	4	19	148	3.562	1.153	14.453	177.800	2						
5	212	4.455	0.594	23.168	93.600	4	19	149	3.557	1.156	14.401	176.400	2						
5	213	4.517	0.582	23.606	93.200	4	19	150	3.556	1.177	14.278	175.000	2						
5	215	4.624	0.582	24.251	92.700	4	19	151	3.568	1.217	14.103	173.500	2						
5	216	4.644	0.545	24.596	92.500	4	19	152	3.539	1.217	13.932	171.900	2						
5	218	4.994	0.748	25.476	91.900	4	19	153	3.515	1.217	13.787	170.500	2						
5	219	5.059	0.748	25.866	91.700	4	19	154	3.513	1.217	13.772	168.800	2						
5	220	5.124	0.748	26.261	91.400	4	19	155	3.499	1.217	13.690	167.200	2						
5	221	5.190	0.748	26.655	91.200	4	19	156	3.484	1.217	13.600	165.500	2						
5	222	5.208	0.701	27.040	90.900	4	19	157	3.457	1.217	13.439	163.800	2						
5	223	5.261	0.690	27.426	90.700	4	19	159	3.392	1.200	13.156	160.500	2						
5	224	7.280	0.765	39.089	88.800	4	19	160	3.366	1.200	12.997	158.900	2						
19	1	5.866	0.965	29.407	243.500	2	19	161	3.343	1.200	12.858	157.400	4						
19	101	4.824	0.977	23.086	237.600	1	19	162	3.319	1.162	12.943	155.500	3						
19	102	4.785	0.977	22.853	237.000	1	19	163	3.324	1.180	12.867	153.300	3						
19	103	4.744	0.991	22.514	236.500	1	19	164	3.355	1.217	12.828	151.600	2						
19	104	4.686	0.982	22.221	235.700	1	19	165	3.348	1.214	12.804	149.800	3						
19	105	4.644	0.982	21.972	234.900	1	19	166	3.364	1.217	12.883	147.700	4						
19	106	4.557	0.939	21.708	234.100	1	19	167	3.316	1.194	12.730	146.200	4						
19	107	4.466	0.898	21.406	233.400	2	19	168	3.319	1.194	12.747	143.900	4						
19	108	4.400	0.855	21.272	232.200	2	19	169	3.511	1.293	13.310	141.300	4						
19	109	4.394	0.872	21.131	231.200	2	19	170	3.616	1.243	14.236	139.300	2						
19	110	4.375	0.875	21.002	230.200	2	19	172	3.706	1.206	15.001	138.400	4						
19	111	4.337	0.858	20.877	229.100	2	19	173	3.800	1.142	15.948	139.100	4						
19	112	4.318	0.858	20.759	228.000	2	19	175	3.852	1.052	16.799	139.500	4						
19	114	4.284	0.858	20.555	225.900	3	19	176	3.913	1.052	17.168	139.200	4						
19	116	4.170	0.858	19.870	225.100	3	19	178	4.084	1.052	18.192	137.900	4						
19	117	4.098	0.858	19.443	224.900	4	19	179	4.122	1.032	18.539	137.300	4						
19	118	4.037	0.858	19.073	224.400	3	19	180	4.212	1.017	19.167	136.600	3						
19	120	4.034	0.858	19.058	223.100	3	19	181	4.112	0.985	18.762	132.200	3						
19	123	4.056	0.858	19.188	219.400	4	19	182	4.187	0.971	19.297	131.300	3						
19	125	3.847	0.794	18.319	217.800	4	19	183	4.210	0.971	19.435	130.900	3						
19	126	3.824	0.843	17.884	217.500	3	19	184	4.351	1.064	19.725	129.300	3						
19	127	3.709	0.806	17.419	217.000	4	19	185	4.392	1.064	19.970	128.400	3						
19	128	3.591	0.765	16.958	216.500	4	19	186	4.417	1.032	20.314	127.900	3						
19	129	3.630	0.878	16.514	216.000	4	19	187	4.468	1.020	20.686	127.500	3						
19	130	3.520	0.835	16.111	215.300	4	19	188	4.504	0.997	21.043	127.100	3						
19	131	3.467	0.858	15.656	215.400	4	19	189	4.545	0.977	21.409	126.700	3						
19	132	3.134	0.933	13.206	203.900	2	19	191	4.659	0.965	22.162	125.900	3						
19	133	3.125	0.933	13.150	202.500	3	19	192	4.697	0.942	22.532	125.600	3						
19	134	3.114	0.933	13.087	200.800	4	19	193	4.804	0.985	22.914	125.200	4						
19	135	3.164	0.994	13.018	199.100	3	19	194	4.888	1.009	23.278	124.900	4						
19	137	3.294	1.122	13.034	195.600	2	19	195	4.952	1.006	23.675	124.600	4						
19	138	3.304	1.119	13.112	194.000	2	19	196	5.000	0.991	24.053	124.200	4						
19	140	3.336	1.122	13.288	190.500	3	19	197	5.061	0.991	24.420	123.900	4						
19	141	3.390	1.156	13.404	188.800	3	19	199	5.249	1.052	25.181	123.300	3						
19	142	3.433	1.182	13.505	187.200	2	19	200	5.295	1.032	25.577	123.000	3						
19	143	3.504	1.232	13.635	185.500	2	19	201	5.326	1.006	25.922	123.000	3						
19	143	3.504	1.232	13.635	185.500	2	19	202	5.382	0.988	26.365	123.100	4						

SHOT 5, SHOTPOINT 19							SHOT 6, SHOTPOINT 17						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
19	203	5.428	0.965	26.777	123.100	4	17	143	6.139	0.901	-31.426	270.400	4
19	204	5.461	0.930	27.185	123.200	4	17	144	6.074	0.901	-31.034	270.100	4
19	205	5.514	0.916	27.588	123.300	4	17	147	5.898	0.901	-29.977	269.000	4
19	206	5.574	0.910	27.986	123.300	4	17	148	5.814	0.887	-29.565	268.700	4
19	207	5.701	0.982	28.312	122.900	4	17	149	5.686	0.817	-29.211	268.800	4
19	208	5.744	0.980	28.589	122.400	4	17	150	5.629	0.817	-28.871	269.100	4
19	210	5.842	0.977	29.190	121.200	4	17	151	5.597	0.846	-28.502	269.500	4
19	211	5.890	0.977	29.478	120.600	4	17	152	5.538	0.846	-28.148	270.000	4
19	212	5.937	0.977	29.761	120.000	3	17	153	5.484	0.846	-27.826	270.400	4
19	213	5.992	0.977	30.092	119.400	4	17	154	5.417	0.846	-27.423	270.600	4
19	215	6.074	0.977	30.583	118.500	4	17	155	5.333	0.820	-27.076	270.900	4
19	216	6.112	0.971	30.848	118.100	4	17	156	5.272	0.820	-26.711	271.300	4
19	218	6.210	0.953	31.537	117.000	4	17	157	5.213	0.820	-26.356	271.900	4
19	219	6.255	0.948	31.843	116.500	4	17	159	5.111	0.820	-25.745	273.100	4
19	220	6.309	0.951	32.153	116.000	3	17	160	5.050	0.803	-25.482	273.700	4
19	222	6.403	0.942	32.769	115.100	3	17	161	5.009	0.803	-25.235	274.300	4
19	223	6.446	0.933	33.078	114.700	3	17	162	4.906	0.771	-24.808	274.600	4
19	224	8.221	0.959	43.573	106.800	3	17	163	4.842	0.771	-24.424	275.400	4
							17	164	4.792	0.771	-24.126	275.900	4
							17	165	4.808	0.840	-23.803	276.500	4
							17	166	4.743	0.843	-23.396	277.100	4
							17	167	4.695	0.823	-23.229	277.900	4
							17	168	4.630	0.823	-22.844	278.800	4
							17	169	4.492	0.820	-22.030	278.900	4
							17	170	4.358	0.855	-21.020	278.200	4
							17	173	4.081	0.791	-19.737	275.000	3
							17	175	3.994	0.791	-19.220	273.000	3
							17	176	4.015	0.867	-18.892	272.400	3
							17	178	3.854	0.869	-17.909	270.900	3
							17	179	3.789	0.869	-17.518	270.500	3
							17	180	3.692	0.869	-16.937	269.500	3
							17	181	3.621	0.916	-16.234	274.200	3
							17	183	3.460	0.887	-15.438	273.900	4
							17	184	3.406	0.924	-14.887	274.900	3
							17	185	3.379	0.962	-14.499	275.500	2
							17	186	3.328	0.974	-14.126	275.200	2
							17	187	3.284	0.997	-13.721	275.000	2
							17	188	3.221	0.997	-13.343	274.700	2
							17	189	3.130	0.971	-12.955	274.400	3
							17	190	3.052	0.959	-12.559	274.000	2
							17	191	2.964	0.936	-12.168	273.600	2
							17	192	2.926	0.962	-11.781	273.300	2
							17	193	2.895	0.997	-11.387	272.800	2
							17	194	2.839	1.006	-11.002	272.400	2
							17	195	2.772	1.006	-10.596	271.900	2
							17	196	2.709	1.009	-10.200	271.400	3
							17	197	2.646	1.009	-9.825	270.900	2
							17	198	2.583	1.009	-9.448	270.200	2
							17	199	2.508	1.000	-9.052	269.600	2
							17	200	2.404	0.962	-8.649	268.900	2
							17	201	2.324	0.933	-8.344	267.800	2
							17	202	2.269	0.933	-8.017	265.600	2

SHOT 6, SHOTPOINT 17							SHOT 7, SHOTPOINT 16						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
17	203	2.219	0.933	-7.716	263.600	2	16	1	8.357	0.811	-45.273	270.200	4
17	204	2.160	0.922	-7.430	261.400	3	16	101	7.257	0.849	-38.450	271.400	4
17	205	2.114	0.922	-7.155	259.000	3	16	102	7.203	0.849	-38.125	271.300	4
17	206	2.075	0.924	-6.902	256.500	3	16	103	7.136	0.849	-37.718	271.300	4
17	207	2.013	0.924	-6.529	255.700	2	16	104	7.031	0.832	-37.317	271.200	4
17	208	1.947	0.924	-6.133	255.600	2	16	105	6.984	0.829	-36.931	271.000	4
17	209	1.890	0.936	-5.723	255.600	2	16	106	6.872	0.782	-36.535	270.900	4
17	210	1.789	0.907	-5.293	255.300	2	16	107	6.793	0.771	-36.130	270.800	4
17	211	1.701	0.887	-4.882	255.300	2	16	108	6.729	0.771	-35.748	270.400	4
17	213	1.534	0.887	-4.005	255.400	2	16	109	6.701	0.800	-35.408	270.000	4
17	214	1.421	0.806	-3.695	255.500	4	16	110	6.618	0.771	-35.080	269.700	4
17	216	1.208	0.713	-2.969	255.300	4	16	111	6.562	0.774	-34.732	269.400	4
17	217	1.034	0.623	-2.463	254.800	3	16	112	6.520	0.791	-34.373	269.000	4
17	218	0.896	0.553	-2.055	254.800	2	16	114	6.392	0.774	-33.709	268.200	4
17	220	0.760	0.553	-1.237	254.400	1	16	116	6.258	0.753	-33.028	268.700	4
17	221	0.572	0.435	-0.827	254.000	2	16	117	6.264	0.817	-32.678	269.100	4
17	222	0.445	0.374	-0.425	253.100	1	16	118	6.172	0.791	-32.288	269.400	4
17	223	0.205	0.200	-0.031	219.800	0	16	119	6.122	0.791	-32.288	269.400	4
16	1	8.357	0.811	-45.273	270.200	4	16	123	6.035	0.861	-31.165	267.200	4
16	101	7.257	0.849	-38.450	271.400	4	16	125	5.807	0.777	-30.181	267.700	2
16	102	7.203	0.849	-38.125	271.300	4	16	126	5.638	0.667	-29.831	268.200	3
16	103	7.136	0.849	-37.718	271.300	4	16	127	5.666	0.762	-29.421	268.700	4
16	104	7.031	0.832	-37.317	271.200	4	16	128	5.606	0.768	-29.027	269.300	4
16	105	6.984	0.829	-36.931	271.000	4	16	129	5.378	0.606	-28.632	269.800	3
16	106	6.872	0.782	-36.535	270.900	4	16	130	5.357	0.649	-28.245	270.200	3
16	107	6.793	0.771	-36.130	270.800	4	16	131	5.318	0.649	-28.012	271.000	3
16	108	6.729	0.771	-35.748	270.400	4	16	132	4.827	0.774	-24.313	272.800	3
16	109	6.701	0.800	-35.408	270.000	4	16	133	4.855	0.858	-23.983	272.700	3
16	110	6.618	0.771	-35.080	269.700	4	16	134	4.793	0.849	-23.604	272.500	3
16	111	6.562	0.774	-34.732	269.400	4	16	135	4.677	0.808	-23.215	272.400	3
16	112	6.520	0.791	-34.373	269.000	4	16	137	4.606	0.864	-22.454	271.800	4
16	114	6.392	0.774	-33.709	268.200	4	16	138	4.561	0.878	-22.103	271.400	3
16	116	6.258	0.753	-33.028	268.700	4	16	140	4.443	0.885	-21.348	270.600	3
16	117	6.264	0.817	-32.678	269.100	4	16	141	4.377	0.879	-20.989	270.100	3
16	118	6.172	0.791	-32.288	269.400	4	16	142	4.321	0.885	-20.619	269.700	4
16	123	6.035	0.861	-31.165	267.200	4	16	143	4.242	0.867	-20.231	269.200	4
16	125	5.807	0.777	-30.181	267.700	2	16	144	4.219	0.909	-19.863	268.600	4
16	126	5.638	0.667	-29.831	268.200	3	16	147	4.062	0.925	-18.824	266.900	4
16	127	5.666	0.762	-29.421	268.700	4	16	148	3.981	0.911	-18.418	266.400	3
16	128	5.606	0.768	-29.027	269.300	4	16	149	3.927	0.917	-18.062	266.500	4
16	129	5.378	0.606	-28.632	269.800	3	16	150	3.854	0.901	-17.716	266.900	4
16	130	5.357	0.649	-28.245	270.200	3	16	151	3.791	0.901	-17.341	267.600	4
16	131	5.318	0.649	-28.012	271.000	3	16	152	3.735	0.905	-16.980	268.200	4
16	132	4.827	0.774	-24.313	272.800	3	16	153	3.662	0.887	-16.652	268.900	4
16	133	4.855	0.858	-23.983	272.700	3	16	154	3.577	0.870	-16.247	269.200	4
16	135	4.783	0.849	-23.604	272.500	3	16	155	3.528	0.879	-15.897	269.700	4
16	137	4.677	0.864	-23.215	272.400	3	16	156	3.484	0.896	-15.528	270.400	4
16	138	4.561	0.878	-22.454	271.800	4	16	157	3.401	0.873	-15.170	271.400	4
16	139	4.606	0.864	-22.103	271.400	3	16	159	3.388	0.961	-14.559	273.400	4
16	140	4.561	0.878	-22.103	271.400	3	16	160	3.309	0.926	-14.259	274.600	4
16	141	4.443	0.885	-21.348	270.600	3	16	161	3.274	0.931	-14.058	275.700	4
16	142	4.377	0.879	-20.989	270.100	3	16	162	3.162	0.889	-13.635	276.300	4
16	143	4.321	0.885	-20.619	269.700	4	16	163	3.121	0.910	-13.263	277.700	4

