

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATA REPORT FOR THE 1984 MAINE
ALONG-STRIKE SEISMIC-REFRACTION PROFILES



Open-File Report 87-133

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.G.S.

Mentlo Park, California

1987

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J. M. Murphy¹ and J. H. Luetgert¹

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1. USGS Menlo Park, California

1987

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INTRODUCTION

In September of 1984, the U.S. Geological Survey and the Canadian Department of Energy, Mines, and Resources conducted a seismic-refraction experiment in Quebec and Maine. This experiment--part of a large interdisciplinary effort to understand the structure and tectonic evolution of the northern Appalachian orogen--was designed to sample several different tectono-stratigraphic terranes which have been identified in the northern Appalachians. A 300-km-long profile crossed the land exposure of the Appalachian orogen perpendicular to strike and parallel to seismic reflection profiles also recorded in Maine and Quebec. Four shorter profiles sampled individual terranes along strike. The strike lines were designed to constrain the velocity structure in the Chain Lakes, Gander, and Avalon terranes (as defined by Williams and Hatcher, 1983) in order to permit a 3-dimensional interpretation. With velocities constrained, the character and geometry of the terranes and their boundaries may be studied using both the refraction and reflection data.

The data from the 300 km-long profile (deployments 1, 2, and 3) have been presented by Murphy and Luetgert (1986). This report is a compilation of the U.S. Geological Survey refraction data obtained within Maine from the four profiles along strike (deployments 4, 5, 6, 7, and 8). Also included are data from five shots (presented here as fan shots), fired broadside into four separate deployments. The data have been archived at the National Geophysical Data Center in Boulder, Colorado. Tapes are available from

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
325 Broadway
Boulder, CO, 80303

Appendix D contains a description of the tape format. Interpretations of these data will be published separately.

Background

Along the boundary of the eastern North American Continent, multiple episodes of plate interaction have resulted in the juxtaposition of discrete tectono-stratigraphic terranes having differing geologic histories prior to their emplacement. Our current understanding of the tectonic evolution of the northern Appalachian mountains begins with the recognition of their origin as a Paleozoic convergent plate boundary along the eastern margin of the North American craton (Bird and Dewey, 1970). The closing of the Iapetus Ocean and subsequent opening of the

Atlantic ocean provides a conceptual framework within which models of tectonic evolution may be constructed. Generally, there is agreement that the Precambrian-to-Cambrian oceanic plate east of the North American craton (Iapetus) was subducted toward the southeast. There is disagreement, however, about specific models. Hall and Robinson (1982) argue that the final stage of subduction was a continent-continent collision. Others (Rast and Skehan, 1983; Hatch, 1982), propose that micro-continents were accreted between the North American and the Avalonian cratons. Still others (Lyons *et al.*, 1982; Boudette, 1982) propose that the closing of the Iapetus ocean involved the collision of several microplates with the North American continent.

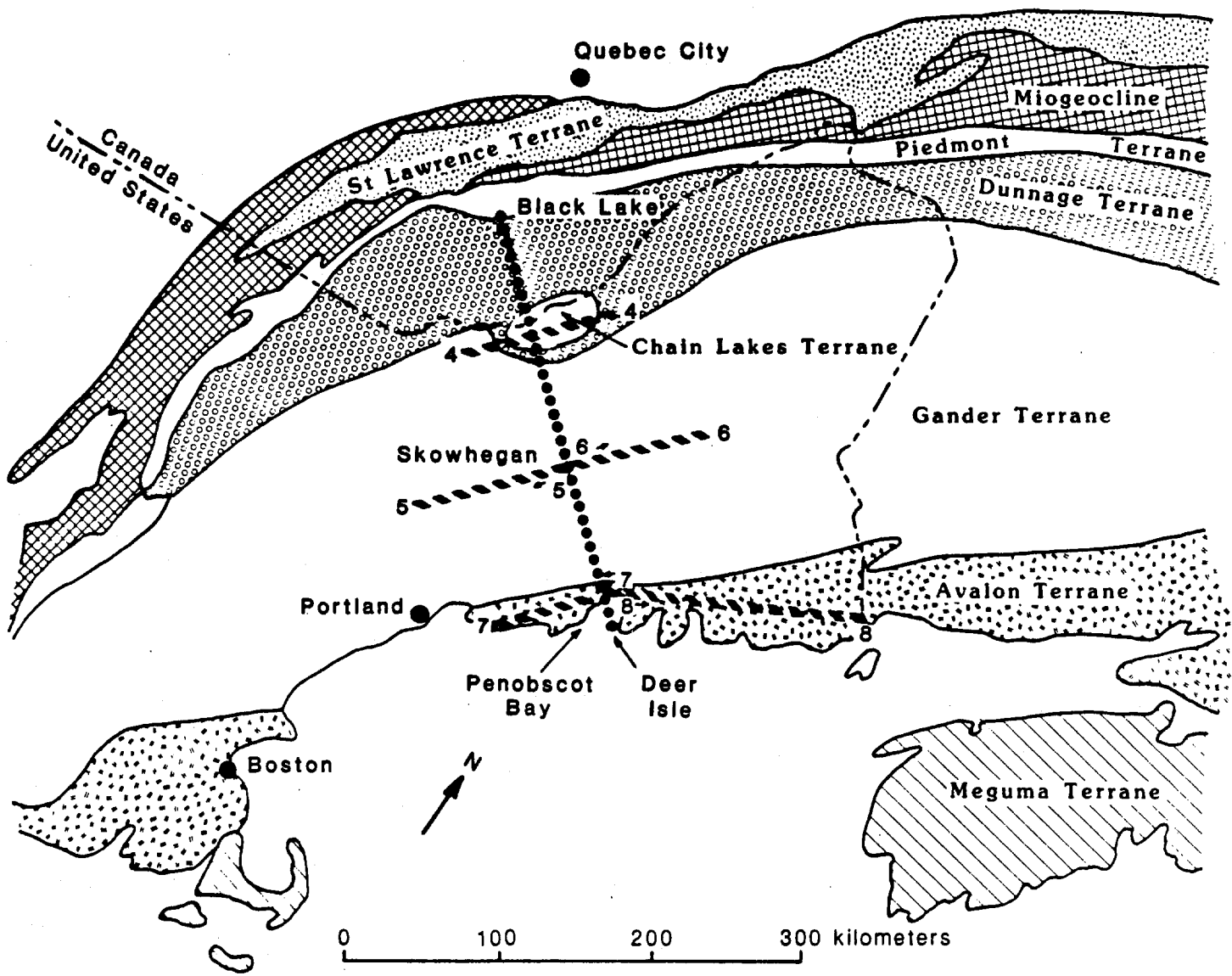
Geology

The four profiles presented here lie along strike within four distinct terranes as defined by Williams and Hatcher (1983): the Dunnage, Chain Lakes, Gander, and Avalon terranes (figure 1). While profiles 5 and 6 lie entirely within the Gander terrane and deployments 7 and 8 lie entirely within the Avalon terrane, profile 4 extends northeast from the border zone between the Dunnage and Gander terranes across the Chain Lakes massif and back into the Dunnage-Gander border zone. The border zone traversed by the southern portion of profile 4 is represented by the Boil Mountain-Jim Pond ophiolite-mafic volcanic complex (Zen, 1983; Boudette 1982). In contrast the northern portion of the border zone sampled here consists of a granite and granodiorite pluton. The Chain Lakes massif, a Precambrian metamorphic block (Naylor *et al.*, 1973), is divided into two units (Boudette and Boone, 1976). The upper unit composed of gneissic granofels and metavolcanic and metasedimentary rocks, overlies a more homogeneous unit of granofelsic gneiss.

To the southeast of the Dunnage and Chain Lakes terranes lies the Gander terrane consisting of metamorphosed early Paleozoic clastic rocks lying on a sialic gneissic substrate; shallow Devonian granitic intrusions are common. In the area of this study, Silurian and Devonian shallow marine deposits exposed in the Merrimack synclinorium overlie the majority of the Gander terrane. Along the southeast border of the Gander terrane lies the Avalon terrane which is composed of late Precambrian and Cambrian volcanic and sedimentary rocks overlying a gneissic basement. Compared to the Gander terrane, these rocks show little deformation.

Geophysics

This seismic-refraction study is part of a broad-based geophysical investigation of the northern Appalachian orogen that includes seismic-reflection, gravity, and magnetic studies. Seismic reflection data have been collected in three studies along a 1000-km transect extending from the North American craton to the continental slope. The northwestern 150 km of the craton-to-ocean reflection profile was



- USGS Instrumentation
- Cross-Strike profile
Data not reported here
 - ▨▨▨▨▨ Strike Profiles
Data reported here
- Each deployment lies between two numbers marking the profile.
- 4 Rangely to Jackman Station
 - 5 Norway to Skowhegan
 - 6 Skowhegan to Millinocket
 - 7 South Bristol to Bucksport
 - 8 Bucksport to Lubec

Figure 1. Terrane map of study area

obtained by the Ministère de l'Énergie et des Ressources, Québec (MERQ). Reflection sampling continued southeastward with the Québec-Western Maine profiles collected by the U.S. Geological Survey (USGS). These profiles, parallel to the seismic-refraction profiles reported by Murphy and Luetgert (1986), extend approximately 330 km from Lac Mégantic, Québec, to the Maine coast at Penobscot Bay (Stewart *et al.*, 1985). In 1985, marine reflection and refraction data were collected in the Gulf of Maine, connecting the Québec-Western Maine profiles with USGS Marine Line 19 at the continent-ocean margin, completing the craton-to-slope transect.

The MERQ profile has been interpreted by St-Julien *et al.* (1983) and Ando *et al.* (1983) to indicate extensive northwestward overthrusting. Green *et al.* (1985) conclude that the Grenville basement extends beneath a southeastward-dipping detachment surface at least to the Chain Lakes massif in northwestern Maine; the boundary of the North American Craton would thus be further east than was previously assumed in the northern Appalachian mountains.

Complementary studies of gravity and magnetics have been completed in the area of this study and Bouguer gravity anomaly and magnetic anomaly maps have been compiled along the land portion of the transect (Stewart *et al.*, 1985).

DESCRIPTION OF THE 1984 SURVEY

Four profiles, consisting of five separate deployments, traversed each terrane in roughly north easterly transects (figure 2). Deployment 4, designed to study the Chain Lakes Massif, extended from Rangely across the massif to Jackman Station. Four shots fired at shot points 8, 9, 10, and 11 were recorded along this profile. Along the strike of the Merrimack synclinorium, deployments 5 and 6 were laid out in a continuous end-to-end pattern. In-line shots fired at five locations (shot points 12, 13, 14, 4, and 17) were recorded between Norway and Skowhegan (Deployment 5) and another five in-line shots fired at shot points 12, 4, 15, 16, and 17 were recorded between Skowhegan and Millinocket (Deployment 6). Furthermore, fan shots fired at shot point 1 were recorded by both deployments.

Deployment 7, situated in the Avalon terrane, extended from South Bristol to Bucksport. Four in-line shots fired at shot points 18, 19, 20, and 21 were recorded along this profile. Two fan shots fired at shot points 1 and 3B were also recorded. An additional deployment in the Avalon terrane, deployment 8, was laid out in an easterly direction. Six in-line shots fired at shot points 6, 22, 23, 24, 25, and 26 were recorded between Bucksport and Lubec. During this deployment, a fan shot fired at shot point 17 was recorded.

Station spacing varies for each deployment. The closest station spacing, along profile 4, is approximately 500 meters and the widest

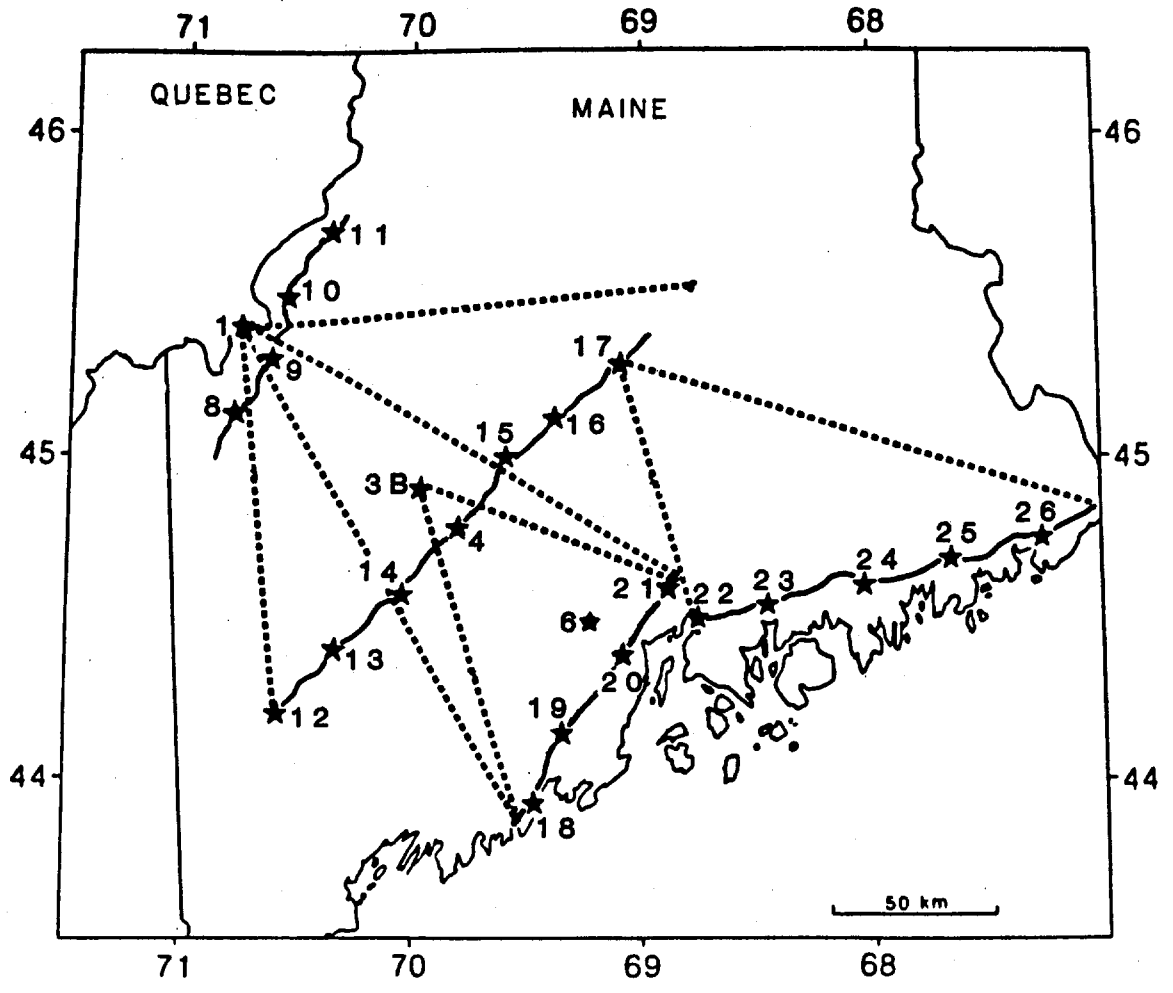


Figure 2. Deployment map of study area. Numbers refer to shot point locations.

spacing, along deployment 8, is approximately 1000 meters. Deployments 5, 6, and 7 have an approximate station spacing of 800 meters. Locations and elevations for instruments and shot points were determined using USGS 1:24,000 and 1:62,500 topographic maps and USGS 1:24,000 orthophoto maps. All the locations (Appendix A; plates 1, 2, 3, and 4) are estimated to be accurate to within 50 ft.

Shot points were 20 cm X 40 m drill holes. They were filled with an ammonium nitrate explosive which was detonated by electric caps, detonating cord, and boosters. The cap signal and two time-code signals, WWVB and IRIG E, were recorded on paper strip-chart records, as described by Healy *et al.* (1982). The shots were fired automatically and the origin times were read from the cap break on the paper record. The reported shot times (table 1) are accurate to within ± 2 milliseconds, assuming that the explosives detonated at the exact time of the cap break.

INSTRUMENTATION AND DATA REDUCTION

Seismic Recorders

The instruments used in the seismic-refraction surveys have been described by Healy *et al.* (1982) (figure 3). Each instrument contains a 2-Hz vertical-component geophone. The signal from this geophone passes through three parallel amplifiers, each with an adjustable gain setting. The three seismic signals plus an internally generated time code (IRIG E) and a fixed reference frequency are recorded as a multiplexed signal on analog cassette tape. A programable memory board in each unit allows data to be recorded during ten predetermined time windows. Prior to recording the seismic data, the instrument records a geophone pulse, an amplification step, and 10-Hz sine-wave calibration signals at 1, 10, 100, 1000 mv. The displacement frequency response curve for the system peaks at about 20 Hz (figure 4).

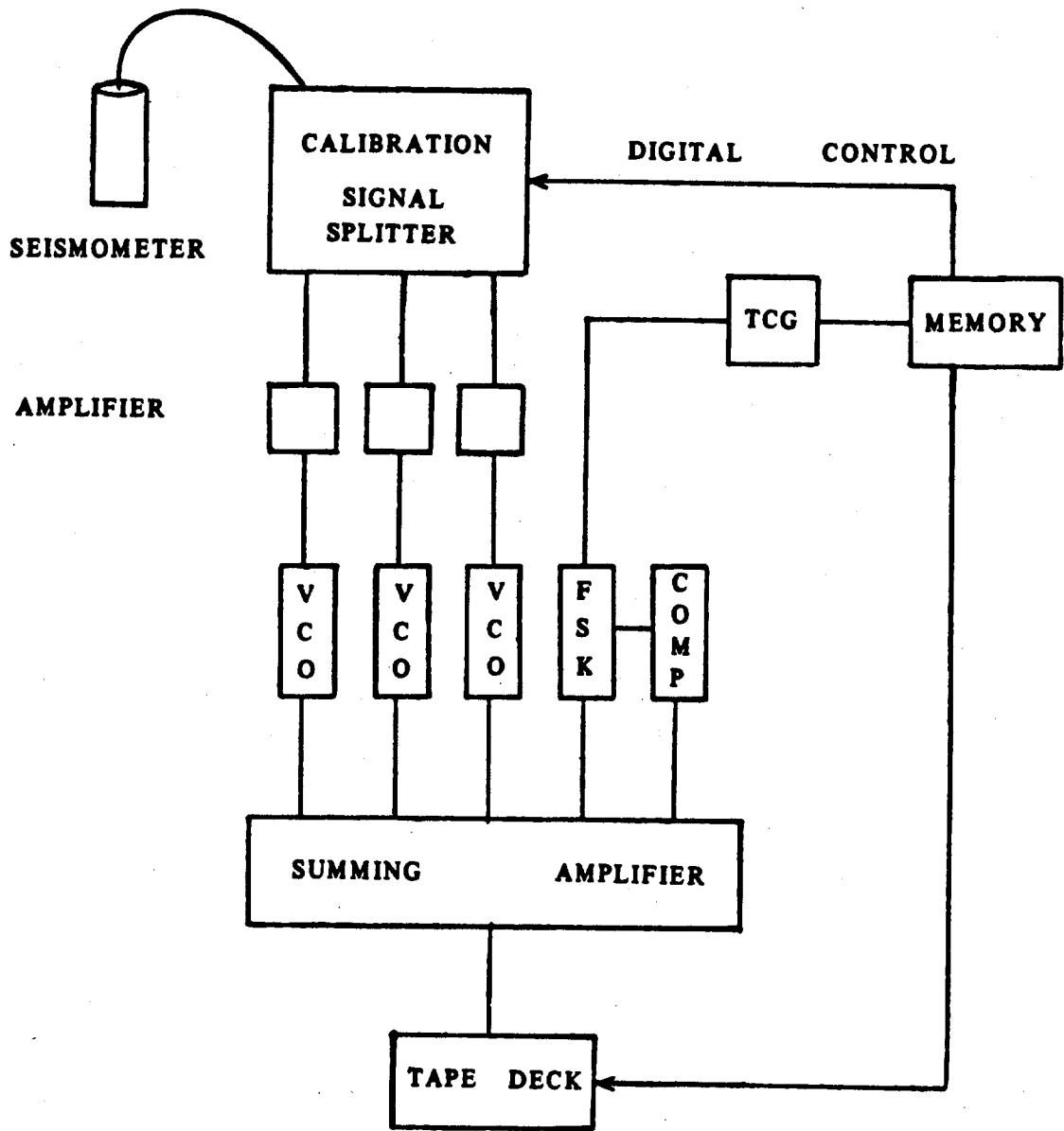
Prior to deployment, field technicians program the memory and synchronize the clock unit of each instrument with a USGS master reference clock (Healy *et al.*, 1982). After the shots have been recorded, the clock unit of each instrument is compared to the master reference clock and a clock drift time (in milliseconds) is recorded in the field notes. USGS master clocks, which drift approximately one millisecond per week, are periodically checked against the standard WWVB time signal.

Data reduction

Information pertaining to the operation of each instrument was entered on team data sheets (Appendix B). Chronometer corrections at shot time were calculated from each clock drift time assuming a linear drift rate. Attenuation settings of every instrument have been checked

Table 1: Master Shot List

DEPLOYMENT 4													
Shot Number	Shot Point	Date	Shot Time	Latitude	Longitude	Size (lbs)	Shot Number	Shot Point	Date	Shot Time	Latitude	Longitude	Size (lbs)
20	8	OCT 7, 1984	0.007	45 7.5517	70 47.1941	2000	7	18	OCT 22, 1984	0.185	43 55.0195	69 29.5143	2000
21	9	OCT 7, 1984	0.012	45 16.3605	70 38.1702	2000	8	20	OCT 22, 1984	0.008	44 21.8816	69 4.9567	2000
22	10	OCT 7, 1984	0.009	45 29.4914	70 33.2854	2000	9	33	OCT 22, 1984	0.012	44 53.5563	69 58.4431	2000
23	11	OCT 7, 1984	0.009	45 40.0390	70 21.1880	2000	10	1	OCT 22, 1984	0.007	45 23.5364	70 45.1277	2000
DEPLOYMENT 5													
24	12	OCT 15, 1984	0.009	44 11.3802	70 35.6090	2000	11	19	OCT 22, 1984	0.185	44 8.1052	69 21.2366	2000
25	14	OCT 15, 1984	0.009	44 33.8191	70 2.7109	2000	12	21	OCT 22, 1984	0.009	44 34.3867	68 53.5657	2000
26	1	OCT 15, 1984	0.014	45 23.5364	70 45.1277	2000	DEPLOYMENT 8						
27	17	OCT 15, 1984	0.007	45 16.9176	69 5.6277	4000	13	6	OCT 25, 1984	0.006	44 27.7061	69 13.9435	2000
28	13	OCT 15, 1984	0.008	44 23.2191	70 20.1869	2000	14	24	OCT 25, 1984	0.009	44 35.7424	68 1.9702	2000
29	34	OCT 15, 1984	0.008	44 45.8253	69 47.7814	2000	15	26	OCT 25, 1984	0.007	44 44.1353	67 15.6056	2000
DEPLOYMENT 6													
1	17	OCT 18, 1984	0.008	45 16.9176	69 5.6277	2000	16	17	OCT 25, 1984	0.011	45 16.9176	69 5.6277	2000
2	15	OCT 18, 1984	0.007	44 58.6015	69 35.5742	2000	17	22	OCT 25, 1984	0.006	44 29.3635	68 45.6839	1260
3	1	OCT 18, 1984	0.014	45 23.5364	70 45.1277	2000	18	23	OCT 25, 1984	0.009	44 31.8272	68 27.4617	2000
4	12	OCT 18, 1984	0.009	44 11.3802	70 35.6090	4000	19	25	OCT 25, 1984	0.000	44 40.5908	67 39.7311	2000
5	16	OCT 18, 1984	0.007	45 6.4188	69 22.9376	2000	DEPLOYMENT 7						
6	4	OCT 18, 1984	0.008	44 45.8034	69 47.7814	2000	20	18	OCT 22, 1984	0.185	43 55.0195	69 29.5143	2000
DEPLOYMENT 7													
DEPLOYMENT 8													
DEPLOYMENT 9													



COMP = COMPENSATION
 FSK = FREQUENCY SHIFT KEYING
 TCG = TIME CODE GENERATOR
 VCO = VOLTAGE-CONTROLLED OSCILLATOR

Figure 3. Schematic diagram of recording unit.

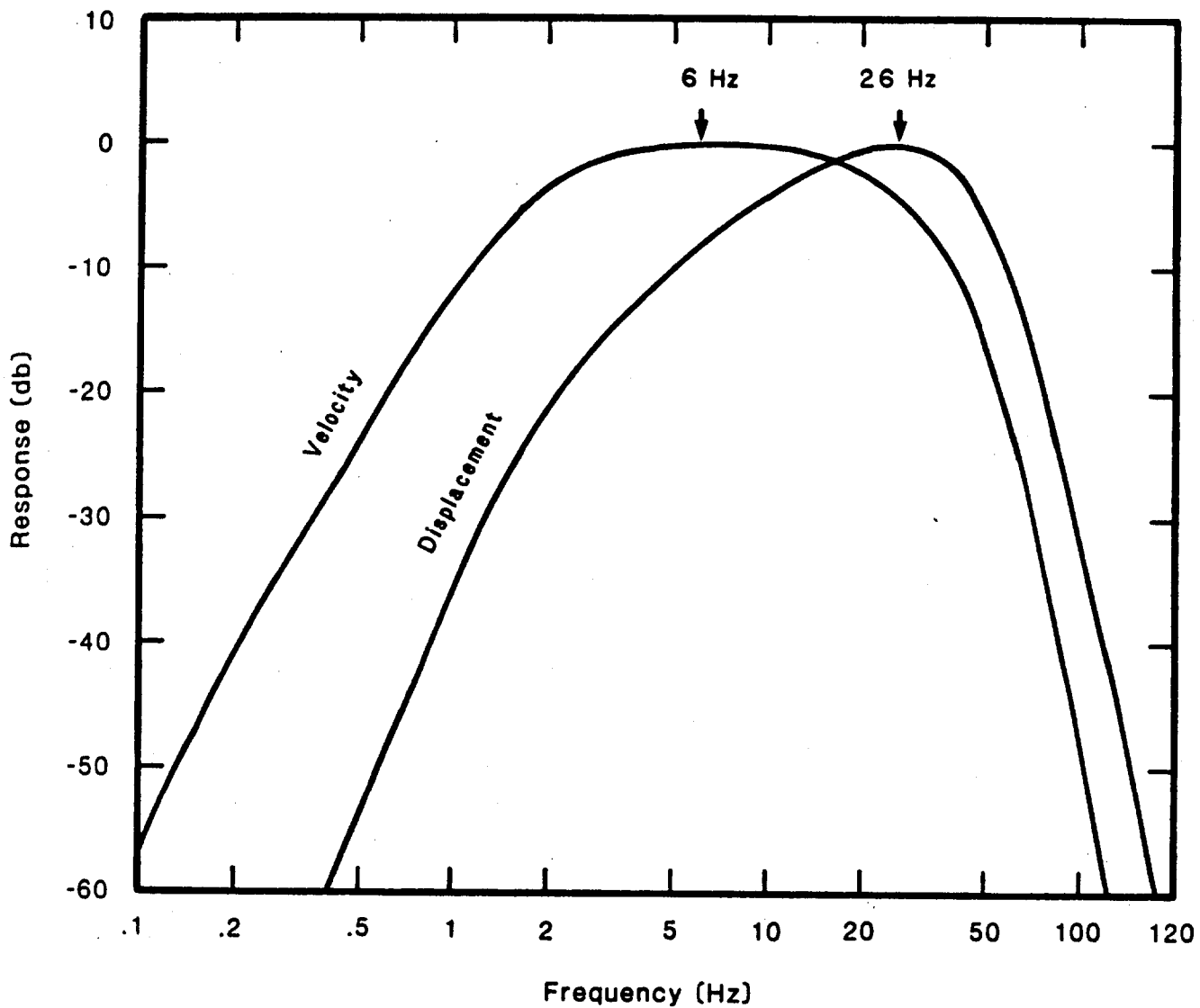


Figure 4. Theoretical transfer-function for the USGS short-period seismic refraction system (Stewart and O'Neill, 1980; Dawson and Stauber, 1986). The displacement response peaks at about 26 Hz, and the velocity response peaks at about 6 Hz. In velocity, the system has a nearly flat response from 2-20 Hz.

against the calibration signals. Where calibration signals indicated a different dB setting than listed on the field sheets, the correct settings were calculated and entered into the computer. After checking for errors in clock drift and site locations, the analog data were digitized for 20 seconds, starting $(X/8 - 1)$ or $(X/6 - 4)$ seconds prior to shot time, where X is the shot point to recorder distance in km. The sampling rate for digitizing was 200 samples per second.

First-arrival times relative to shot time were determined for each shot (Appendix C). The arrival times were picked from record sections plotted with a reduction velocity of 6.0 km per second, and absolute arrival times were subsequently calculated from the reduced times.