SHOT 7, SHOTPOINT 16

SHOT 7, SHOTPOINT 16
SHOT 8, SHOTPOINT 1

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	HEIGHT
16	164	3.004	0.842	-12.976	278.800	4	16	224	4.525	0.721	22.823	88.300	3
16	165	2.953	0.842	-12.668	280.000	4			0.927	0.927	0.000	180.000	4
16	166	2.888	0.842	-12.276	281.200	4	1	1	1.957	0.811	6.873	83.800	3
16	167	2.864	0.817	-12.137	282.800	4	1	101	2.009	0.811	7.186	84.600	3
16	168	2.782	0.817	-11.786	284.600	4	1	102	2.039	0.794	7.592	84.900	3
16	169	2.646	0.816	-10.981	285.200	4	1	103	2.036	0.765	7.984	85.700	3
16	170	2.507	0.849	-9.947	284.500	3	1	104	2.093	0.759	8.360	86.700	3
16	173	2.207	0.778	-8.573	278.100	2	1	105	2.153	0.751	8.749	87.500	3
16	175	2.168	0.829	-8.033	273.500	3	1	106	2.209	0.742	9.152	87.800	3
16	176	2.163	0.879	-7.705	272.100	3	1	107	2.267	0.739	9.525	89.600	3
16	178	2.016	0.894	-6.735	268.000	3	1	108	2.327	0.719	9.867	90.800	3
16	179	1.961	0.902	-6.351	266.900	3	1	109	2.363	0.756	10.199	91.900	3
16	180	1.868	0.902	-5.798	263.400	2	1	110	2.456	0.756	10.559	93.000	3
16	181	1.639	0.795	-5.061	277.600	2	1	111	2.516	0.756	10.935	94.100	3
16	183	1.459	0.749	-4.262	277.400	3	1	112	2.579	0.756	11.646	95.900	2
16	184	1.372	0.749	-3.738	282.000	4	1	114	2.697	0.678	12.290	94.300	3
16	185	1.285	0.722	-3.375	285.100	4	1	116	2.726	0.678	12.618	93.000	4
16	186	1.181	0.682	-2.997	285.200	4	1	117	2.781	0.678	12.999	92.300	4
16	187	1.033	0.602	-2.588	285.500	4	1	118	2.853	0.667	14.254	96.900	4
16	188	0.928	0.561	-2.204	285.600	4	1	123	3.042	0.620	15.182	95.200	2
16	189	0.780	0.479	-1.809	285.700	1	1	125	3.151	0.620	15.497	94.000	2
16	190	0.550	0.316	-1.404	285.500	4	1	127	3.267	0.620	15.882	92.900	2
16	191	0.422	0.254	-1.005	285.600	4	1	128	3.327	0.617	16.258	91.800	3
16	192	0.367	0.266	-0.610	285.900	2	1	129	3.380	0.606	16.643	90.900	3
16	193	0.111	0.077	-0.205	285.600	2	1	130	3.444	0.606	17.028	90.100	3
16	194	0.186	0.154	0.187	101.400	2	1	131	3.484	0.606	17.268	88.800	3
16	195	0.381	0.281	0.605	104.800	3	1	132	4.058	0.556	21.012	87.200	3
16	196	0.568	0.399	1.010	104.200	0	1	133	4.150	0.594	21.335	87.400	3
16	197	0.677	0.445	1.397	104.600	4	1	134	4.221	0.603	21.707	87.700	3
16	198	0.824	0.526	1.789	105.000	0	1	135	4.316	0.635	22.091	87.900	3
16	199	0.916	0.550	2.198	104.900	4	1	137	4.487	0.681	22.836	88.600	3
16	200	1.037	0.601	2.616	104.900	0	1	138	4.567	0.704	23.179	89.100	3
16	201	1.162	0.669	2.957	106.300	1	1	139	4.628	0.704	23.543	89.600	3
16	202	1.231	0.669	3.371	109.300	1	1	140	4.660	0.672	23.926	89.900	4
16	203	1.396	0.769	3.765	111.300	1	1	141	4.746	0.698	24.285	90.300	4
16	204	1.522	0.829	4.158	112.900	2	1	142	4.840	0.730	24.656	90.700	4
16	205	1.595	0.836	4.551	114.200	2	1	143	5.026	0.855	25.029	91.100	3
16	206	1.724	0.900	4.939	115.300	2	1	144	5.101	0.864	25.425	91.400	3
16	207	1.775	0.893	5.293	113.600	3	1	147	5.336	0.919	26.506	92.600	4
16	208	1.818	0.882	5.616	111.200	3	1	148	5.439	0.951	26.929	92.800	4
16	209	1.866	0.874	5.954	108.900	3	1	149	5.442	0.896	27.277	92.700	4
16	210	1.954	0.899	6.333	107.000	3	1	150	5.430	0.829	27.607	92.300	4
16	211	2.002	0.887	6.686	105.100	3	1	151	5.487	0.826	27.965	91.900	4
16	212	1.997	0.823	7.044	103.300	3	1	152	5.573	0.855	28.311	91.400	4
16	216	2.223	0.823	8.398	98.600	3	1	153	5.626	0.855	28.629	91.000	4
16	217	2.293	0.814	8.874	97.400	4	1	154	5.740	0.901	29.031	90.800	4
16	218	2.333	0.791	9.252	96.500	4	1	155	5.792	0.846	29.378	90.500	4
16	219	2.451	0.846	9.633	95.600	4	1	156	5.853	0.836	29.745	90.100	4
16	221	2.528	0.793	10.407	94.000	4	1	157	6.021	1.003	30.107	89.600	4
16	222	2.566	0.769	10.787	93.300	4	1	159	6.113	0.988	30.746	88.700	4
16	223	2.662	0.801	11.168	92.700	4	1	160	6.140	0.968	31.032	88.200	4

SHOT 8, SHOTPOINT 1
SHOT 9, SHOTPOINT 3

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
1	161	6.168	0.951	31.306	87.700	4	1	224	12.269	0.922	68.086	89.600	4
1	162	6.233	0.942	31.745	87.600	3							
1	163	6.280	0.919	32.166	87.100	3							
1	164	6.355	0.939	32.496	86.800	3	3	101	3.014	0.814	-13.198	273.000	4
1	165	6.415	0.939	32.858	86.400	3	3	102	1.620	0.536	-6.506	282.700	3
1	166	6.459	0.910	33.297	86.200	4	3	103	1.565	0.536	-6.175	282.700	3
1	167	6.498	0.910	33.529	85.700	4	3	104	1.499	0.536	-5.778	283.600	3
1	168	6.582	0.919	33.979	85.300	4	3	105	1.432	0.536	-5.373	283.800	3
1	169	6.631	0.835	34.778	85.300	4	3	106	1.350	0.522	-4.972	283.600	3
1	170	6.757	0.806	35.710	86.300	3	3	107	1.280	0.519	-4.566	283.600	3
1	173	6.939	0.806	36.798	88.400	4	3	108	1.187	0.493	-4.164	284.300	3
1	175	6.960	0.751	37.253	89.500	4	3	109	1.109	0.487	-3.731	281.600	2
1	176	6.995	0.733	37.573	89.800	4	3	110	1.018	0.458	-3.359	279.400	1
1	178	7.059	0.635	38.545	90.600	4	3	111	0.953	0.452	-3.007	276.700	1
1	179	7.109	0.620	38.936	90.800	3	3	112	0.869	0.429	-2.639	272.900	1
1	180	7.149	0.562	39.524	91.200	3	3	113	0.770	0.391	-2.275	267.500	1
1	181	7.472	0.762	40.259	89.300	4	3	114	0.639	0.359	-1.681	251.900	1
1	183	7.580	0.739	41.047	89.500	4	3	116	0.448	0.290	-0.953	256.100	1
1	184	7.681	0.745	41.619	89.200	4	3	117	0.331	0.235	-0.580	273.000	1
1	185	7.739	0.736	42.018	89.000	4	3	118	0.176	0.133	0.254	311.200	0
1	186	7.809	0.745	42.384	89.200	4	3	123	0.592	0.356	1.413	136.700	0
1	187	7.875	0.745	42.781	89.300	4	3	125	0.752	0.409	2.058	109.600	0
1	188	7.934	0.742	43.151	89.400	4	3	126	0.823	0.438	2.314	100.000	1
1	189	8.000	0.745	43.531	89.600	4	3	127	0.868	0.420	2.684	92.700	2
1	190	8.053	0.733	43.920	89.700	4	3	128	0.918	0.406	3.074	87.000	2
1	191	8.117	0.733	44.305	89.900	4	3	129	0.981	0.400	3.488	83.000	2
1	192	8.169	0.722	44.686	90.000	4	3	130	1.050	0.400	3.902	80.500	2
1	193	8.220	0.707	45.076	90.100	4	3	131	1.073	0.371	4.214	75.800	2
1	194	8.272	0.696	45.457	90.300	4	3	132	1.750	0.417	7.996	77.600	2
1	195	8.339	0.696	45.859	90.400	4	3	133	1.766	0.382	8.299	78.600	3
1	196	8.419	0.710	46.255	90.500	4	3	134	1.825	0.382	8.652	79.600	3
1	197	8.482	0.710	46.629	90.600	4	3	135	1.886	0.382	9.022	80.500	3
1	198	8.544	0.710	47.007	90.800	4	3	137	2.132	0.510	9.730	82.700	3
1	199	8.625	0.724	47.405	90.900	4	3	138	2.258	0.582	10.054	83.900	2
1	200	8.693	0.724	47.810	91.000	4	3	140	2.392	0.597	10.772	86.100	4
1	201	8.751	0.720	48.123	91.200	4	3	141	2.525	0.672	11.119	87.200	3
1	202	8.838	0.736	48.475	91.500	4	3	142	2.600	0.687	11.482	88.000	3
1	203	8.871	0.736	48.809	91.800	4	3	143	2.740	0.765	11.848	88.900	4
1	204	8.909	0.719	49.140	92.100	4	3	144	2.825	0.785	12.238	89.800	4
1	205	8.976	0.730	49.472	92.300	4	3	147	3.021	0.803	13.309	92.100	4
1	206	8.986	0.687	49.796	92.600	4	3	149	3.155	0.809	14.080	92.400	4
1	207	9.305	0.942	50.181	92.600	4	3	150	3.187	0.785	14.412	91.700	4
1	208	9.383	0.956	50.563	92.500	4	3	151	3.291	0.829	14.772	90.800	4
1	209	9.449	0.927	51.374	92.200	4	3	152	3.381	0.861	15.123	90.000	4
1	210	9.541	0.913	51.767	92.100	4	3	153	3.424	0.849	15.447	89.300	4
1	211	9.618	0.924	52.163	92.000	4	3	154	3.494	0.852	15.852	89.000	4
1	212	9.846	0.913	53.599	91.500	4	3	155	3.553	0.852	16.204	88.400	4
1	216	10.021	0.875	54.873	91.200	4	3	156	3.615	0.852	16.578	87.800	4
1	219	10.144	0.867	55.663	90.300	4	3	157	3.686	0.861	16.951	87.000	4
1	221	10.196	0.855	56.049	90.800	4	3	159	3.797	0.875	17.615	85.500	4
1	222	10.223	0.817	56.434	90.700	4	3	160	3.916	0.930	17.916	84.700	4
1	223						3	161	3.964	0.930	18.205	83.900	4
								162	4.047	0.939	18.648	83.600	4

SHOT 9, SHOTPOINT 3				SHOT 10, SHOTPOINT 4			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	
3	163	4.126	0.945	19.087	83.100	4	
3	164	4.177	0.939	19.430	82.600	4	
3	165	4.231	0.930	19.806	82.100	4	
3	166	4.170	0.794	20.253	81.800	3	
3	167	4.212	0.794	20.510	81.000	3	
3	169	4.369	0.742	21.763	81.000	3	
3	170	4.518	0.742	22.657	82.400	3	
3	173	4.687	0.742	23.668	85.800	3	
3	175	4.758	0.742	24.096	87.600	3	
3	176	4.766	0.698	24.407	88.100	3	
3	178	4.935	0.707	25.365	89.400	3	
3	179	4.999	0.707	25.754	89.600	3	
3	180	5.108	0.719	26.336	90.300	3	
3	181	5.236	0.719	27.104	87.500	3	
3	183	5.367	0.719	27.887	87.800	4	
3	184	5.463	0.719	28.466	87.400	4	
3	185	5.533	0.722	28.868	87.200	4	
3	186	5.593	0.722	29.231	87.400	4	
3	187	5.656	0.719	29.624	87.700	4	
3	188	5.717	0.719	29.951	87.900	4	
3	189	5.815	0.753	30.369	88.100	4	
3	190	5.882	0.756	30.754	88.300	4	
3	191	5.920	0.730	31.137	88.500	4	
3	192	6.012	0.759	31.516	88.800	4	
3	193	6.085	0.768	31.902	89.000	4	
3	194	6.134	0.753	32.282	89.100	4	
3	195	6.200	0.753	32.682	89.400	4	
3	196	6.249	0.736	33.075	89.500	4	
3	197	6.311	0.736	33.448	89.700	4	
3	198	6.324	0.687	33.824	89.900	4	
3	199	6.410	0.707	34.220	90.100	4	
3	200	6.440	0.669	34.625	90.300	4	
3	201	6.495	0.672	34.936	90.500	4	
3	202	6.550	0.669	35.284	91.000	4	
3	203	6.608	0.672	35.616	91.400	4	
3	204	6.649	0.658	35.945	91.800	4	
3	205	6.712	0.667	36.276	92.100	4	
3	206	6.749	0.649	36.598	92.500	4	
3	208	6.906	0.678	37.366	92.300	4	
3	209	6.960	0.667	37.758	92.100	4	
3	210	7.012	0.649	38.179	92.000	4	
3	211	7.037	0.609	38.572	91.800	4	
3	212	7.257	0.762	38.969	91.600	4	
3	216	7.610	0.875	40.408	91.000	4	
3	218	7.760	0.878	41.293	90.700	4	
3	219	7.817	0.869	41.685	90.600	4	
3	221	7.900	0.820	42.478	90.300	4	
3	222	7.950	0.806	42.865	90.100	4	
3	223	8.011	0.803	43.252	90.000	4	
3	224	9.956	0.803	54.920	88.800	4	
4	1	4.447	0.707	-22.438	268.100	4	

SHOT 10, SHOTPOINT 4				SHOT 9, SHOTPOINT 3			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	
3	101	3.265	0.667	-15.593	270.000	3	
3	102	3.212	0.667	-15.271	269.700	3	
3	103	3.106	0.629	-14.864	269.700	3	
3	104	3.031	0.620	-14.465	269.400	3	
3	105	2.956	0.609	-14.082	268.900	3	
3	106	2.838	0.556	-13.690	268.500	3	
3	107	2.748	0.533	-13.287	268.300	3	
3	108	2.666	0.513	-12.919	267.000	3	
3	109	2.585	0.487	-12.592	266.000	3	
3	110	2.542	0.496	-12.280	265.000	4	
3	111	2.514	0.522	-11.954	263.800	4	
3	112	2.444	0.507	-11.622	262.400	4	
3	114	2.321	0.484	-11.020	259.800	3	
3	116	2.213	0.496	-10.307	260.700	3	
3	117	2.133	0.478	-9.926	261.900	4	
3	118	2.060	0.472	-9.523	262.400	4	
3	123	1.897	0.458	-8.637	253.400	4	
3	125	1.686	0.417	-7.611	253.800	4	
3	126	1.592	0.391	-7.206	255.200	4	
3	127	1.487	0.362	-6.748	256.700	4	
3	128	1.376	0.324	-6.308	258.400	4	
3	129	1.303	0.324	-5.873	260.100	4	
3	130	1.193	0.284	-5.456	261.700	3	
3	131	1.118	0.255	-5.177	265.600	3	
3	132	0.520	0.275	-1.467	281.300	2	
3	133	0.426	0.238	-1.131	280.600	2	
3	134	0.316	0.191	-0.747	279.700	2	
3	135	0.204	0.145	-0.355	279.700	3	
3	137	0.239	0.165	0.447	115.500	2	
3	138	0.362	0.223	0.833	115.900	3	
3	139	0.487	0.278	1.254	117.200	4	
3	140	0.586	0.310	1.657	115.200	4	
3	141	0.702	0.359	2.058	115.500	2	
3	142	0.809	0.400	2.457	115.000	4	
3	143	0.924	0.446	2.866	115.000	4	
3	144	1.033	0.484	3.294	114.800	4	
3	148	1.418	0.597	4.928	115.000	4	
3	148	1.476	0.655	4.928	115.000	3	
3	149	1.604	0.733	5.223	112.700	3	
3	150	1.673	0.759	5.483	109.900	3	
3	151	1.743	0.782	5.763	106.600	3	
3	152	1.848	0.840	6.047	103.700	3	
3	153	1.908	0.855	6.319	101.300	3	
3	154	1.986	0.869	6.700	99.900	3	
3	155	2.068	0.898	7.020	98.100	3	
3	156	2.163	0.936	7.362	96.300	3	
3	157	2.263	0.980	7.699	94.000	3	
3	159	2.461	1.075	8.312	90.300	4	
3	160	2.508	1.075	8.594	88.500	4	
3	161	2.553	1.075	8.869	86.900	4	
3	162	2.693	1.142	9.310	86.400	3	
3	163	2.765	1.142	9.739	84.900	3	