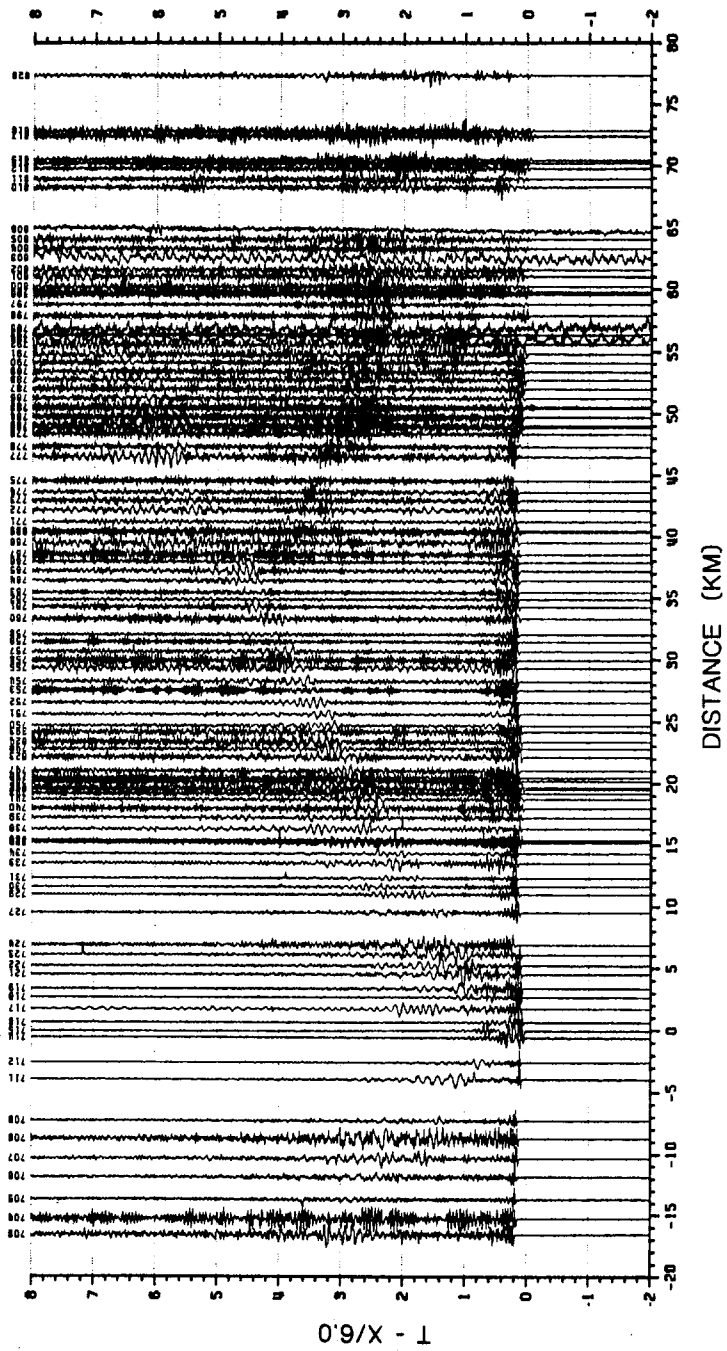


Figure 5. Profile 4, shot point 8.

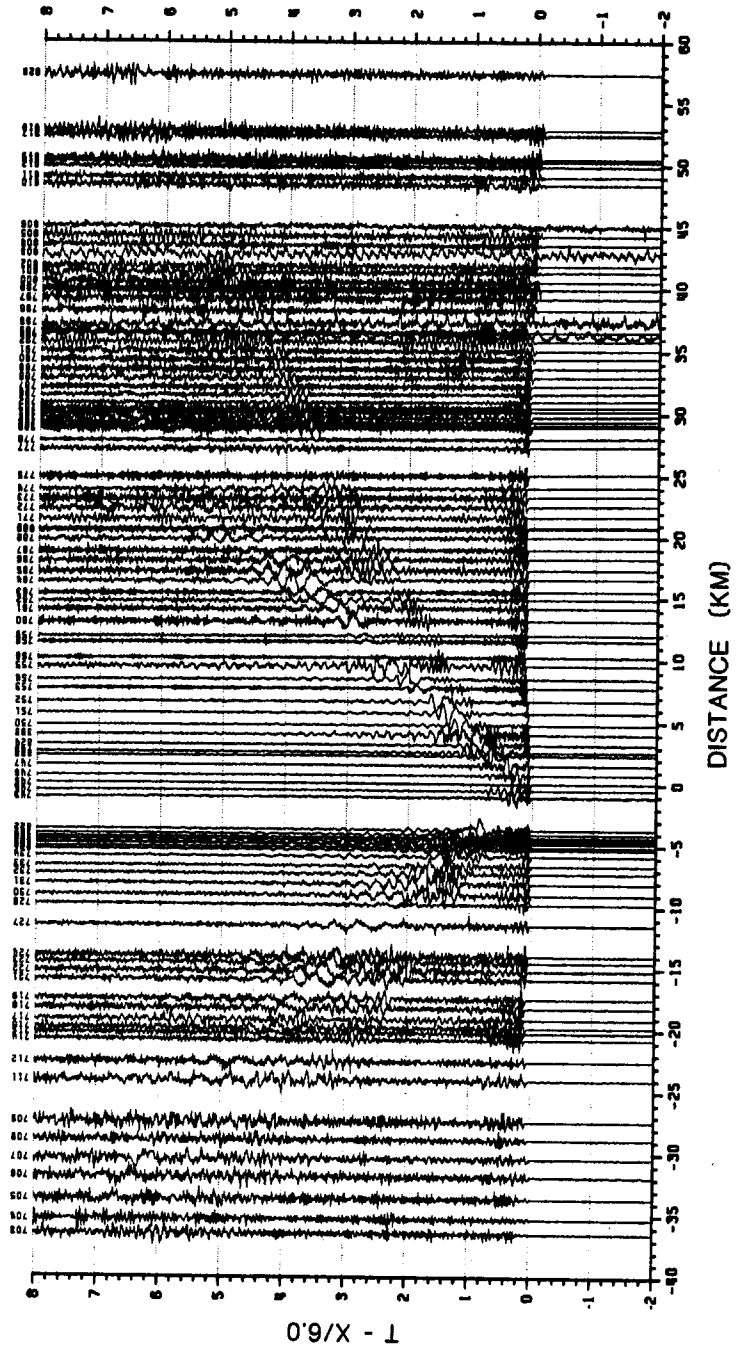


Figure 6. Profile 4, shot point 9.

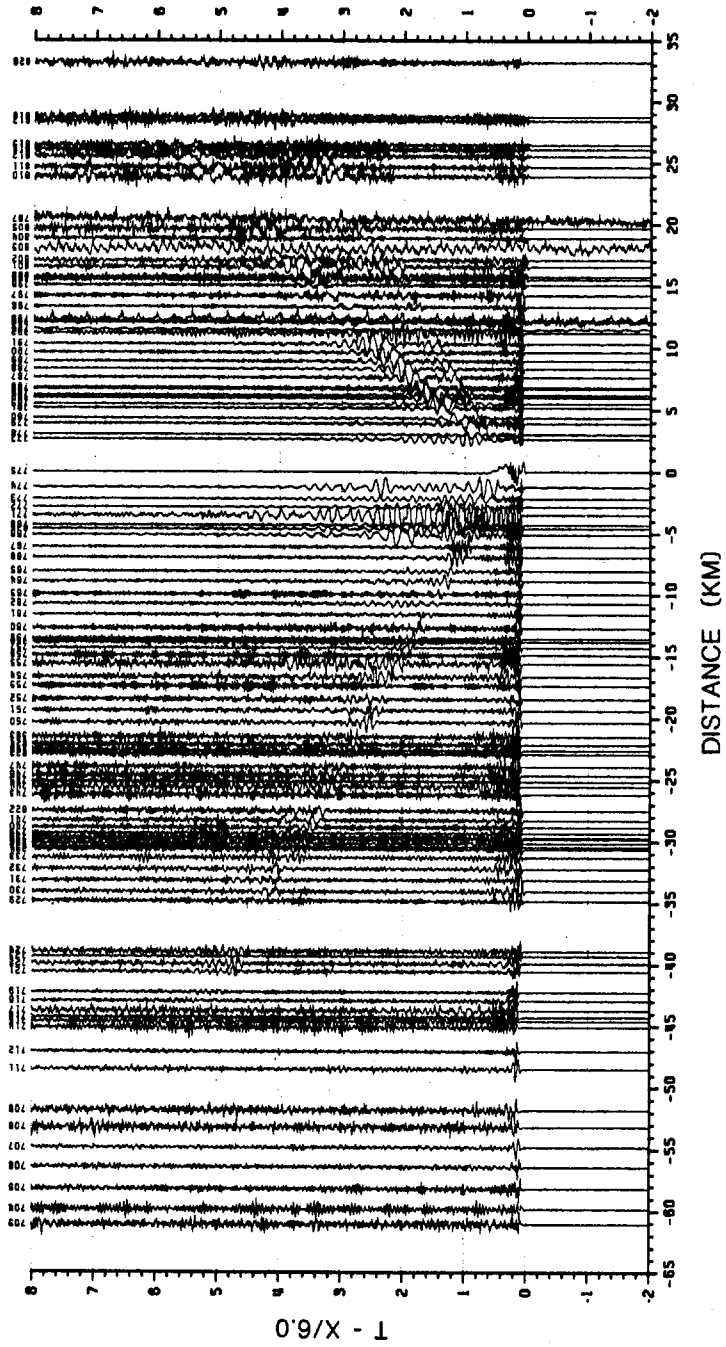


Figure 7. Profile 4, shot point 10.

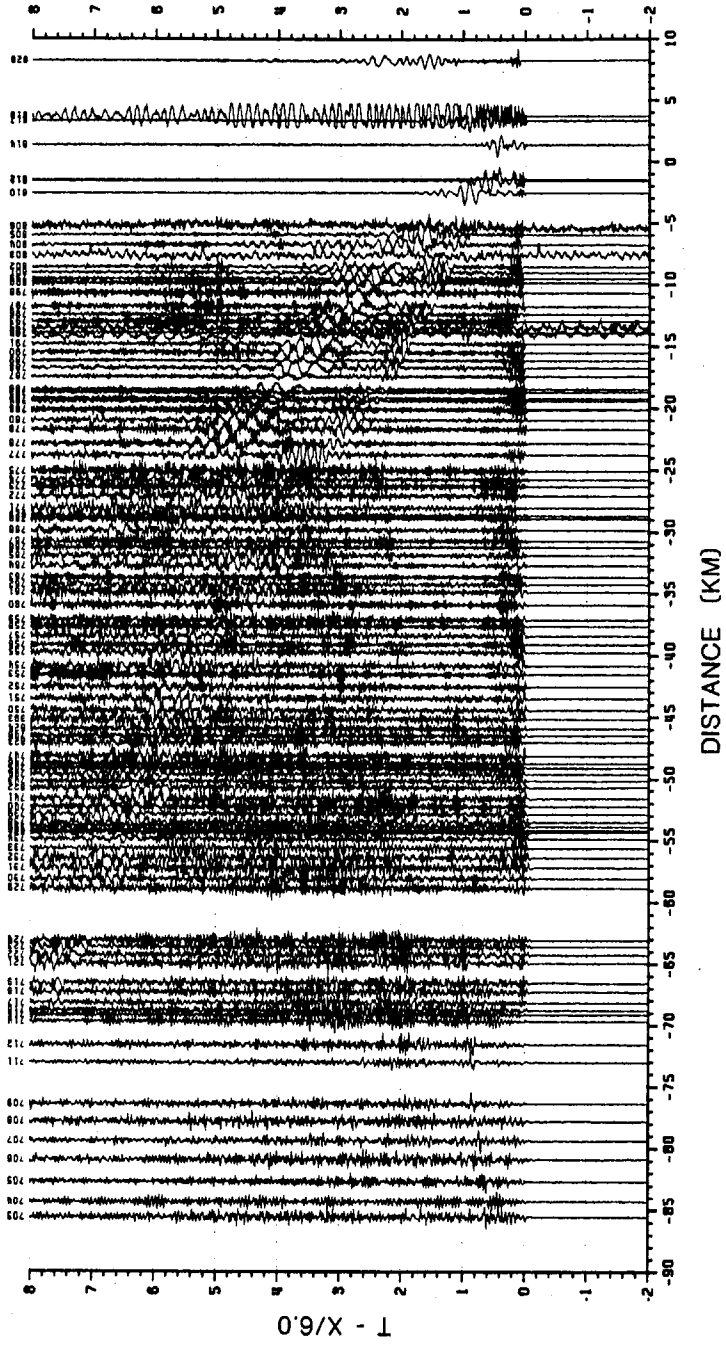


Figure 8. Profile 4, shot point 11.

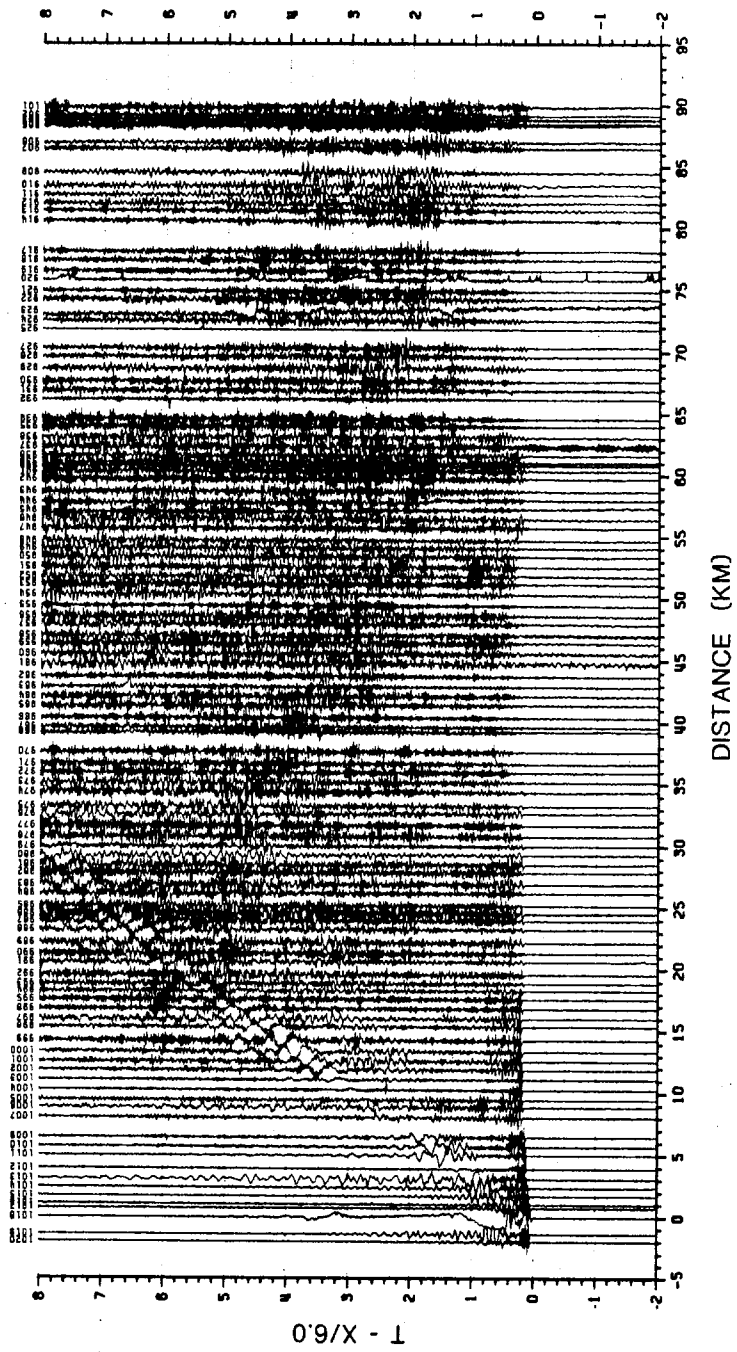


Figure 9. Profile 5, shot point 12.

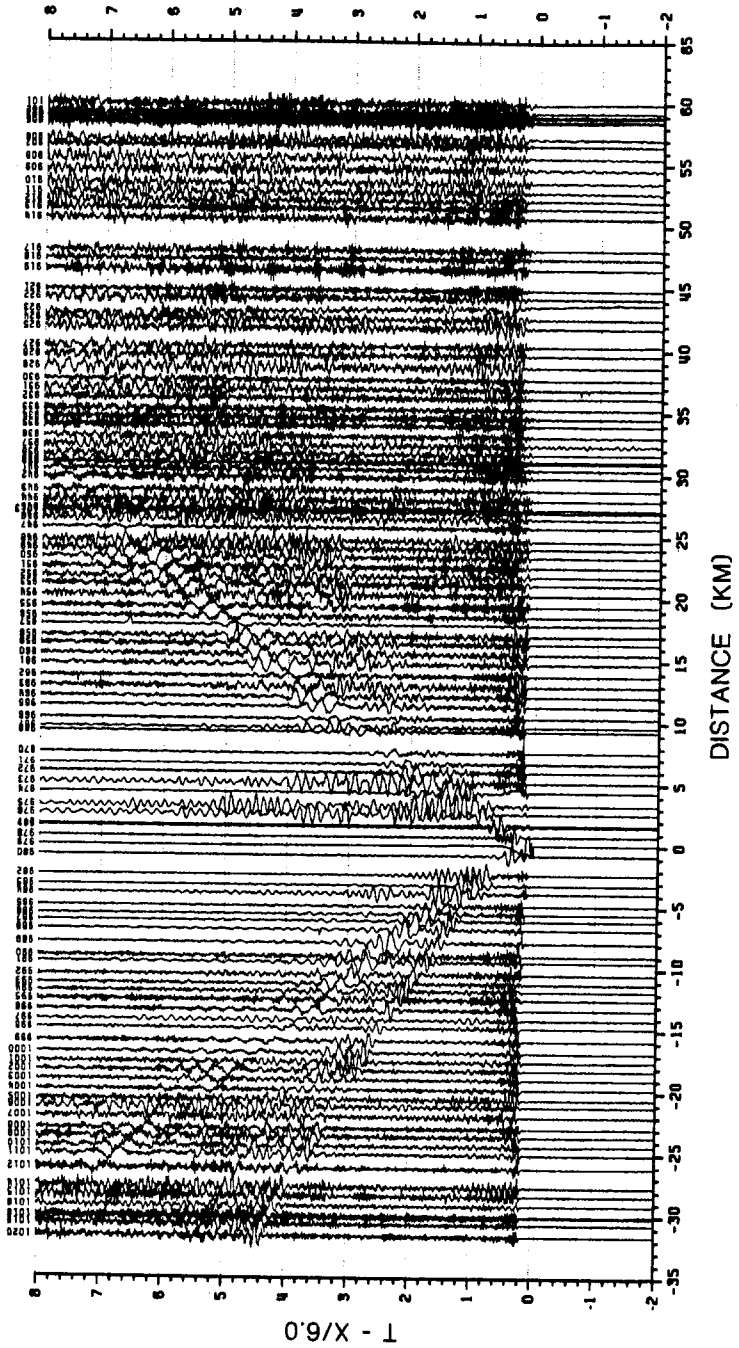


Figure 10. Profile 5, shot point 13.

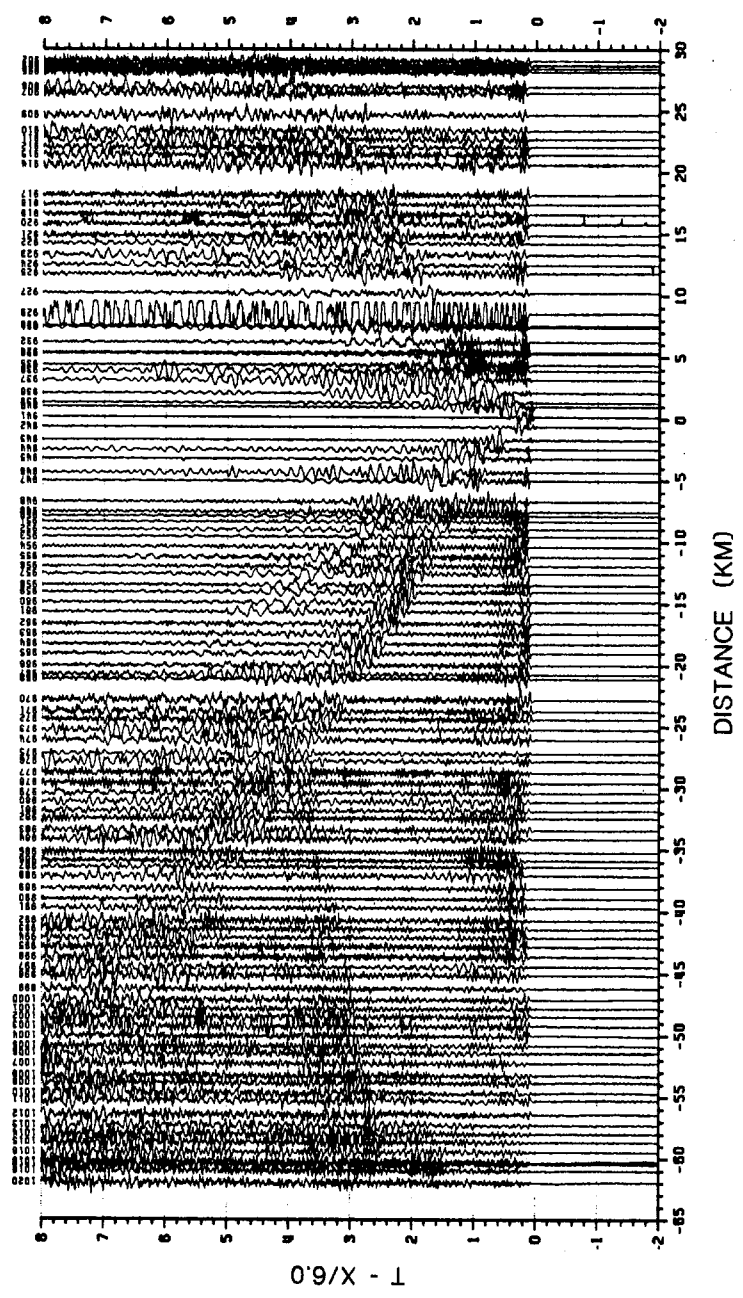


Figure 11. Profile 5, shot point 14.