SHOT 10, SHOTPOINT 4							SHOT 11, SHOTPOINT 20						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
4	164	2.821	1.142	10.078	83.900	3	20	29	1.871	0.629	-7.455	263.700	1
4	165	2.915	1.174	10.450	82.900	4	20	402	10.070	0.684	56.318	90.200	4
4	166	2.990	1.174	10.898	82.300	4	20	405	9.661	0.719	53.651	89.600	4
4	167	3.076	1.217	11.153	80.800	4	20	406	9.475	0.672	52.815	89.700	4
4	168	3.178	1.240	11.623	81.240	4	20	407	9.336	0.672	51.979	90.100	4
4	169	3.334	1.267	12.406	80.800	4	20	408	9.150	0.664	50.921	90.200	4
4	170	3.434	1.217	13.303	83.200	3	20	409	8.951	0.603	50.091	90.400	3
4	173	3.384	0.991	14.360	88.800	3	20	410	8.812	0.617	49.168	90.700	4
4	175	3.443	0.971	14.832	91.600	3	20	412	8.349	0.507	47.049	91.300	4
4	176	3.471	0.945	15.158	92.400	4	20	413	8.201	0.478	46.337	91.800	4
4	178	3.620	0.927	16.155	94.100	4	20	416	7.843	0.524	43.909	95.200	4
4	179	3.686	0.927	16.552	94.400	4	20	417	7.700	0.524	43.054	95.400	4
4	180	3.776	0.916	17.159	95.300	4	20	418	7.614	0.574	42.244	95.300	4
4	181	3.861	0.890	17.830	90.800	4	20	419	7.497	0.574	41.542	95.300	4
4	183	3.947	0.843	18.621	91.100	4	20	420	7.366	0.574	40.755	95.700	4
4	185	4.058	0.794	19.585	90.100	4	20	421	7.342	0.574	40.607	95.200	4
4	186	4.108	0.782	19.953	90.400	4	20	422	7.275	0.574	40.207	95.100	4
4	186	4.108	0.782	19.953	90.400	4	20	423	7.272	0.629	39.858	95.100	4
4	187	4.047	0.655	20.351	90.600	4	20	424	7.223	0.655	39.409	95.000	4
4	188	4.149	0.696	20.724	90.900	4	20	425	7.076	0.577	38.998	95.000	4
4	189	4.225	0.707	21.107	91.200	4	20	426	7.036	0.614	38.528	94.900	4
4	190	4.290	0.707	21.498	91.400	4	20	427	6.975	0.614	38.165	94.900	4
4	191	4.378	0.730	21.886	91.700	4	20	428	6.849	0.556	37.754	94.900	4
4	192	4.442	0.730	22.271	91.900	4	20	429	6.816	0.582	37.403	94.800	4
4	193	4.508	0.730	22.664	92.200	4	20	432	6.610	0.582	36.166	95.900	4
4	194	4.621	0.780	23.048	92.400	4	20	433	6.724	0.765	35.754	96.300	3
4	195	4.689	0.780	23.454	92.600	4	20	434	6.666	0.765	35.408	96.700	3
4	196	4.755	0.780	23.853	92.800	4	20	435	6.626	0.797	34.974	97.200	4
4	197	4.803	0.765	24.231	93.000	4	20	436	6.583	0.803	34.684	97.500	4
4	198	4.867	0.765	24.612	93.200	4	20	437	6.530	0.814	34.294	97.900	4
4	199	4.934	0.765	25.014	93.400	4	20	438	6.461	0.814	33.880	98.300	4
4	200	5.002	0.765	25.423	93.600	4	20	439	6.419	0.829	33.539	98.500	4
4	201	5.073	0.782	25.743	93.900	4	20	440	6.355	0.829	33.158	98.700	4
4	202	5.145	0.794	26.107	94.400	4	20	441	6.294	0.838	32.741	98.900	4
4	203	5.174	0.765	26.454	94.900	4	20	442	6.229	0.835	32.367	98.900	4
4	204	5.249	0.782	26.797	95.400	4	20	443	6.309	0.982	31.959	99.000	4
4	206	5.339	0.759	27.479	96.300	4	20	445	6.168	0.982	31.112	98.900	4
4	207	5.383	0.739	27.863	96.200	4	20	446	6.083	0.977	30.637	98.600	4
4	208	5.428	0.722	28.237	96.000	4	20	447	6.023	0.977	30.280	99.300	4
4	209	5.492	0.722	28.622	95.700	4	20	448	5.830	0.869	29.766	99.200	3
4	210	5.561	0.722	29.036	95.500	4	20	449	5.717	0.890	28.962	98.800	3
4	211	5.625	0.722	29.422	95.200	4	20	451	5.590	0.919	28.031	98.300	3
4	212	5.690	0.722	29.810	94.900	4	20	452	5.494	0.910	27.506	98.000	3
4	216	5.961	0.756	31.225	94.000	4	20	454	5.378	0.910	26.808	97.600	3
4	218	6.106	0.756	32.098	93.500	4	20	455	5.320	0.910	26.460	97.500	3
4	219	6.171	0.756	32.485	93.300	4	20	456	5.255	0.910	26.070	97.400	3
4	221	6.301	0.756	33.267	92.800	4	20	457	5.185	0.910	25.652	97.300	3
4	222	6.365	0.756	33.649	92.600	4	20	458	5.104	0.896	25.248	97.300	3
4	223	6.428	0.756	34.031	92.400	4	20	459	4.951	0.811	24.838	97.300	3
4	224	8.363	0.759	45.657	90.300	4	20	460	4.891	0.817	24.443	97.600	3
4	224	8.369	0.759	45.657	90.300	4	20	461	4.838	0.829	24.057	97.700	4
4	224	8.369	0.759	45.657	90.300	4	20	462	4.776	0.829	23.681	97.600	4

SHOT 11, SHOTPOINT 20							SHOT 11, SHOTPOINT 27						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
20	463	4.713	0.826	23.320	97.700	4	20	518	0.606	0.322	1.707	169.300	4
20	464	4.686	0.867	22.918	97.800	4	20	519	0.058	0.052	0.034	324.700	2
20	465	4.577	0.835	22.454	98.000	4							
20	466	4.496	0.820	22.054	98.100	4							
20	467	4.415	0.806	21.657	98.200	4	7	402	8.107	1.003	42.625	98.100	4
20	468	4.348	0.806	21.253	98.300	4	7	403	7.976	1.003	41.840	87.600	4
20	469	4.254	0.777	20.864	98.400	4	7	405	7.667	1.003	39.986	87.000	4
20	470	4.168	0.756	20.469	98.600	4	7	406	7.527	1.003	39.143	87.200	4
20	471	4.093	0.756	20.031	98.700	4	7	407	7.431	1.049	38.294	87.600	4
20	472	4.032	0.762	19.617	98.800	4	7	408	7.240	1.035	37.231	87.800	4
20	473	3.924	0.724	19.198	99.000	4	7	409	7.033	0.968	36.393	88.000	4
20	474	3.916	0.782	18.804	99.100	4	7	410	6.878	0.968	35.462	88.300	4
20	475	3.836	0.771	18.391	99.300	4	7	412	6.484	0.930	33.321	89.100	4
20	476	3.756	0.751	18.033	99.500	4	7	413	6.363	0.930	32.596	89.700	4
20	477	3.654	0.724	17.577	99.000	4	7	414	6.216	0.930	31.714	91.300	4
20	478	3.581	0.724	17.136	98.700	4	7	415	6.099	0.942	30.943	93.000	4
20	479	3.490	0.701	16.734	98.500	4	7	416	5.955	0.939	30.098	94.400	4
20	480	3.399	0.684	16.292	98.300	4	7	417	5.821	0.782	29.241	94.700	4
20	481	3.323	0.684	15.846	97.900	4	7	418	5.631	0.893	28.431	94.600	4
20	482	3.235	0.649	15.517	97.700	4	7	419	5.506	0.884	27.730	94.500	4
20	483	3.120	0.614	15.035	97.200	4	7	420	5.353	0.864	26.939	95.100	4
20	484	4.546	0.861	22.110	40.700	4	7	421	5.330	0.864	26.796	94.300	4
20	485	3.066	0.753	13.876	96.900	3	7	422	5.280	0.881	26.397	94.300	4
20	486	2.941	0.722	13.318	97.100	3	7	423	5.234	0.893	26.048	94.200	4
20	487	2.862	0.710	12.914	97.300	3	7	424	5.159	0.039	25.600	94.100	4
20	488	2.755	0.675	12.503	97.600	3	7	425	5.155	0.956	25.189	94.000	4
20	489	2.707	0.690	12.105	97.800	3	7	426	4.989	0.869	24.720	93.900	4
20	490	2.600	0.649	11.707	98.100	3	7	427	4.941	0.881	24.358	93.800	4
20	492	2.468	0.649	10.912	98.700	3	7	428	4.919	0.927	23.947	93.800	4
20	493	2.357	0.603	10.523	99.000	3	7	429	4.860	0.927	23.597	93.600	4
20	494	2.269	0.582	10.122	99.400	3	7	431	4.784	0.982	22.809	93.600	4
20	495	2.231	0.609	9.736	99.800	4	7	432	4.762	1.038	22.348	95.400	4
20	496	2.195	0.640	9.326	100.100	4	7	433	4.748	1.093	21.934	96.000	3
20	497	2.075	0.595	8.940	100.700	4	7	434	4.691	1.093	21.587	96.600	3
20	498	1.977	0.553	8.539	101.100	4	7	435	4.615	1.090	21.154	97.400	3
20	499	1.918	0.562	8.136	101.700	4	7	436	4.587	1.110	20.864	97.900	4
20	500	1.858	0.562	7.760	102.300	4	7	437	4.523	1.110	20.477	98.700	4
20	501	1.789	0.562	7.364	103.000	4	7	438	4.512	1.168	20.067	99.400	3
20	502	1.796	0.629	7.006	104.000	4	7	439	4.366	1.078	19.728	99.700	3
20	503	1.699	0.606	6.559	105.200	4	7	440	4.303	1.078	19.350	100.000	3
20	504	1.613	0.574	6.237	105.900	3	7	441	4.330	1.174	18.935	100.400	3
20	505	1.488	0.516	5.836	106.800	3	7	442	4.195	1.101	18.562	100.500	3
20	506	1.388	0.478	5.458	108.100	3	7	443	4.237	1.211	18.155	100.600	3
20	507	1.304	0.458	5.080	109.500	3	7	445	4.096	1.211	17.307	100.500	3
20	508	1.534	0.751	4.698	111.200	4	7	446	4.016	1.211	16.828	100.000	3
20	510	1.395	0.733	3.972	115.000	4	7	447	3.959	1.211	15.966	101.400	4
20	512	1.207	0.667	3.244	120.900	4	7	448	3.872	1.211	15.266	101.200	2
20	513	1.067	0.580	2.923	125.200	4	7	449	3.738	1.211	15.157	100.700	2
20	514	0.972	0.539	2.599	130.100	4	7	451	3.552	1.182	14.219	99.800	3
20	515	0.809	0.440	2.208	135.200	4	7	452	3.377	1.096	13.692	99.300	3
20	516	0.749	0.411	2.026	145.600	4	7	454	3.263	1.098	12.991	98.500	3
20	517	0.654	0.348	1.836	156.500	4	7	455	3.205	1.098	12.641	98.200	3
20	518	0.654	0.348	1.836	156.500	4	7	456	3.068	1.026	12.251	98.000	3

SHOT 13, SHOTPOINT 23							SHOT 13, SHOTPOINT 23							SHOT 13, SHOTPOINT 23						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
23	449	0.578	0.324	1.519	114.200	1	23	505	4.591	0.965	-21.753	275.600	4	23	505	4.591	0.965	-21.753	275.600	4
23	451	0.252	0.159	0.558	116.400	0	23	506	4.712	1.020	-22.150	275.500	4	23	506	4.712	1.020	-22.150	275.500	4
23	452	0.028	0.023	0.029	176.000	0	23	508	4.843	1.017	-22.953	275.300	4	23	508	4.843	1.017	-22.953	275.300	4
23	454	0.237	0.119	-0.712	291.700	0	23	510	5.002	1.046	-23.732	275.200	4	23	510	5.002	1.046	-23.732	275.200	4
23	455	0.398	0.220	-1.066	290.400	0	23	512	5.135	1.043	-24.548	275.000	4	23	512	5.135	1.043	-24.548	275.000	4
23	456	0.602	0.359	-1.456	288.600	0	23	513	5.191	1.035	-24.940	274.900	4	23	513	5.191	1.035	-24.940	274.900	4
23	457	0.790	0.478	-1.872	286.900	0	23	514	5.174	0.951	-25.338	274.900	4	23	514	5.174	0.951	-25.338	274.900	4
23	458	0.889	0.510	-2.275	285.900	2	23	515	5.232	0.936	-25.777	275.000	4	23	515	5.232	0.936	-25.777	275.000	4
23	459	0.980	0.533	-2.679	284.300	3	23	516	5.273	0.910	-26.180	274.700	4	23	516	5.273	0.910	-26.180	274.700	4
23	460	1.203	0.693	-3.061	280.800	1	23	517	5.342	0.910	-26.589	274.600	4	23	517	5.342	0.910	-26.589	274.600	4
23	461	1.279	0.704	-3.446	280.300	1	23	518	5.406	0.910	-26.976	274.600	4	23	518	5.406	0.910	-26.976	274.600	4
23	462	1.341	0.704	-3.822	280.100	1	23	519	5.480	0.893	-27.524	278.000	4	23	519	5.480	0.893	-27.524	278.000	4
23	463	1.390	0.693	-4.182	279.700	1	25	27	5.711	0.780	-29.590	88.000	4	25	27	5.711	0.780	-29.590	88.000	4
23	464	1.448	0.684	-4.583	278.800	1	25	29	8.535	0.527	-48.047	273.800	4	25	29	8.535	0.527	-48.047	273.800	4
23	465	1.528	0.687	-5.046	278.100	2	25	402	3.380	0.669	16.265	76.300	4	25	402	3.380	0.669	16.265	76.300	4
23	466	1.644	0.736	-5.446	277.600	2	25	403	3.276	0.681	15.568	74.600	4	25	403	3.276	0.681	15.568	74.600	4
23	467	1.736	0.762	-5.844	277.200	2	25	405	3.029	0.716	13.876	71.200	4	25	405	3.029	0.716	13.876	71.200	4
23	468	1.792	0.751	-6.249	276.800	2	25	406	2.954	0.782	13.030	70.800	4	25	406	2.954	0.782	13.030	70.800	4
23	469	1.843	0.736	-6.639	276.600	2	25	407	2.715	0.693	12.135	70.900	4	25	407	2.715	0.693	12.135	70.900	4
23	470	1.831	0.658	-7.036	276.200	2	25	408	2.525	0.675	11.097	69.700	4	25	408	2.525	0.675	11.097	69.700	4
23	471	1.912	0.667	-7.474	276.200	2	25	409	2.285	0.577	10.249	69.100	4	25	409	2.285	0.577	10.249	69.100	4
23	472	1.987	0.672	-7.890	276.000	3	25	410	2.080	0.527	9.314	68.200	4	25	410	2.080	0.527	9.314	68.200	4
23	473	2.040	0.655	-8.312	275.700	3	25	412	1.644	0.452	7.151	65.700	4	25	412	1.644	0.452	7.151	65.700	4
23	474	2.182	0.730	-8.709	275.500	3	25	413	1.534	0.475	6.353	65.800	4	25	413	1.534	0.475	6.353	65.800	4
23	475	2.355	0.835	-9.125	275.300	3	25	414	1.316	0.452	5.182	71.200	3	25	414	1.316	0.452	5.182	71.200	3
23	476	2.419	0.838	-9.486	275.100	3	25	415	1.180	0.484	4.178	78.900	2	25	415	1.180	0.484	4.178	78.900	2
23	477	2.493	0.838	-9.931	276.200	3	25	416	0.992	0.458	3.206	88.500	2	25	416	0.992	0.458	3.206	88.500	2
23	478	2.513	0.785	-10.368	276.800	4	25	417	0.766	0.377	2.337	90.400	3	25	417	0.766	0.377	2.337	90.400	3
23	479	2.580	0.785	-10.768	277.200	4	25	418	0.665	0.409	1.541	85.200	1	25	418	0.665	0.409	1.541	85.200	1
23	480	2.653	0.785	-11.209	277.600	4	25	419	0.420	0.275	0.867	75.600	4	25	419	0.420	0.275	0.867	75.600	4
23	481	2.728	0.785	-11.655	278.000	4	25	420	0.036	0.032	0.029	114.500	1	25	420	0.036	0.032	0.029	114.500	1
23	482	2.832	0.835	-11.984	278.400	4	25	421	0.218	0.153	-0.386	347.400	1	25	421	0.218	0.153	-0.386	347.400	1
23	483	2.924	0.846	-12.468	278.900	4	25	422	0.315	0.206	-0.654	312.800	2	25	422	0.315	0.206	-0.654	312.800	2
23	485	3.225	0.953	-13.629	279.100	4	25	423	0.402	0.240	-0.967	301.500	2	25	423	0.402	0.240	-0.967	301.500	2
23	486	3.297	0.933	-14.185	278.800	4	25	424	0.450	0.217	-1.397	294.900	2	25	424	0.450	0.217	-1.397	294.900	2
23	487	3.364	0.933	-14.588	278.600	4	25	425	0.572	0.272	-1.797	291.200	2	25	425	0.572	0.272	-1.797	291.200	2
23	489	3.519	0.953	-15.396	278.100	4	25	426	0.617	0.240	-2.262	288.900	4	25	426	0.617	0.240	-2.262	288.900	4
23	490	3.609	0.977	-15.794	277.900	4	25	427	0.681	0.243	-2.623	287.800	4	25	427	0.681	0.243	-2.623	287.800	4
23	491	3.679	0.980	-16.194	277.700	4	25	428	0.785	0.281	-3.025	286.000	4	25	428	0.785	0.281	-3.025	286.000	4
23	492	3.724	0.959	-16.589	277.500	4	25	429	0.900	0.336	-3.382	285.900	4	25	429	0.900	0.336	-3.382	285.900	4
23	493	3.789	0.959	-16.980	277.400	4	25	431	1.085	0.400	-4.108	277.800	4	25	431	1.085	0.400	-4.108	277.800	4
23	494	3.857	0.959	-17.383	277.200	4	25	432	1.361	0.600	-4.565	273.900	4	25	432	1.361	0.600	-4.565	273.900	4
23	495	3.924	0.962	-17.773	277.000	4	25	433	1.458	0.626	-4.992	271.300	3	25	433	1.458	0.626	-4.992	271.300	3
23	496	3.999	0.968	-18.184	276.900	4	25	434	1.520	0.626	-5.362	269.100	4	25	434	1.520	0.626	-5.362	269.100	4
23	497	4.052	0.956	-18.576	276.700	4	25	435	1.607	0.635	-5.835	266.900	4	25	435	1.607	0.635	-5.835	266.900	4
23	498	4.085	0.922	-18.980	276.600	4	25	436	1.591	0.565	-6.158	265.600	4	25	436	1.591	0.565	-6.158	265.600	4
23	499	4.173	0.942	-19.389	276.400	4	25	437	1.641	0.542	-6.597	264.100	4	25	437	1.641	0.542	-6.597	264.100	4
23	500	4.231	0.936	-19.771	276.300	4	25	438	1.719	0.542	-7.061	262.900	4	25	438	1.719	0.542	-7.061	262.900	4
23	501	4.290	0.927	-20.175	276.200	4	25	439	1.778	0.542	-7.417	262.900	4	25	439	1.778	0.542	-7.417	262.900	4
23	502	4.355	0.930	-20.547	276.000	4	25	440	1.844	0.542	-7.813	262.900	4	25	440	1.844	0.542	-7.813	262.900	4
23	503	4.432	0.930	-21.010	275.700	4	25	441	1.916	0.542	-8.247	262.900	4	25	441	1.916	0.542	-8.247	262.900	4

SHOT 15, SHOTPOINT 27
SHOT 16, SHOTPOINT 26

SHOT 15, SHOTPOINT 27

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
27	432	6.471	0.782	-34.133	268.800	4	27	489	10.472	0.786	-58.118	271.400	4
27	433	6.574	0.811	-34.574	268.500	3	27	490	10.536	0.783	-58.520	271.400	4
27	434	6.671	0.846	-34.951	268.200	3	27	491	10.603	0.783	-58.924	271.400	4
27	435	6.730	0.826	-35.425	267.900	2	27	492	10.670	0.783	-59.323	271.300	4
27	436	6.740	0.782	-35.744	267.600	2	27	493	10.774	0.821	-59.717	271.300	4
27	437	6.812	0.782	-36.175	267.300	3	27	494	10.841	0.821	-60.124	271.300	4
27	438	6.876	0.771	-36.630	267.100	3	27	495	10.919	0.833	-60.518	271.300	4
27	439	6.955	0.791	-36.985	267.000	2	27	496	10.908	0.753	-60.930	271.300	4
27	440	6.995	0.765	-37.380	267.000	2	27	497	10.972	0.751	-61.325	271.300	4
27	441	7.067	0.765	-37.812	266.900	2	27	498	11.071	0.783	-61.732	271.300	4
27	442	7.103	0.739	-38.182	267.000	2	27	499	11.112	0.755	-62.143	271.300	4
27	443	7.202	0.771	-38.586	267.100	2	27	500	11.153	0.732	-62.528	271.300	4
27	445	7.410	0.843	-39.403	267.400	3	27	501	11.266	0.777	-62.934	271.300	4
27	446	7.500	0.861	-39.838	267.800	3	27	502	11.275	0.723	-63.311	271.200	4
27	447	7.607	0.896	-40.268	267.300	2	27	503	11.430	0.800	-63.779	271.200	4
27	448	7.698	0.906	-40.735	267.600	2	27	504	11.485	0.800	-64.110	271.200	3
27	449	7.770	0.852	-41.507	268.100	2	27	505	11.519	0.765	-64.523	271.200	3
27	452	8.093	0.948	-42.873	268.900	3	27	506	11.725	0.904	-64.922	271.200	4
27	454	8.196	0.941	-43.531	269.300	3	27	508	11.748	0.793	-65.729	271.200	4
27	455	8.240	0.929	-43.867	269.500	3	27	512	12.014	0.793	-67.328	271.200	4
27	456	8.270	0.896	-44.246	269.600	3	27	513	12.097	0.810	-67.722	271.100	4
27	457	8.326	0.883	-44.657	269.700	3	27	514	12.155	0.802	-68.121	271.100	4
27	458	8.370	0.861	-45.054	269.800	2	27	515	12.238	0.812	-68.554	271.200	4
27	459	8.412	0.835	-45.462	269.800	2	27	516	12.256	0.762	-68.965	271.100	4
27	460	8.459	0.814	-45.873	269.700	2	27	517	12.250	0.687	-69.377	271.100	4
27	461	8.527	0.817	-46.256	269.800	2	27	518	12.281	0.654	-69.764	271.100	4
27	462	8.563	0.791	-46.628	269.900	3	27	519	12.376	0.680	-70.176	272.500	4
27	463	8.614	0.783	-46.987	269.900	2							
27	464	8.682	0.783	-47.394	269.900	4	26	27	3.122	0.903	13.314	100.300	3
27	465	8.749	0.772	-47.861	269.900	3	26	29	11.669	0.936	-64.395	269.900	4
27	466	8.802	0.758	-48.263	269.900	3	26	402	0.409	0.275	0.804	304.400	3
27	467	8.839	0.729	-48.663	269.900	3	26	403	0.586	0.313	-1.639	297.200	2
27	468	8.890	0.711	-49.070	270.000	3	26	405	0.979	0.396	-3.499	288.000	4
27	469	8.935	0.692	-49.460	270.000	3	26	406	1.236	0.326	-4.262	282.300	1
27	470	8.969	0.659	-49.859	270.000	4	26	407	1.335	0.496	-5.035	276.700	3
27	471	9.089	0.706	-50.295	270.000	4	26	408	1.543	0.530	-6.078	274.400	3
27	472	9.149	0.697	-50.712	270.000	3	26	409	1.685	0.535	-6.897	272.200	4
27	473	9.220	0.697	-51.136	270.000	3	26	410	1.836	0.533	-7.818	270.500	2
27	474	9.314	0.725	-51.533	270.100	3	26	412	2.220	0.560	-9.958	267.400	3
27	475	9.422	0.763	-51.950	270.100	3	26	413	2.362	0.579	-10.699	265.800	2
27	476	9.484	0.765	-52.313	270.100	3	26	414	2.512	0.564	-11.689	261.500	2
27	477	9.537	0.748	-52.736	270.300	3	26	415	2.696	0.590	-12.636	258.200	3
27	478	9.620	0.760	-53.159	270.500	3	26	416	2.900	0.622	-13.669	256.000	2
27	479	9.664	0.739	-53.550	270.600	3	26	417	3.071	0.648	-14.536	256.500	3
27	480	9.708	0.711	-53.978	270.700	3	26	418	3.222	0.675	-15.284	257.700	4
27	481	9.765	0.697	-54.409	270.900	3	26	419	3.263	0.605	-15.948	258.500	4
27	482	9.820	0.699	-54.726	271.000	3	26	420	3.452	0.654	-16.790	258.300	4
27	483	10.038	0.840	-55.190	271.200	4	26	422	3.536	0.663	-17.201	260.100	4
27	485	10.257	0.868	-56.334	271.400	4	26	423	3.591	0.669	-17.530	260.500	4
27	486	10.350	0.868	-56.895	271.400	4	26	424	3.639	0.646	-17.955	261.000	4
27	487	10.368	0.817	-57.302	271.400	4	26	425	3.693	0.635	-18.348	261.400	3
27	488	10.435	0.816	-57.715	271.400	4	26	426	3.802	0.669	-18.795	261.900	3

SHOT 16, SHOTPOINT 26
SHOT 17, SHOTPOINT 21

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
26	427	3.859	0.669	-19.140	262.200	3
26	428	3.964	0.707	-19.542	262.300	3
26	429	4.004	0.692	-19.872	262.900	4
26	431	4.248	0.793	-20.730	262.200	2
26	433	4.439	0.822	-21.707	261.300	3
26	434	4.494	0.810	-22.103	261.000	3
26	435	4.590	0.824	-22.599	260.600	3
26	436	4.633	0.810	-22.935	260.300	3
26	437	4.653	0.756	-23.385	260.000	3
26	438	4.732	0.756	-23.858	259.700	3
26	439	4.806	0.771	-24.214	259.800	4
26	440	4.897	0.795	-24.609	259.800	4
26	441	4.916	0.743	-25.042	260.100	4
26	442	4.908	0.675	-25.402	260.100	4
26	443	4.989	0.690	-25.796	260.300	4
26	445	5.233	0.803	-26.581	261.000	4
26	446	5.331	0.833	-26.986	261.700	4
26	447	5.447	0.873	-27.448	261.100	4
26	448	5.525	0.873	-27.913	261.600	4
26	449	5.608	0.837	-28.628	262.400	4
26	452	5.936	0.948	-29.929	263.900	3
26	454	6.041	0.948	-30.559	264.600	3
26	455	6.091	0.912	-30.885	264.800	3
26	456	6.136	0.927	-31.256	265.000	3
26	457	6.204	0.927	-31.658	265.300	4
26	458	6.253	0.912	-32.048	265.500	4
26	459	6.302	0.893	-32.452	265.600	4
26	460	6.354	0.876	-32.868	265.500	4
26	461	6.351	0.810	-33.246	265.600	3
26	462	6.377	0.775	-33.614	265.700	4
26	463	6.436	0.775	-33.970	265.800	4
26	464	6.504	0.775	-34.376	265.900	4
26	465	6.570	0.763	-34.841	266.000	3
26	466	6.667	0.793	-35.241	266.000	2
26	467	6.750	0.810	-35.639	266.100	3
26	468	6.790	0.782	-36.045	266.100	3
26	469	6.854	0.782	-36.432	266.200	4
26	470	6.847	0.709	-36.831	266.300	4
26	471	6.906	0.695	-37.263	266.400	4
26	472	7.003	0.724	-37.677	266.400	3
26	473	7.093	0.743	-38.100	266.500	4
26	474	7.159	0.743	-38.496	266.500	4
26	475	7.303	0.818	-38.911	266.600	3
26	476	7.364	0.818	-39.274	266.600	4
26	477	7.417	0.803	-39.683	267.000	4
26	478	7.506	0.824	-40.097	267.200	4
26	479	7.551	0.805	-40.481	267.400	4
26	480	7.644	0.827	-40.902	267.600	4
26	481	7.715	0.827	-41.324	267.900	4
26	482	7.766	0.827	-41.634	268.100	4
26	483	7.855	0.840	-42.089	268.300	4
26	485	8.044	0.840	-43.221	268.700	4

SHOT 18, SHOTPOINT 22							SHOT 18, SHOTPOINT 24						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
22	416	4.505	0.595	23.517	92.300	4	22	473	0.334	0.122	-1.272	271.800	0
22	417	4.303	0.527	22.654	92.600	4	22	474	0.478	0.200	-1.670	271.900	0
22	418	4.296	0.655	21.848	92.300	3	22	475	0.614	0.267	-2.087	271.800	0
22	419	4.174	0.649	21.148	92.200	3	22	476	0.730	0.322	-2.400	271.400	0
22	420	4.040	0.649	20.346	92.900	4	22	477	0.823	0.342	-2.888	275.900	1
22	421	4.036	0.667	20.220	91.800	4	22	478	0.919	0.365	-3.325	277.800	2
22	422	3.982	0.678	19.822	91.600	3	22	479	1.021	0.400	-3.727	278.700	2
22	423	3.988	0.742	19.476	91.300	4	22	480	1.069	0.374	-4.170	279.600	1
22	424	3.914	0.742	19.031	91.300	4	22	481	1.139	0.429	-4.619	280.600	2
22	425	3.845	0.742	18.622	91.100	4	22	482	1.344	0.519	-4.951	281.300	2
22	426	3.655	0.629	18.156	90.900	4	22	483	1.486	0.580	-5.441	282.200	2
22	427	3.618	0.652	17.797	90.700	3	22	485	1.874	0.774	-6.603	282.100	2
22	428	3.622	0.724	17.387	90.600	4	22	486	2.047	0.855	-7.155	281.200	2
22	429	3.614	0.774	17.041	90.300	4	22	487	2.129	0.869	-7.555	280.600	2
22	431	3.406	0.701	16.230	91.600	3	22	488	2.228	0.901	-7.960	280.000	2
22	432	3.327	0.701	15.755	92.500	4	22	489	2.294	0.901	-8.359	279.600	2
22	433	3.285	0.730	15.330	93.400	4	22	490	2.372	0.913	-8.755	279.100	3
22	434	3.232	0.736	14.973	94.200	3	22	491	2.439	0.913	-9.154	278.800	3
22	435	3.236	0.814	14.528	95.200	3	22	492	2.478	0.887	-9.549	278.400	3
22	436	3.152	0.780	14.232	96.000	3	22	493	2.565	0.910	-9.939	278.100	3
22	437	3.115	0.809	13.837	97.000	3	22	494	2.573	0.849	-10.341	277.700	3
22	438	2.990	0.753	13.420	98.000	3	22	495	2.635	0.846	-10.730	277.400	3
22	439	2.953	0.774	13.078	98.500	3	22	496	2.694	0.838	-11.142	277.200	3
22	440	2.820	0.704	12.698	99.000	3	22	497	2.760	0.838	-11.533	276.900	3
22	441	2.780	0.733	12.281	99.500	3	22	498	2.844	0.855	-11.937	276.700	3
22	442	2.686	0.701	11.907	99.600	3	22	499	2.930	0.872	-12.346	276.500	3
22	443	2.635	0.719	11.500	99.800	3	22	500	3.008	0.887	-12.728	276.300	3
22	445	2.471	0.656	10.652	99.500	3	22	501	3.125	0.936	-13.132	276.100	3
22	446	2.432	0.736	10.176	98.700	4	22	502	3.187	0.936	-13.504	275.700	3
22	447	2.292	0.655	9.825	101.000	3	22	503	3.250	0.922	-13.968	275.400	3
22	448	2.186	0.635	9.308	100.600	3	22	505	3.420	0.968	-14.710	275.300	4
22	449	1.956	0.696	8.502	99.500	3	22	506	3.434	0.916	-15.108	275.100	4
22	452	1.717	0.542	7.049	96.600	3	22	507	3.500	0.916	-15.506	275.000	4
22	454	1.654	0.594	6.359	94.700	2	22	508	3.568	0.916	-15.912	274.800	4
22	455	1.623	0.620	6.014	93.900	2	22	510	3.695	0.913	-16.690	274.700	4
22	456	1.518	0.580	5.629	93.300	2	22	511	3.650	0.797	-17.120	274.500	4
22	457	1.449	0.580	5.214	92.600	2	22	512	3.715	0.797	-17.507	274.500	4
22	458	1.376	0.574	4.814	91.900	1	22	513	3.780	0.797	-17.899	274.300	4
22	459	1.282	0.548	4.405	91.600	1	22	514	3.847	0.797	-18.298	274.300	4
22	460	1.153	0.487	3.998	93.000	1	22	515	3.920	0.797	-18.736	274.500	4
22	461	1.075	0.472	3.613	92.600	1	22	516	3.987	0.797	-19.140	274.100	4
22	462	0.998	0.458	3.238	92.000	1	22	517	4.053	0.797	-19.550	274.000	4
22	463	0.938	0.458	2.878	91.600	4	22	518	4.163	0.840	-19.937	273.900	4
22	464	0.803	0.391	2.472	92.000	4	22	519	4.281	0.867	-20.485	278.600	3
22	465	0.685	0.351	2.004	92.200	4							
22	466	0.600	0.333	1.603	92.200	4	22	27	6.921	0.817	36.625	87.100	4
22	467	0.423	0.240	1.202	92.000	0	22	29	7.657	0.800	-41.141	275.700	4
22	468	0.283	0.151	0.795	93.100	0	22	402	4.669	0.788	23.285	78.400	4
22	469	0.128	0.061	0.405	92.900	1	22	403	4.550	0.788	22.569	77.200	4
22	470	0.011	0.011	0.022	167.500	0	22	405	4.205	0.733	20.830	75.200	4
22	471	0.165	0.093	-0.432	273.300	0	22	406	4.077	0.748	19.978	75.100	3
22	472	0.246	0.104	-0.849	272.800	0	22	407	3.929	0.748	19.088	75.400	4