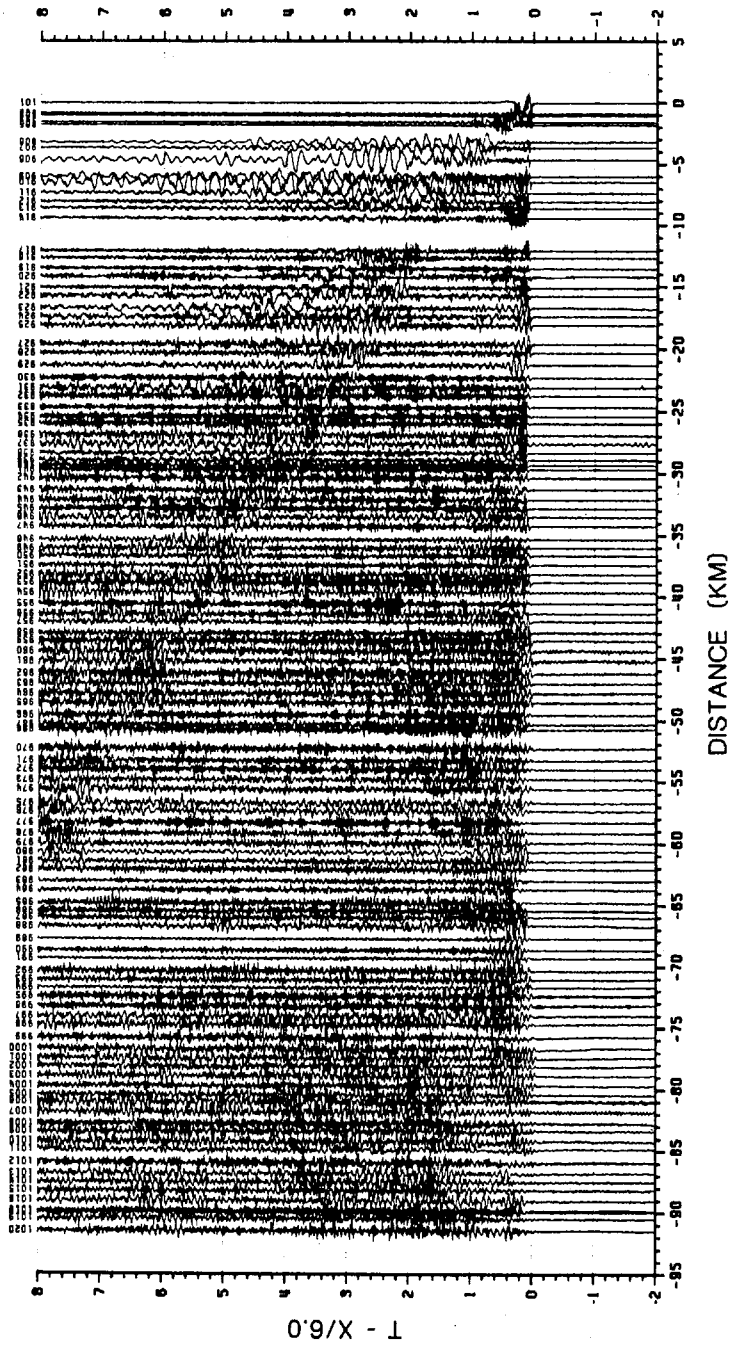


Figure 12. Profile 5, shot point 4

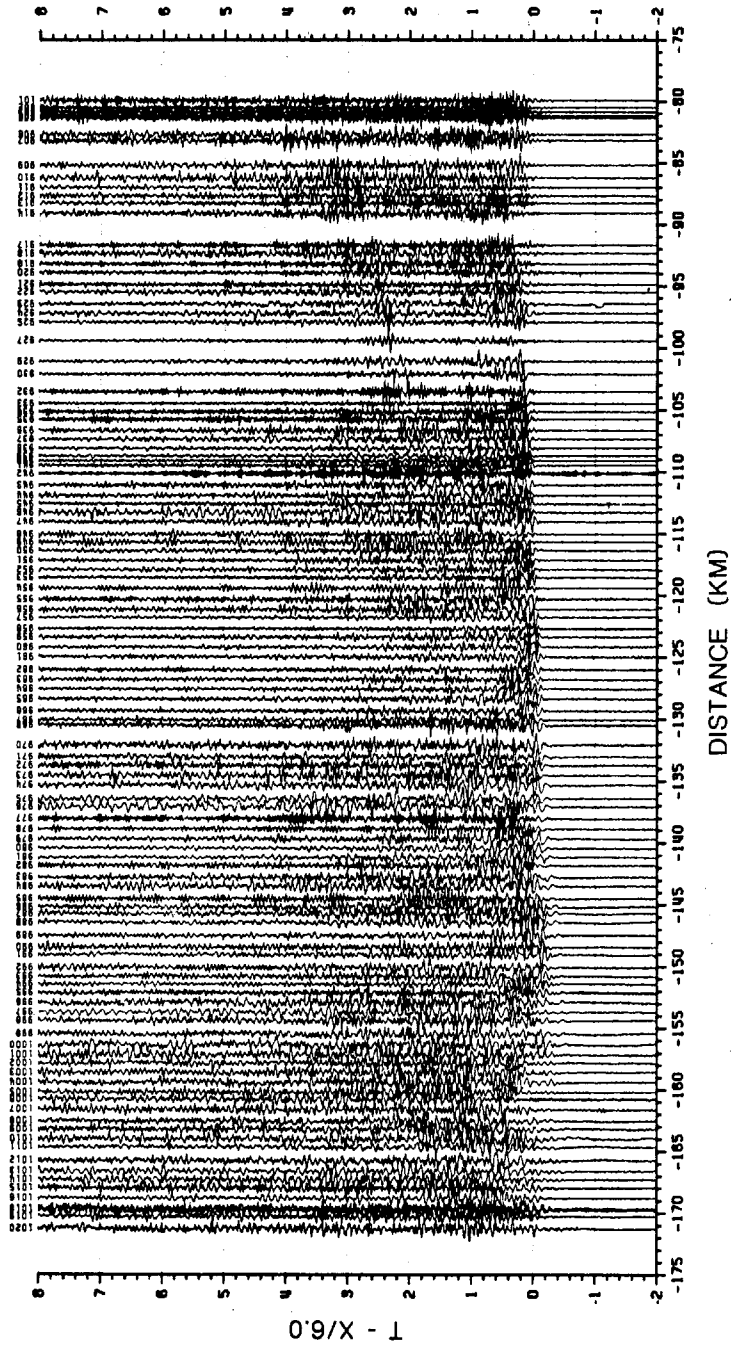


Figure 13. Profile 5, shot point 17

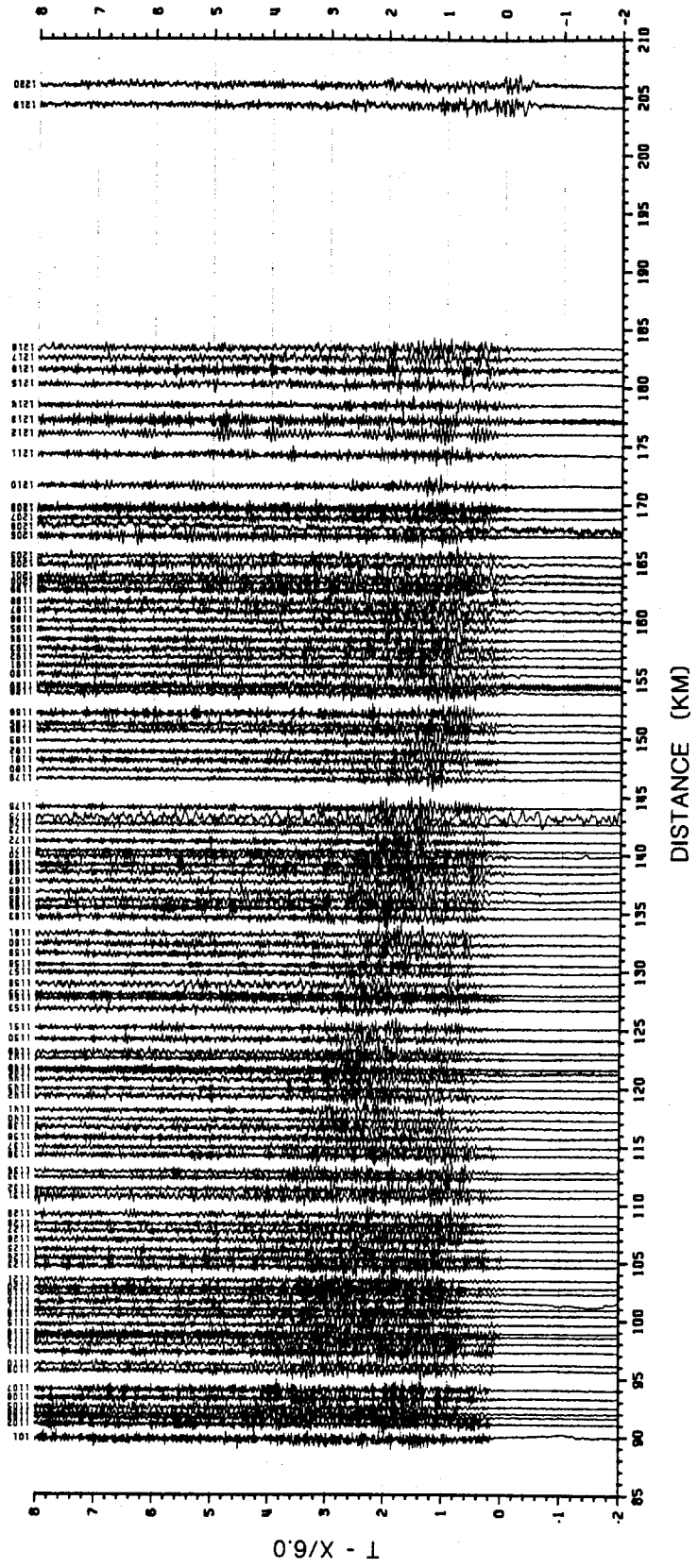


Figure 14. Profile 6, shot point 12

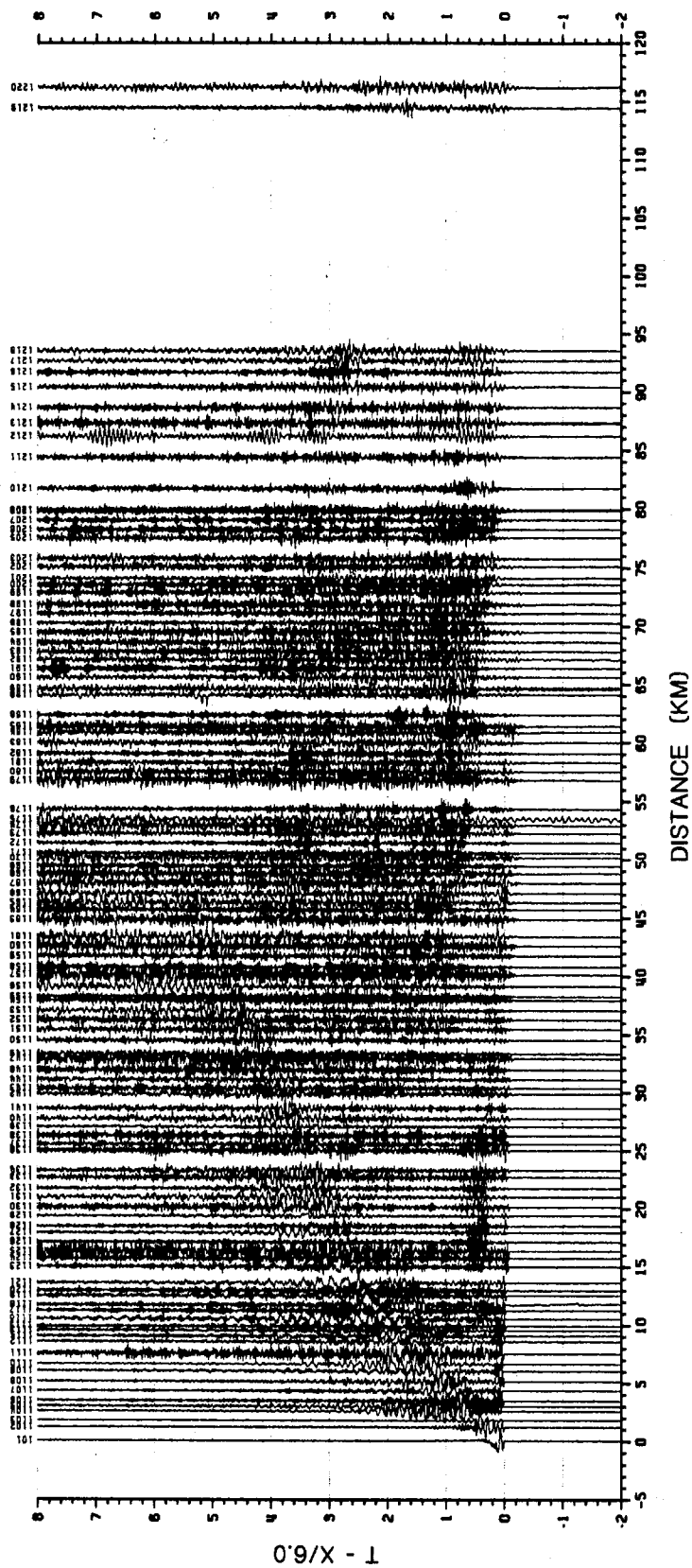


Figure 15. Profile 6, shot point 4

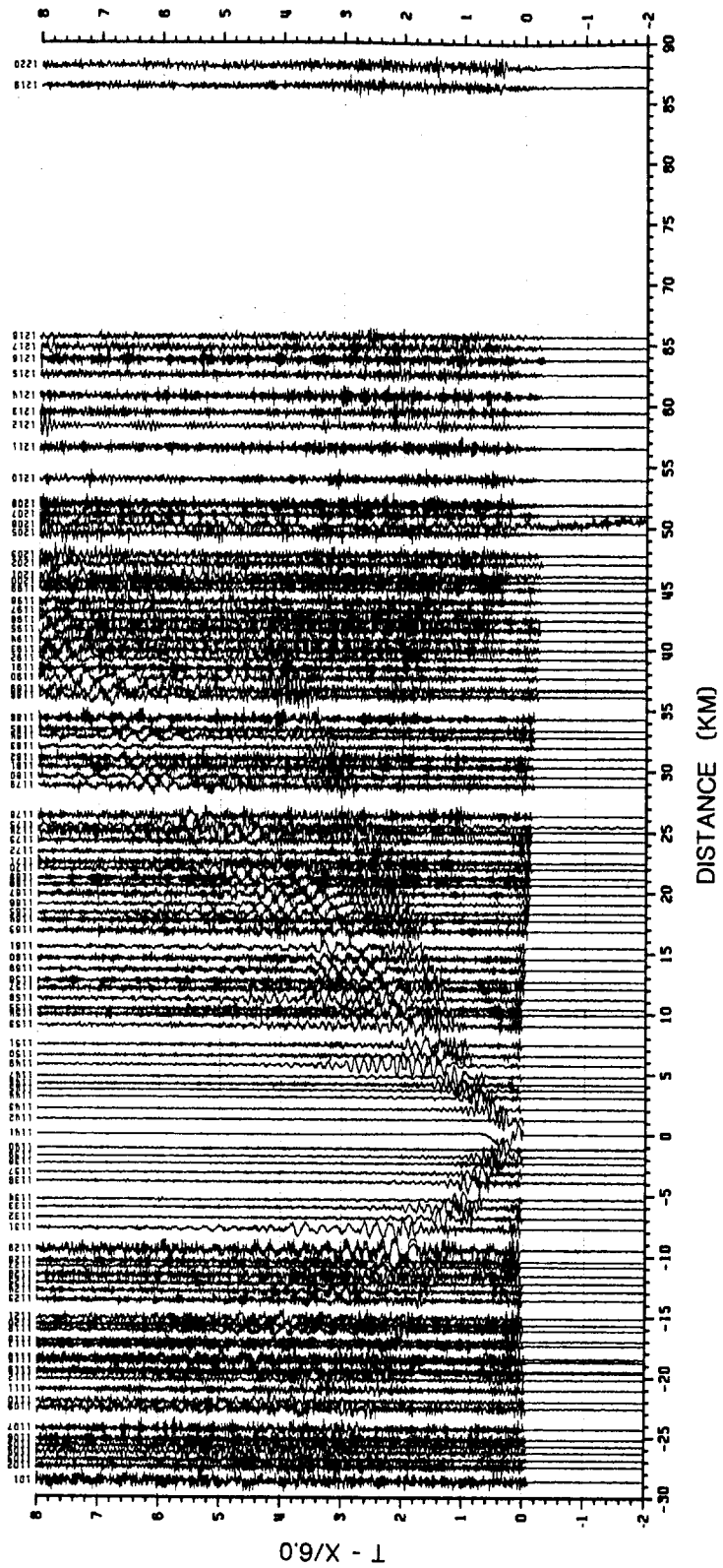


Figure 16. Profile 6, shot point 15

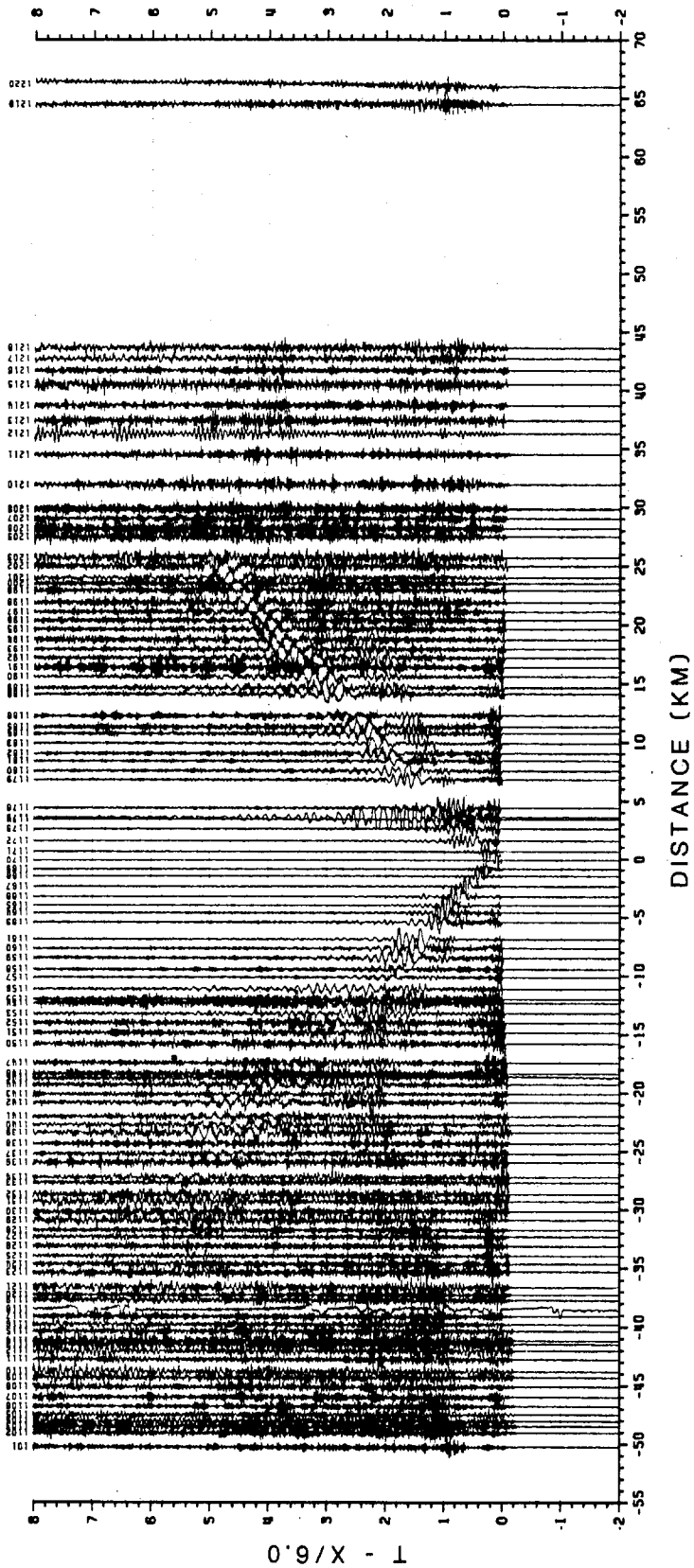


Figure 17. Profile 6, shot point 16

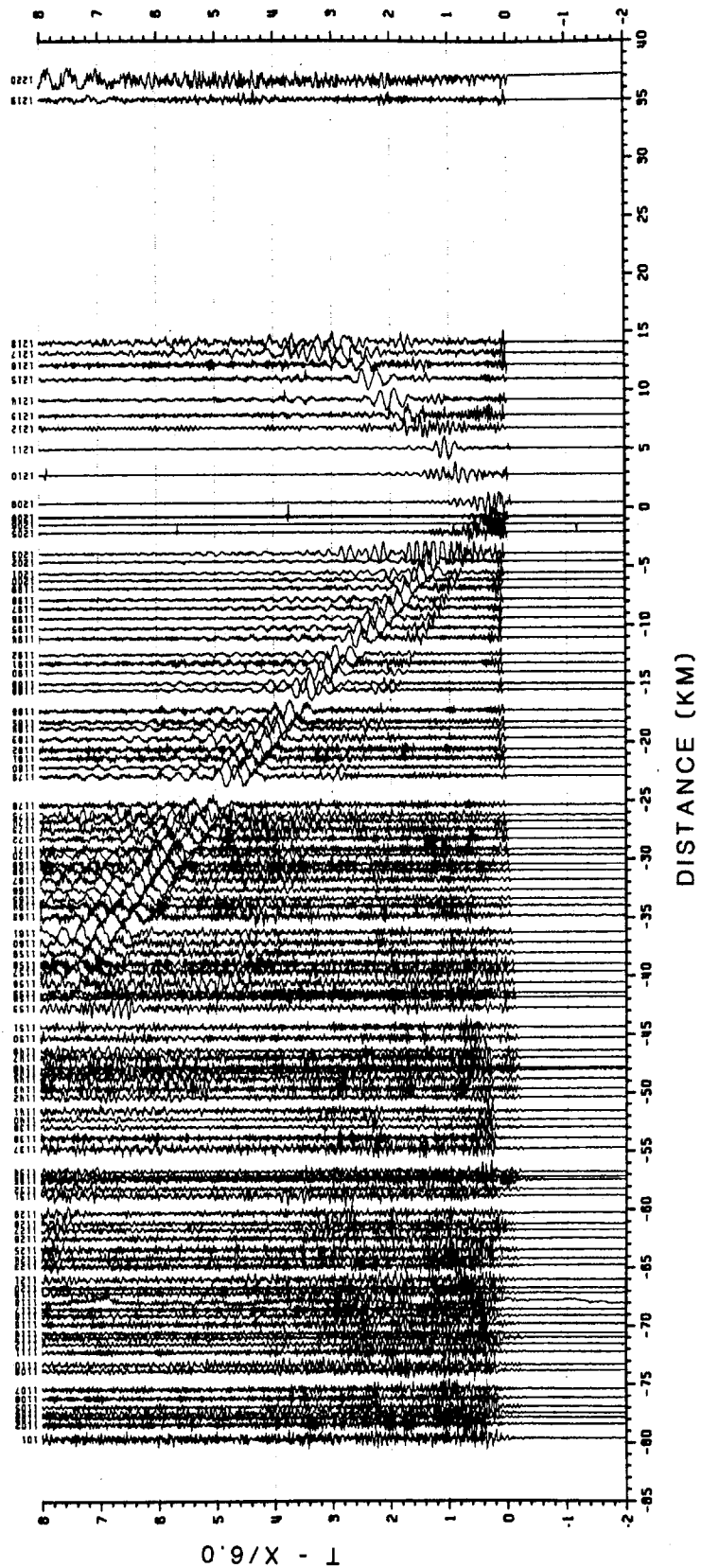


Figure 18. Profile 6, shot point 17

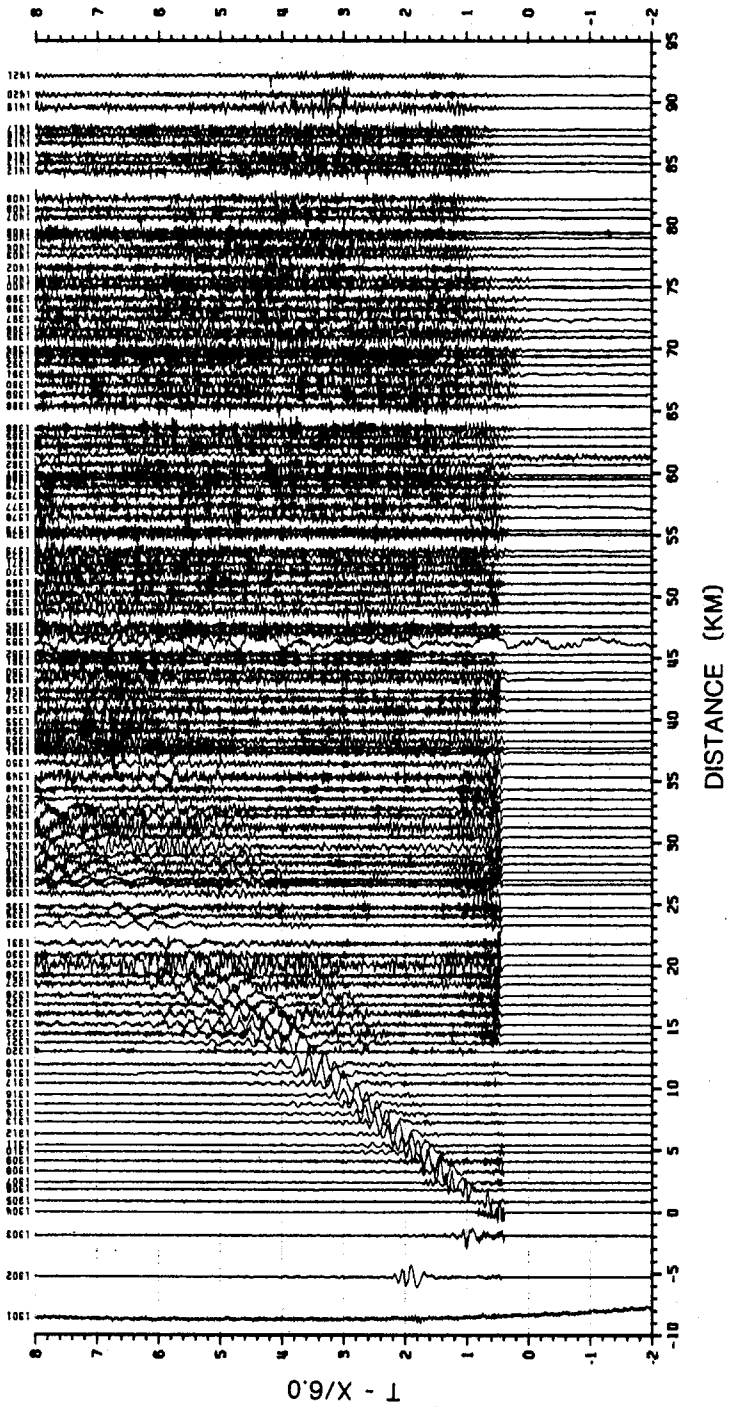


Figure 19. Profile 7, shot point 18

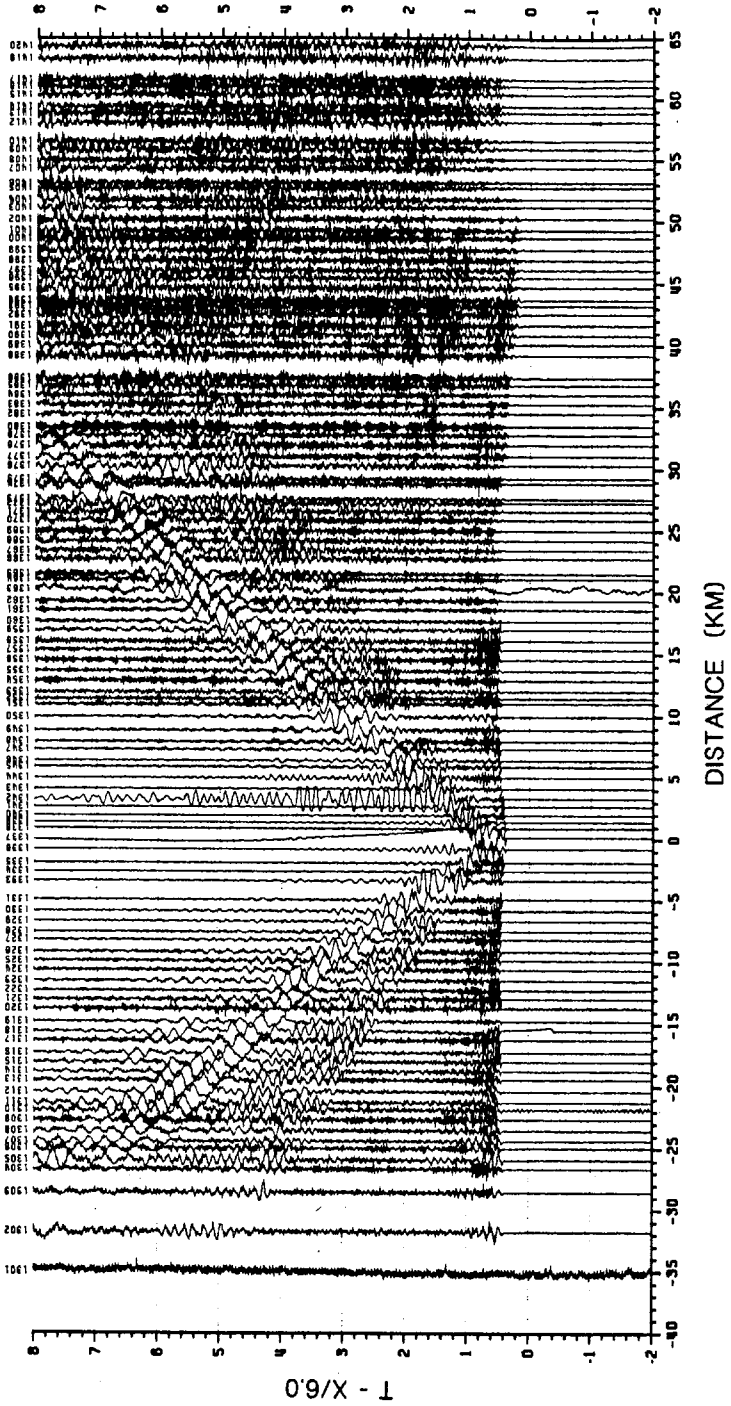


Figure 20. Profile 7, shot point 19

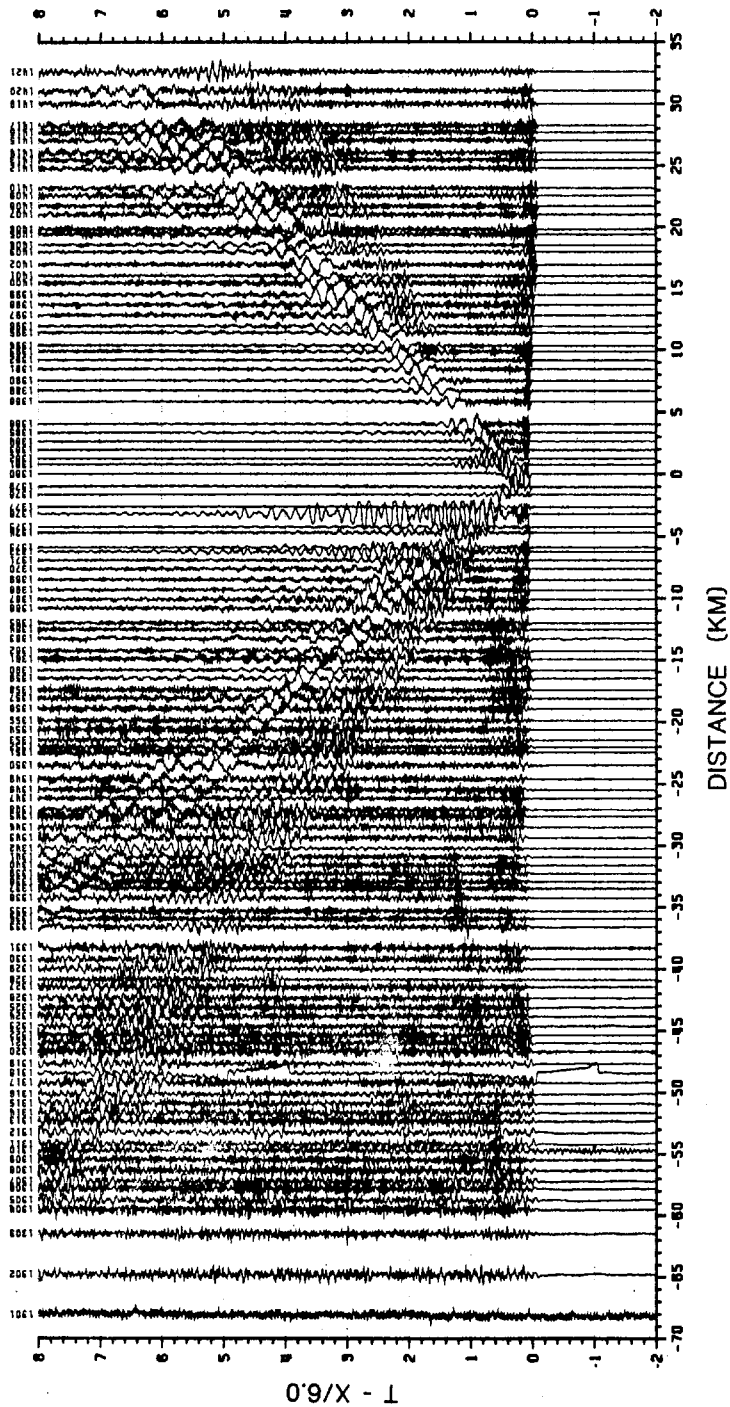


Figure 21. Profile 7, shot point 20

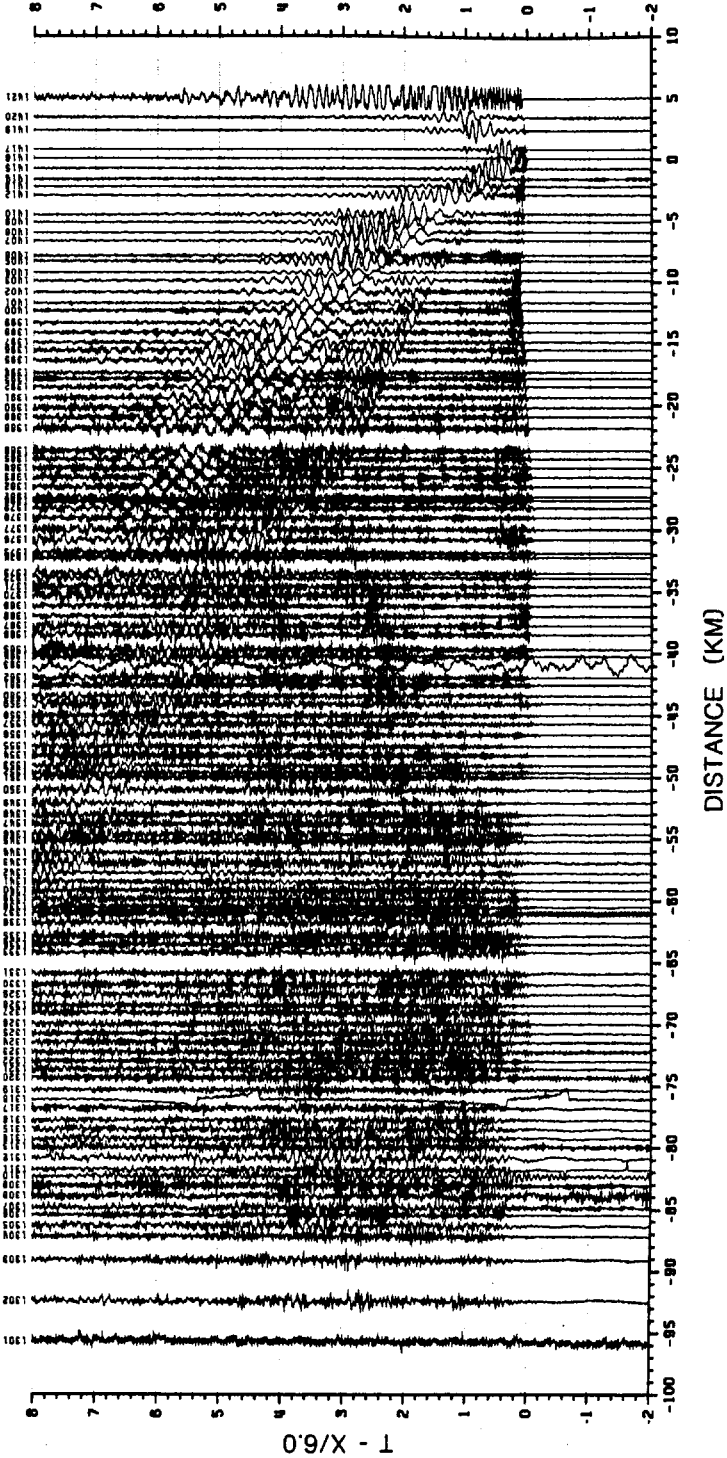


Figure 22. Profile 7, shot point 21

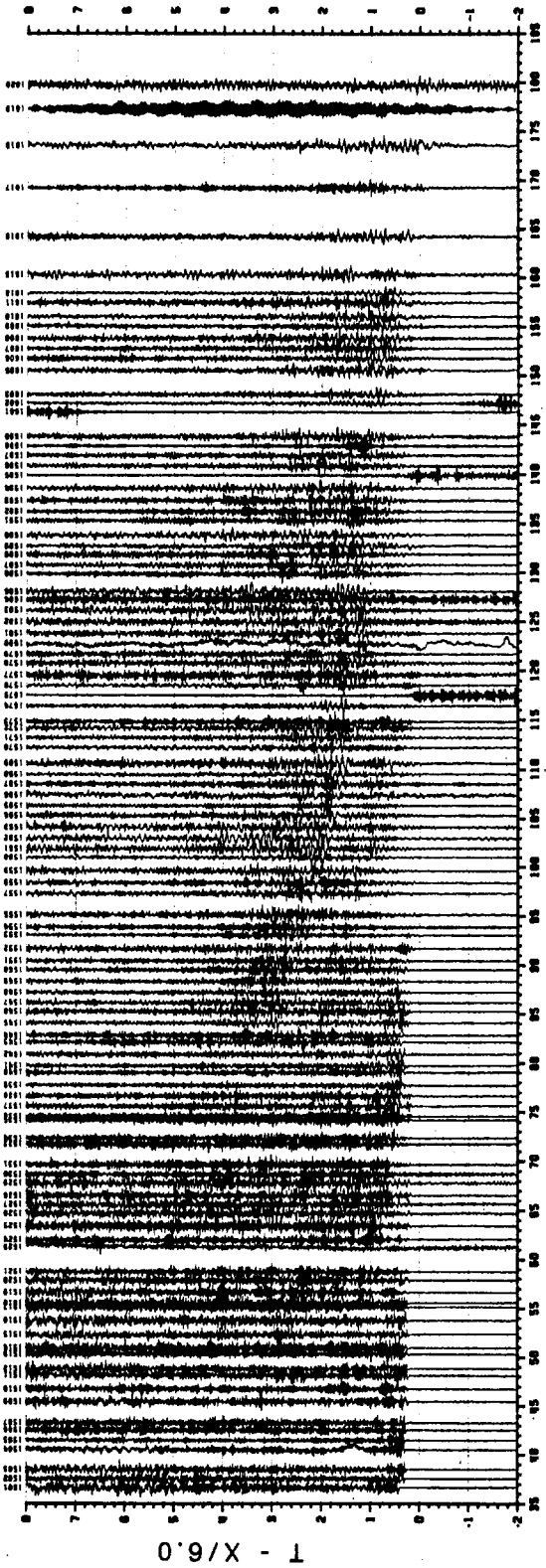


Figure 23. Profile 8, shot point 6

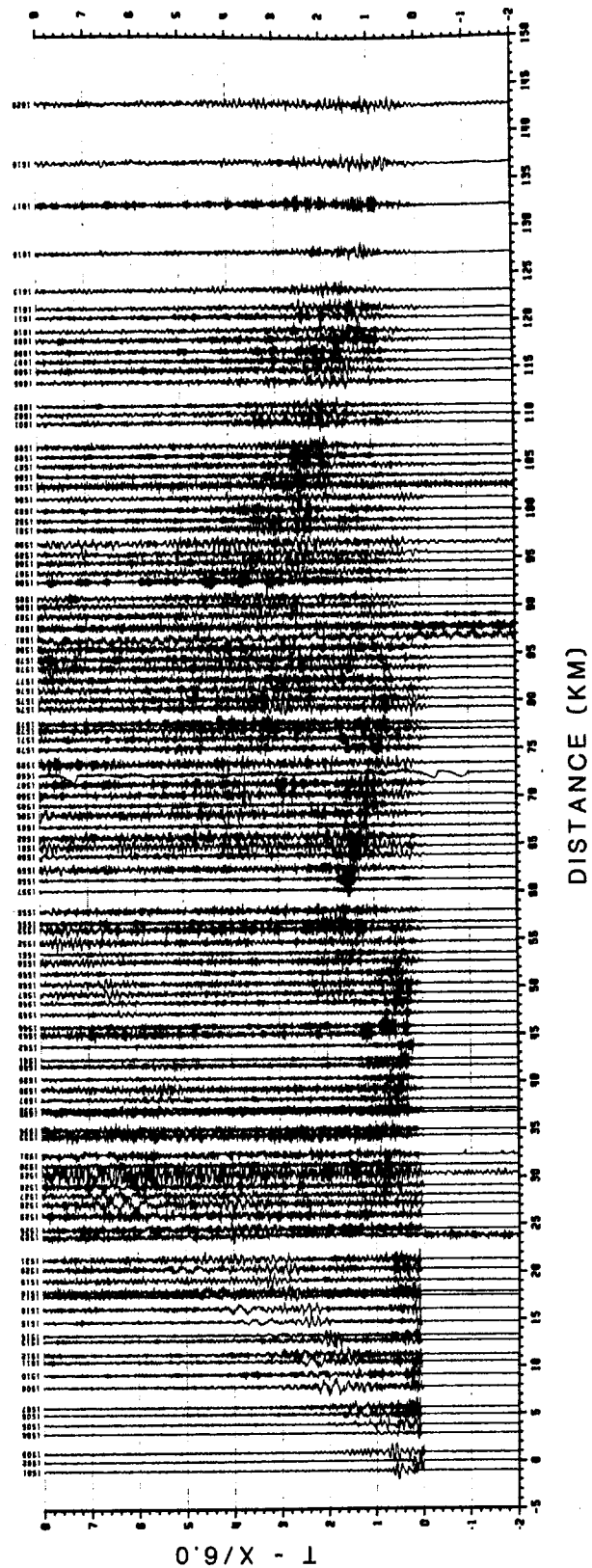


Figure 24. Profile 8, shot point 22

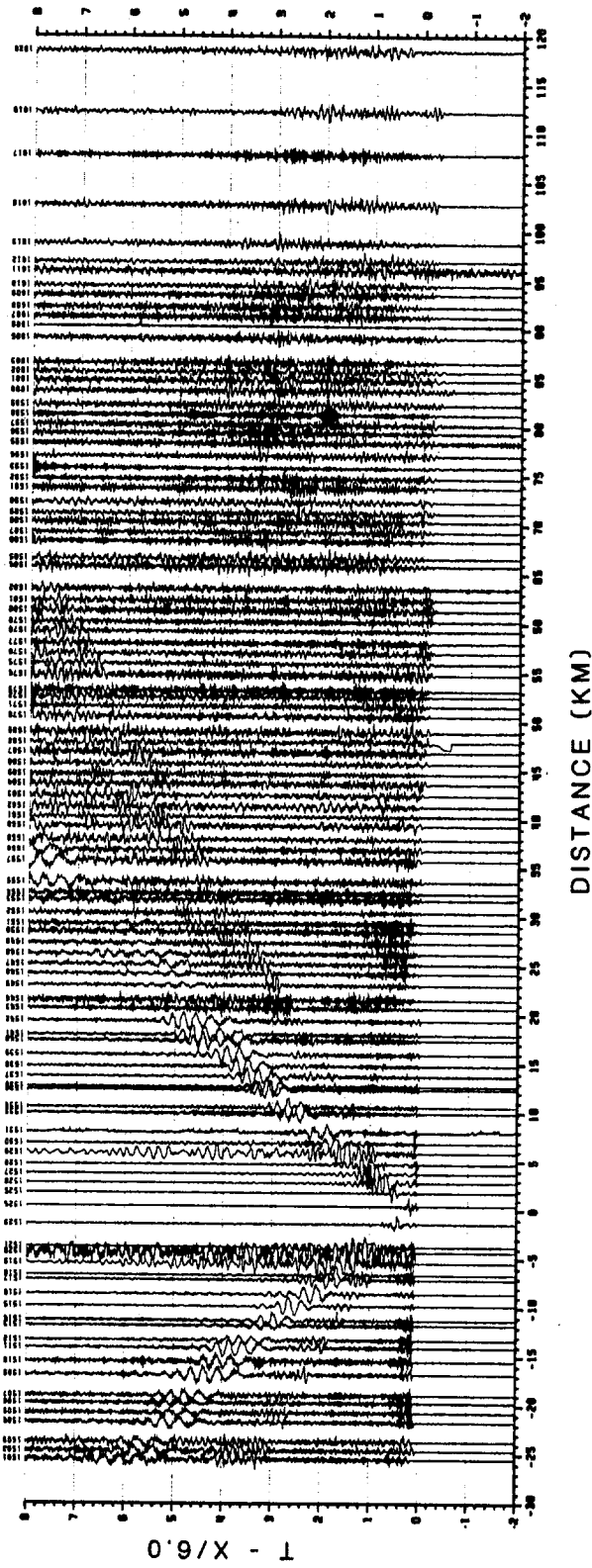


Figure 25. Profile 8, shot point 23

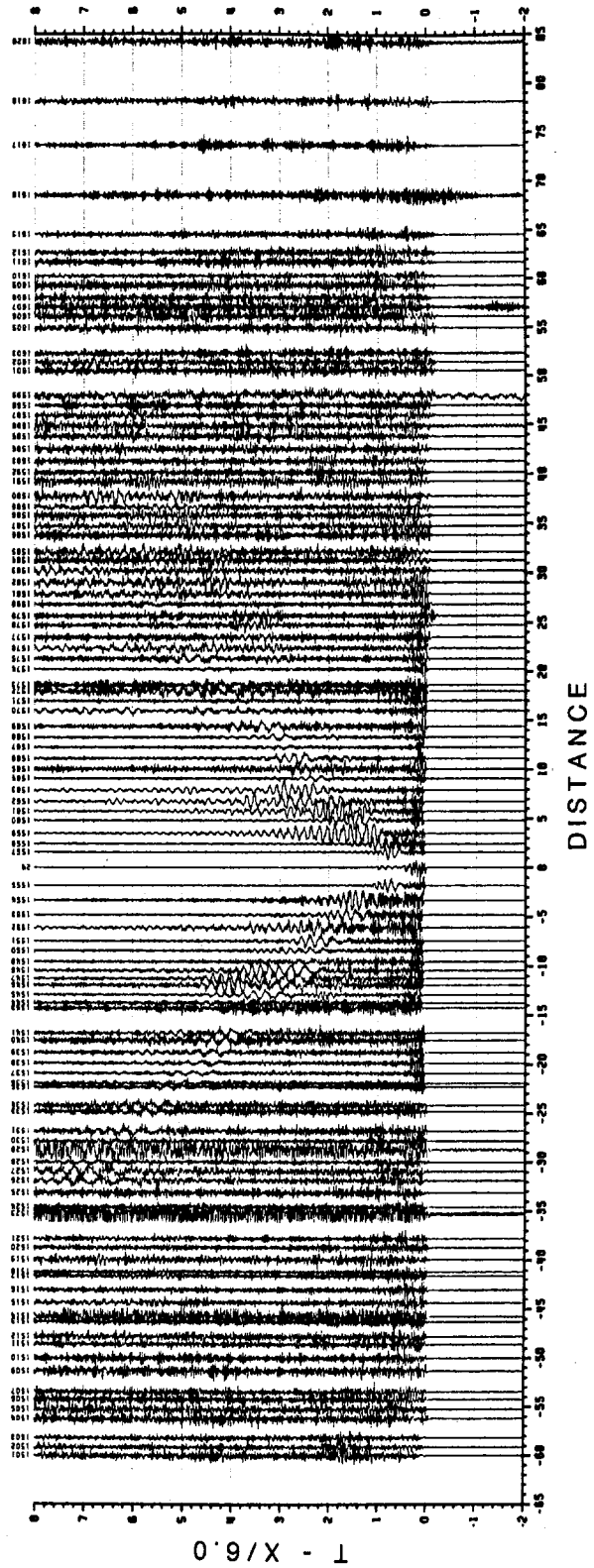


Figure 26. Profile 8, shot point 24

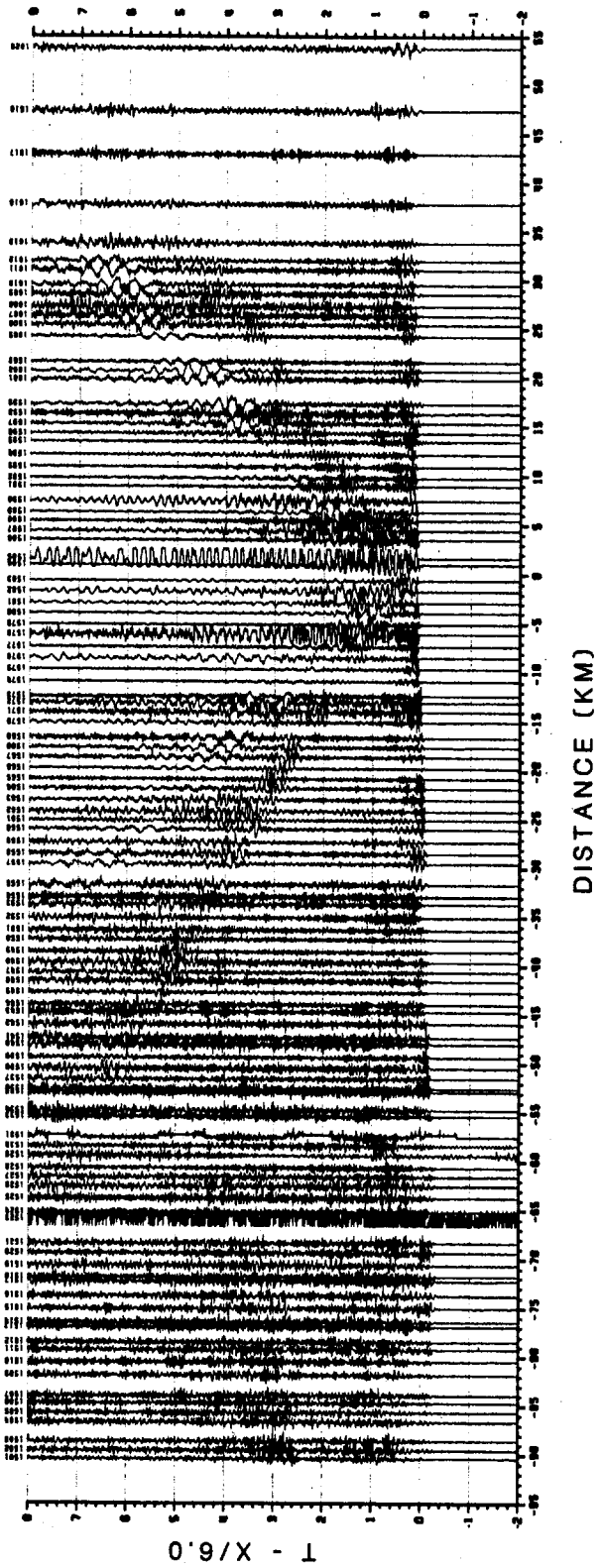


Figure 27. Profile 8, shot point 25

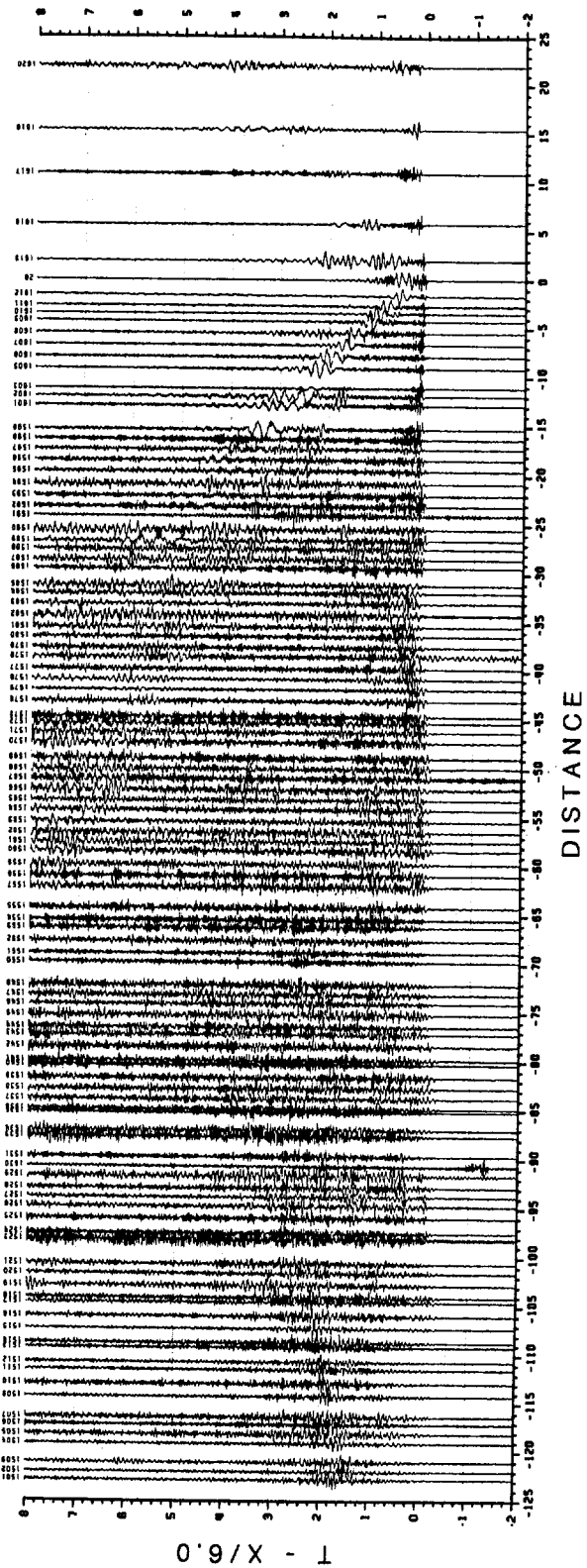


Figure 28. Profile 8, shot point 26

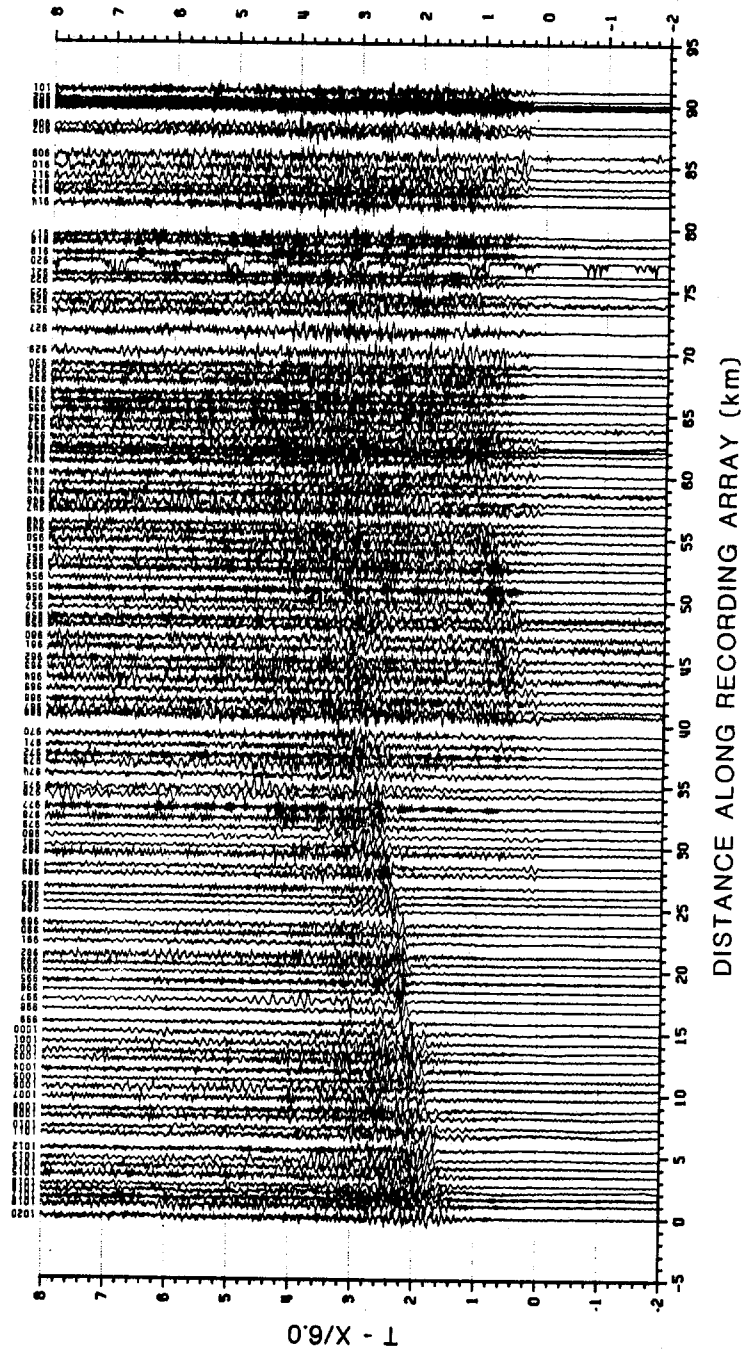


Figure 29. Fan shot, shot point 1 shot into deployment 5

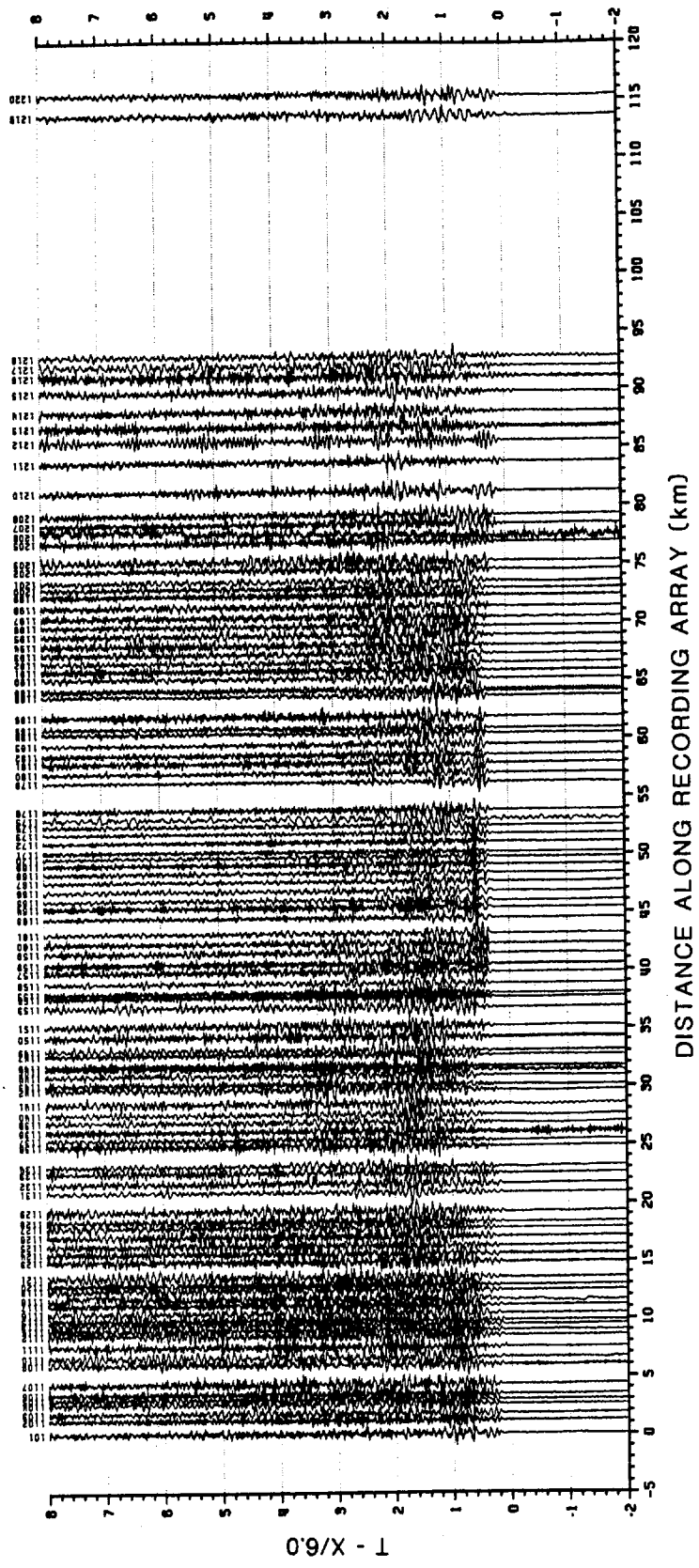


Figure 30. Fan shot, shot point 1 shot into deployment 6

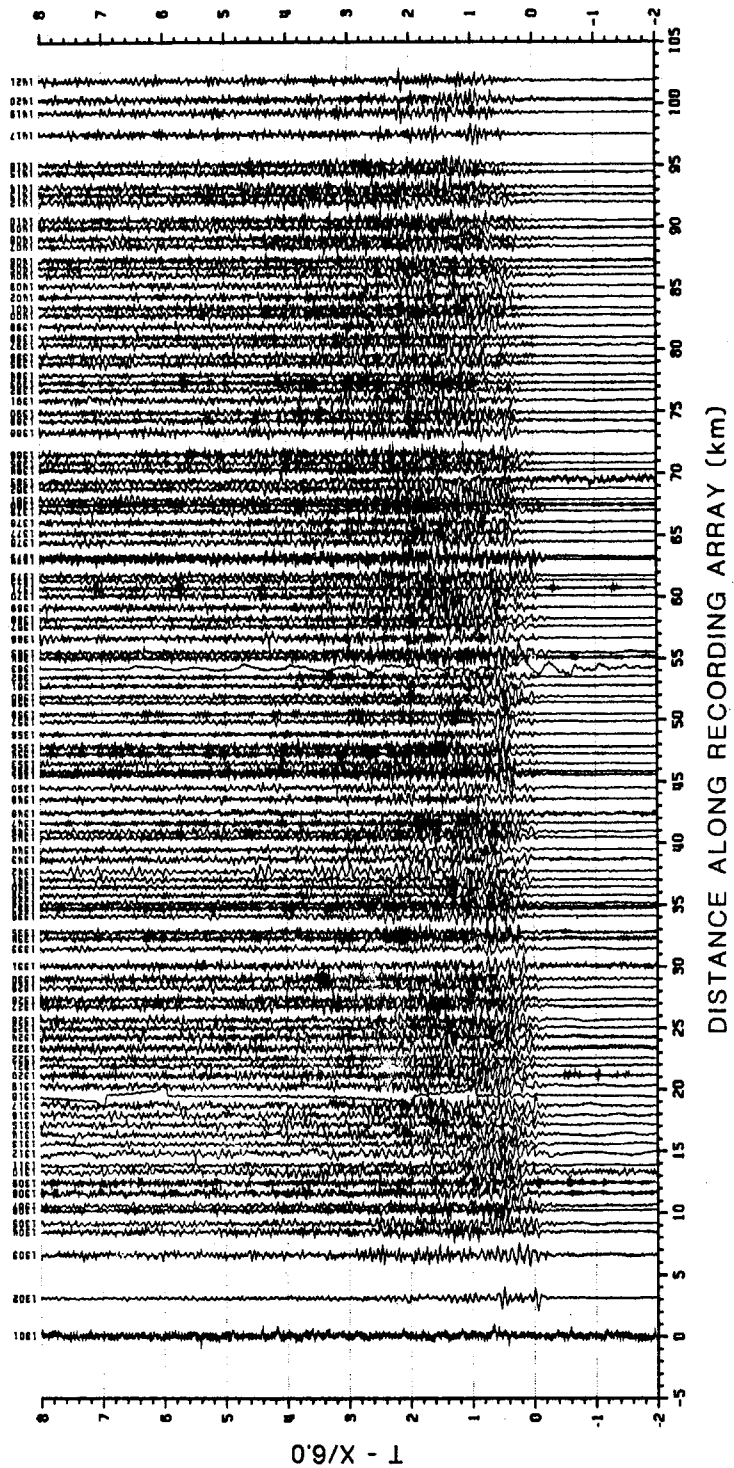


Figure 31. Fan shot, shot point 1 shot into deployment 7

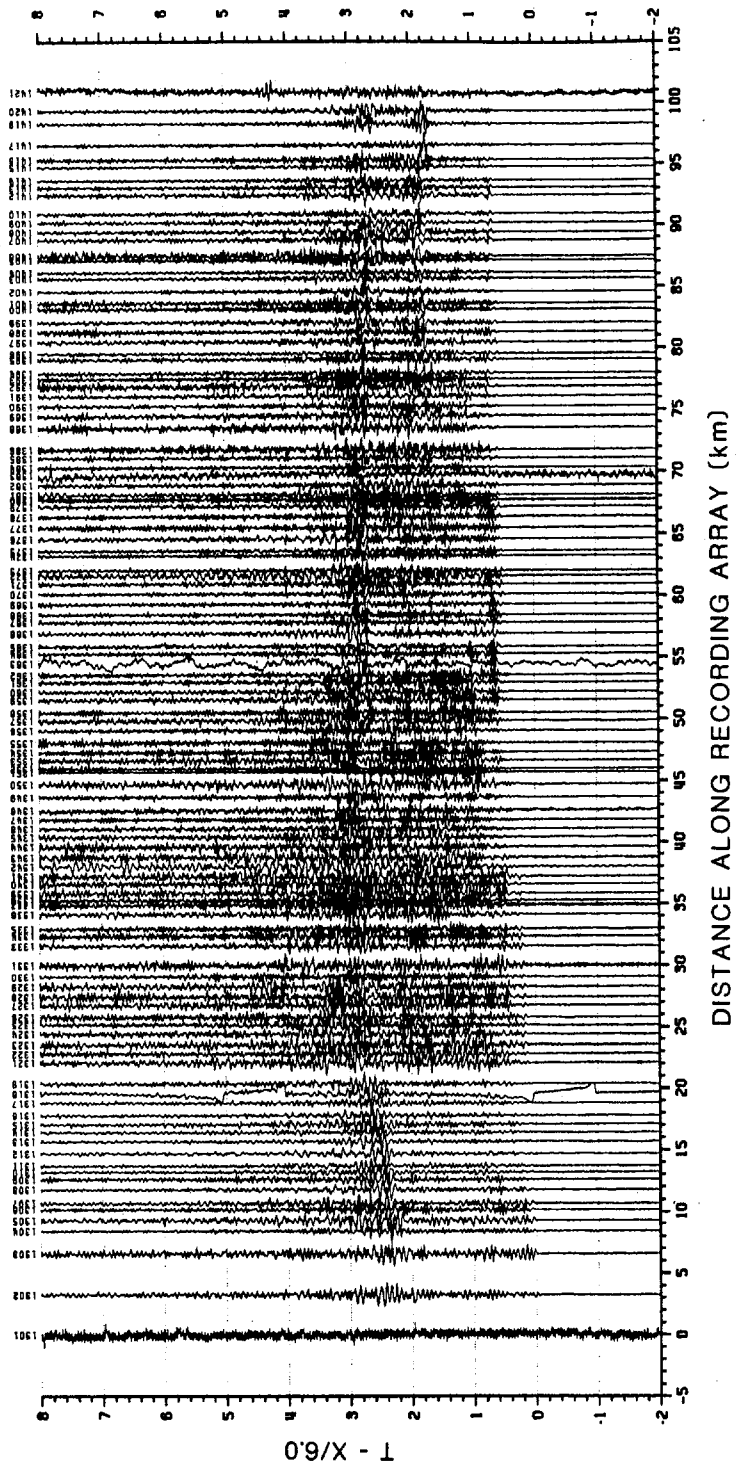


Figure 32. Fan shot, shot point 3B shot into deployment 7

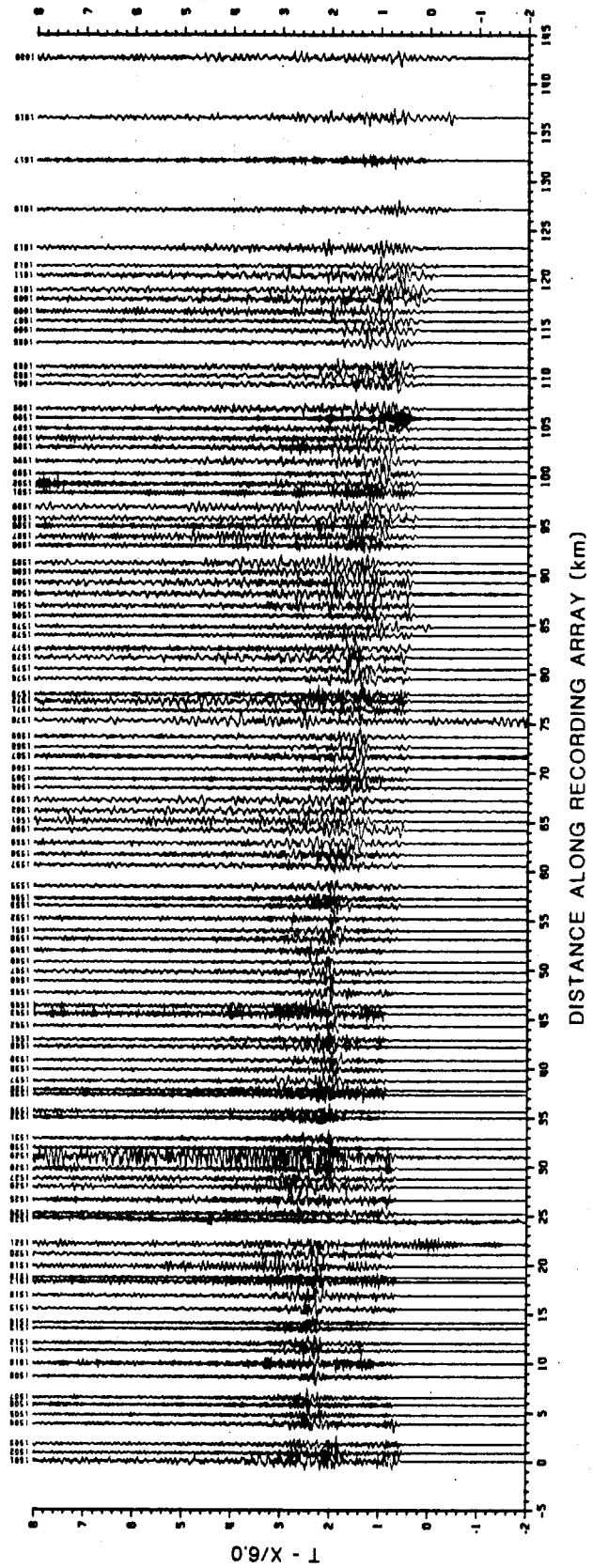


Figure 33. Fan shot, shot point 17 shot into deployment 8

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MEMORIUM

This report is presented in memory of David L. Knapp(1952-1986) whose unstinting efforts in the field helped to make this project and others successful.

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APPENDIX A

SHOT POINT AND SEISMIC RECORDER LOCATIONS

With the exception of shot points 3B and 4, shot point locations are identical to the shot point numbers. Shot point 3B is given location number 33 and shot point 4 was given location numbers 4, 34, and 44. The various numbers given to shot point 4 correspond to separate drill holes.

U.S.G.S. Seismic Station Locations

SHOT POINT LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1	45 23.536	70 45.128	426
8	45 7.552	70 47.194	557
9	45 16.360	70 38.170	509
10	45 29.491	70 33.285	545
11	45 40.039	70 21.188	441
12	44 11.380	70 35.609	156
13	44 23.219	70 20.187	140
14	44 33.819	70 2.711	121
15	44 58.602	69 35.574	161
16	45 6.419	69 22.938	146
17	45 16.918	69 5.628	100
18	43 55.020	69 29.514	48
19	44 8.105	69 21.237	73
20	44 21.882	69 4.957	106
21	44 34.387	68 53.566	91
22	44 29.363	68 45.684	48
23	44 31.827	68 27.462	53
24	44 35.742	68 1.970	79
25	44 40.591	67 39.731	73
26	44 44.135	67 15.606	54
33 (3B)	44 53.556	69 58.443	172
34 (4)	44 45.825	69 47.781	115
44 (4)	44 45.849	69 47.794	115

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
703	44 59.271	70 51.991	566
704	45 0.033	70 52.040	460
705	45 0.780	70 51.373	452
706	45 1.721	70 50.947	490
707	45 2.637	70 50.924	495
708	45 3.481	70 50.559	521
709	45 4.046	70 49.750	563
710	45 4.674	70 48.866	585
711	45 5.575	70 48.369	612
712	45 6.176	70 47.603	597
713	45 6.794	70 47.386	618
714	45 7.309	70 47.520	591
715	45 7.517	70 47.225	576
716	45 7.549	70 46.722	557
717	45 7.608	70 45.904	547
718	45 7.889	70 45.225	560
719	45 8.189	70 44.819	597
720	45 8.673	70 44.729	635
721	45 9.055	70 44.518	716
722	45 9.340	70 44.154	658
723	45 9.494	70 43.463	728
724	45 9.560	70 42.780	731
725	45 9.800	70 42.205	606
726	45 10.184	70 41.620	606
727	45 10.591	70 41.349	591
728	45 11.047	70 41.093	591
729	45 11.465	70 40.911	591
730	45 11.879	70 40.806	594
731	45 12.393	70 40.751	582
732	45 12.930	70 40.868	539
733	45 13.563	70 41.336	585
734	45 13.842	70 40.877	548
735	45 14.256	70 40.325	512
736	45 13.880	70 39.842	509
737	45 13.712	70 39.032	505
738	45 13.824	70 38.489	502
739	45 13.953	70 37.668	512
740	45 14.146	70 37.148	466
741	45 14.415	70 36.744	411
742	45 14.774	70 36.709	411
743	45 15.793	70 38.349	554
744	45 16.200	70 38.495	530
745	45 16.362	70 38.146	509
746	45 16.696	70 38.476	557
747	45 17.130	70 38.642	618
748	45 17.601	70 37.210	522
749	45 17.535	70 36.507	428
750	45 18.883	70 37.302	396
751	45 19.380	70 37.103	469
752	45 19.832	70 36.740	524

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
753	45 20.402	70 36.637	621
754	45 20.781	70 36.498	658
755	45 21.311	70 36.122	707
756	45 21.697	70 36.153	734
757	45 21.956	70 35.691	697
758	45 22.129	70 34.866	646
759	45 22.205	70 34.195	597
760	45 22.637	70 33.373	591
761	45 23.224	70 33.290	661
762	45 23.715	70 33.551	691
763	45 24.128	70 33.674	688
764	45 24.691	70 33.609	737
765	45 25.137	70 33.491	710
766	45 25.773	70 34.023	661
767	45 26.322	70 34.498	652
768	45 26.848	70 34.374	646
769	45 27.205	70 33.883	612
770	45 26.599	70 32.179	691
771	45 27.597	70 33.503	597
772	45 27.967	70 32.953	585
773	45 28.372	70 32.766	597
774	45 28.859	70 33.009	560
775	45 29.489	70 33.285	509
776	45 30.307	70 33.646	509
777	45 30.845	70 33.972	484
778	45 31.131	70 33.358	475
779	45 31.578	70 32.785	441
780	45 31.675	70 32.091	435
781	45 32.052	70 31.735	451
782	45 32.374	70 31.183	435
783	45 31.516	70 28.938	438
784	45 31.156	70 29.139	445
785	45 30.915	70 29.583	469
786	45 32.639	70 30.733	451
787	45 32.749	70 29.711	438
788	45 33.093	70 29.469	417
789	45 33.461	70 29.384	426
790	45 33.871	70 29.285	426
791	45 34.186	70 28.991	384
792	45 34.437	70 28.340	377
793	45 34.634	70 27.587	382
794	45 34.993	70 29.257	390
795	45 35.501	70 29.328	432
796	45 35.957	70 28.806	402
797	45 36.460	70 28.708	441
798	45 36.682	70 27.890	432
799	45 36.178	70 26.089	414
800	45 36.880	70 27.330	400
801	45 37.205	70 26.879	438
802	45 37.450	70 26.663	435

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
803	45 37.853	70 26.181	487
804	45 38.137	70 25.649	481
805	45 38.433	70 25.180	463
806	45 38.777	70 24.830	420
807	45 38.950	70 24.527	386
808	45 39.467	70 24.529	396
809	45 39.854	70 23.923	396
810	45 40.266	70 23.172	411
811	45 40.367	70 22.336	440
812	45 40.709	70 21.829	487