SHOT 19, SHOTPOINT 24										SHOT 19, SHOTPOINT 24									
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT						
24	408	3.710	0.704	18.032	74.900	4	24	466	2.829	0.857	-11.827	278.700	3						
24	409	3.567	0.704	17.178	74.800	4	24	467	2.902	0.864	-12.225	278.500	3						
24	410	3.637	0.632	16.233	74.600	3	24	468	2.969	0.864	-12.628	278.300	3						
24	412	2.891	0.551	14.042	74.400	2	24	469	3.016	0.847	-13.018	278.100	3						
24	413	2.769	0.559	13.256	74.900	2	24	470	3.046	0.810	-13.413	277.900	3						
24	414	2.599	0.571	12.172	78.100	3	24	471	3.164	0.856	-13.851	277.800	3						
24	415	2.523	0.652	11.225	81.500	2	24	472	3.214	0.836	-14.266	277.600	3						
24	416	2.349	0.640	10.251	84.800	1	24	473	3.284	0.836	-14.686	277.400	3						
24	417	2.096	0.533	9.378	84.900	3	24	474	3.413	0.899	-15.083	277.300	3						
24	418	2.096	0.664	8.595	83.500	2	24	475	3.595	1.012	-15.497	277.100	3						
24	419	2.001	0.682	7.915	82.300	1	24	476	3.629	0.986	-15.857	276.900	3						
24	420	1.827	0.647	7.079	83.200	2	24	477	3.624	0.906	-16.307	277.600	4						
24	421	1.782	0.610	7.027	80.000	2	24	478	3.697	0.906	-16.746	277.900	4						
24	422	1.660	0.552	6.651	78.800	2	24	479	3.764	0.906	-17.147	278.100	4						
24	423	1.614	0.560	6.326	77.700	2	24	480	3.869	0.937	-17.589	278.300	4						
24	424	1.516	0.531	5.913	76.000	2	24	481	3.931	0.925	-18.036	278.600	4						
24	425	1.466	0.544	5.535	74.300	2	24	482	3.986	0.925	-18.366	278.800	4						
24	426	1.341	0.489	5.114	72.000	1	24	483	4.067	0.925	-18.850	279.200	4						
24	427	1.287	0.487	4.798	69.900	4	24	485	4.459	1.124	-20.012	279.300	4						
24	428	1.197	0.459	4.428	67.700	4	24	486	4.560	1.133	-20.568	279.100	3						
24	429	1.166	0.475	4.150	64.700	4	24	487	4.662	1.167	-20.970	278.900	3						
24	431	0.907	0.365	3.254	64.400	4	24	488	4.693	1.130	-21.378	278.700	3						
24	432	0.817	0.365	2.710	64.700	4	24	489	4.760	1.130	-21.777	278.600	3						
24	433	0.672	0.301	2.229	64.600	3	24	490	4.839	1.143	-22.174	278.400	3						
24	434	0.516	0.214	1.811	65.100	4	24	491	4.891	1.128	-22.574	278.300	4						
24	435	0.401	0.186	1.292	65.600	1	24	492	4.943	1.115	-22.969	278.100	3						
24	436	0.312	0.155	0.942	66.400	0	24	493	5.006	1.113	-23.360	278.000	4						
24	437	0.181	0.103	0.474	68.900	0	24	494	5.069	1.109	-23.762	277.800	4						
24	438	0.033	0.029	0.020	191.600	0	24	495	5.134	1.109	-24.151	277.700	4						
24	439	0.132	0.071	-0.363	258.900	0	24	496	5.202	1.109	-24.562	277.600	4						
24	440	0.273	0.146	-0.759	260.800	0	24	497	5.265	1.106	-24.953	277.500	4						
24	441	0.418	0.219	-1.192	261.700	0	24	498	5.280	1.054	-25.357	277.400	4						
24	442	0.426	0.167	-1.558	265.100	0	24	499	5.361	1.067	-25.765	277.300	4						
24	443	0.567	0.240	-1.961	267.200	0	24	500	5.423	1.065	-26.146	277.200	3						
24	445	0.908	0.443	-2.788	272.000	1	24	501	5.447	1.022	-26.550	277.100	4						
24	446	1.016	0.475	-3.248	275.800	1	24	502	5.508	1.022	-26.920	276.800	4						
24	447	1.121	0.513	-3.647	269.800	1	24	503	5.616	1.052	-27.382	276.700	4						
24	448	1.259	0.569	-4.145	272.000	1	24	505	5.752	1.065	-28.124	276.500	4						
24	449	1.416	0.595	-4.928	275.200	2	24	506	5.819	1.065	-28.520	276.400	4						
24	452	1.830	0.767	-6.376	279.400	2	24	507	5.885	1.065	-28.918	276.300	4						
24	454	1.968	0.788	-7.081	280.900	2	24	508	5.952	1.065	-29.322	276.300	4						
24	455	2.093	0.854	-7.433	281.200	2	24	510	6.077	1.061	-30.100	276.100	4						
24	456	2.146	0.842	-7.824	281.300	2	24	511	6.149	1.061	-30.528	276.000	4						
24	457	2.245	0.871	-8.243	281.300	3	24	512	6.213	1.061	-30.915	276.000	4						
24	458	2.243	0.802	-8.648	281.300	3	24	513	6.278	1.061	-31.306	275.900	4						
24	459	2.367	0.857	-9.056	281.000	3	24	514	6.345	1.061	-31.704	275.800	4						
24	460	2.377	0.803	-9.444	280.000	3	24	515	6.418	1.061	-32.144	275.900	4						
24	461	2.459	0.821	-9.829	279.900	3	24	516	6.450	1.026	-32.544	275.700	4						
24	462	2.593	0.892	-10.205	279.800	3	24	517	6.518	1.026	-32.953	275.600	4						
24	463	2.582	0.821	-10.565	279.700	2	24	518	6.535	0.978	-33.340	275.500	4						
24	464	2.659	0.831	-10.966	279.300	2	24	519	6.677	1.026	-33.905	278.300	3						
24	465	2.762	0.857	-11.428	279.000	3													

SHOT 20, SHOTPOINT 29

SHOT 20, SHOTPOINT 29

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
29	27	13.705	0.782	77.535	91.600	4	29	460	6.083	0.794	31.731	94.400	3
29	29	0.043	0.043	0.000	180.000	0	29	461	5.891	0.667	31.346	94.400	4
29	402	11.483	0.861	63.733	89.400	4	29	462	5.843	0.681	30.970	94.300	4
29	403	11.351	0.861	62.940	89.200	4	29	463	5.898	0.797	30.609	94.300	4
29	405	11.040	0.861	61.074	88.800	4	29	464	5.831	0.797	30.203	94.400	4
29	406	10.900	0.861	60.236	88.000	4	29	465	5.753	0.797	29.737	94.400	2
29	407	10.453	0.953	59.396	89.300	4	29	466	5.799	0.910	29.336	94.500	2
29	408	10.595	0.872	58.336	89.400	4	29	467	5.640	0.817	28.936	94.500	3
29	409	10.500	0.916	57.503	89.600	4	29	468	5.555	0.800	28.530	94.500	3
29	410	10.342	0.913	56.577	89.800	4	29	469	5.551	0.861	28.139	94.600	3
29	412	9.898	0.823	54.449	90.300	4	29	470	5.296	0.672	27.741	94.600	3
29	413	9.868	0.913	53.731	90.700	4	29	471	5.397	0.846	27.303	94.600	3
29	414	9.607	0.797	52.861	91.700	4	29	472	5.310	0.829	26.886	94.600	3
29	416	9.337	0.797	51.239	93.500	4	29	473	5.193	0.782	26.464	94.700	2
29	417	9.194	0.797	50.379	93.700	4	29	474	5.127	0.782	26.067	94.800	3
29	418	8.839	0.577	49.571	93.600	4	29	475	5.063	0.788	25.651	94.800	3
29	419	8.661	0.516	48.870	93.500	4	29	476	5.081	0.867	25.289	94.900	4
29	420	8.528	0.516	48.074	93.900	4	29	477	5.141	1.000	24.848	94.400	3
29	421	8.506	0.516	47.939	93.400	4	29	478	4.985	0.916	24.415	94.100	4
29	422	8.523	0.600	47.540	93.400	4	29	479	4.919	0.916	24.018	93.900	4
29	423	8.483	0.617	47.192	93.300	4	29	480	4.765	0.835	23.583	93.700	4
29	424	8.280	0.490	46.744	93.200	4	29	481	4.849	0.991	23.145	93.400	4
29	425	8.198	0.475	46.334	93.200	4	29	482	4.752	0.948	22.823	93.100	4
29	426	8.070	0.426	45.865	93.100	4	29	483	4.670	0.945	22.353	92.700	4
29	427	8.013	0.429	45.504	93.100	4	29	485	4.546	1.011	21.204	92.300	4
29	428	8.057	0.542	45.093	93.000	4	29	486	4.487	1.046	20.643	92.300	4
29	429	8.251	0.794	44.744	92.900	4	29	487	4.318	0.945	20.236	92.300	3
29	431	7.957	0.632	43.949	93.500	4	29	488	4.078	0.774	19.823	92.400	4
29	432	7.879	0.632	43.483	93.800	4	29	489	4.008	0.771	19.421	92.400	2
29	433	7.759	0.582	43.062	94.100	3	29	490	3.926	0.756	19.019	92.500	2
29	434	7.703	0.585	42.707	94.400	3	29	491	3.842	0.739	18.616	92.500	2
29	435	7.774	0.730	42.263	94.800	3	29	492	3.746	0.710	18.217	92.600	3
29	436	7.658	0.664	41.964	95.100	3	29	493	3.637	0.667	17.823	92.600	3
29	437	7.652	0.724	41.564	95.400	3	29	494	3.569	0.667	17.417	92.700	3
29	438	7.552	0.696	41.139	95.700	3	29	495	3.455	0.617	17.024	92.800	3
29	439	7.567	0.768	40.793	95.800	3	29	496	3.386	0.617	16.612	92.800	3
29	440	7.381	0.646	40.408	96.000	3	29	497	3.306	0.603	16.217	92.900	3
29	441	7.264	0.600	39.986	96.100	4	29	498	3.238	0.603	15.811	93.000	4
29	442	7.281	0.600	39.611	96.100	3	29	499	3.167	0.603	15.400	93.100	4
29	443	7.281	0.748	39.203	96.100	4	29	500	3.082	0.580	15.016	93.200	4
29	445	7.141	0.748	38.360	95.900	3	29	501	3.157	0.722	14.610	93.200	3
29	446	7.130	0.814	37.893	95.700	4	29	502	3.036	0.664	14.236	93.500	3
29	447	7.032	0.780	37.516	96.300	4	29	503	2.944	0.649	13.770	93.700	2
29	448	6.886	0.719	37.006	96.100	4	29	505	2.817	0.646	13.026	93.800	3
29	449	6.809	0.774	36.214	95.700	4	29	506	2.716	0.611	12.628	94.000	3
29	452	6.570	0.774	34.780	95.000	3	29	507	2.696	0.658	12.229	94.100	2
29	454	6.427	0.745	34.093	94.600	3	29	508	2.562	0.591	11.823	94.200	3
29	455	6.445	0.820	33.748	94.500	3	29	511	2.421	0.652	10.615	94.700	3
29	456	6.337	0.777	33.362	94.400	3	29	512	2.409	0.704	10.227	94.700	2
29	457	6.172	0.681	32.946	94.300	3	29	513	2.326	0.687	9.836	95.000	3
29	458	6.105	0.681	32.544	94.200	4	29	514	2.260	0.687	9.437	95.200	2
29	459	6.054	0.698	32.134	94.200	4	29	515	2.166	0.667	8.998	94.700	2

SHOT 21, SHOTPOINT 19
SHOT 22, SHOTPOINT 11

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
29	516	2.009	0.577	8.597	95.700	2	19	332	5.095	0.913	25.091	142.100	3
29	517	1.962	0.597	8.188	96.000	2	19	333	5.023	0.904	24.710	141.500	2
29	518	1.845	0.545	7.802	96.200	2	19	334	5.000	0.936	24.382	141.300	3
29	519	1.880	0.640	7.438	83.400	1	19	335	4.942	0.927	24.090	140.900	3
19	8	8.735	0.887	47.091	167.100	4	19	336	4.884	0.919	23.793	140.300	3
19	9	10.114	0.965	54.894	167.100	4	19	338	4.792	0.936	23.133	138.600	3
19	13	4.573	1.020	21.317	135.200	2	19	339	4.743	0.942	22.807	138.000	3
19	183	4.219	0.980	19.435	130.900	3	19	340	4.747	0.997	22.498	137.300	3
19	281	7.688	0.855	40.997	162.900	4	19	341	4.666	0.988	22.192	136.600	3
19	283	7.535	0.838	40.186	162.400	4	19	342	4.666	1.017	21.892	135.900	2
19	284	7.741	1.093	39.888	162.200	4	19	343	4.599	0.997	21.613	135.200	2
19	287	7.430	0.974	38.739	161.500	4	19	344	4.541	0.994	21.284	134.500	3
19	288	7.336	0.945	38.346	161.300	4	19	345	4.597	1.101	20.971	133.800	2
19	289	7.279	0.953	37.950	161.200	4	19	346	4.524	1.081	20.655	133.100	1
19	290	7.194	0.936	37.547	161.100	4	19	347	4.482	1.090	20.357	132.400	1
19	291	7.141	0.936	37.232	160.700	4	19	348	4.331	0.988	20.057	131.600	2
19	292	7.127	0.971	36.937	160.300	4	19	349	4.274	0.980	19.769	130.800	2
19	293	7.195	1.084	36.665	159.800	4	19	350	4.176	0.959	19.298	129.900	2
19	294	7.248	1.185	36.373	159.400	4	19	352	4.120	1.020	18.602	128.200	2
19	296	7.185	1.214	35.823	158.400	4	19	353	3.982	0.942	18.242	127.800	3
19	297	7.139	1.214	35.549	158.000	4	19	354	3.954	0.965	17.935	126.700	2
19	299	6.962	1.127	35.006	157.000	4	19	355	3.874	0.913	17.766	125.300	3
19	300	7.130	1.345	34.713	156.500	3	19	356	3.852	0.924	17.562	124.200	3
19	301	7.108	1.365	34.457	156.000	3	19	357	3.820	0.948	17.234	123.100	3
19	302	7.019	1.319	34.200	155.500	4	19	359	3.660	0.901	16.550	121.000	3
19	303	7.068	1.411	33.940	155.000	4	19	360	3.664	0.901	16.577	119.700	4
19	305	6.817	1.261	33.339	154.300	3	19	361	3.687	0.922	16.595	118.300	4
19	306	6.780	1.281	32.992	154.000	3	19	362	3.658	0.890	16.610	116.800	3
19	307	6.629	1.191	32.626	153.600	3	19	363	3.771	0.997	16.645	115.300	3
19	309	6.480	1.153	31.958	152.800	3	19	365	3.673	0.936	16.423	113.300	3
19	310	6.462	1.191	31.628	152.400	3	19	366	3.526	0.936	16.287	109.500	2
19	311	6.594	1.180	32.486	153.400	3	19	368	3.526	0.867	15.956	109.500	2
19	312	6.358	1.191	30.999	152.800	3	19	369	3.476	0.861	15.690	108.100	3
19	313	6.318	1.194	30.743	152.200	4	19	370	3.519	0.901	15.704	106.700	3
19	314	6.233	1.214	30.475	151.600	4	19	371	3.561	0.919	15.853	105.200	2
19	316	6.150	1.153	29.978	150.400	3	19	373	3.574	0.898	16.052	103.000	3
19	317	6.119	1.153	29.795	149.900	4	19	374	3.596	0.922	16.044	102.000	3
19	318	6.088	1.162	29.556	149.300	3	19	375	3.633	0.916	16.304	99.900	4
19	319	6.083	1.197	29.314	148.700	3	19	376	3.641	0.916	16.349	98.400	4
19	320	6.064	1.214	29.097	148.100	3	19	377	3.650	0.916	16.408	97.400	4
19	321	6.019	1.211	28.848	147.400	3	19	378	3.667	0.916	16.507	95.700	4
19	322	5.959	1.188	28.625	146.900	3	19	379	3.704	0.945	16.558	94.300	4
19	323	5.660	1.017	27.858	146.900	3	19	380	3.686	0.933	16.516	93.000	4
19	324	5.568	0.977	27.547	146.400	3	19	381	3.647	0.890	16.542	90.800	3
19	325	5.542	1.003	27.234	145.900	3	19	382	3.641	0.890	16.509	90.200	4
19	326	5.455	0.974	26.885	145.300	3	19	386	3.663	0.875	16.725	84.100	3
19	327	5.386	0.942	26.663	145.000	3	19	387	3.596	0.832	16.584	82.600	4
19	328	5.349	0.962	26.319	144.400	3	19	388	3.677	0.896	16.687	81.600	4
19	329	5.266	0.930	26.013	143.900	3	11	10	3.641	1.113	-15.170	23.600	3
19	330	5.180	0.836	25.704	143.300	3	11	13	3.340	0.756	15.500	185.500	2
19	331	5.160	0.927	25.394	142.700	3	11	183	2.894	0.704	13.141	187.800	2