813	45 40.023	70 21.238	441
814	45 40.767	70 21.273	466
815	45 40.692	70 20.672	441
816	45 40.965	70 20.338	451
817	45 41.458	70 19.614	371
818	45 41.794	70 19.801	371
820	45 44.148	70 17.578	521
821	45 13.602	70 39.267	505
822	45 14.806	70 36.411	420
823	45 17.615	70 38.129	783
824	45 17.802	70 36.821	493
825	45 27.001	70 33.136	658
826	45 43.949	70 18.172	515
902	44 45.759	69 48.461	121
903	44 45.398	69 48.314	143
904	44 45.584	69 48.939	108
905	44 44.869	69 48.087	115
906	44 45.253	69 50.109	88
907	44 45.084	69 50.392	82
908	44 44.674	69 50.913	60
909	44 44.768	69 52.102	79
910	44 43.644	69 51.620	79
911	44 43.635	69 52.449	79
912	44 43.459	69 52.941	57
913	44 43.138	69 53.130	60
914	44 42.831	69 53.580	60
915	44 42.423	69 53.902	73
916	44 42.396	69 54.621	73
917	44 42.085	69 55.316	79
918	44 41.600	69 55.368	79
919	44 41.282	69 55.837	91
920	44 40.908	69 56.074	97
921	44 40.462	69 56.444	91
922	44 40.186	69 56.742	99
923	44 39.859	69 57.314	109
924	44 39.393	69 57.447	121
925	44 39.083	69 57.769	121
926	44 38.675	69 57.972	128
927	44 38.337	69 58.317	128
928	44 38.003	69 58.611	115

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
929	44 37.598	69 59.064	152
930	44 37.308	69 59.764	152
931	44 37.643	70 1.030	170
932	44 36.823	70 0.624	213
933	44 36.393	70 1.009	164
934	44 36.683	70 2.151	131
935	44 36.126	70 2.016	121
936	44 35.926	70 2.700	103
937	44 35.514	70 2.884	103
938	44 34.936	70 2.857	106
939	44 34.514	70 2.886	109
940	44 33.653	70 2.010	185
941	44 33.880	70 2.771	106
942	44 33.503	70 2.943	115
943	44 33.437	70 3.895	128
944	44 33.103	70 4.312	115
945	44 32.956	70 4.861	134
946	44 33.132	70 5.860	111
947	44 32.880	70 6.295	134
948	44 33.065	70 7.680	115
949	44 32.990	70 8.278	152
950	44 32.561	70 8.398	164
951	44 32.028	70 8.498	152
952	44 31.685	70 8.826	140
953	44 31.390	70 9.103	121
954	44 31.050	70 9.529	122
955	44 30.648	70 9.928	161
956	44 30.259	70 10.269	164
957	44 29.943	70 10.517	161
958	44 29.586	70 10.988	155
959	44 29.171	70 11.097	166
960	44 28.936	70 11.642	182
961	44 28.488	70 11.870	91
962	44 27.960	70 12.214	144
963	44 27.789	70 12.832	192
964	44 27.645	70 13.467	207
965	44 27.369	70 13.909	161
966	44 27.002	70 14.428	164
967	44 26.617	70 14.687	216
968	44 26.285	70 14.640	254
969	44 26.093	70 15.552	158
970	44 26.029	70 16.026	152
971	44 25.617	70 16.482	146
972	44 25.207	70 16.650	137
973	44 25.110	70 17.380	134
974	44 24.974	70 18.024	176
975	44 24.581	70 18.659	143
976	44 24.253	70 18.894	173
977	44 23.973	70 19.507	143
978	44 23.551	70 19.838	152

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
979	44 23.204	70 20.194	140
980	44 22.871	70 20.514	140
981	44 22.563	70 20.888	152
982	44 22.034	70 20.836	179
983	44 21.756	70 21.460	137
984	44 21.578	70 21.976	126
985	44 21.389	70 22.820	121
986	44 21.158	70 23.208	170
987	44 20.740	70 23.201	182
988	44 20.531	70 23.665	243
989	44 19.910	70 23.915	167
990	44 19.133	70 23.792	158
991	44 19.365	70 24.828	134
992	44 19.076	70 25.518	188
993	44 18.713	70 25.785	167
994	44 18.693	70 26.431	182
995	44 18.561	70 26.987	237
996	44 18.444	70 27.677	304
997	44 18.153	70 28.123	316
998	44 17.860	70 28.445	323
999	44 17.475	70 29.042	292
1000	44 17.133	70 29.536	243
1001	44 16.714	70 29.764	234
1002	44 16.354	70 29.991	213
1003	44 15.891	70 30.130	243
1004	44 15.350	70 30.235	213
1005	44 15.113	70 30.769	118
1006	44 14.960	70 31.184	121
1007	44 14.509	70 31.431	103
1008	44 14.418	70 32.327	213
1009	44 13.836	70 32.177	164
1010	44 13.849	70 33.048	124
1011	44 13.304	70 32.982	161
1012	44 13.038	70 33.793	121
1013	44 12.746	70 34.294	106
1014	44 12.480	70 34.660	152
1015	44 12.177	70 34.962	182
1016	44 11.933	70 35.497	182
1017	44 11.620	70 36.043	156
1018	44 11.380	70 35.609	188
1019	44 11.594	70 36.612	173
1020	44 11.199	70 37.091	146
1021	44 32.545	70 6.522	115
1101	44 46.108	69 47.572	121
1102	44 46.276	69 47.138	109
1103	44 46.458	69 46.770	146
1104	44 47.196	69 47.455	140
1105	44 47.352	69 47.091	118
1106	44 47.191	69 46.012	118
1107	44 47.824	69 46.117	128

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1108	44 47.818	69 45.079	115
1109	44 48.666	69 45.570	161
1110	44 49.010	69 45.506	140
1111	44 49.243	69 44.681	100
1112	44 49.994	69 45.023	118
1113	44 50.663	69 45.341	112
1114	44 49.534	69 43.334	97
1115	44 50.162	69 43.337	103
1116	44 49.729	69 41.988	109
1117	44 50.814	69 42.978	109
1118	44 50.576	69 41.906	131
1119	44 51.157	69 41.957	161
1120	44 51.303	69 41.669	140
1121	44 51.406	69 41.059	134
1122	44 51.767	69 41.006	155
1123	44 52.423	69 41.224	158
1124	44 52.837	69 41.096	146
1125	44 52.973	69 40.486	94
1126	44 52.973	69 39.508	109
1127	44 53.290	69 39.143	155
1128	44 53.394	69 38.651	167
1129	44 53.893	69 38.450	192
1130	44 54.528	69 38.633	128
1131	44 54.826	69 38.122	121
1132	44 55.480	69 38.404	207
1133	44 55.674	69 37.583	213
1134	44 56.153	69 37.756	201
1135	44 56.900	69 39.388	137
1136	44 57.384	69 38.020	231
1137	44 57.442	69 37.370	195
1138	44 57.533	69 36.571	155
1139	44 57.643	69 35.766	188
1140	44 57.960	69 35.474	228
1141	44 58.602	69 35.574	231
1142	44 59.139	69 35.035	201
1143	44 58.980	69 34.078	149
1144	44 59.103	69 33.362	106
1145	44 59.308	69 32.991	134
1146	44 59.252	69 32.577	134
1147	44 59.774	69 32.345	137
1148	44 59.210	69 31.925	128
1149	44 59.531	69 31.431	140
1150	45 0.220	69 31.203	192
1151	45 0.583	69 30.692	195
1152	45 0.907	69 30.267	201
1153	45 1.160	69 29.762	143
1154	45 1.451	69 29.205	167
1155	45 1.445	69 28.794	128
1156	45 1.807	69 28.383	128
1157	45 2.319	69 28.054	146

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1158	45 2.682	69 27.843	152
1159	45 3.075	69 27.373	176
1160	45 3.243	69 26.675	219
1161	45 3.342	69 25.904	192
1162	45 3.690	69 25.681	164
1163	45 4.002	69 25.295	201
1164	45 4.306	69 24.808	182
1165	45 4.564	69 24.513	164
1166	45 4.900	69 24.164	198
1167	45 5.269	69 23.745	176
1168	45 5.719	69 23.529	182
1169	45 6.202	69 23.568	176
1170	45 6.373	69 22.991	164
1171	45 6.357	69 22.458	166
1172	45 6.539	69 21.722	182
1173	45 6.641	69 20.994	207
1174	45 6.724	69 20.377	205
1175	45 7.152	69 20.421	201
1176	45 7.443	69 19.909	176
1177	45 7.943	69 19.753	176
1178	45 8.124	69 19.072	164
1179	45 8.328	69 18.508	185
1180	45 8.556	69 18.041	182
1181	45 8.759	69 17.467	182
1182	45 9.210	69 17.289	146
1183	45 9.618	69 16.877	121
1184	45 10.145	69 16.670	152
1185	45 10.231	69 16.212	152
1186	45 10.562	69 15.648	128
1187	45 10.719	69 15.091	137