SHOT 22, SHOTPOINT 11

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
11	281	7.224	0.603	340	3.556	0.745	16.867	184.200	2
11	283	7.232	0.756	341	3.472	0.727	16.467	184.300	3
11	284	7.220	0.800	343	3.337	0.724	15.676	184.600	3
11	286	7.078	0.800	344	3.284	0.739	15.273	184.900	3
11	287	6.946	0.733	345	3.186	0.707	14.873	185.200	3
11	288	6.825	0.681	346	3.088	0.675	14.478	185.600	3
11	289	6.814	0.736	347	3.022	0.675	14.081	185.900	3
11	290	6.712	0.701	348	2.957	0.675	13.691	186.200	2
11	291	6.582	0.635	349	2.912	0.696	13.302	186.600	2
11	292	6.516	0.635	350	2.834	0.701	12.795	187.600	2
11	293	6.493	0.672	351	2.756	0.681	12.449	188.200	2
11	294	6.453	0.698	353	2.674	0.730	11.662	190.200	1
11	296	6.432	0.803	354	2.584	0.716	11.211	190.800	1
11	297	6.341	0.774	355	2.516	0.724	10.747	190.600	1
11	299	6.248	0.809	356	2.463	0.739	10.341	190.900	1
11	300	6.269	0.896	357	2.397	0.745	9.911	191.900	1
11	301	6.225	0.913	358	2.270	0.684	9.514	194.400	2
11	302	6.017	0.768	359	2.174	0.658	9.097	194.500	2
11	303	5.955	0.768	360	2.133	0.675	8.747	193.700	1
11	305	5.892	0.823	361	2.049	0.655	8.363	192.900	1
11	306	5.848	0.846	362	1.968	0.640	7.963	192.000	1
11	307	5.620	0.690	363	1.913	0.655	7.551	190.900	1
11	308	5.551	0.684	364	1.788	0.609	7.074	190.100	1
11	309	5.479	0.681	365	1.658	0.501	6.941	191.600	4
11	310	5.385	0.652	366	1.595	0.501	6.561	192.200	4
11	311	5.601	0.698	367	1.531	0.501	6.176	193.400	4
11	312	5.334	0.675	368	1.434	0.467	5.806	194.300	4
11	313	5.319	0.724	369	1.389	0.487	5.411	196.800	4
11	314	5.289	0.724	370	1.288	0.452	5.015	196.600	4
11	316	5.170	0.768	371	1.178	0.409	4.615	194.800	2
11	317	5.122	0.768	372	1.095	0.380	4.292	195.700	2
11	318	4.943	0.652	373	1.058	0.394	3.986	192.000	2
11	319	4.883	0.655	374	0.979	0.362	3.699	192.100	2
11	320	4.833	0.664	375	0.890	0.371	3.117	187.500	1
11	321	4.748	0.646	376	0.783	0.333	2.700	186.300	1
11	322	4.683	0.643	377	0.647	0.246	2.406	184.700	1
11	323	4.573	0.629	378	0.495	0.171	1.946	181.400	2
11	324	4.490	0.611	379	0.379	0.122	1.541	178.500	1
11	325	4.374	0.562	380	0.302	0.107	1.171	178.900	1
11	326	4.265	0.527	381	0.205	0.116	0.532	172.200	1
11	327	4.312	0.617	382	0.088	0.029	-0.354	173.500	0
11	328	4.179	0.556	383	0.027	0.017	-0.056	350.200	0
11	329	4.115	0.559	384	0.174	0.049	-0.750	357.900	0
11	330	4.109	0.620	385	0.235	0.049	-1.112	356.500	0
11	331	4.010	0.588	386	0.343	0.104	-1.435	6.800	0
11	332	3.963	0.609	387	0.422	0.116	-1.838	359.400	1
11	333	3.875	0.597						
11	334	3.849	0.623						
11	335	3.836	0.664						
11	336	3.789	0.681						
11	338	3.422	0.475						
11	339	3.580	0.701						

SHOT 22, SHOTPOINT 11

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
11	281	7.224	0.603	39.728	186.400	4
11	283	7.232	0.756	38.855	186.500	4
11	284	7.220	0.800	38.519	186.400	4
11	286	7.078	0.800	37.668	186.500	4
11	287	6.946	0.733	37.277	186.500	4
11	288	6.825	0.681	36.866	186.600	4
11	289	6.814	0.736	36.465	186.700	4
11	290	6.712	0.701	36.064	186.900	4
11	291	6.582	0.635	35.684	186.800	4
11	292	6.516	0.635	35.289	186.500	4
11	293	6.493	0.672	34.922	186.300	2
11	294	6.453	0.698	34.531	186.100	2
11	296	6.432	0.803	33.776	185.700	4
11	297	6.341	0.774	33.401	185.500	4
11	299	6.248	0.809	32.636	184.900	4
11	300	6.269	0.896	32.238	184.700	4
11	301	6.225	0.913	31.821	184.500	4
11	302	6.017	0.768	31.495	184.200	4
11	303	5.955	0.768	31.120	183.900	4
11	305	5.892	0.823	30.414	183.900	4
11	306	5.848	0.846	30.010	183.900	4
11	307	5.620	0.690	29.581	183.800	3
11	308	5.551	0.684	29.205	183.800	4
11	309	5.479	0.681	28.788	183.800	4
11	310	5.385	0.652	28.396	183.800	4
11	311	5.601	0.698	28.413	183.800	3
11	312	5.334	0.675	27.953	184.700	4
11	313	5.319	0.724	27.568	184.500	4
11	314	5.289	0.724	27.177	184.200	4
11	316	5.170	0.768	26.413	183.700	4
11	317	5.122	0.768	26.126	183.400	4
11	318	4.943	0.652	25.747	183.100	4
11	319	4.883	0.655	25.367	182.800	4
11	320	4.833	0.664	25.017	182.500	4
11	321	4.748	0.646	24.611	182.200	2
11	322	4.683	0.643	24.240	181.900	2
11	323	4.573	0.629	23.668	183.100	3
11	324	4.490	0.611	23.269	183.100	2
11	325	4.374	0.562	22.873	183.000	3
11	326	4.265	0.527	22.424	183.000	3
11	327	4.312	0.617	22.170	183.100	2
11	328	4.179	0.556	21.736	183.100	3
11	329	4.115	0.559	21.335	183.100	3
11	330	4.109	0.620	20.932	183.100	3
11	331	4.010	0.588	20.530	183.100	3
11	332	3.963	0.609	20.129	183.100	3
11	333	3.875	0.597	19.667	183.200	2
11	334	3.849	0.623	19.356	183.700	2
11	335	3.836	0.664	19.037	183.900	2
11	336	3.789	0.681	18.650	184.000	2
11	338	3.422	0.475	17.683	183.800	2
11	339	3.580	0.701	17.272	184.000	3

SHOT 23, SHOTPOINT 8							SHOT 23, SHOTPOINT 8						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
8	8	0.032	0.032	0.000	180.000	0	8	336	5.575	0.910	-27.993	9.700	4
8	9	1.953	0.652	7.803	167.400	2	8	338	5.734	0.907	-28.959	9.600	3
8	10	11.000	0.782	-61.305	11.400	4	8	339	5.801	0.907	-29.363	9.400	4
8	183	6.595	1.020	-33.446	7.200	3	8	340	5.969	1.009	-29.763	9.300	3
8	281	1.880	0.730	-6.898	13.100	1	8	341	6.035	1.009	-30.157	9.100	3
8	283	2.102	0.809	-7.763	12.100	1	8	342	6.105	1.014	-30.547	9.000	3
8	284	2.217	0.867	-8.100	12.000	1	8	343	6.168	1.011	-30.940	8.800	3
8	286	2.389	0.898	-8.946	11.400	1	8	344	6.194	0.971	-31.336	8.600	3
8	287	2.465	0.910	-9.333	11.000	1	8	345	6.245	0.956	-31.730	8.400	3
8	288	2.533	0.910	-9.740	10.500	1	8	346	6.324	0.971	-32.120	8.200	3
8	289	2.596	0.907	-10.135	9.900	1	8	347	6.381	0.962	-32.513	8.100	3
8	290	2.703	0.948	-10.530	9.300	1	8	348	6.515	1.032	-32.900	7.900	3
8	291	2.749	0.930	-10.913	9.500	1	8	349	6.611	1.064	-33.287	7.800	3
8	292	2.776	0.890	-11.315	10.100	1	8	350	6.725	1.093	-33.792	7.300	3
8	293	2.821	0.872	-11.690	10.600	1	8	351	6.696	1.006	-34.140	7.100	4
8	294	2.873	0.858	-12.090	11.100	1	8	353	6.711	0.887	-34.943	6.500	4
8	296	2.985	0.840	-12.868	12.000	1	8	354	6.767	0.867	-35.401	6.300	3
8	297	3.073	0.864	-13.255	12.400	1	8	355	6.872	0.896	-35.861	6.400	3
8	299	3.211	0.869	-14.052	13.100	2	8	357	7.038	0.939	-36.713	6.200	2
8	300	3.237	0.826	-14.464	13.400	2	8	358	7.011	0.817	-37.161	5.600	3
8	301	3.220	0.745	-14.849	13.700	2	8	359	7.057	0.794	-37.577	5.700	3
8	302	3.396	0.855	-15.244	14.100	4	8	360	7.230	0.913	-37.905	6.000	3
8	303	3.421	0.814	-15.639	14.300	4	8	361	7.236	0.858	-38.269	6.200	3
8	305	3.538	0.814	-16.339	14.000	4	8	362	7.268	0.826	-38.655	6.500	3
8	306	3.740	0.951	-16.739	13.800	3	8	363	7.297	0.788	-39.053	6.700	3
8	307	3.808	0.948	-17.163	13.600	3	8	364	7.375	0.788	-39.522	6.900	4
8	309	3.899	0.907	-17.949	13.200	4	8	365	7.562	0.951	-39.668	6.700	3
8	310	3.964	0.907	-18.339	13.100	3	8	366	7.533	0.858	-40.052	6.600	3
8	311	3.798	0.910	-17.330	13.500	3	8	367	7.559	0.817	-40.450	6.500	3
8	312	4.055	0.936	-18.710	11.400	3	8	368	7.645	0.840	-40.828	6.400	2
8	313	4.121	0.936	-19.108	11.700	3	8	369	7.717	0.840	-41.257	6.200	2
8	314	4.214	0.962	-19.511	11.900	3	8	370	7.726	0.785	-41.643	6.300	2
8	316	4.346	0.962	-20.305	12.300	3	8	371	7.788	0.785	-42.014	6.600	2
8	317	4.408	0.974	-20.604	12.500	3	8	372	7.851	0.794	-42.344	6.600	2
8	318	4.442	0.942	-21.001	12.700	3	8	373	7.931	0.829	-42.615	7.000	3
8	319	4.508	0.942	-21.398	12.800	3	8	374	7.962	0.811	-42.901	7.000	3
8	320	4.587	0.959	-21.766	13.000	3	8	375	8.030	0.785	-43.470	7.400	4
8	321	4.699	1.000	-22.192	13.200	3	8	376	8.100	0.785	-43.888	7.500	4
8	322	4.709	0.945	-22.584	13.400	3	8	377	8.135	0.771	-44.183	7.600	4
8	323	4.776	0.933	-23.055	11.800	3	8	378	8.190	0.748	-44.652	7.700	4
8	324	4.822	0.913	-23.452	11.700	3	8	379	8.258	0.748	-45.065	7.700	4
8	325	4.901	0.927	-23.845	11.600	3	8	380	8.345	0.774	-45.430	7.600	3
8	326	4.938	0.890	-24.291	11.500	3	8	381	8.398	0.719	-46.073	7.600	3
8	327	5.002	0.913	-24.537	11.300	3	8	382	8.452	0.745	-46.243	7.500	4
8	328	5.117	0.956	-24.966	11.200	3	8	383	8.457	0.684	-46.640	7.400	4
8	329	5.242	1.014	-25.364	11.000	3	8	384	8.609	0.722	-47.326	7.300	4
8	330	5.308	1.014	-25.764	10.900	2	8	385	8.694	0.748	-47.680	7.200	3
8	331	5.351	0.991	-26.161	10.800	2	8	386	8.737	0.733	-48.022	7.400	4
8	332	5.461	1.035	-26.559	10.700	3	8	387	8.775	0.707	-48.408	7.100	4
8	333	5.473	0.971	-27.011	10.500	3	8	388	8.828	0.707	-48.724	7.100	4
8	334	5.498	0.948	-27.303	10.100	3							
8	335	5.549	0.948	-27.610	9.800	4							

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	SHOT 24, SHOTPOINT 9			SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	SHOT 24, SHOTPOINT 9		
				DISTANCE	AZIMUTH	WEIGHT					DISTANCE	AZIMUTH	WEIGHT
9	8	2.216	0.916	-7.803	347.400	1	9	336	6.944	1.055	-35.336	4.900	2
9	9	0.029	0.029	0.000	180.000	0	9	338	7.137	1.087	-36.303	4.900	2
9	10	12.116	0.638	-68.508	8.700	0	9	339	7.197	1.078	-36.714	4.800	2
9	13	7.495	1.081	-38.487	4.200	2	9	340	7.264	1.078	-37.118	4.800	2
9	183	7.913	1.101	-40.871	3.500	2	9	341	7.345	1.093	-37.517	4.700	2
9	281	3.473	1.084	-14.335	359.400	1	9	342	7.400	1.081	-37.912	4.600	2
9	283	3.638	1.104	-15.205	359.700	1	9	343	7.466	1.081	-38.309	4.600	2
9	284	3.734	1.145	-15.537	359.900	1	9	344	7.547	1.096	-38.712	4.400	2
9	286	3.875	1.145	-16.383	0.200	4	9	345	7.577	1.058	-39.112	4.300	2
9	287	3.941	1.145	-16.776	0.300	4	9	346	7.646	1.061	-39.509	4.200	2
9	288	4.010	1.145	-17.190	0.300	4	9	347	7.718	1.067	-39.908	4.100	2
9	289	4.078	1.145	-17.597	0.100	4	9	348	7.801	1.084	-40.301	4.000	2
9	290	4.146	1.145	-18.006	360.000	4	9	349	7.898	1.116	-40.693	3.900	2
9	291	4.208	1.145	-18.377	0.300	4	9	350	7.976	1.107	-41.212	3.600	2
9	292	4.271	1.145	-18.756	0.900	4	9	351	7.968	1.040	-41.568	3.500	2
9	293	4.330	1.145	-19.109	1.400	4	9	353	8.060	0.994	-42.394	3.000	2
9	294	4.294	1.046	-19.489	1.800	4	9	354	8.119	0.977	-42.856	2.900	2
9	296	4.385	1.014	-20.225	2.700	1	9	355	8.158	0.939	-43.311	3.100	2
9	297	4.484	1.052	-20.593	3.200	1	9	357	8.263	0.901	-44.171	2.900	2
9	299	4.651	1.093	-21.350	4.000	1	9	358	8.341	0.901	-44.639	2.500	2
9	300	4.740	1.116	-21.747	4.300	1	9	359	8.442	0.933	-45.051	2.600	2
9	301	4.833	1.148	-22.114	4.700	1	9	360	8.506	0.945	-45.369	2.800	2
9	302	4.853	1.104	-22.491	5.100	2	9	361	8.565	0.945	-45.724	3.100	2
9	303	4.971	1.159	-22.869	5.400	3	9	362	8.628	0.945	-46.099	3.300	2
9	305	5.089	1.159	-23.576	5.500	4	9	363	8.684	0.936	-46.487	3.500	2
9	306	5.205	1.209	-23.980	5.500	1	9	365	8.784	0.933	-47.103	3.500	2
9	307	5.288	1.220	-24.409	5.500	1	9	366	8.833	0.919	-47.488	3.500	2
9	309	5.400	1.200	-25.202	5.500	1	9	367	8.840	0.858	-47.891	3.400	2
9	310	5.437	1.171	-25.595	5.500	1	9	368	8.886	0.840	-48.271	3.400	2
9	312	5.492	1.153	-26.032	4.400	2	9	369	8.938	0.820	-48.709	3.200	2
9	313	5.545	1.142	-26.417	4.700	2	9	370	8.976	0.794	-49.089	3.400	2
9	314	5.610	1.142	-26.808	4.900	1	9	371	9.036	0.794	-49.449	3.600	2
9	316	5.793	1.197	-27.578	5.500	1	9	372	9.143	0.846	-49.780	3.600	2
9	317	5.798	1.153	-27.868	5.700	2	9	373	9.182	0.843	-50.034	4.000	3
9	318	5.822	1.113	-28.254	5.900	2	9	374	9.230	0.843	-50.319	4.000	2
9	319	5.851	1.078	-28.640	6.100	2	9	375	9.279	0.800	-50.872	4.400	3
9	320	5.940	1.107	-28.998	6.300	2	9	376	9.350	0.803	-51.286	4.500	3
9	321	6.032	1.130	-29.413	6.600	2	9	378	9.476	0.803	-52.041	4.700	4
9	322	6.134	1.168	-29.794	6.800	1	9	379	9.530	0.788	-52.452	4.800	3
9	323	6.148	1.093	-30.331	5.700	2	9	380	9.606	0.803	-52.820	4.700	3
9	324	6.232	1.110	-30.730	5.700	2	9	381	9.713	0.803	-53.464	4.700	4
9	325	6.312	1.124	-31.126	5.700	2	9	382	9.742	0.803	-53.637	4.700	4
9	326	6.387	1.124	-31.575	5.700	2	9	383	9.803	0.803	-54.038	4.600	4
9	327	6.420	1.116	-31.827	5.600	2	9	384	9.824	0.803	-54.729	4.500	4
9	328	6.504	1.127	-32.261	5.600	3	9	385	9.836	0.655	-55.086	4.400	3
9	329	6.571	1.127	-32.661	5.600	2	9	386	9.903	0.672	-55.418	4.600	3
9	330	6.635	1.124	-33.064	5.500	1	9	387	9.960	0.658	-55.815	4.400	4
9	331	6.702	1.124	-33.466	5.500	1							
9	332	6.763	1.119	-33.866	5.500	1							
9	333	6.785	1.064	-34.326	5.400	2							
9	334	6.821	1.049	-34.633	5.100	2							
9	335	6.836	1.011	-34.949	4.900	2							