1188	45 10.887	69 14.208	128
1189	45 11.107	69 13.927	103
1190	45 11.491	69 13.439	121
1191	45 11.711	69 12.900	118
1192	45 11.913	69 12.361	112
1193	45 12.055	69 11.807	115
1194	45 12.210	69 11.182	106
1195	45 12.507	69 10.661	118
1196	45 12.979	69 10.455	170
1197	45 13.465	69 10.268	207
1198	45 13.658	69 9.723	210
1199	45 13.981	69 9.093	195
1200	45 14.359	69 8.916	201
1201	45 14.825	69 8.978	264
1202	45 15.405	69 8.719	188
1203	45 15.567	69 8.208	195
1204	45 15.860	69 7.467	121
1205	45 16.029	69 6.942	109
1206	45 16.366	69 6.655	91
1207	45 16.535	69 6.010	103

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1208	45 16.738	69 5.460	97
1209	45 16.918	69 5.628	100
1210	45 17.109	69 3.820	123
1211	45 18.391	69 2.753	158
1212	45 19.099	69 1.820	121
1213	45 19.528	69 1.212	198
1214	45 20.017	69 0.479	195
1215	45 20.709	68 59.522	198
1216	45 21.417	68 59.172	201
1217	45 21.603	68 58.349	195
1218	45 21.872	68 57.774	155
1219	45 30.233	68 46.958	161
1220	45 31.263	68 46.532	149
1301	43 51.311	69 33.254	13
1302	43 52.781	69 31.928	12
1303	43 54.138	69 30.266	18
1304	43 55.020	69 29.512	48
1305	43 55.305	69 29.003	48
1306	43 55.704	69 28.581	21
1307	43 55.979	69 28.332	30
1308	43 56.331	69 27.851	21
1309	43 56.764	69 27.611	9
1310	43 57.230	69 27.575	27
1311	43 57.587	69 27.603	30
1312	43 57.929	69 27.046	24
1313	43 58.368	69 26.719	39
1314	43 58.708	69 26.500	48
1315	43 59.106	69 26.304	30
1316	43 59.470	69 26.058	6
1317	43 59.946	69 25.763	33
1318	44 0.321	69 25.555	15
1319	44 0.724	69 25.363	24
1320	44 1.273	69 25.150	39
1321	44 1.656	69 24.991	39
1322	44 2.093	69 25.010	33
1323	44 2.539	69 24.957	54
1324	44 3.020	69 24.852	45
1325	44 3.401	69 24.655	30
1326	44 3.708	69 24.281	18
1327	44 4.182	69 24.036	39
1328	44 4.587	69 24.033	51
1329	44 4.984	69 23.668	39
1330	44 5.346	69 23.331	30
1331	44 5.816	69 23.086	24
1332	44 6.166	69 22.852	18
1333	44 6.370	69 22.009	51
1334	44 6.804	69 21.978	60
1335	44 7.181	69 21.881	67
1336	44 7.703	69 21.478	64
1337	44 8.058	69 21.172	73

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1338	44 8.064	69 20.555	64
1339	44 8.342	69 20.254	60
1340	44 8.636	69 19.984	60
1341	44 8.897	69 19.572	48
1342	44 9.235	69 19.327	36
1343	44 9.619	69 18.974	30
1344	44 9.848	69 18.369	48
1345	44 10.276	69 18.019	91
1346	44 10.613	69 17.973	134
1347	44 10.775	69 17.152	30
1348	44 11.244	69 17.134	42
1349	44 11.814	69 17.014	36
1350	44 12.315	69 16.576	22
1351	44 12.583	69 15.801	42
1352	44 12.682	69 15.475	73
1353	44 12.938	69 15.244	115
1354	44 13.122	69 14.555	60
1355	44 13.376	69 14.083	73
1356	44 13.905	69 13.897	79
1357	44 14.377	69 13.699	106
1358	44 14.651	69 13.356	100
1359	44 15.078	69 12.984	76
1360	44 15.170	69 12.330	131
1361	44 15.480	69 11.787	115
1362	44 15.494	69 11.001	179
1363	44 16.026	69 10.765	245
1364	44 16.262	69 10.312	195
1365	44 16.626	69 10.301	149
1366	44 17.042	69 9.549	121
1367	44 17.432	69 9.369	131
1368	44 17.733	69 8.948	131
1369	44 18.119	69 8.643	138
1370	44 18.537	69 8.309	134
1371	44 18.841	69 8.004	138
1372	44 19.178	69 7.771	146
1373	44 19.485	69 7.873	149
1374	44 20.180	69 7.582	190
1375	44 20.196	69 7.130	158
1376	44 20.611	69 6.586	138
1377	44 21.226	69 6.714	88
1378	44 21.506	69 6.084	72
1379	44 21.840	69 5.703	76
1380	44 21.882	69 4.957	106
1381	44 22.229	69 5.278	91
1382	44 22.545	69 4.847	67
1383	44 22.876	69 4.507	118
1384	44 23.141	69 4.059	100
1385	44 23.355	69 3.518	91
1386	44 23.866	69 3.677	70
1387	44 24.385	69 3.294	57

U.S.G.S. Seismic Station Locations
RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1388	44 24.619	69 2.795	60
1389	44 25.065	69 2.539	75
1390	44 25.454	69 2.283	79
1391	44 26.056	69 2.413	85
1392	44 26.226	69 1.631	60
1393	44 26.497	69 1.272	6
1394	44 26.716	69 1.098	45
1395	44 27.322	69 0.980	60
1396	44 27.591	69 0.457	27
1397	44 27.947	69 0.328	67
1398	44 28.374	69 0.102	64
1399	44 28.729	68 59.741	36
1400	44 29.201	68 59.411	36
1401	44 29.446	68 59.095	79
1402	44 29.830	68 58.660	112
1403	44 30.453	68 58.606	91
1404	44 30.650	68 58.171	115
1405	44 30.885	68 57.449	152
1406	44 30.955	68 57.034	121
1407	44 31.523	68 56.589	128
1408	44 31.779	68 56.208	109
1409	44 32.208	68 55.941	91
1410	44 32.358	68 55.396	109
1411	44 32.851	68 55.064	97
1412	44 33.248	68 55.093	109
1413	44 33.300	68 54.257	103
1414	44 33.732	68 54.373	103
1415	44 34.240	68 54.099	100
1416	44 34.400	68 53.519	91
1417	44 34.490	68 52.988	80
1418	44 34.993	68 52.777	128
1419	44 35.442	68 52.595	115
1420	44 35.999	68 52.336	54
1421	44 36.880	68 52.094	42
1501	44 29.465	68 46.414	33
1502	44 29.371	68 45.708	48
1503	44 29.470	68 45.011	100
1504	44 29.360	68 43.458	36
1505	44 29.481	68 42.746	48
1506	44 29.440	68 41.957	67
1507	44 29.566	68 41.399	73
1508	44 29.472	68 40.731	51
1509	44 29.593	68 39.770	57
1510	44 29.778	68 38.783	97
1511	44 30.175	68 37.818	62
1512	44 30.586	68 37.341	51
1513	44 30.788	68 36.221	60
1514	44 30.393	68 35.707	64
1515	44 30.735	68 34.718	70
1516	44 30.381	68 33.598	59

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1517	44 30.687	68 32.583	73
1518	44 31.008	68 32.324	94
1519	44 31.555	68 31.561	65
1520	44 31.881	68 30.717	62
1521	44 32.472	68 30.139	103
1522	44 32.393	68 29.203	59
1523	44 32.387	68 28.181	47
1524	44 32.049	68 27.540	51
1525	44 32.591	68 26.588	62
1526	44 32.570	68 25.621	6
1527	44 32.789	68 24.956	56
1528	44 32.986	68 24.293	45
1529	44 33.000	68 23.329	51
1530	44 33.375	68 22.725	53
1531	44 33.730	68 22.047	35
1532	44 33.891	68 21.271	21
1533	44 33.854	68 20.511	33
1534	44 33.914	68 20.051	33
1535	44 34.103	68 18.664	51
1536	44 33.845	68 18.329	42
1537	44 34.048	68 17.589	13
1538	44 34.179	68 16.809	10
1539	44 34.589	68 16.075	0
1540	44 35.174	68 15.213	18
1541	44 34.974	68 14.632	24
1542	44 35.168	68 13.613	24
1543	44 35.522	68 12.755	36
1544	44 36.073	68 12.342	30
1545	44 36.893	68 11.605	64
1546	44 37.122	68 10.771	79
1547	44 37.416	68 10.143	60
1548	44 37.609	68 9.414	65
1549	44 37.780	68 8.595	67
1550	44 37.785	68 7.661	67
1551	44 37.657	68 6.910	64
1552	44 37.466	68 5.889	79
1553	44 37.337	68 4.808	109
1554	44 36.744	68 4.030	115
1555	44 36.406	68 2.961	85
1556	44 36.205	68 1.981	76
1557	44 36.493	68 1.313	60
1558	44 36.522	68 0.463	60
1559	44 36.538	67 59.563	42
1560	44 36.582	67 58.509	67
1561	44 36.467	67 57.745	30
1562	44 36.241	67 56.914	25
1563	44 36.390	67 56.052	30
1564	44 36.498	67 55.178	42
1565	44 36.624	67 54.446	48
1566	44 36.773	67 53.666	36