SHOT 25, SHOTPOINT 10							SHOT 25, SHOTPOINT 10						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
10	8	11.000	0.782	61.305	191.400	4	10	332	6.699	0.907	34.749	191.900	2
10	9	12.198	0.780	68.508	188.700	4	10	333	6.606	0.890	34.299	192.100	2
10	10	0.000	0.000	0.000	180.000	4	10	334	6.608	0.939	34.014	192.400	3
10	13	6.120	1.072	30.288	194.400	2	10	335	6.566	0.948	33.712	192.600	2
10	183	5.645	0.971	28.046	196.300	2	10	336	6.544	0.988	33.333	192.800	2
10	281	9.967	0.898	54.410	191.200	4	10	338	6.383	0.988	32.371	193.000	2
10	283	9.895	0.971	53.542	191.300	4	10	339	6.352	1.023	31.973	193.200	3
10	284	9.720	0.852	53.205	191.300	4	10	340	6.286	1.023	31.580	193.400	2
10	285	9.731	0.927	52.824	191.300	4	10	341	6.251	1.052	31.193	193.600	3
10	286	9.677	0.951	52.359	191.400	3	10	342	6.173	1.038	30.811	193.800	3
10	287	9.630	0.968	51.972	191.400	3	10	343	6.134	1.064	30.424	193.900	2
10	288	9.507	0.913	51.566	191.500	3	10	344	6.070	1.064	30.041	194.200	2
10	289	9.424	0.896	51.173	191.700	3	10	345	5.847	0.904	29.659	194.500	3
10	290	9.397	0.933	50.783	191.800	3	10	346	5.837	0.956	29.283	194.800	3
10	291	9.353	0.953	50.398	191.800	3	10	347	5.814	0.997	28.903	195.100	3
10	292	9.251	0.919	49.993	191.700	3	10	348	5.787	1.032	28.532	195.400	3
10	293	9.205	0.936	49.616	191.500	3	10	349	5.725	1.032	28.161	195.600	3
10	294	9.182	0.980	49.214	191.400	3	10	350	5.601	0.985	27.695	196.300	3
10	296	9.047	0.974	48.438	191.200	4	10	351	5.559	0.997	27.373	196.700	3
10	297	8.916	0.907	48.052	191.100	4	10	353	5.500	1.058	26.653	197.800	2
10	299	8.868	0.991	47.262	190.800	4	10	354	5.373	1.003	26.221	198.200	3
10	300	8.786	0.977	46.853	190.700	4	10	355	5.359	1.067	25.757	198.200	3
10	301	8.722	0.977	46.473	190.600	4	10	357	5.261	1.101	24.956	199.000	3
10	302	8.657	0.977	46.083	190.500	4	10	358	5.136	1.035	24.610	200.100	3
10	303	8.592	0.977	45.695	190.400	4	10	359	5.070	1.038	24.197	200.200	2
10	305	8.475	0.977	44.989	190.400	4	10	360	5.019	1.046	23.835	200.000	2
10	306	8.457	1.026	44.587	190.500	4	10	361	4.903	0.997	23.439	199.800	3
10	307	8.203	0.843	44.159	190.500	4	10	362	4.835	0.997	23.026	199.600	3
10	308	8.141	0.843	43.785	190.600	4	10	363	4.691	0.924	22.598	199.400	3
10	309	8.072	0.843	43.369	190.600	4	10	365	4.624	0.956	22.007	199.800	3
10	310	8.032	0.869	42.978	190.600	4	10	366	4.543	0.936	21.641	200.100	2
10	311	8.175	0.843	43.992	190.500	4	10	367	4.456	0.910	21.277	200.600	2
10	312	7.937	0.838	42.594	191.400	4	10	368	4.417	0.930	20.922	201.000	2
10	313	7.867	0.835	42.197	191.200	4	10	369	4.391	0.965	20.553	201.800	2
10	314	7.847	0.881	41.795	191.100	4	10	370	4.304	0.945	20.158	201.800	2
10	316	7.715	0.881	41.003	190.900	4	10	371	4.244	0.953	19.743	201.500	3
10	317	7.715	0.930	40.706	190.800	4	10	372	4.204	0.965	19.431	201.900	2
10	318	7.649	0.930	40.312	190.700	4	10	373	4.170	0.988	19.092	201.200	2
10	319	7.604	0.951	39.918	190.600	4	10	374	4.054	0.919	18.810	201.300	2
10	320	7.514	0.922	39.553	190.500	4	10	375	3.979	0.948	18.186	200.900	2
10	321	7.423	0.901	39.131	190.300	3	10	376	3.859	0.898	17.766	201.000	3
10	322	7.359	0.901	38.743	190.200	3	10	377	3.815	0.904	17.465	201.000	3
10	323	7.276	0.901	38.251	191.100	3	10	378	3.736	0.904	16.988	201.100	2
10	324	7.175	0.867	37.853	191.100	3	10	379	3.638	0.875	16.579	201.300	2
10	325	7.130	0.887	37.460	191.200	3	10	380	3.570	0.864	16.241	201.900	2
10	326	7.041	0.872	37.014	191.300	3	10	381	3.503	0.898	15.627	202.600	2
10	327	7.015	0.887	36.767	191.400	3	10	382	3.437	0.858	15.477	202.900	2
10	328	6.946	0.890	36.339	191.500	2	10	383	3.387	0.867	15.123	203.700	2
10	329	6.880	0.890	35.941	191.600	2	10	384	3.251	0.835	14.498	204.900	3
10	330	6.813	0.890	35.542	191.700	3	10	385	3.211	0.846	14.188	205.600	3
10	331	6.747	0.890	35.145	191.800	2	10	386	3.135	0.835	13.802	205.300	2
							10	387	3.084	0.832	13.514	206.800	3

SHOT 26, SHOTPOINT 5

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
5	8	6.918	1.353	33.385	166.400	3	5	334	3.253	0.956	13.777	113.800	3
5	9	8.218	1.353	41.188	166.600	4	5	335	3.181	0.916	13.590	112.700	2
5	13	2.948	0.869	12.474	97.800	3	5	336	3.224	0.982	13.449	111.200	3
5	183	2.900	0.890	12.062	86.500	3	5	337	3.201	0.985	13.292	109.500	4
5	281	5.934	1.368	27.393	159.900	2	5	339	3.119	0.936	13.096	105.400	3
5	283	5.793	1.359	26.602	159.200	2	5	340	3.100	0.936	12.982	103.700	3
5	284	5.745	1.359	26.313	158.800	2	5	341	3.082	0.936	12.875	102.000	3
5	286	5.601	1.342	25.556	157.900	2	5	342	3.095	0.965	12.781	100.300	3
5	287	5.475	1.275	25.197	157.600	3	5	343	3.065	0.945	12.722	98.500	3
5	288	5.385	1.249	24.815	157.200	3	5	344	3.012	0.910	12.611	96.700	3
5	289	5.320	1.249	24.427	156.900	2	5	345	2.998	0.910	12.528	94.900	3
5	290	5.251	1.246	24.031	156.600	2	5	346	2.964	0.890	12.446	93.100	3
5	291	5.217	1.261	23.736	156.000	2	5	347	2.956	0.890	12.396	91.200	3
5	292	5.096	1.185	23.466	155.300	2	5	348	3.000	0.942	12.349	89.400	3
5	293	5.087	1.217	23.220	154.500	2	5	349	2.996	0.942	12.323	87.500	3
5	294	5.119	1.293	22.958	153.700	2	5	350	2.988	0.956	12.191	85.000	3
5	296	4.986	1.240	22.471	152.100	2	5	352	2.799	0.780	12.115	80.800	3
5	297	4.969	1.264	22.232	151.300	2	5	353	2.814	0.817	11.979	79.100	3
5	299	4.892	1.264	21.768	149.600	4	5	354	2.920	0.913	12.043	76.900	3
5	300	4.827	1.240	21.517	148.700	4	5	355	2.899	0.855	12.267	75.000	3
5	301	4.791	1.240	21.306	147.800	4	5	356	2.874	0.806	12.412	73.200	3
5	302	4.678	1.162	21.097	146.900	4	5	357	2.831	0.753	12.466	71.100	3
5	303	4.606	1.124	20.887	145.900	4	5	358	2.883	0.823	12.323	68.400	3
5	305	4.506	1.113	20.356	144.600	3	5	360	3.003	0.858	12.874	65.900	2
5	306	4.469	1.127	20.049	143.900	3	5	361	3.056	0.785	13.209	64.900	2
5	307	4.392	1.104	19.729	143.000	3	5	362	3.056	0.797	13.553	63.900	3
5	308	4.251	1.009	19.456	142.300	2	5	363	3.102	0.782	13.920	62.900	3
5	309	4.421	1.229	19.155	141.400	3	5	365	3.211	0.838	14.241	60.800	3
5	310	4.305	1.159	18.874	140.600	3	5	366	3.216	0.809	14.444	59.500	3
5	311	4.372	1.104	19.609	142.700	3	5	367	3.244	0.809	14.610	58.000	3
5	312	4.196	1.159	18.222	140.700	3	5	368	3.176	0.707	14.814	56.800	2
5	313	4.177	1.171	18.039	139.600	3	5	369	3.238	0.745	14.957	55.100	4
5	314	4.131	1.156	17.847	138.400	3	5	370	3.280	0.733	15.281	54.200	3
5	316	4.076	1.156	17.516	136.100	3	5	371	3.328	0.713	15.689	53.700	4
5	317	4.042	1.142	17.400	135.100	3	5	372	3.383	0.733	15.898	52.800	4
5	318	4.018	1.142	17.254	133.900	3	5	373	3.451	0.733	16.304	52.800	4
5	319	3.956	1.104	17.109	132.600	3	5	374	3.518	0.765	16.519	52.200	4
5	320	3.970	1.139	16.986	131.500	3	5	375	3.632	0.777	17.133	51.500	4
5	321	3.901	1.093	16.851	130.100	3	5	376	3.805	0.893	17.474	50.700	4
5	322	3.882	1.093	16.738	128.800	4	5	377	3.874	0.919	17.732	50.200	4
5	323	3.637	0.974	15.982	128.200	3	5	378	3.922	0.898	18.140	49.400	4
5	324	3.588	0.959	15.771	127.000	3	5	379	3.971	0.893	18.471	48.600	4
5	325	3.570	0.977	15.557	125.800	3	5	380	4.010	0.893	18.705	47.700	4
5	326	3.494	0.939	15.330	124.300	4	5	381	4.144	0.948	19.178	46.400	4
5	327	3.482	0.953	15.169	123.600	3	5	382	4.068	0.855	19.277	46.000	4
5	328	3.399	0.939	14.949	122.200	3	5	383	4.118	0.864	19.526	45.000	4
5	329	3.400	0.909	14.767	120.800	3	5	384	4.199	0.864	20.010	43.600	4
5	330	3.364	0.933	14.587	119.400	3	5	385	4.238	0.864	20.246	42.900	4
5	331	3.306	0.904	14.409	117.900	3	5	386	4.309	0.863	20.638	42.700	4
5	332	3.230	0.855	14.248	116.500	3	5	387	4.362	0.853	20.817	41.500	4
5	333	3.221	0.884	14.023	114.800	3	12	10	4.759	1.078	-22.087	19.500	4

SHOT 28, SHOTPOINT 6
SHOT 29, SHOTPOINT 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
6	283	2.439	0.843	-9.571	194.500	2	6	340	2.877	0.787	-12.541	3.500	3
6	284	2.582	1.043	9.235	194.700	1	6	341	2.961	0.804	-12.942	3.300	3
6	284	2.574	1.035	9.235	194.700	1	6	342	2.997	0.774	-13.338	3.100	3
6	286	2.408	1.008	8.397	195.600	1	6	343	3.115	0.826	-13.735	3.100	3
6	287	2.292	0.956	8.016	196.200	1	6	344	3.161	0.804	-14.140	2.800	3
6	288	2.200	0.930	7.619	197.100	1	6	345	3.176	0.752	-14.543	2.500	3
6	289	2.107	0.900	7.241	198.300	1	6	346	3.277	0.787	-14.942	2.200	3
6	290	2.036	0.891	6.870	199.800	1	6	347	3.305	0.748	-15.343	2.100	3
6	291	1.946	0.865	6.485	200.000	1	6	348	3.366	0.743	-15.738	1.800	3
6	292	1.877	0.865	6.070	199.600	1	6	349	3.471	0.782	-16.133	1.700	4
6	293	1.812	0.865	5.683	199.200	1	6	350	3.598	0.822	-16.660	1.000	4
6	294	1.735	0.856	5.273	198.800	1	6	351	3.667	0.830	-17.020	0.700	4
6	296	1.559	0.813	4.478	197.500	0	6	353	3.907	0.930	-17.864	359.700	4
6	297	1.502	0.822	4.085	196.900	1	6	354	3.807	0.752	-18.328	359.600	3
6	299	1.268	0.722	3.280	194.600	1	6	355	3.864	0.735	-18.777	0.000	3
6	300	1.125	0.648	2.867	193.500	1	6	357	3.973	0.700	-19.641	359.900	3
6	301	1.035	0.622	2.483	191.600	1	6	358	4.316	0.961	-20.129	358.900	4
6	302	0.875	0.526	2.095	188.800	1	6	360	4.461	0.987	-20.843	359.800	4
6	303	0.790	0.504	1.713	185.100	0	6	361	4.401	0.869	-21.187	0.300	4
6	305	0.515	0.348	1.006	184.000	0	6	362	4.644	1.052	-21.554	0.900	4
6	306	0.330	0.230	0.602	183.300	0	6	363	4.534	0.878	-21.934	1.500	4
6	307	0.142	0.113	0.174	178.200	0	6	364	4.609	0.878	-22.388	1.900	4
6	308	0.108	0.074	-0.205	12.700	0	6	365	4.636	0.878	-22.549	1.500	4
6	309	0.312	0.208	-0.621	8.000	1	6	366	4.700	0.878	-22.934	1.500	4
6	310	0.504	0.335	-1.014	7.000	0	6	367	4.768	0.878	-23.340	1.400	4
6	311	0.030	0.026	0.027	105.500	0	6	368	4.771	0.817	-23.721	1.300	4
6	312	0.679	0.426	-1.518	347.700	1	6	369	4.814	0.787	-24.164	1.000	4
6	313	0.771	0.461	-1.864	355.100	1	6	370	4.846	0.756	-24.540	1.300	4
6	314	0.868	0.435	-2.238	359.600	1	6	371	4.905	0.756	-24.892	1.900	4
6	316	1.260	0.761	-2.597	5.800	2	6	372	4.947	0.743	-25.222	1.900	3
6	317	1.365	0.817	-3.289	7.400	1	6	373	4.988	0.743	-25.468	2.600	3
6	318	1.417	0.804	-3.679	9.100	2	6	374	5.183	0.891	-25.752	2.700	4
6	319	1.448	0.769	-4.071	10.400	2	6	375	5.274	0.891	-26.298	3.400	4
6	320	1.526	0.787	-4.437	11.500	2	6	376	5.421	0.969	-26.711	3.600	4
6	321	1.645	0.835	-4.862	12.400	2	6	377	5.426	0.926	-27.002	3.800	4
6	322	1.688	0.813	-5.253	13.200	2	6	378	5.503	0.926	-27.464	4.100	4
6	323	1.750	0.791	-5.751	7.100	1	6	379	5.471	0.826	-27.874	4.200	4
6	324	1.838	0.813	-6.150	7.000	1	6	380	5.594	0.887	-28.242	4.100	4
6	325	1.926	0.835	-6.546	6.800	2	6	381	5.701	0.887	-28.887	4.000	4
6	326	1.926	0.761	-6.995	6.700	2	6	382	5.730	0.887	-29.060	4.000	4
6	327	2.077	0.869	-7.247	6.300	2	6	383	5.862	0.952	-29.462	3.900	4
6	328	2.106	0.826	-7.680	6.000	2	6	384	5.904	0.878	-30.154	3.700	4
6	329	2.177	0.830	-8.080	6.000	2	6	385	6.037	0.952	-30.512	3.600	4
6	330	2.248	0.835	-8.483	5.800	2	6	386	6.010	0.869	-30.841	4.000	4
6	331	2.324	0.843	-8.884	5.700	2	6	387	6.076	0.869	-31.241	3.600	4
6	332	2.391	0.843	-9.285	5.600	2	7	8	2.171	0.756	8.487	191.600	4
6	333	2.394	0.769	-9.745	5.200	2	7	9	3.368	0.713	15.930	180.000	4
6	334	2.571	0.895	-10.053	4.300	3	7	13	4.772	1.000	-22.631	7.200	2
6	335	2.589	0.861	-10.371	3.800	3	7	41	8.701	0.716	-47.913	341.900	4
6	336	2.680	0.887	-10.758	3.700	3	7	86	5.426	0.959	-26.801	25.900	4
6	337	2.744	0.882	-11.170	3.500	4	7	89	5.936	0.846	-30.541	18.800	4
6	339	2.875	0.852	-12.136	3.700	3							

SHOT 29, SHOTPOINT 7												SHOT 29, SHOTPOINT 7 SHOT 30, SHOTPOINT 14			
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT		
7	183	4.997	0.832	-24.991	5.800	4	7	340	4.539	0.991	-21.285	8.300	3		
7	281	0.762	0.496	1.602	185.100	0	7	341	4.550	0.936	-21.681	8.100	3		
7	283	0.400	0.278	0.729	185.600	0	7	342	4.652	0.974	-22.072	8.000	3		
7	284	0.257	0.191	0.393	181.900	1	7	343	4.707	0.962	-22.466	7.800	3		
7	286	0.273	0.197	-0.459	8.600	1	7	344	4.755	0.945	-22.864	7.500	3		
7	287	0.431	0.290	-0.850	5.400	0	7	345	4.836	0.959	-23.260	7.300	3		
7	288	0.613	0.403	-1.263	3.600	0	7	346	4.872	0.930	-23.652	7.100	3		
7	289	0.762	0.484	-1.668	1.700	0	7	347	4.915	0.907	-24.047	6.900	4		
7	290	0.926	0.580	-2.077	359.900	0	7	348	4.948	0.875	-24.436	6.600	4		
7	291	1.028	0.620	-2.449	2.500	1	7	349	5.030	0.893	-24.825	6.500	4		
7	292	1.180	0.707	-2.838	5.800	1	7	350	5.214	0.991	-25.336	5.900	4		
7	293	1.262	0.727	-3.207	8.200	0	7	351	5.237	0.956	-25.686	5.700	4		
7	294	1.319	0.719	-3.604	10.000	0	7	353	5.330	0.913	-26.500	4.800	4		
7	296	1.475	0.745	-4.381	12.800	0	7	354	5.453	0.959	-26.960	4.700	4		
7	297	1.569	0.774	-4.770	13.800	0	7	355	5.364	0.794	-27.418	4.900	4		
7	299	1.734	0.806	-5.572	15.600	0	7	357	5.544	0.832	-28.274	4.600	3		
7	300	1.824	0.826	-5.987	16.000	0	7	358	5.731	0.942	-28.733	3.900	4		
7	301	1.932	0.869	-6.376	16.600	1	7	360	5.738	0.826	-29.470	4.300	4		
7	302	2.030	0.901	-6.775	17.200	1	7	361	5.754	0.782	-29.829	4.700	4		
7	303	2.088	0.893	-7.173	17.600	2	7	362	5.841	0.806	-30.210	5.000	4		
7	305	2.247	0.936	-7.868	16.600	2	7	363	5.947	0.846	-30.604	5.400	4		
7	306	2.369	0.991	-8.264	16.100	1	7	364	6.030	0.852	-31.070	5.700	4		
7	307	2.479	1.032	-8.686	15.500	1	7	365	6.032	0.829	-31.220	5.400	4		
7	308	2.512	1.003	-9.057	15.200	1	7	366	6.047	0.780	-31.604	5.300	4		
7	309	2.595	1.017	-9.469	14.700	1	7	367	6.114	0.780	-32.004	5.200	4		
7	310	2.646	1.003	-9.857	14.400	2	7	368	6.186	0.788	-32.384	5.100	3		
7	311	2.684	1.009	-8.852	15.400	1	7	369	6.278	0.809	-32.817	4.800	3		
7	312	2.695	0.991	-10.223	11.300	2	7	370	6.301	0.768	-33.200	5.000	3		
7	313	2.761	0.991	-10.621	11.700	2	7	371	6.371	0.777	-33.567	5.400	3		
7	314	2.837	1.000	-11.024	12.100	2	7	372	6.452	0.803	-33.897	5.300	3		
7	316	3.022	1.052	-11.819	12.800	1	7	373	6.543	0.849	-34.161	5.800	3		
7	317	3.057	1.038	-12.118	13.100	1	7	374	6.550	0.809	-34.447	5.900	4		
7	318	3.089	1.003	-12.517	13.400	2	7	375	6.600	0.765	-35.011	6.400	4		
7	320	3.211	0.997	-13.283	14.000	2	7	376	6.670	0.765	-35.427	6.500	4		
7	321	3.305	1.020	-13.710	14.200	3	7	377	6.719	0.765	-35.722	6.600	4		
7	322	3.385	1.035	-14.103	14.500	2	7	378	6.797	0.765	-36.189	6.800	4		
7	323	3.405	0.977	-14.568	12.000	2	7	379	6.865	0.765	-36.601	6.800	4		
7	324	3.451	0.956	-14.965	11.800	3	7	380	6.915	0.753	-36.967	6.700	4		
7	325	3.556	0.997	-15.357	11.600	2	7	381	7.080	0.811	-37.611	6.700	4		
7	326	3.637	1.003	-15.803	11.400	2	7	382	7.108	0.811	-37.782	6.600	4		
7	327	3.655	0.980	-16.050	11.200	2	7	383	7.175	0.811	-38.180	6.500	4		
7	328	3.749	1.003	-16.479	11.000	2	7	384	7.249	0.771	-38.868	6.300	4		
7	329	3.769	0.956	-16.877	10.800	3	7	385	7.244	0.707	-39.223	6.200	4		
7	330	3.816	0.936	-17.277	10.600	2	7	386	7.338	0.745	-39.562	6.500	4		
7	331	3.807	0.861	-17.675	10.400	2	7	387	7.403	0.745	-39.951	6.200	4		
7	332	3.882	0.869	-18.073	10.300	2									
7	333	4.027	0.939	-18.526	10.000	2	14	8	4.836	0.782	24.322	191.400	4		
7	334	4.049	0.913	-18.820	9.400	3	14	9	6.051	0.782	31.611	185.600	4		
7	335	4.063	0.881	-19.128	9.100	3	14	13	1.983	0.829	6.926	357.900	2		
7	336	4.147	0.896	-19.512	8.900	4	14	183	2.434	0.875	-9.350	356.500	3		
7	337	4.230	0.910	-19.919	8.700	4	14	281	3.820	0.916	17.428	190.700	4		
7	339	4.484	1.003	-20.884	8.500	3	14	283	3.676	0.916	16.560	191.000	3		

SHOT 30, SHOTPOINT 14

SHOT 30, SHOTPOINT 14
SHOT 31, SHOTPOINT 13

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
14	284	3.620	0.916	16.223	191.000	3	14	345	2.051	0.794	-7.541	359.100	3
14	286	3.481	0.919	15.376	191.300	3	14	346	2.124	0.800	-7.944	358.700	3
14	287	3.431	0.933	14.989	191.600	3	14	347	2.232	0.840	-8.347	358.500	3
14	288	3.349	0.919	14.584	191.900	3	14	348	2.266	0.809	-8.745	358.300	3
14	289	3.313	0.948	14.192	192.400	3	14	350	2.468	0.855	-9.680	357.300	3
14	290	3.205	0.904	13.804	192.900	3	14	351	2.199	0.524	-10.045	356.900	3
14	291	3.123	0.887	13.419	192.800	3	14	352	2.337	0.577	-10.563	356.500	3
14	292	3.055	0.887	13.012	192.400	2	14	353	2.395	0.577	-10.907	355.600	3
14	293	3.021	0.916	12.634	192.000	3	14	354	2.574	0.678	-11.373	355.600	4
14	294	2.925	0.887	12.232	191.600	2	14	355	2.647	0.678	-11.813	356.300	3
14	296	2.825	0.916	11.456	190.600	3	14	356	2.656	0.620	-12.217	356.600	3
14	297	2.744	0.898	11.071	190.100	3	14	357	2.780	0.667	-12.678	356.300	3
14	299	2.604	0.890	10.287	188.900	4	14	358	2.847	0.649	-13.187	355.000	4
14	300	2.528	0.881	9.881	188.400	4	14	360	3.009	0.696	-13.880	356.500	4
14	301	2.465	0.881	9.506	187.600	4	14	361	3.064	0.696	-14.212	357.400	4
14	302	2.402	0.881	9.124	186.800	4	14	362	3.109	0.681	-14.569	358.300	4
14	303	2.338	0.881	8.743	186.000	4	14	363	3.171	0.681	-14.939	359.200	3
14	305	2.220	0.881	8.036	186.000	4	14	364	3.266	0.701	-15.387	360.000	4
14	306	2.150	0.878	7.632	186.000	3	14	365	3.265	0.672	-15.554	359.400	4
14	308	1.952	0.814	6.827	186.000	3	14	366	3.288	0.632	-15.938	359.400	4
14	309	1.897	0.829	6.410	186.100	2	14	367	3.356	0.632	-16.346	359.300	4
14	311	1.955	0.782	7.035	186.000	3	14	368	3.385	0.597	-16.727	359.300	3
14	312	1.805	0.869	5.611	191.200	1	14	369	3.468	0.606	-17.175	358.900	3
14	313	1.678	0.809	5.215	190.200	4	14	370	3.489	0.565	-17.546	359.300	3
14	314	1.553	0.751	4.815	189.300	4	14	371	3.561	0.580	-17.890	0.200	4
14	316	1.345	0.672	4.033	186.600	3	14	373	3.679	0.603	-18.457	1.200	4
14	317	1.334	0.710	3.743	185.200	3	14	374	3.726	0.603	-18.740	1.400	4
14	318	1.169	0.609	3.361	183.100	3	14	375	3.816	0.603	-19.279	2.400	4
14	319	0.961	0.464	2.984	180.600	3	14	376	3.853	0.571	-19.691	2.700	4
14	320	0.890	0.449	2.643	177.500	2	14	377	3.901	0.571	-19.980	2.900	4
14	321	0.762	0.385	2.259	172.800	2	14	378	4.021	0.614	-20.440	3.300	3
14	322	0.701	0.380	1.926	166.900	0	14	379	4.078	0.603	-20.849	3.500	3
14	323	0.564	0.351	1.283	162.500	2	14	380	4.165	0.629	-21.218	3.400	3
14	324	0.385	0.238	0.884	181.100	2	14	382	4.278	0.606	-22.036	3.300	3
14	325	0.209	0.127	0.489	178.900	2	14	383	4.340	0.600	-22.440	3.100	4
14	326	0.036	0.026	0.062	131.500	0	14	384	4.455	0.600	-23.132	3.000	4
14	327	0.134	0.098	-0.216	6.700	0	14	385	4.515	0.600	-23.491	2.800	4
14	328	0.279	0.171	-0.650	3.900	1	14	386	4.569	0.600	-23.818	3.400	4
14	329	0.488	0.313	-1.050	4.100	0	14	387	4.636	0.600	-24.220	2.900	4
14	330	0.680	0.438	-1.453	3.900	0							
14	331	0.808	0.498	-1.855	3.600	1							
14	332	0.927	0.551	-2.256	3.600	1							
14	333	1.004	0.551	-2.719	2.500	1							
14	334	1.123	0.617	-3.036	359.800	1							
14	335	1.195	0.635	-3.360	358.700	1							
14	336	1.340	0.716	-3.747	358.900	1							
14	338	1.541	0.756	-4.708	0.500	1							
14	340	1.660	0.739	-5.529	0.000	2							
14	341	1.754	0.765	-5.931	359.900	2							
14	342	1.820	0.765	-6.329	359.700	2							
14	343	1.872	0.751	-6.726	359.800	3							
14	344	1.949	0.753	-7.135	359.300	3							
							13	8	6.047	0.864	31.100	188.400	4
							13	9	7.290	0.875	38.487	184.200	4
							13	10	5.790	0.742	-30.288	14.400	4
							13	13	0.032	0.032	0.000	180.000	0
							13	183	0.947	0.542	-2.433	352.500	4
							13	181	4.986	0.948	24.232	187.100	3
							13	283	4.841	0.948	23.359	187.200	3
							13	284	4.802	0.965	23.022	187.100	3
							13	286	4.640	0.945	22.172	187.200	3
							13	287	4.569	0.939	21.781	187.300	3
							13	288	4.507	0.945	21.371	187.400	3
							13	290	4.287	0.858	20.573	187.900	3

SHOT 31, SHOTPOINT 13							SHOT 31, SHOTPOINT 13						
SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	WEIGHT
13	291	4.217	0.852	20.191	187.800	3	13	350	1.001	0.542	-2.755	355.600	4
13	292	4.221	0.922	19.794	187.400	2	13	351	1.103	0.582	-3.123	354.500	4
13	293	4.136	0.898	19.425	187.000	3	13	352	1.259	0.652	-3.644	353.700	4
13	294	4.105	0.933	19.032	186.700	2	13	353	1.365	0.698	-3.998	351.400	4
13	296	3.979	0.933	18.276	185.900	3	13	354	1.552	0.809	-4.462	351.900	1
13	297	3.879	0.896	17.901	185.500	3	13	355	1.627	0.811	-4.894	354.000	1
13	299	3.839	0.982	17.137	184.500	3	13	356	1.677	0.794	-5.295	354.900	1
13	300	3.743	0.953	16.740	184.100	3	13	357	1.797	0.838	-5.758	354.400	1
13	301	3.703	0.974	16.375	183.500	3	13	358	1.884	0.838	-6.280	351.800	1
13	302	3.641	0.974	16.002	183.000	4	13	360	1.977	0.817	-6.958	355.000	1
13	303	3.579	0.974	15.631	182.400	4	13	361	2.069	0.855	-7.287	356.900	1
13	306	3.359	0.939	14.522	182.200	4	13	362	2.129	0.855	-7.643	358.600	1
13	307	3.236	0.887	14.093	182.100	4	13	363	2.182	0.846	-8.016	0.300	2
13	308	3.112	0.826	13.718	182.000	4	13	364	2.275	0.864	-8.468	1.600	2
13	309	3.017	0.800	13.302	181.800	4	13	365	2.285	0.846	-8.631	0.500	2
13	310	2.925	0.774	12.910	181.700	4	13	366	2.314	0.811	-9.016	0.600	2
13	311	3.164	0.843	13.926	182.000	4	13	367	2.338	0.768	-9.423	0.200	2
13	312	2.867	0.791	12.455	183.900	3	13	368	2.376	0.742	-9.804	0.200	2
13	313	2.780	0.768	12.073	183.200	3	13	369	2.485	0.777	-10.250	359.500	2
13	314	2.684	0.736	11.685	182.600	3	13	370	2.504	0.733	-10.623	0.200	3
13	316	2.552	0.730	10.931	181.100	3	13	371	2.562	0.733	-10.972	1.500	3
13	317	2.511	0.736	10.650	180.500	3	13	372	2.617	0.733	-11.303	1.600	2
13	318	2.487	0.774	10.278	179.600	3	13	373	2.710	0.785	-11.549	3.200	2
13	319	2.477	0.826	9.908	178.700	2	13	374	2.766	0.794	-11.834	3.400	2
13	320	2.464	0.869	9.569	177.800	2	13	375	2.853	0.788	-12.386	4.900	2
13	321	2.399	0.869	9.178	176.700	2	13	376	2.919	0.785	-12.801	5.300	3
13	322	2.326	0.855	8.824	175.500	2	13	377	2.947	0.765	-13.094	5.600	4
13	323	2.222	0.855	8.205	178.700	2	13	378	3.025	0.765	-13.560	6.000	3
13	324	2.110	0.809	7.809	178.300	2	13	379	3.111	0.782	-13.971	6.200	3
13	325	2.044	0.809	7.415	178.000	1	13	380	3.120	0.730	-14.338	6.000	3
13	326	1.970	0.809	6.969	177.600	1	13	381	3.227	0.730	-14.982	5.900	3
13	327	1.922	0.803	6.713	177.700	1	13	383	3.343	0.751	-15.554	5.400	3
13	328	1.847	0.800	6.280	177.300	1	13	384	3.403	0.696	-16.244	5.100	3
13	329	1.783	0.803	5.883	176.900	1	13	385	3.477	0.710	-16.600	4.900	3
13	330	1.690	0.777	5.483	176.400	1	13	386	3.5				
13	331	1.624	0.777	5.083	175.900	1							
13	332	1.558	0.777	4.686	175.200	1							
13	333	1.489	0.785	4.221	175.000	1							
13	334	1.446	0.797	3.893	176.500	1							
13	335	1.287	0.693	3.567	177.200	1							
13	336	1.176	0.646	3.180	176.800	3							
13	338	0.888	0.516	2.232	172.600	1							
13	340	0.653	0.417	1.415	169.800	1							
13	341	0.529	0.359	1.018	166.700	0							
13	342	0.372	0.267	0.631	160.000	1							
13	343	0.232	0.182	0.296	131.400	1							
13	344	0.146	0.101	-0.270	37.800	1							
13	345	0.287	0.182	-0.630	11.300	1							
13	346	0.440	0.269	-1.023	3.900	2							
13	347	0.559	0.322	-1.423	1.400	1							
13	348	0.634	0.391	-1.820	359.700	2							
13	349	0.824	0.455	-2.216	358.800	3							