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1567	44 36.907	67 52.830	27
1568	44 36.998	67 52.072	42
1569	44 36.991	67 51.230	30
1570	44 37.208	67 50.065	15
1571	44 37.349	67 49.300	12
1572	44 37.468	67 48.594	12
1573	44 37.630	67 48.140	21
1574	44 37.754	67 46.934	30
1575	44 38.235	67 46.224	24
1576	44 38.660	67 45.534	18
1577	44 38.994	67 44.810	24
1578	44 39.356	67 43.970	12
1579	44 39.584	67 43.290	33
1580	44 39.966	67 42.554	45
1581	44 40.240	67 41.848	38
1582	44 40.363	67 40.967	68
1583	44 40.318	67 40.030	65
1584	44 40.257	67 39.166	41
1585	44 40.329	67 38.552	39
1586	44 40.163	67 37.155	24
1587	44 40.172	67 36.447	16
1588	44 40.285	67 35.662	41
1589	44 40.249	67 34.980	45
1590	44 40.298	67 34.119	50
1591	44 40.292	67 32.993	30
1592	44 40.492	67 32.335	54
1593	44 40.533	67 31.483	57
1594	44 40.596	67 30.557	42
1595	44 40.754	67 29.577	32
1596	44 41.376	67 28.985	30
1597	44 41.924	67 28.320	29
1598	44 42.419	67 27.698	27
1599	44 42.847	67 27.063	21
1600	44 43.377	67 26.140	12
1601	44 43.414	67 25.308	24
1602	44 43.355	67 24.600	30
1603	44 43.828	67 24.036	6
1604	44 44.243	67 23.327	6
1605	44 44.901	67 22.442	33
1606	44 44.934	67 21.491	24
1607	44 44.660	67 20.627	35
1608	44 44.340	67 19.746	30
1609	44 44.444	67 18.800	45
1610	44 44.680	67 18.127	25
1611	44 45.104	67 17.127	30
1612	44 44.848	67 16.278	33
1613	44 45.073	67 14.900	28
1616	44 45.972	67 12.114	30
1617	44 47.332	67 8.617	22
1618	44 48.404	67 5.556	30

U.S.G.S. Seismic Station Locations

RECORDER LOCATIONS

Location number	Latitude (deg,min)	Longitude (deg,min)	Elev (m)
1619	44 49.204	67 2.912	21
1620	44 50.254	67 1.342	21

APPENDIX B

TEAM DATA SHEETS

Team data sheets contain all the information related to the performance of the seismic recorders. The recorders are grouped into six teams of twenty instruments, and information for each team is given for each shot. Numerical values were assigned to all shot points. Shot point 4, which had multiple drill holes, has multiple shot point numbers corresponding to different drill hole locations. These are listed below the column headings. The column headings are as follows:

- LOC - location number from the seismic recorder location file
- DIST (KM) - distance from the shot point to the recorder location in kilometers
- AZIM (DEG) - azimuth clockwise north from the shotpoint to the recorder location
- UNIT - I. D. number of the recording unit
- CHRON - chronometer correction in milliseconds for the recorder at shot
time
(calculated from the total drift assuming a linear drift rate)
- CHAN - channel number (1, 2, or 3) which was digitized
- C1 C2 C3 - attenuation settings (dB) for channels 1, 2, and 3
- TAPE GRADE - number used to code the instrument performance, the data quality, and/or the reason for omitting the trace from a record section

SHOT POINT

LOCATION NUMBERS

3B
4

33
4, 34, 44

DIRECTORY OF TAPE GRADE CODES

- 0 - Digitized
- 1 - Tape did not run
- 2 - Dropout in data
- 3 - Skipped record time
- 5 - Time code translator read time but detected error
- 6 - Time code translator cannot read time.
- 12 - Random noise
- 17 - Bad time code
- 21 - Geophone disconnected or shorted
- 32 - No seismic arrival
- 33 - Trace deleted from record section;
Deployed off line
- 34 - Trace deleted from record section;
Overlapping traces
- 35 - Clipped record
- 36 - Trace deleted from true-amplitude record section;
Noisy trace.
- 37 - Filtered data plotted

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 20 SHOT POINT 8 TEAM 3
 SHOT TIME: 281: 4: 0: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	16.579	202.3	1	27	1	30	12	48	0	0
2	15.311	204.5	2	28	1	30	12	48	0	0
3	13.689	203.6	3	3	3	30	12	48	0	0
4	11.870	204.5	4	0	3	30	12	48	0	0
5	10.335	208.3	5	19	1	30	12	48	0	0
6	8.737	210.3	6	12	1	30	12	48	0	0
7	7.308	207.3	7	-20	3	30	12	48	0	0
8	5.763	202.4	8	29	3	30	12	48	0	0
9	3.972	202.8	9	71	3	30	12	48	0	0
10	2.603	191.9	10	27	3	30	12	68	0	0
11	1.425	190.2	11	-16	3	30	12	68	0	0
12	0.621	223.6	12	19	3	30	12	68	0	0
13	0.076	212.4	13	18	3	30	12	88	0	0
14	0.619	90.4	14	21	3	30	12	88	0	0
15	1.695	86.5	15	-79	3	30	12	68	0	0
16	2.657	76.4	16	-15	3	30	12	68	0	0
17	3.391	69.2	17	30	3	30	12	48	0	0
18	3.841	57.3	18	-27	3	30	12	48	1	0
19	4.478	51.6	19	-9	3	30	12	48	0	0
20	5.182	50.3	20	15	3	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 20 SHOT POINT 8 TEAM 1
 SHOT TIME: 281: 4: 0: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	393	24.170	41	-30	3	30	12	48	0	0
2	823	22.098	42	14	1	30	12	68	0	0
3	743	19.163	43	8	1	30	12	88	0	0
4	744	19.656	44	26	1	30	12	88	0	0
5	745	20.166	45	0	2	30	12	88	0	0
6	746	20.425	46	25	1	30	12	88	0	0
7	747	20.980	47	5	1	30	12	68	0	0
8	748	22.746	48	22	1	30	12	68	0	0
9	824	23.344	49	18	1	30	12	68	0	0
10	750	24.661	50	0	1	30	12	48	0	0
11	751	25.583	51	25	1	30	12	48	0	0
12	752	26.545	52	10	1	30	12	48	0	0
13	753	27.521	53	16	3	30	12	48	0	0
14	754	28.220	54	-5	1	30	12	48	0	0
15	755	29.317	55	24	1	30	12	88	0	0
16	756	29.920	56	33	3	30	12	48	0	0
17	757	30.633	57	36	1	30	12	48	0	0
18	758	31.432	58	24	3	30	12	48	0	0
19	759	32.031	59	1	3	30	12	48	0	0
20	760	33.283	60	-5	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 20 SHOT POINT 8 TEAM 4
 SHOT TIME: 281: 4: 0: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	761	34.258	61	17	1	30	12	48	0	0
2	762	34.855	62	0	3	30	12	48	0	0
3	763	35.434	63	8	1	30	12	48	0	0
4	764	36.380	64	34	1	30	12	48	0	0
5	765	37.178	65	1	1	30	12	48	0	0
6	766	37.893	66	19	1	30	12	48	0	0
7	767	38.528	67	21	1	30	12	48	0	0
8	768	39.477	68	-3	1	30	12	48	0	0
9	769	40.350	69	0	1	30	12	48	0	0
10	825	40.443	70	51	1	30	12	48	0	0
11	771	41.219	71	27	3	30	12	48	0	0
12	772	42.149	72	26	1	30	12	68	0	0
13	773	42.930	73	-25	1	30	12	68	0	0
14	774	43.606	74	4	1	30	12	68	0	0
15	775	44.515	75	20	1	30	12	88	0	0
16	776	45.717	76	1	1	30	12	68	6	0
17	777	46.476	77	10	1	30	12	68	0	0
18	778	47.270	78	-7	1	30	12	68	0	0
19	779	48.322	79	38	1	30	12	48	0	0
20	780	48.847	80	19	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 20 SHOT POINT 8 TEAM 2
 SHOT TIME: 281: 4: 0: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	723	6.071	21	11	3	30	12	48	0	0
2	724	6.879	22	10	3	30	12	48	0	0
3	725	7.793	23	10	3	30	12	48	1	0
4	726	8.783	24	10	3	30	12	48	1	0
5	727	9.506	25	10	3	30	12	48	0	0
6	728	10.289	26	10	3	30	12	48	1	0
7	729	10.971	27	10	3	30	12	48	0	0
8	730	11.589	28	11	3	30	12	48	0	0
9	731	12.316	29	10	3	30	12	48	0	0
10	732	12.959	30	10	3	30	12	48	12	0
11	733	13.523	31	10	3	30	12	48	0	0
12	734	14.292	32	10	3	30	12	48	0	0
13	735	15.335	33	10	3	30	12	48	0	0
14	736	15.171	34	10	3	30	12	48	0	0
15	821	15.279	35	11	3	30	12	48	0	0
16	738	16.280	36	10	3	30	12	48	0	0
17	739	17.214	37	10	3	30	12	48	0	0
18	740	17.955	38	10	1	30	12	48	0	0
19	741	18.681	39	10	1	30	12	48	0	0
20	822	19.496	40	10	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 21 SHOT POINT 9 TEAM 1
SHOT TIME: 281: 4: 2: 0.012

Table with columns: LOC, DIST(KM), AZIM, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE. Lists data for 20 shots with values ranging from 1 to 20 for unit and channel, and 1 to 48 for C1, C2, C3.

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 20 SHOT POINT 8 TEAM 5
SHOT TIME: 281: 4: 0: 0.007

Table with columns: LOC, DIST(KM), AZIM, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE. Lists data for 20 shots with values ranging from 81 to 100 for unit and channel, and 1 to 17 for C1, C2, C3.

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 21 SHOT POINT 9 TEAM 2
SHOT TIME: 281: 4: 2: 0.012

Table with columns: LOC, DIST(KM), AZIM, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE. Lists data for 20 shots with values ranging from 21 to 40 for unit and channel, and 1 to 48 for C1, C2, C3.

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 20 SHOT POINT 8 TEAM 6
SHOT TIME: 281: 4: 0: 0.007

Table with columns: LOC, DIST(KM), AZIM, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE. Lists data for 20 shots with values ranging from 101 to 120 for unit and channel, and 1 to 11 for C1, C2, C3.

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 21 SHOT POINT 9 TEAM 3
 SHOT TIME: 281: 4: 2: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	393	4.026	41	-30	3	30	12	48	0	0
2	823	2.325	42	14	3	30	12	68	0	0
3	743	1.077	43	8	3	30	12	88	0	0
4	744	0.519	44	26	3	30	12	88	0	0
5	745	0.031	45	0	3	30	12	88	0	0
6	746	0.739	46	25	3	30	12	88	0	0
7	747	1.553	47	5	3	30	12	68	0	0
8	748	2.619	48	22	3	30	12	68	0	0
9	824	3.200	49	18	3	30	12	68	0	0
10	750	4.807	50	0	3	30	12	48	0	0
11	751	5.764	51	25	3	30	12	48	0	0
12	752	6.697	52	10	3	30	12	48	0	0
13	753	7.749	53	16	3	30	12	48	0	0
14	754	8.475	54	-5	3	30	12	48	0	0
15	755	9.952	55	24	1	30	12	88	0	0
16	756	10.230	56	33	3	30	12	48	0	0
17	757	10.859	57	36	3	30	12	48	6	0
18	758	11.524	58	24	3	30	12	48	0	0
19	759	12.007	59	1	3	30	12	48	0	0
20	760	13.208	60	-5	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 21 SHOT POINT 9 TEAM 5
 SHOT TIME: 281: 4: 2: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	781	30.254	81	-24	1	30	12	48	0	0
2	782	31.030	82	-5	1	30	12	48	0	0
3	783	30.548	83	32	1	30	12	48	0	0
4	784	29.832	84	6	1	30	12	48	0	0
5	785	29.195	85	27	2	30	12	48	0	0
6	787	32.301	86	-6	1	30	12	48	0	0
7	786	31.675	87	8	1	30	12	48	0	0
8	788	33.008	88	25	1	30	12	48	0	0
9	789	33.686	89	4	1	30	12	48	0	0
10	790	34.444	90	19	1	30	12	48	0	0
11	791	35.122	91	10	1	30	12	48	0	0
12	792	35.655	92	0	1	30	12	48	0	0
13	793	36.555	93	-100	1	30	12	48	0	0
14	794	36.418	94	31	2	30	12	48	0	0
15	795	37.283	95	1	2	30	12	48	0	0
16	796	38.299	96	5	1	30	12	48	0	0
17	797	39.222	97	4	1	30	12	48	0	0
18	798	39.957	98	-16	1	30	12	48	0	0
19	799	39.945	99	27	1	30	12	48	0	0
20	800	40.552	100	17	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 21 SHOT POINT 9 TEAM 4
 SHOT TIME: 281: 4: 2: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	761	14.223	61	17	1	30	12	48	0	0
2	762	14.900	62	0	1	30	12	48	0	0
3	763	15.541	63	8	1	30	12	48	0	0
4	764	16.540	64	34	1	30	12	48	0	0
5	765	17.368	65	1	1	30	12	48	0	0
6	766	18.257	66	19	1	30	12	48	0	0
7	767	19.064	67	21	1	30	12	48	0	0
8	768	20.048	68	-3	1	30	12	48	0	0
9	769	20.853	69	0	1	30	12	48	0	0
10	825	20.776	70	51	1	30	12	48	0	0
11	771	21.688	71	27	1	30	12	48	0	0
12	772	22.552	72	26	1	30	12	68	0	0
13	773	23.341	73	-25	1	30	12	68	0	0
14	774	24.112	74	4	1	30	12	68	0	0
15	775	25.140	75	20	1	30	12	68	0	0
16	776	26.500	76	1	1	30	12	68	6	0
17	777	27.383	77	10	1	30	12	68	0	0
18	778	28.071	78	-7	1	30	12	68	0	0
19	779	29.050	79	38	1	30	12	48	0	0
20	780	29.456	80	19	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 21 SHOT POINT 9 TEAM 6
 SHOT TIME: 281: 4: 2: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	801	41.322	101	22	2	30	12	48	0	0
2	802	41.846	102	18	1	30	12	48	0	0
3	803	42.791	103	2	2	30	12	48	0	0
4	804	43.516	104	0	1	30	12	48	0	0
5	805	44.253	105	34	1	30	12	48	0	0
6	806	45.018	106	4	2	30	12	48	0	0
7	807	45.465	107	47	30	12	48	6	0	0
8	808	46.347	108	12	30	12	48	1	0	0
9	809	47.314	109	9	30	12	68	6	0	0
10	810	48.403	110	24	1	30	12	68	0	0
11	811	49.023	111	55	1	30	12	68	0	0
12	812	49.876	112	13	1	30	12	68	0	0
13	813	49.074	113	-10	30	12	68	1	0	0
14	814	50.287	114	8	1	30	12	88	0	0
15	815	50.511	115	15	2	30	12	88	0	0
16	816	51.159	116	38	1	30	12	68	1	0
17	817	52.401	117	2	1	30	12	68	0	0
18	818	52.844	118	25	1	30	12	48	0	0
19	826	57.359	119	13	2	30	12	48	0	0
20	820	58.042	120	11	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 22 SHOT POINT 10 TEAM 1
SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	703	61.094	203.6	1	27	1	30	12 48	0
2	704	59.830	204.2	2	28	1	30	12 48	0
3	705	58.209	204.0	3	3	1	30	12 48	0
4	706	56.389	204.2	4	0	1	30	12 48	0
5	707	54.831	204.9	5	19	1	30	12 48	0
6	708	53.212	205.1	6	12	1	30	12 48	0
7	709	51.817	204.6	7	-20	1	30	12 48	0
8	710	50.281	203.9	8	29	1	30	12 48	1
9	711	48.491	204.0	9	71	2	30	12 48	0
10	712	47.068	203.4	10	27	1	30	12 68	0
11	713	45.905	203.7	11	-16	1	30	12 68	1
12	714	45.105	204.4	12	19	1	30	12 88	0
13	715	44.595	204.1	13	18	1	30	12 88	0
14	716	44.275	203.4	14	21	1	30	12 88	0
15	717	43.762	202.1	15	-79	1	30	12 68	0
16	718	42.949	201.3	16	-15	1	30	12 68	0
17	719	42.238	200.9	17	30	1	30	12 48	0
18	720	41.361	201.2	18	-27	1	30	12 48	1
19	721	40.601	201.2	19	-9	1	30	12 48	0
20	722	39.937	200.8	20	15	1	30	12 48	0

DEPLOYMENT 4
SHOT NUMBER 22 SHOT POINT 10 TEAM 3
SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	393	21.507	190.4	41	-30	3	30	12 48	0
2	823	22.888	196.0	42	14	1	30	12 68	0
3	743	26.221	194.6	43	8	1	30	12 88	0
4	744	25.542	193.4	44	26	1	30	12 88	0
5	745	25.134	194.6	45	0	1	30	12 88	0
6	746	24.650	196.0	46	25	1	30	12 88	0
7	747	23.941	197.0	47	5	1	30	12 68	1
8	748	22.612	193.1	48	22	1	30	12 68	0
9	824	22.138	192.0	49	18	1	30	12 68	0
10	750	20.338	194.9	50	0	1	30	12 48	0
11	751	19.381	194.9	51	25	1	30	12 48	0
12	752	18.451	194.1	52	10	3	30	12 48	0
13	753	17.396	194.6	53	16	3	30	12 48	0
14	754	16.670	194.6	54	-5	1	30	12 48	0
15	755	15.598	193.7	55	24	1	30	12 88	0
16	756	14.914	194.5	56	33	3	30	12 48	0
17	757	14.306	192.7	57	36	3	30	12 48	0
18	758	13.793	188.6	58	24	3	30	12 48	0
19	759	13.549	185.0	59	1	3	30	12 48	0
20	760	12.696	180.5	60	-5	3	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 22 SHOT POINT 10 TEAM 2
SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	723	39.356	199.8	21	11	3	30	12 48	0
2	724	38.947	198.6	22	10	1	30	12 48	0
3	725	38.291	197.7	23	10	1	30	12 48	1
4	726	37.384	196.9	24	10	1	30	12 48	1
5	727	36.560	196.7	25	10	1	30	12 48	3
6	728	35.654	196.6	26	10	1	30	12 48	1
7	729	34.844	196.6	27	10	3	30	12 48	0
8	730	34.071	196.8	28	11	3	30	12 48	0
9	731	33.138	197.1	29	10	3	30	12 48	0
10	732	32.235	197.9	30	10	1	30	12 48	0
11	733	31.322	199.6	31	10	3	30	12 48	0
12	734	30.635	198.9	32	10	1	30	12 48	0
13	735	29.680	198.0	33	10	1	30	12 48	0
14	736	30.158	196.5	34	10	1	30	12 48	0
15	821	30.451	194.9	35	11	3	30	12 48	0
16	738	29.805	193.2	36	10	1	30	12 48	0
17	739	29.346	191.2	37	10	3	30	12 48	0
18	740	28.869	190.1	38	10	1	30	12 48	0
19	741	28.289	189.2	39	10	1	30	12 48	0
20	822	27.505	188.5	40	10	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 4
SHOT NUMBER 22 SHOT POINT 10 TEAM 4
SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
									GRADE
1	761	11.609	180.0	61	17	3	30	12 48	0
2	762	10.705	181.9	62	0	3	30	12 48	0
3	763	9.947	182.9	63	8	3	30	12 48	0
4	764	8.902	182.7	64	34	3	30	12 48	0
5	765	8.069	181.9	65	1	3	30	12 48	0
6	766	6.954	188.0	66	19	3	30	12 48	0
7	767	6.080	195.1	67	21	3	30	12 48	0
8	768	5.099	196.2	68	-3	3	30	12 48	0
9	769	4.306	190.4	69	0	3	30	12 48	0
10	825	4.618	177.6	70	51	3	30	12 48	0
11	771	3.520	184.6	71	27	3	30	12 48	0
12	772	2.858	171.3	72	26	3	30	12 68	0
13	773	2.181	161.9	73	-25	3	30	12 68	0
14	774	1.225	162.9	74	4	3	30	12 68	0
15	775	0.005	180.0	75	20	3	30	12 88	0
16	776	1.582	342.7	76	1	1	30	12 68	6
17	777	2.662	340.4	77	10	3	30	12 68	0
18	778	3.038	358.2	78	-7	3	30	12 68	0
19	779	3.920	9.6	79	38	3	30	12 48	0
20	780	4.334	21.0	80	19	3	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 22 SHOT POINT 10 TEAM 5
 SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	781	5.155	81	-24	3	30	12	48	0	0
2	782	6.000	82	-5	3	30	12	48	0	0
3	783	6.791	83	32	3	30	12	48	0	0
4	784	6.218	84	6	3	30	12	48	0	0
5	785	5.496	85	27	3	30	12	48	0	0
6	787	7.621	86	-6	3	30	12	48	0	0
7	786	6.711	87	8	3	30	12	48	0	0
8	788	8.319	88	25	3	30	12	48	0	0
9	789	8.938	89	4	3	30	12	48	0	0
10	790	9.641	90	19	3	30	12	48	0	0
11	791	10.338	91	10	3	30	12	48	0	0
12	792	11.197	92	0	3	30	12	48	0	0
13	793	12.074	93	-100	2	30	12	48	0	0
14	794	11.461	94	31	2	30	12	48	0	0
15	795	12.266	95	1	2	30	12	48	0	0
16	796	13.321	96	5	3	30	12	48	0	0
17	797	14.217	97	4	3	30	12	48	0	0
18	798	15.056	98	-16	3	30	12	48	0	0
19	799	15.528	99	27	3	30	12	48	0	0
20	800	15.728	100	17	3	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 23 SHOT POINT 11 TEAM 1
 SHOT TIME: 281: 4: 6: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	703	85.546	208.1	1	27	2	30	12	48	0
2	704	84.332	208.5	2	28	1	30	12	48	0
3	705	82.698	208.5	3	3	2	30	12	48	0
4	706	80.898	208.7	4	0	2	30	12	48	0
5	707	79.421	209.3	5	19	2	30	12	48	0
6	708	77.823	209.5	6	12	2	30	12	48	0
7	709	76.392	209.2	7	-20	2	30	12	48	0
8	710	74.812	208.9	8	29	2	30	12	48	1
9	711	73.036	209.1	9	71	2	30	12	48	0
10	712	71.576	208.8	10	27	2	30	12	68	0
11	713	70.436	209.0	11	-16	1	30	12	68	0
12	714	69.689	209.5	12	19	1	30	12	88	0
13	715	69.163	209.4	13	18	1	30	12	88	0
14	716	68.791	209.0	14	21	2	30	12	88	0
15	717	68.184	208.2	15	-79	1	30	12	68	0
16	718	67.308	207.8	16	-15	2	30	12	68	0
17	719	66.568	207.6	17	30	2	30	12	48	0
18	720	65.720	207.9	18	-27	2	30	12	48	1
19	721	64.965	207.9	19	-9	2	30	12	48	0
20	722	64.276	207.8	20	15	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 22 SHOT POINT 10 TEAM 6
 SHOT TIME: 281: 4: 4: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	801	16.542	30.3	101	22	1	30	12	48	0
2	802	17.076	30.3	102	18	3	30	12	48	0
3	803	18.057	30.8	103	2	2	30	12	48	0
4	804	18.848	31.8	104	0	3	30	12	48	0
5	805	19.635	32.5	105	34	1	30	12	48	0
6	807	20.418	32.6	106	4	2	30	12	48	0
7	808	21.707	31.7	108	13	30	12	48	6	0
8	809	22.733	32.4	109	9	30	12	68	1	0
9	810	23.903	33.4	110	24	1	30	12	68	6
10	811	24.672	35.3	111	55	1	30	12	68	0
11	812	25.569	35.6	112	13	1	30	12	68	0
12	813	25.024	38.8	113	-10	30	12	68	1	0
13	814	26.084	36.8	114	8	1	30	12	88	0
14	815	26.450	38.3	115	15	1	30	12	88	0
15	816	27.117	38.4	116	38	1	30	12	88	0
16	817	28.416	38.7	117	2	1	30	12	68	0
17	818	28.756	37.6	118	25	3	30	12	48	0
18	825	33.215	36.3	119	13	1	30	12	48	0
19	820	33.972	36.9	120	11	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 4
 SHOT NUMBER 23 SHOT POINT 11 TEAM 2
 SHOT TIME: 281: 4: 6: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	723	63.606	207.2	21	11	2	30	12	48	0
2	724	63.094	206.5	22	10	2	30	12	48	0
3	725	62.363	206.1	23	10	2	30	12	48	1
4	726	61.389	205.7	24	10	2	30	12	48	1
5	727	60.556	205.7	25	10	2	30	12	48	3
6	728	59.649	205.8	26	10	2	30	12	48	1
7	729	58.848	205.9	27	10	1	30	12	48	0
8	730	58.099	206.1	28	11	1	30	12	48	0
9	731	57.212	206.5	29	10	2	30	12	48	0
10	732	56.392	207.1	30	10	2	30	12	48	0
11	733	55.636	208.2	31	10	1	30	12	48	0
12	734	54.897	207.9	32	10	2	30	12	48	0
13	735	53.883	207.6	33	10	1	30	12	48	0
14	736	54.216	206.7	34	10	1	30	12	48	0
15	821	54.349	205.7	35	11	1	30	12	48	0
16	738	53.542	204.9	36	10	1	30	12	48	0
17	739	52.882	204.0	37	10	1	30	12	48	0
18	740	52.282	203.5	38	10	2	30	12	48	0
19	741	51.615	203.1	39	10	2	30	12	48	0
20	822	50.777	203.0	40	10	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 4 SHOT NUMBER 23 SHOT POINT 11 TEAM 3 SHOT TIME: 281: 4: 6: 0.009

Table with columns: LOC, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE, DIST(KM), AZIM, CHRON, CHAN, C1, C2, C3, TAPE GRADE.

DKDAT DATA TABLE

DEPLOYMENT 4 SHOT NUMBER 23 SHOT POINT 11 TEAM 5 SHOT TIME: 281: 4: 6: 0.009

Table with columns: LOC, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE, DIST(KM), AZIM, CHRON, CHAN, C1, C2, C3, TAPE GRADE.

DKDAT DATA TABLE

DEPLOYMENT 4 SHOT NUMBER 23 SHOT POINT 11 TEAM 4 SHOT TIME: 281: 4: 6: 0.009

Table with columns: LOC, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE, DIST(KM), AZIM, CHRON, CHAN, C1, C2, C3, TAPE GRADE.

DKDAT DATA TABLE

DEPLOYMENT 4 SHOT NUMBER 23 SHOT POINT 11 TEAM 6 SHOT TIME: 281: 4: 6: 0.009

Table with columns: LOC, UNIT, CHRON, CHAN, C1, C2, C3, TAPE GRADE, DIST(KM), AZIM, CHRON, CHAN, C1, C2, C3, TAPE GRADE.

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 24 SHOT POINT 12 TEAM 5
 SHOT TIME: 289: 4: 0: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	981	28.504	81	-21	2	30	12	68	0	0
2	982	27.851	82	-5	1	30	12	68	0	0
3	983	26.901	83	30	2	30	12	48	0	0
4	984	26.187	84	0	1	30	12	48	0	0
5	985	25.163	85	-18	1	30	12	48	0	0
6	986	24.499	86	-2	2	30	12	48	0	0
7	987	23.939	87	10	1	30	12	48	0	0
8	988	23.234	88	23	1	30	12	48	0	0
9	989	22.176	89	0	1	30	12	48	0	0
10	990	21.296	90	15	1	30	12	48	0	0
11	991	20.605	91	12	1	30	12	48	0	0
12	992	19.584	92	0	1	30	12	48	0	0
13	993	18.853	93	11	1	30	12	48	0	0
14	994	18.240	94	26	1	30	12	48	0	0
15	995	17.567	95	-3	1	30	12	48	0	0
16	996	16.810	96	0	1	30	12	48	0	0
17	997	16.020	97	6	1	30	12	48	0	0
18	998	15.329	98	-7	1	30	12	48	0	0
19	999	14.278	99	22	1	30	12	48	0	0
20	1000	13.374	100	16	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 24 SHOT POINT 12 TEAM 6
 SHOT TIME: 289: 4: 0: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1001	12.576	101	23	1	30	12	48	0	0
2	1002	11.866	102	16	1	30	12	48	0	0
3	1003	11.092	103	3	3	30	12	48	0	0
4	1004	10.260	104	0	3	30	12	48	0	0
5	1005	9.452	105	35	3	30	12	48	0	0
6	1006	8.870	106	0	3	30	12	48	0	0
7	1007	8.034	107	11	3	30	12	48	0	0
8	1008	7.125	108	4	3	30	12	48	6	0
9	1009	6.449	109	7	3	30	12	48	0	0
10	1010	5.704	110	27	3	30	12	48	0	0
11	1011	4.993	111	53	3	30	12	48	0	0
12	1012	3.909	112	13	3	30	12	68	0	0
13	1013	3.078	113	-11	3	30	12	48	0	0
14	1014	2.398	114	6	3	30	12	68	0	0
15	1015	1.709	115	9	3	30	12	68	0	0
16	1016	1.035	116	40	3	30	12	88	0	0
17	1017	0.729	117	-12	3	30	12	88	0	0
18	1018	0.000	118	13	3	30	12	88	0	0
19	1019	1.394	119	7	3	30	12	68	0	0
20	1020	2.004	120	5	3	30	12	68	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 25 SHOT POINT 14 TEAM 1
 SHOT TIME: 289: 4: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	101	29.706	1	22	1	30	12	88	6	0
2	102	29.049	2	22	1	30	12	88	0	0
3	903	28.672	3	11	1	30	12	88	0	0
4	904	28.393	4	-11	1	30	12	68	0	0
5	905	28.153	5	18	1	30	12	68	0	0
6	906	26.943	6	10	1	30	12	68	0	0
7	907	26.466	7	7	1	30	12	48	0	0
8	908	25.444	8	25	1	30	12	48	32	0
9	909	24.656	9	19	1	30	12	48	0	0
10	910	23.370	10	9	1	30	12	48	0	0
11	911	22.685	11	-12	1	30	12	48	0	0
12	912	22.037	12	19	1	30	12	48	0	0
13	913	21.410	13	17	1	30	12	48	0	0
14	914	20.600	14	20	1	30	12	48	0	0
15	915	19.739	15	-82	1	30	12	48	32	0
16	916	19.151	16	-10	1	30	12	48	1	0
17	917	18.167	17	30	1	30	12	48	0	0
18	918	17.377	18	-14	2	30	12	48	0	0
19	919	16.544	19	16	1	30	12	48	0	0
20	920	15.793	20	10	1	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 25 SHOT POINT 14 TEAM 2
 SHOT TIME: 289: 4: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	921	14.836	21	-19	1	30	12	48	0	0
2	922	14.191	22	14	3	30	12	48	0	0
3	923	13.270	23	33	3	30	12	48	0	0
4	924	12.453	24	4	3	30	12	48	0	0
5	925	11.739	25	33	3	30	12	48	0	0
6	926	10.963	26	4	3	30	12	48	0	0
7	927	10.189	27	13	1	30	12	48	1	0
8	928	9.460	28	-66	1	30	12	48	0	0
9	929	8.501	29	17	3	30	12	48	0	0
10	930	7.547	30	10	1	30	12	48	0	0
11	931	7.422	31	9	3	30	12	48	0	0
12	932	6.211	32	43	3	30	12	48	0	0
13	933	5.272	33	58	3	30	12	48	0	0
14	934	5.356	34	17	3	30	12	48	0	0
15	935	4.370	35	-31	3	30	12	48	0	0
16	936	3.903	36	8	3	30	12	48	0	0
17	937	3.148	37	11	3	30	12	48	0	0
18	938	2.078	38	5	3	30	12	68	0	0
19	939	1.307	39	0	3	30	12	68	0	0
20	940	0.977	40	10	3	30	12	68	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 28 SHOT POINT 13 TEAM 1
 SHOT TIME: 289: 6: 0: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	101	59.918	1	23	2	30	12	88	0	0
2	902	59.217	2	24	2	30	12	88	0	0
3	903	58.888	3	12	2	30	12	88	0	0
4	904	58.540	4	-12	2	30	12	68	0	0
5	905	58.430	5	20	2	30	12	68	0	0
6	906	57.017	6	10	1	30	12	68	0	0
7	907	56.532	7	8	1	30	12	48	0	0
8	908	55.508	8	27	1	30	12	48	0	0
9	909	54.548	9	24	2	30	12	48	0	0
10	910	53.498	10	9	2	30	12	48	0	0
11	911	52.715	11	-12	1	30	12	48	0	0
12	912	52.028	12	20	2	30	12	48	0	0
13	913	51.428	13	18	1	30	12	48	0	0
14	914	50.606	14	22	1	30	12	48	0	0
15	915	49.768	15	-87	1	30	12	48	32	1
16	916	49.071	16	-11		30	12	48	1	0
17	917	48.022	17	32	2	30	12	48	0	0
18	918	47.324	18	-15	2	30	12	48	0	0
19	919	46.471	19	17	2	30	12	48	0	0
20	920	45.756	20	11		30	12	48	12	1

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 27 SHOT POINT 17 TEAM 5
 SHOT TIME: 289: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	981	141.170	81	-21	2	30	12	68	0	0
2	982	141.829	82	-5	1	30	12	68	0	0
3	983	142.773	83	30	2	30	12	48	0	0
4	984	143.485	84	0	2	30	12	48	0	0
5	985	144.514	85	-18	2	30	12	48	0	0
6	986	145.179	86	-2	2	30	12	48	0	0
7	987	145.730	87	10	2	30	12	48	0	0
8	988	146.435	88	23	2	30	12	48	0	0
9	989	147.494	89	0	1	30	12	48	0	0
10	990	148.425	90	15	2	30	12	48	0	0
11	991	149.061	91	12	2	30	12	48	0	0
12	992	150.081	92	0	1	30	12	48	0	0
13	993	150.811	93	11	2	30	12	48	0	0
14	994	151.432	94	26	1	30	12	48	0	0
15	995	152.121	95	-3	2	30	12	48	0	0
16	996	152.917	96	0	2	30	12	48	0	0
17	997	153.715	97	6	1	30	12	48	0	0
18	998	154.401	98	-7	2	30	12	48	0	0
19	999	155.466	99	22	2	30	12	48	0	0
20	1000	156.378	100	16	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 28 SHOT POINT 13 TEAM 2
 SHOT TIME: 289: 6: 0: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	921	44.825	21	-20	1	30	12	48	0	0
2	922	44.184	22	15	1	30	12	48	0	0
3	923	43.222	23	35	1	30	12	48	0	0
4	924	42.487	24	4	1	30	12	48	0	0
5	925	41.781	25	35	1	30	12	48	0	0
6	926	41.060	26	4		30	12	48	1	0
7	927	40.298	27	13	2	30	12	48	0	0
8	928	39.590	28	-70	2	30	12	48	0	0
9	929	38.638	29	18	2	30	12	48	0	0
10	930	37.598	30	11	1	30	12	48	0	0
11	931	36.854	31	9	1	30	12	48	0	0
12	932	36.155	32	46	1	30	12	48	0	0
13	933	35.236	33	62	1	30	12	48	0	0
14	934	34.544	34	18	1	30	12	48	0	0
15	935	33.936	35	-33	1	30	12	48	0	0
16	936	33.034	36	9	1	30	12	48	0	0
17	937	32.323	37	12	1	30	12	48	0	0
18	938	31.605	38	5	2	30	12	68	0	0
19	939	31.045	39	0	1	30	12	68	0	0
20	940	30.894	40	10	1	30	12	68	0	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 27 SHOT POINT 17 TEAM 6
 SHOT TIME: 289: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1001	157.143	224.9	101	23	2	30	12	48	0
2	1002	157.892	224.8	102	16	2	30	12	48	0
3	1003	158.576	224.6	103	3	2	30	12	48	0
4	1004	159.396	224.4	104	0	2	30	12	48	0
5	1005	160.204	224.5	105	35	1	30	12	48	0
6	1006	160.790	224.5	106	0	1	30	12	48	0
7	1007	161.620	224.4	107	11	1	30	12	48	0
8	1008	162.566	224.7	108	4	2	30	12	48	0
9	1009	163.205	224.4	109	7	2	30	12	48	0
10	1010	163.990	224.6	110	27	2	30	12	48	0
11	1011	164.657	224.4	111	54	2	30	12	48	0
12	1012	165.758	224.5	112	13	2	30	12	68	0
13	1013	166.609	224.6	113	-11	2	30	12	48	0
14	1014	167.301	224.6	114	6	2	30	12	68	0
15	1015	167.984	224.5	115	9	2	30	12	68	0
16	1016	168.803	224.6	116	40	1	30	12	88	0
17	1017	169.725	224.6	117	-12	2	30	12	88	0
18	1018	169.645	224.4	118	13	2	30	12	88	0
19	1019	170.285	224.8	119	7	2	30	12	68	0
20	1020	171.254	224.8	120	5	2	30	12	68	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 29 SHOT POINT 34 TEAM 5
 SHOT TIME: 289: 61 21 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	981	61.459	225.5	81	-22	2	30	12 68	0
2	982	62.104	224.8	82	-5	1	30	12 68	0
3	983	63.053	225.0	83	32	2	30	12 48	0
4	984	63.771	225.2	84	0	1	30	12 48	0
5	985	64.814	225.7	85	-19	2	30	12 48	0
6	986	65.481	225.8	86	-2	2	30	12 48	0
7	987	66.020	225.3	87	11	2	30	12 48	0
8	988	66.730	225.4	88	24	2	30	12 48	0
9	989	67.778	224.9	89	0	1	30	12 48	0
10	990	68.696	224.0	90	16	1	30	12 48	0
11	991	69.350	225.0	91	13	1	30	12 48	0
12	992	70.377	225.3	92	0	1	30	12 48	0
13	993	71.103	225.1	93	12	2	30	12 48	0
14	994	71.737	225.5	94	28	1	30	12 48	0
15	995	72.436	225.8	95	-4	2	30	12 48	0
16	996	73.246	226.2	96	0	2	30	12 48	0
17	997	74.046	226.2	97	6	1	30	12 48	0
18	998	74.730	226.1	98	-8	2	30	12 48	0
19	999	75.797	226.2	99	24	2	30	12 48	0
20	1000	76.710	226.2	100	18	2	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 5
 SHOT NUMBER 29 SHOT POINT 34 TEAM 6
 SHOT TIME: 289: 61 21 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1001	77.468	225.9	101	24	2	30	12 48	0
2	1002	78.131	225.7	102	18	2	30	12 48	0
3	1003	78.885	225.4	103	3	2	30	12 48	0
4	1004	79.635	224.9	104	0	2	30	12 48	0
5	1005	80.417	225.0	105	37	1	30	12 48	0
6	1006	81.006	225.2	106	0	1	30	12 48	0
7	1007	81.831	224.9	107	11	1	30	12 48	0
8	1008	82.789	225.4	108	4	2	30	12 48	0
9	1009	83.414	224.8	109	7	2	30	12 48	0
10	1010	84.211	225.4	110	29	2	30	12 48	0
11	1011	84.967	224.9	111	57	2	30	12 48	0
12	1012	85.374	225.1	112	14	2	30	12 68	0
13	1013	86.826	225.2	113	-12	2	30	12 48	0
14	1014	87.319	225.2	114	7	1	30	12 68	0
15	1015	88.201	225.1	115	9	1	30	12 68	0
16	1016	89.022	225.2	116	42	1	30	12 88	0
17	1017	89.945	225.3	117	-13	1	30	12 88	0
18	1018	89.856	224.8	118	14	2	30	12 88	0
19	1019	90.514	225.6	119	7	1	30	12 68	0
20	1020	91.482	225.6	120	6	2	30	12 68	0

DKDAT DATA TABLE

DEPLOYMENT 6
 SHOT NUMBER 6 SHOT POINT 4 TEAM 5
 SHOT TIME: 292: 6: 2: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1181	58.287	81	-24	1	30	12	48	0	0
2	1182	59.055	82	-6	1	30	12	48	0	0
3	1183	59.977	83	33	2	30	12	48	0	0
4	1184	60.879	84	0	2	30	12	48	0	0
5	1185	61.401	85	11	2	30	12	48	0	0
6	1186	62.354	86	-2	2	30	12	48	0	0
7	1187	63.064	87	12	2	30	12	48	32	0
8	1188	64.086	88	28	2	30	12	48	0	0
9	1189	64.634	89	0	2	30	12	48	0	0
10	1190	65.590	90	13	2	30	12	48	0	0
11	1191	66.372	91	13	2	30	12	48	0	0
12	1192	67.132	92	1	2	30	12	48	0	0
13	1193	67.827	93	15	2	30	12	48	0	0
14	1194	68.607	94	29	2	30	12	48	0	0
15	1195	69.477	95	0	2	30	12	48	0	0
16	1196	70.289	96	-5	2	30	12	48	0	0
17	1197	71.104	97	7	2	30	12	48	0	0
18	1198	71.857	98	9	2	30	12	48	0	0
19	1199	72.863	99	25	1	30	12	48	0	0
20	1200	73.525	100	18	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 6
 SHOT NUMBER 6 SHOT POINT 4 TEAM 6
 SHOT TIME: 292: 6: 2: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1201	74.090	101	55	2	30	12	48	0	0
2	1202	75.101	102	44	2	30	12	48	0	0
3	1203	75.779	103	18	1	30	12	48	0	0
4	1204	76.841	104	--	--	30	12	68	1	0
5	1205	77.543	105	83	1	30	12	68	0	0
6	1206	78.254	106	11	1	30	12	68	0	0
7	1207	79.065	107	107	2	30	12	88	0	0
8	1208	79.836	108	27	2	30	12	88	0	0
9	1209	79.921	109	26	1	30	12	88	0	0
10	1210	81.739	110	79	3	30	12	68	0	0
11	1211	84.405	111	126	1	30	12	68	0	0
12	1212	86.193	112	29	1	30	12	68	0	0
13	1213	87.315	113	-11	1	30	12	48	0	0
14	1214	88.630	114	21	1	30	12	48	0	0
15	1215	90.419	115	33	2	30	12	48	0	0
16	1216	91.675	116	91	1	30	12	48	0	0
17	1217	92.671	117	0	1	30	12	48	0	0
18	1218	93.552	118	57	1	30	12	48	0	0
19	1219	114.462	119	26	2	30	12	48	0	0
20	1220	116.217	120	24	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 18 TEAM 5
 SHOT NUMBER 7 SHOT POINT 18 TEAM 5
 SHOT TIME: 296: 4: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1381	59.863	32.7	81	-22	1	30	12 88	0	0
2	1382	60.667	32.8	82	-6	1	30	12 68	0	0
3	1383	61.426	32.9	83	26	2	30	12 68	0	0
4	1384	62.163	33.1	84	-4	2	30	12 68	0	0
5	1385	62.889	33.4	85	3	2	30	12 48	0	0
6	1386	63.564	32.8	86	0	2	30	12 48	0	0
7	1387	64.648	32.7	87	11	1	30	12 48	32	0
8	1388	65.372	33.0	88	24	2	30	12 48	0	0
9	1389	66.249	32.9	89	0	2	30	12 48	0	0
10	1390	67.038	32.8	90	7	2	30	12 48	0	0
11	1391	67.885	32.1	91	12	2	30	12 48	0	0
12	1392	68.709	32.7	92	0	2	30	12 48	0	0
13	1393	69.389	32.9	93	4	2	30	12 48	0	0
14	1394	69.855	32.8	94	24	2	30	12 48	0	0
15	1395	70.884	32.4	95	-7	2	30	12 48	0	0
16	1396	71.678	32.7	96	-9	2	30	12 48	0	0
17	1397	72.525	32.5	97	6	2	30	12 48	0	0
18	1398	73.152	32.4	98	-6	2	30	12 48	0	0
19	1399	73.964	32.4	99	23	2	30	12 48	0	0
20	1400	74.937	32.4	100	15	2	30	12 48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 1
 SHOT NUMBER 8 SHOT POINT 20 TEAM 1
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1301	68.048	213.7	1	16	2	30	12 48	0	0
2	1302	64.798	213.7	2	-2	2	30	12 48	0	0
3	1303	61.476	213.3	3	14	2	30	12 68	0	0
4	1304	59.557	213.4	4	-38	2	30	12 88	0	0
5	1305	58.743	213.1	5	20	2	30	12 88	0	0
6	1306	57.816	213.0	6	8	2	30	12 68	0	0
7	1307	57.207	213.0	7	-7	2	30	12 68	0	0
8	1308	56.310	212.8	8	9	2	30	12 48	0	0
9	1309	55.462	213.0	9	30	1	30	12 48	0	0
10	1310	54.712	213.4	10	-13	2	30	12 48	0	0
11	1311	54.182	213.9	11	-19	2	30	12 48	0	0
12	1312	53.242	213.6	12	15	2	30	12 48	0	0
13	1313	52.323	213.7	13	-3	2	30	12 48	0	0
14	1314	51.636	213.8	14	22	2	30	12 48	0	0
15	1315	50.879	214.0	15	-119	2	30	12 48	0	0
16	1316	50.135	214.1	16	-10	2	30	12 48	0	0
17	1317	49.185	214.3	17	31	2	30	12 48	0	0
18	1318	48.453	214.5	18	-15	2	30	12 48	0	0
19	1319	47.693	214.8	19	85	2	30	12 48	0	0
20	1320	46.697	215.2	20	-11	2	30	12 48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 18 TEAM 6
 SHOT NUMBER 7 SHOT POINT 18 TEAM 6
 SHOT TIME: 296: 4: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1401	75.545	32.3	101	22	2	30	12 48	0	0
2	1402	76.433	32.3	102	13	2	30	12 48	0	0
3	1403	77.466	31.9	103	6	2	30	12 48	0	0
4	1404	78.083	32.1	104	-2	2	30	12 48	0	0
5	1405	78.966	32.6	105	31	2	30	12 48	0	0
6	1406	79.374	32.8	106	-4	2	30	12 48	0	0
7	1407	80.577	32.8	107	31	2	30	12 48	0	0
8	1408	81.250	32.9	108	12	2	30	12 48	0	0
9	1409	82.109	32.8	109	4	2	30	12 48	0	0
10	1410	82.739	33.1	110	25	1	30	12 68	6	0
11	1411	83.742	33.0	111	46	1	30	12 68	1	0
12	1412	84.336	32.7	112	5	2	30	12 68	0	0
13	1413	85.025	33.3	113	-11	2	30	12 68	0	0
14	1414	85.609	32.9	114	0	2	30	12 88	0	0
15	1415	86.594	32.8	115	12	2	30	12 88	0	0
16	1416	87.263	33.1	116	31	2	30	12 88	0	0
17	1417	87.791	33.4	117	-18	1	30	12 68	0	0
18	1421	92.138	32.5	118	5	1	30	12 68	0	0
19	1419	89.548	33.1	119	11	2	30	12 68	0	0
20	1420	90.597	32.9	120	3	2	30	12 68	0	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 2
 SHOT NUMBER 8 SHOT POINT 20 TEAM 2
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1321	45.994	215.5	21	-19	2	30	12 48	0	0
2	1322	45.352	216.1	22	11	2	30	12 48	0	0
3	1323	44.644	216.6	23	23	1	30	12 48	0	0
4	1324	43.848	217.2	24	-5	1	30	12 48	0	0
5	1325	43.126	217.5	25	11	2	30	12 48	0	0
6	1326	42.371	217.4	26	5	2	30	12 48	0	0
7	1327	41.475	217.8	27	6	1	30	12 48	0	0
8	1328	40.882	218.4	28	-75	1	30	12 48	0	0
9	1329	40.002	218.5	29	12	2	30	12 48	0	0
10	1330	39.198	218.6	30	9	1	30	12 48	0	0
11	1331	38.314	219.1	31	10	1	30	12 48	0	0
12	1332	37.614	219.3	32	35	1	30	12 48	1	0
13	1333	36.616	218.3	33	43	2	30	12 48	0	0
14	1334	35.962	219.1	34	14	1	30	12 68	0	0
15	1335	35.340	219.6	35	-37	1	30	12 68	0	0
16	1336	34.251	220.0	36	3	1	30	12 88	0	0
17	1337	33.485	220.1	37	2	1	30	12 88	0	0
18	1338	32.954	219.1	38	2	2	30	12 88	0	0
19	1339	32.301	219.1	39	0	1	30	12 68	0	0
20	1340	31.623	219.2	40	7	1	30	12 48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 3
 SHOT NUMBER 8 SHOT POINT 20 TEAM 5
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1341	30.930	219.0	41	-21	1	30	12 68	0
2	1342	30.238	219.2	42	11	1	30	12 48	0
3	1343	29.390	219.4	43	12	1	30	12 48	0
4	1344	28.553	218.7	44	28	1	30	12 48	0
5	1345	27.643	219.0	45	1	2	30	12 48	0
6	1346	27.120	219.7	46	-3	2	30	12 48	0
7	1347	26.200	218.3	47	-9	1	30	12 48	0
8	1348	25.507	219.4	48	-3	2	30	12 48	0
9	1349	24.596	220.7	49	17	1	30	12 48	0
10	1350	23.513	221.1	50	-7	1	30	12 48	0
11	1351	22.465	220.0	51	15	1	30	12 48	0
12	1352	22.047	219.4	52	-9	1	30	12 48	0
13	1353	21.485	219.6	53	6	1	30	12 48	0
14	1354	20.644	218.2	54	-10	1	30	12 48	0
15	1355	19.887	217.6	55	4	1	30	12 48	0
16	1356	18.964	218.8	56	23	1	30	12 48	0
17	1357	18.121	219.9	57	15	1	30	12 48	0
18	1358	17.438	219.8	58	16	1	30	12 48	0
19	1359	16.515	220.3	59	-2	1	30	12 48	0
20	1360	15.832	218.3	60	-6	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 3
 SHOT NUMBER 8 SHOT POINT 20 TEAM 5
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1381	0.772	326.4	81	-22	3	30	12 88	0
2	1382	1.238	6.8	82	-6	3	30	12 68	0
3	1383	1.936	18.0	83	26	3	30	12 68	0
4	1384	2.620	27.1	84	-4	3	30	12 68	0
5	1385	3.332	35.0	85	3	3	30	12 48	0
6	1386	4.049	24.8	86	0	3	30	12 48	0
7	1387	5.136	25.5	87	11	3	30	12 48	32
8	1388	5.826	29.5	88	24	3	30	12 48	0
9	1389	6.713	28.6	89	0	3	30	12 48	0
10	1390	7.508	28.2	90	7	3	30	12 48	0
11	1391	8.437	23.6	91	12	3	30	12 48	0
12	1392	9.178	28.8	92	0	3	30	12 48	0
13	1393	9.848	29.8	93	4	3	30	12 48	0
14	1394	10.315	29.8	94	24	3	30	12 48	0
15	1395	11.375	27.7	95	-7	3	30	12 48	0
16	1396	12.144	29.5	96	-9	1	30	12 48	0
17	1397	12.804	28.7	97	6	1	30	12 48	0
18	1398	13.641	28.2	98	-6	1	30	12 48	0
19	1399	14.448	28.6	99	23	1	30	12 48	0
20	1400	15.425	28.5	100	15	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 6
 SHOT NUMBER 8 SHOT POINT 20 TEAM 6
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1401	16.025	29.0	101	22	3	30	12 48	0
2	1402	16.926	29.5	102	13	1	30	12 48	0
3	1403	17.973	27.9	103	6	1	30	12 48	0
4	1404	18.569	29.0	104	-2	1	30	12 48	0
5	1405	19.424	30.8	105	31	1	30	12 48	0
6	1406	19.821	32.0	106	-4	1	30	12 48	0
7	1407	21.026	31.8	107	31	1	30	12 48	0
8	1408	21.696	32.3	108	12	1	30	12 48	0
9	1409	22.557	32.0	109	4	1	30	12 48	0
10	1410	23.181	33.1	110	25	1	30	12 68	0
11	1411	24.185	32.8	111	46	1	30	12 68	1
12	1412	24.785	31.8	112	5	1	30	12 68	0
13	1413	25.467	33.8	113	-11	1	30	12 68	0
14	1414	26.053	32.5	114	0	1	30	12 88	0
15	1415	27.041	32.1	115	12	1	30	12 88	0
16	1416	27.706	33.1	116	31	1	30	12 88	0
17	1417	28.234	34.1	117	-18	1	30	12 68	0
18	1421	32.593	31.5	118	5	1	30	12 68	0
19	1419	29.990	33.1	119	11	1	30	12 68	0
20	1420	31.042	32.5	120	3	1	30	12 68	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 20 TEAM 4
 SHOT NUMBER 8 SHOT POINT 20 TEAM 4
 SHOT TIME: 296: 4: 2: 0.008

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1361	14.936	217.5	61	15	1	30	12 48	0
2	1362	14.303	214.2	62	7	1	30	12 48	0
3	1363	13.313	215.5	63	7	1	30	12 48	0
4	1364	12.610	214.4	64	26	1	30	12 48	0
5	1365	12.051	216.1	65	-8	1	30	12 48	0
6	1366	10.844	214.3	66	8	3	30	12 48	0
7	1367	10.114	215.4	67	-6	1	30	12 48	0
8	1368	9.337	214.6	68	-7	3	30	12 48	0
9	1369	8.518	215.1	69	1	3	30	12 48	0
10	1370	7.631	215.7	70	36	3	30	12 48	0
11	1371	6.936	215.7	71	7	3	30	12 48	0
12	1372	6.249	216.8	72	19	3	30	12 48	0
13	1373	5.892	221.1	73	-25	3	30	12 48	0
14	1374	4.702	227.9	74	1	3	30	12 48	0
15	1375	4.253	222.8	75	16	3	30	12 48	0
16	1376	3.197	222.6	76	1	3	30	12 48	0
17	1377	2.632	242.5	77	10	3	30	12 68	0
18	1378	1.651	245.1	78	-10	3	30	12 68	0
19	1379	0.994	265.6	79	13	3	30	12 88	0
20	1380	0.000	180.0	80	13	3	30	12 88	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 19 TEAM 1
 SHOT NUMBER 11 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1301	35.004	207.3	1	17	2	30	12	48	0
2	1302	31.773	206.7	2	-2	1	30	12	48	0
3	1303	28.541	205.0	3	15	1	30	12	68	0
4	1304	26.637	204.5	4	-41	1	30	12	88	0
5	1305	25.876	203.6	5	21	1	30	12	88	0
6	1306	24.975	203.1	6	8	1	30	12	68	0
7	1307	24.376	202.9	7	-7	1	30	12	68	0
8	1308	23.527	202.1	8	9	1	30	12	48	0
9	1309	22.663	202.1	9	32	1	30	12	48	0
10	1310	21.846	202.8	10	-13	1	30	12	48	0
11	1311	21.254	203.6	11	-20	1	30	12	48	0
12	1312	20.379	202.4	12	16	1	30	12	48	0
13	1313	19.461	202.1	13	-3	1	30	12	48	0
14	1314	18.768	202.0	14	24	1	30	12	48	0
15	1315	17.987	202.1	15	-127	1	30	12	48	0
16	1316	17.239	201.9	16	-10	1	30	12	48	0
17	1317	16.275	201.8	17	33	1	30	12	48	0
18	1318	15.525	201.8	18	-16	1	30	12	48	0
19	1319	14.737	202.0	19	90	1	30	12	48	0
20	1320	13.689	202.4	20	-12	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 19 TEAM 3
 SHOT NUMBER 11 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1341	2.661	56.6	41	-23	3	30	12	68	0
2	1342	3.296	50.6	42	11	3	30	12	48	0
3	1343	4.118	47.1	43	12	3	30	12	48	0
4	1344	5.004	49.8	44	30	3	30	12	48	0
5	1345	5.879	46.9	45	1	3	30	12	48	0
6	1346	6.364	43.1	46	-3	3	30	12	48	0
7	1347	7.355	47.8	47	-9	3	30	12	48	0
8	1348	7.981	43.3	48	-3	3	30	12	48	0
9	1349	8.881	39.3	49	18	3	30	12	48	0
10	1350	9.968	38.6	50	-7	3	30	12	48	0
11	1351	11.012	41.1	51	15	3	30	12	48	0
12	1352	11.437	42.2	52	-9	3	30	12	48	0
13	1353	11.996	41.7	53	7	3	30	12	48	0
14	1354	12.870	43.8	54	-11	3	30	12	48	0
15	1355	13.645	44.3	55	4	3	30	12	48	0
16	1356	14.527	42.3	56	25	1	30	12	48	0
17	1357	15.355	40.9	57	16	1	30	12	48	0
18	1358	16.039	40.9	58	17	1	30	12	48	0
19	1359	16.960	40.4	59	-2	1	30	12	48	0
20	1360	17.663	42.2	60	-7	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 19 TEAM 2
 SHOT NUMBER 11 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1321	12.952	202.8	21	-20	1	30	12	48	0
2	1322	12.220	204.3	22	12	3	30	12	48	0
3	1323	11.442	205.7	23	25	3	30	12	48	0
4	1324	10.582	207.1	24	-6	3	30	12	48	0
5	1325	9.834	207.6	25	12	3	30	12	48	0
6	1326	9.101	206.5	26	6	3	30	12	48	0
7	1327	8.169	207.2	27	7	3	30	12	48	0
8	1328	7.509	209.8	28	-80	3	30	12	48	0
9	1329	6.628	209.3	29	13	3	30	12	48	0
10	1330	5.824	208.7	30	9	3	30	12	48	0
11	1331	4.905	210.2	31	10	3	30	12	48	0
12	1332	4.188	211.0	32	37	3	30	12	48	1
13	1333	3.375	197.8	33	46	3	30	12	48	0
14	1334	2.605	202.3	34	15	3	30	12	68	0
15	1335	1.915	206.7	35	-39	3	30	12	68	0
16	1336	0.810	203.4	36	4	3	30	12	88	0
17	1337	0.122	135.1	37	2	2	30	12	88	0
18	1338	0.912	94.8	38	3	3	30	12	88	0
19	1339	1.362	71.5	39	0	3	30	12	68	0
20	1340	1.957	58.6	40	8	3	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 7 SHOT POINT 19 TEAM 4
 SHOT NUMBER 11 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1361	18.574	42.7	61	16	3	30	12	48	0
2	1362	19.318	44.9	62	7	1	30	12	48	0
3	1363	20.244	43.6	63	7	1	30	12	48	0
4	1364	20.976	43.9	64	28	1	30	12	48	0
5	1365	21.477	42.7	65	-9	1	30	12	48	0
6	1366	22.723	43.2	66	8	1	30	12	48	0
7	1367	23.415	42.5	67	-6	1	30	12	48	0
8	1368	24.204	42.6	68	-7	1	30	12	48	0
9	1369	25.006	42.1	69	1	1	30	12	48	0
10	1370	25.877	41.7	70	38	1	30	12	48	0
11	1371	26.569	41.6	71	7	1	30	12	48	0
12	1372	27.241	41.2	72	20	1	30	12	48	0
13	1373	27.583	40.2	73	-27	1	30	12	48	0
14	1374	28.820	39.1	74	1	1	30	12	48	0
15	1375	29.226	40.0	75	17	1	30	12	48	0
16	1376	30.280	40.1	76	1	1	30	12	48	0
17	1377	31.051	38.5	77	11	2	30	12	68	0
18	1378	31.981	39.1	78	-10	1	30	12	68	0
19	1379	32.781	39.1	79	14	1	30	12	88	0
20	1380	33.475	40.3	80	14	1	30	12	88	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 11 SHOT POINT 19 TEAM 5
 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1381	33.695	81	-24	1	30	12	88	32	0
2	1382	34.512	82	-6	1	30	12	68	0	0
3	1383	35.272	83	28	1	30	12	68	0	0
4	1384	36.029	84	-4	1	30	12	68	0	0
5	1385	36.793	85	4	1	30	12	48	0	0
6	1386	37.390	86	0	1	30	12	48	0	0
7	1387	38.459	87	11	1	30	12	48	32	0
8	1388	39.211	88	25	1	30	12	48	0	0
9	1389	40.068	89	0	1	30	12	48	0	0
10	1390	40.843	90	8	1	30	12	48	0	0
11	1391	41.621	91	13	2	30	12	48	0	0
12	1392	42.502	92	-2	2	30	12	48	0	0
13	1393	43.191	93	4	2	30	12	48	0	0
14	1394	43.653	94	26	2	30	12	48	0	0
15	1395	44.638	95	-7	2	30	12	48	0	0
16	1396	45.455	96	-10	2	30	12	48	0	0
17	1397	46.083	97	7	2	30	12	48	0	0
18	1398	46.894	98	-6	1	30	12	48	0	0
19	1399	47.707	99	24	2	30	12	48	0	0
20	1400	48.670	100	16	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 1
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1301	95.660	1	17	2	30	12	48	0	0
2	1302	92.411	2	-2	2	30	12	48	0	0
3	1303	89.093	3	15	2	30	12	68	0	0
4	1304	87.175	4	-41	2	30	12	88	0	0
5	1305	86.362	5	21	2	30	12	88	0	0
6	1306	85.436	6	8	2	30	12	68	0	0
7	1307	84.827	7	-7	2	30	12	68	0	0
8	1308	83.931	8	9	2	30	12	48	0	0
9	1309	83.083	9	32	2	30	12	48	0	0
10	1310	82.331	10	-13	1	30	12	48	0	0
11	1311	81.798	11	-20	2	30	12	48	0	0
12	1312	80.860	12	16	2	30	12	48	0	0
13	1313	79.973	13	-3	2	30	12	48	0	0
14	1314	79.286	14	24	2	30	12	48	0	0
15	1315	78.527	15	-127	2	30	12	48	0	0
16	1316	77.783	16	-10	2	30	12	48	0	0
17	1317	76.831	17	33	2	30	12	48	0	0
18	1318	76.098	18	-16	2	30	12	48	0	0
19	1319	75.335	19	90	2	30	12	48	0	0
20	1320	74.335	20	-12	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 11 SHOT POINT 19 TEAM 6
 SHOT TIME: 296: 6: 0: 0.185

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1401	49.284	101	24	1	30	12	48	0	0
2	1402	50.198	102	13	2	30	12	48	0	0
3	1403	51.169	103	6	1	30	12	48	0	0
4	1404	51.804	104	-2	2	30	12	48	0	0
5	1405	52.726	105	33	2	30	12	48	0	0
6	1406	53.160	106	-5	1	30	12	48	0	0
7	1407	54.354	107	33	2	30	12	48	0	0
8	1408	55.037	108	12	2	30	12	48	0	0
9	1409	55.884	109	4	1	30	12	68	0	0
10	1410	56.544	110	26	2	30	12	68	0	0
11	1411	57.535	111	48	2	30	12	68	1	0
12	1412	58.098	112	5	2	30	12	68	0	0
13	1413	58.845	113	-12	2	30	12	68	0	0
14	1414	59.389	114	0	1	30	12	88	0	0
15	1415	60.358	115	12	2	30	12	88	0	0
16	1416	61.057	116	33	2	30	12	88	0	0
17	1417	61.616	117	-19	2	30	12	68	0	0
18	1421	65.866	118	5	1	30	12	68	0	0
19	1419	63.333	119	12	1	30	12	68	0	0
20	1420	64.364	120	4	1	30	12	68	0	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 2
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1321	73.628	21	-20	2	30	12	48	0	0
2	1322	72.977	22	12	2	30	12	48	0	0
3	1323	72.259	23	25	1	30	12	48	0	0
4	1324	71.452	24	-6	2	30	12	48	0	0
5	1325	70.724	25	12	2	30	12	48	0	0
6	1326	69.971	26	6	2	30	12	48	0	0
7	1327	69.067	27	7	2	30	12	48	0	0
8	1328	68.458	28	-80	2	30	12	48	0	0
9	1329	67.576	29	13	2	30	12	48	0	0
10	1330	66.770	30	9	2	30	12	48	0	0
11	1331	65.874	31	10	2	30	12	48	0	0
12	1332	65.167	32	37	2	30	12	48	1	0
13	1333	64.199	33	46	2	30	12	68	0	0
14	1334	63.525	34	15	2	30	12	68	0	0
15	1335	62.886	35	-39	2	30	12	68	0	0
16	1336	61.789	36	4	1	30	12	88	0	0
17	1337	61.018	37	2	1	30	12	88	0	0
18	1338	60.520	38	3	2	30	12	88	0	0
19	1339	59.867	39	0	2	30	12	68	0	0
20	1340	59.186	40	8	2	30	12	48	0	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 3
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1341	58.501	216.2	41	-23	2	30	12 68	0
2	1342	57.803	216.3	42	11	1	30	12 48	0
3	1343	56.951	216.4	43	12	2	30	12 48	0
4	1344	56.134	215.9	44	30	1	30	12 48	0
5	1345	55.218	216.0	45	1	2	30	12 48	0
6	1346	54.677	216.4	46	-3	2	30	12 48	0
7	1347	53.794	215.6	47	-9	2	30	12 48	0
8	1348	53.075	216.1	48	-3	2	30	12 48	0
9	1349	52.128	216.7	49	18	2	30	12 48	0
10	1350	51.037	216.8	50	-7	2	30	12 48	0
11	1351	50.024	216.2	51	15	2	30	12 48	0
12	1352	49.622	215.9	52	-9	1	30	12 48	0
13	1353	49.056	215.9	53	7	1	30	12 48	0
14	1354	48.246	215.3	54	-11	1	30	12 48	0
15	1355	47.500	215.0	55	4	1	30	12 48	0
16	1356	46.557	215.4	56	25	2	30	12 48	0
17	1357	45.692	215.8	57	16	2	30	12 48	0
18	1358	45.013	215.7	58	17	1	30	12 48	0
19	1359	44.083	215.8	59	-2	2	30	12 48	0
20	1360	43.441	215.0	60	-7	2	30	12 48	0

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 5
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1381	27.354	214.6	81	-24	1	30	12 88	0
2	1382	26.547	214.3	82	-6	1	30	12 68	0
3	1383	25.787	214.2	83	28	1	30	12 68	0
4	1384	25.047	213.7	84	-4	1	30	12 68	0
5	1385	24.322	212.9	85	4	1	30	12 68	0
6	1386	23.652	214.5	86	0	1	30	12 48	0
7	1387	22.570	214.8	87	11	1	30	12 48	32
8	1388	21.839	214.1	88	25	1	30	12 48	0
9	1389	20.966	214.6	89	0	1	30	12 48	0
10	1390	20.180	214.9	90	8	1	30	12 48	0
11	1391	19.379	217.2	91	13	1	30	12 48	0
12	1392	18.513	215.3	92	-2	1	30	12 48	0
13	1393	17.828	215.0	93	4	1	30	12 48	0
14	1394	17.363	215.1	94	26	1	30	12 48	0
15	1395	16.362	216.9	95	-7	1	30	12 48	0
16	1396	15.550	216.0	96	-10	1	30	12 48	0
17	1397	14.918	216.9	97	7	1	30	12 48	0
18	1398	14.108	217.9	98	-6	1	30	12 48	0
19	1399	13.294	218.0	99	24	1	30	12 48	0
20	1400	12.337	218.9	100	16	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 4
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1361	42.538	214.6	61	16	1	30	12 48	0
2	1362	41.952	213.5	62	7	2	30	12 48	0
3	1363	40.956	213.9	63	7	1	30	12 48	0
4	1364	40.259	213.5	64	28	2	30	12 48	0
5	1365	39.689	214.0	65	-9	2	30	12 48	0
6	1366	38.494	213.4	66	8	1	30	12 48	0
7	1367	37.759	213.7	67	-6	2	30	12 48	0
8	1368	36.985	213.5	68	-7	1	30	12 48	0
9	1369	36.165	213.6	69	1	1	30	12 48	0
10	1370	35.275	213.7	70	38	2	30	12 48	0
11	1371	34.581	213.6	71	7	1	30	12 48	0
12	1372	33.890	213.8	72	20	1	30	12 48	0
13	1373	33.495	214.5	73	-27	2	30	12 48	0
14	1374	32.218	215.2	74	1	1	30	12 48	0
15	1375	31.851	214.4	75	17	1	30	12 48	0
16	1376	30.808	214.1	76	1	1	30	12 48	0
17	1377	29.971	215.6	77	11	2	30	12 68	0
18	1378	29.064	214.8	78	-10	1	30	12 68	0
19	1379	28.267	214.7	79	14	1	30	12 88	0
20	1380	27.651	213.1	80	14	1	30	12 88	0

DKDAT DATA TABLE

DEPLOYMENT 7
 SHOT NUMBER 12 SHOT POINT 21 TEAM 6
 SHOT TIME: 296: 6: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE
1	1401	11.721	218.7	101	24	3	30	12 48	0
2	1402	10.807	218.7	102	13	1	30	12 48	0
3	1403	9.881	222.5	103	6	3	30	12 48	0
4	1404	9.225	221.4	104	-2	3	30	12 48	0
5	1405	8.277	218.4	105	33	3	30	12 48	0
6	1406	7.843	215.9	106	-5	3	30	12 48	0
7	1407	6.646	217.1	107	33	3	30	12 48	0
8	1408	5.965	215.9	108	12	3	30	12 48	0
9	1409	5.117	218.0	109	4	3	30	12 48	0
10	1410	4.471	212.8	110	27	3	30	12 68	1
11	1411	3.468	214.9	111	48	3	30	12 68	0
12	1412	2.923	223.8	112	5	3	30	12 68	0
13	1413	2.213	204.4	113	-12	3	30	12 68	0
14	1414	1.616	221.4	114	0	3	30	12 88	0
15	1415	0.757	248.9	115	12	3	30	12 88	0
16	1416	0.067	69.5	116	33	3	30	12 88	0
17	1417	0.787	76.0	117	-19	3	30	12 68	0
18	1421	5.010	22.9	118	5	1	30	12 68	0
19	1419	2.338	33.3	119	12	3	30	12 68	0
20	1420	3.399	28.6	120	4	3	30	12 68	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 13 SHOT POINT 6 TEAM 3
 SHOT TIME: 299: 3: 0: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1541	79.734	41	-23	2	30	12	48		
2	1542	80.901	42	13	2	30	12	48		
3	1543	82.126	43	13	1	30	12	48		
4	1544	82.843	44	28	1	30	12	48		
5	1545	84.084	45	3	2	30	12	48		0
6	1546	85.247	46	19	2	30	12	48		
7	1547	86.168	47	0	2	30	12	48		
8	1548	87.181	48	11	2	30	12	48		
9	1549	88.303	49	19	1	30	12	48		
10	1550	89.512	50	-2	1	30	12	48		
11	1551	90.434	51	22	2	30	12	48		
12	1552	91.687	52	0	1	30	12	48		
13	1553	93.043	53	10	1	30	12	48		
14	1554	93.857	54	-7	1	30	12	48		
15	1555	95.142	55	10	2	30	12	68		
16	1556	96.359	56	27	2	30	12	68		
17	1557	97.314	57	23	2	30	12	68		
18	1558	98.430	58	17	2	30	12	68		
19	1559	99.607	59	1	2	30	12	48		
20	1560	100.993	60	-4	2	30	12	48		

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 13 SHOT POINT 6 TEAM 1
 SHOT TIME: 299: 3: 0: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1501	36.652	84.9	1	-86	2	30	12	88	0
2	1502	37.570	85.3	2	15	1	30	12	88	0
3	1503	38.506	85.1	3	13	1	30	12	68	0
4	1504	40.542	85.7	4	-12	1	30	12	68	0
5	1505	41.500	85.5	5	20	1	30	12	48	0
6	1506	42.538	85.7	6	11	1	30	12	48	0
7	1507	43.293	85.4	7	2	1	30	12	48	0
8	1508	44.163	85.8	8	22	1	30	12	48	1
9	1509	45.450	85.6	9	48	2	30	12	48	0
10	1510	46.781	85.3	10	8	1	30	12	48	0
11	1511	48.118	84.5	11	-2	1	30	12	48	0
12	1512	48.822	83.7	12	19	2	30	12	48	0
13	1513	50.337	83.5	13	7	1	30	12	48	0
14	1514	50.940	84.4	14	31	2	30	12	48	0
15	1515	52.308	83.8	15	-89	2	30	12	48	0
16	1516	53.722	84.7	16	-9	2	30	12	48	0
17	1517	55.115	84.3	17	30	2	30	12	48	0
18	1518	55.516	83.7	18	-24	2	30	12	48	0
19	1519	56.635	82.8	19	40	1	30	12	48	0
20	1520	57.821	82.3	20	2	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 13 SHOT POINT 6 TEAM 4
 SHOT TIME: 299: 3: 0: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1561	101.957	61	16	1	30	12	48		
2	1562	102.979	62	3	1	30	12	48		
3	1563	104.144	63	10	2	30	12	48		
4	1564	105.314	64	28	2	30	12	48		
5	1565	106.303	65	1	2	30	12	48		
6	1566	107.362	66	14	2	30	12	48		
7	1567	108.490	67	12	2	30	12	48		
8	1568	109.504	68	5	2	30	12	48		
9	1569	110.600	69	2	2	30	12	48		
10	1570	112.179	70	45	1	30	12	48		
11	1571	113.216	71	28	1	30	12	48		
12	1572	114.170	72	22	2	30	12	48		
13	1573	114.807	73	-26	2	30	12	48		
14	1574	116.415	74	3	2	30	12	48		
15	1575	117.476	75	19	3	30	12	48		
16	1576	118.500	76	3	1	30	12	48		
17	1577	119.544	77	12	1	30	12	48		
18	1578	120.747	78	-5	2	30	12	48		
19	1579	121.704	79	25	2	30	12	48		
20	1580	122.782	80	16	2	30	12	48		

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 13 SHOT POINT 6 TEAM 2
 SHOT TIME: 299: 3: 0: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1521	58.730	81.4	21	-10	1	30	12	68	0
2	1522	59.937	81.7	22	8	3	30	12	68	1
3	1523	61.275	81.9	23	17	1	30	12	88	0
4	1524	62.036	82.6	24	2	2	30	12	88	0
5	1525	63.417	81.8	25	13	2	30	12	68	0
6	1526	64.681	82.0	26	3	2	30	12	48	0
7	1527	65.608	81.8	27	5	2	30	12	48	0
8	1528	66.529	81.5	28	-6	2	30	12	48	0
9	1529	67.797	81.7	29	9	2	30	12	48	0
10	1530	68.688	81.2	30	4	1	30	12	48	0
11	1531	69.676	80.8	31	5	1	30	12	48	0
12	1532	70.737	80.7	32	21	1	30	12	48	1
13	1533	71.720	80.9	33	28	1	30	12	48	0
14	1534	72.339	80.9	34	9	1	30	12	48	0
15	1535	74.208	80.8	35	-15	1	30	12	48	0
16	1536	74.575	81.2	36	4	2	30	12	48	0
17	1537	75.599	81.1	37	5	2	30	12	48	0
18	1538	76.657	81.0	38	1	2	30	12	48	0
19	1539	77.734	80.6	39	2	1	30	12	48	0
20	1540	79.036	79.9	40	5	1	30	12	48	0

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 13 Shot point 6 Team 5
 Shot time: 299: 3: 0: 0.006

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade	
1	1581	123.788	81	-23	2	30	12	68	0	
2	1582	124.970	82	-4	1	30	12	68	0	
3	1583	126.171	79.4	83	28	2	30	12	68	0
4	1584	127.272	79.5	84	0	2	30	12	68	0
5	1585	128.092	79.5	85	15	2	30	12	68	0
6	1586	129.895	79.8	86	0	1	30	12	48	0
7	1587	130.778	79.9	87	14	1	30	12	48	0
8	1588	131.832	79.8	88	24	1	30	12	48	0
9	1589	132.707	79.9	89	0	2	30	12	48	0
10	1590	133.841	80.0	90	10	1	30	12	48	0
11	1591	135.303	80.1	91	13	1	30	12	48	0
12	1592	136.220	80.0	92	0	2	30	12	48	0
13	1593	137.340	80.1	93	9	2	30	12	48	0
14	1594	138.563	80.1	94	25	2	30	12	48	0
15	1595	139.885	80.1	95	-2	3	30	12	48	0
16	1596	140.845	79.7	96	-2	1	30	12	48	0
17	1597	141.883	79.3	97	6	2	30	12	48	0
18	1598	142.852	79.0	98	-8	1	30	12	48	0
19	1599	143.818	78.8	99	23	2	30	12	48	0
20	1600	145.196	78.5	100	16	1	30	12	48	1

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 14 SHOT POINT 24 TEAM 1
 SHOT TIME: 299: 3: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE	
1	1501	60.005	258.8	1	-86	1	30	12	88	0
2	1502	59.123	258.5	2	15	1	30	12	88	0
3	1503	58.181	258.5	3	13	1	30	12	68	0
4	1504	56.211	257.9	4	-12	2	30	12	68	0
5	1505	55.241	257.9	5	20	1	30	12	48	0
6	1506	54.235	257.6	6	11	1	30	12	48	0
7	1507	53.463	257.6	7	2	1	30	12	48	0
8	1508	52.637	257.3	8	22	1	30	12	48	1
9	1509	51.346	257.2	9	48	2	30	12	48	0
10	1510	49.994	257.2	10	8	1	30	12	48	0
11	1511	48.584	257.7	11	-2	1	30	12	48	0
12	1512	47.806	258.5	12	19	2	30	12	48	0
13	1513	46.278	258.6	13	7	1	30	12	48	0
14	1514	45.766	257.5	14	31	2	30	12	48	0
15	1515	44.348	257.9	15	-89	2	30	12	48	0
16	1516	43.049	256.7	16	-9	2	30	12	48	0
17	1517	41.608	257.0	17	30	2	30	12	48	0
18	1518	41.141	257.7	18	-24	2	30	12	48	0
19	1519	39.943	258.8	19	41	2	30	12	48	0
20	1520	38.730	259.4	20	2	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 14 SHOT POINT 24 TEAM 2
 SHOT TIME: 299: 3: 2: 0.009

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade	
1	1601	146.677	77.9	101	24	1	30	12	48	0
2	1602	147.576	78.0	102	16	2	30	12	48	0
3	1603	148.471	77.8	103	5	2	30	12	48	0
4	26	159.515	78.3	121	0	2	30	12	88	34
5	1605	150.923	77.2	105	35	2	30	12	48	0
6	1606	152.165	77.2	106	0	2	30	12	48	0
7	1607	153.184	77.5	107	42	2	30	12	48	0
8	1608	154.212	77.8	108	7	2	30	12	68	0
9	1609	155.474	77.8	109	7	1	30	12	68	0
10	1610	156.429	77.7	110	27	2	30	12	68	0
11	1611	157.875	77.5	111	55	2	30	12	88	0
12	1612	158.885	77.8	112	11	2	30	12	88	0
13	1613	160.749	77.8	113	-11	2	30	12	68	0
14	1616	164.676	77.4	114	4	2	30	12	48	0
15	1617	169.696	76.9	115	11	2	30	12	48	0
16	1618	174.054	76.5	116	1	2	30	12	48	0
17	1619	177.772	76.3	117	-11	2	30	12	48	0
18	1620	180.211	75.8	118	13	2	30	12	48	0
19	24	96.507	80.7	119	7	1	30	12	88	34
20	25	126.990	78.6	120	6	1	30	12	88	34

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 14 Shot point 24 Team 5
 Shot time: 299: 3: 2: 0.009

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1581	27.885	81	-23	1	30	12	68	0
2	1582	29.065	82	-4	1	30	12	68	0
3	1583	30.228	83	28	1	30	12	68	0
4	1584	31.296	84	0	1	30	12	68	0
5	1585	32.114	85	15	1	30	12	68	0
6	1586	33.825	86	0	1	30	12	48	0
7	1587	34.738	87	14	1	30	12	48	0
8	1588	35.795	88	24	1	30	12	48	0
9	1589	36.658	89	0	1	30	12	48	0
10	1590	37.787	90	10	1	30	12	48	0
11	1591	39.237	91	13	1	30	12	48	0
12	1592	40.167	92	0	1	30	12	48	0
13	1593	41.283	93	9	1	30	12	48	0
14	1594	42.504	94	25	1	30	12	48	0
15	1595	43.831	95	-2	1	30	12	48	0
16	1596	44.847	96	-2	3	30	12	48	0
17	1597	45.943	97	6	1	30	12	48	0
18	1598	46.968	98	-8	1	30	12	48	0
19	1599	47.987	99	23	3	30	12	48	0
20	1600	49.430	100	16	1	30	12	48	1

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 14 SHOT POINT 24 TEAM 3
 SHOT TIME: 299: 3: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE	
1	1541	16.818	265.1	41	-23	1	30	12	48	0
2	1542	15.446	266.1	42	13	3	30	12	48	6
3	1543	14.279	268.4	43	13	3	30	12	48	0
4	1544	13.738	272.6	44	28	3	30	12	48	0
5	1545	12.925	279.5	45	3	3	30	12	48	0
6	1546	11.921	282.4	46	19	1	30	12	48	0
7	1547	11.248	286.0	47	0	1	30	12	48	0
8	1548	10.437	289.3	48	11	3	30	12	48	0
9	1549	9.543	293.3	49	19	3	30	12	48	0
10	1550	8.425	296.7	50	-2	3	30	12	48	0
11	1551	7.436	298.5	51	22	3	30	12	48	0
12	1552	6.088	301.6	52	0	3	30	12	48	0
13	1553	4.777	308.2	53	0	3	30	12	48	0
14	1554	3.296	304.2	54	-7	3	30	12	48	0
15	1555	1.797	313.1	55	10	3	30	12	68	0
16	1556	0.857	359.0	56	27	3	30	12	88	1
17	1557	1.639	32.0	57	23	3	30	12	68	0
18	1558	2.463	54.1	58	17	3	30	12	68	0
19	1559	3.510	65.2	59	-1	3	30	12	48	0
20	1560	4.837	71.2	60	-4	3	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 14 SHOT POINT 24 TEAM 4
 SHOT TIME: 299: 3: 2: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE	
1	1561	5.750	76.5	61	16	3	30	12	48	0
2	1562	6.755	82.1	62	3	3	30	12	48	0
3	1563	7.922	81.3	63	10	3	30	12	48	0
4	1564	9.096	81.2	64	28	3	30	12	48	0
5	1565	10.088	80.7	65	1	1	30	12	48	0
6	1566	11.152	80.1	66	14	2	30	12	48	0
7	1567	12.285	79.9	67	12	3	30	12	48	0
8	1568	13.301	79.9	68	5	3	30	12	48	0
9	1569	14.398	80.8	69	2	1	30	12	48	0
10	1570	15.984	80.2	70	45	3	30	12	48	0
11	1571	17.026	79.9	71	28	3	30	12	48	0
12	1572	17.984	79.8	72	23	1	30	12	48	0
13	1573	18.628	79.2	73	-26	1	30	12	48	0
14	1574	20.239	79.4	74	3	3	30	12	48	0
15	1575	21.336	77.5	75	19	1	30	12	48	0
16	1576	22.403	76.0	76	3	3	30	12	48	0
17	1577	23.484	75.1	77	12	1	30	12	48	0
18	1578	24.730	74.3	78	-5	1	30	12	48	0
19	1579	25.711	73.9	79	25	1	30	12	48	0
20	1580	26.844	73.1	80	16	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 15 SHOT POINT 26 TEAM 1
 SHOT TIME: 299: 31: 4: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1501	122.838	257.3	1	-86	2	30	12 88	0
2	1502	121.971	257.1	2	15	1	30	12 88	0
3	1503	121.032	257.1	3	13	1	30	12 68	0
4	1504	119.086	256.8	4	-12	2	30	12 68	0
5	1505	118.118	256.8	5	20	2	30	12 48	0
6	1506	117.123	256.6	6	11	1	30	12 48	0
7	1507	116.351	256.6	7	2	2	30	12 48	0
8	1508	115.536	256.4	8	22	2	30	12 48	1
9	1509	114.250	256.4	9	48	2	30	12 48	0
10	1510	112.901	256.4	10	8	2	30	12 48	0
11	1511	111.485	256.6	11	-2	1	30	12 48	0
12	1512	110.692	256.9	12	19	2	30	12 48	0
13	1513	109.166	256.9	13	7	1	30	12 48	0
14	1514	108.681	256.5	14	31	2	30	12 48	0
15	1515	107.259	256.7	15	-89	1	30	12 48	0
16	1516	105.984	256.1	16	-9	2	30	12 48	0
17	1517	104.543	256.3	17	30	2	30	12 48	0
18	1518	104.067	256.5	18	-24	2	30	12 48	0
19	1519	102.847	256.9	19	41	1	30	12 48	0
20	1520	101.622	257.1	20	2	2	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 15 SHOT POINT 26 TEAM 3
 SHOT TIME: 299: 31: 4: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1541	79.851	257.7	41	-23	2	30	12 48	0
2	1542	78.457	257.8	42	13	2	30	12 48	0
3	1543	77.207	258.1	43	13	1	30	12 48	0
4	1544	76.461	258.7	44	28	1	30	12 48	0
5	1545	75.212	259.7	45	3	2	30	12 48	0
6	1546	74.049	259.9	46	19	2	30	12 48	0
7	1547	73.135	260.2	47	0	2	30	12 48	0
8	1548	72.124	260.4	48	11	2	30	12 48	0
9	1549	71.003	260.5	49	19	2	30	12 48	32
10	1550	69.783	260.3	50	-2	1	30	12 48	0
11	1551	68.848	260.0	51	22	1	30	12 48	0
12	1552	67.585	259.5	52	0	1	30	12 48	0
13	1553	66.227	259.0	53	10	2	30	12 48	0
14	1554	65.444	257.9	54	-7	1	30	12 48	0
15	1555	64.204	257.1	55	10	2	30	12 68	0
16	1556	63.029	256.5	56	27	2	30	12 85	1
17	1557	62.045	256.8	57	23	2	30	12 68	0
18	1558	60.938	256.6	58	17	2	30	12 68	0
19	1559	59.775	256.4	59	1	1	30	12 48	0
20	1560	58.402	256.1	60	-4	2	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 15 SHOT POINT 26 TEAM 2
 SHOT TIME: 299: 31: 4: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1521	100.630	257.6	21	-10	1	30	12 68	0
2	1522	99.457	257.4	22	8	2	30	12 68	1
3	1523	98.145	257.2	23	17	2	30	12 88	0
4	1524	97.467	256.8	24	2	1	30	12 88	0
5	1525	96.011	257.2	25	13	2	30	12 68	0
6	1526	94.777	257.0	26	3	2	30	12 48	0
7	1527	93.829	257.1	27	5	2	30	12 48	0
8	1528	92.893	257.2	28	-6	2	30	12 48	0
9	1529	91.648	257.0	29	9	2	30	12 48	0
10	1530	90.713	257.3	30	4	1	30	12 48	0
11	1531	89.692	257.6	31	5	1	30	12 48	0
12	1532	88.627	257.7	32	21	2	30	12 48	1
13	1533	87.665	257.5	33	28	2	30	12 48	0
14	1534	87.047	257.5	34	10	1	30	12 48	0
15	1535	85.184	257.4	35	-15	1	30	12 48	0
16	1536	84.862	257.1	36	4	2	30	12 48	0
17	1537	83.825	257.2	37	5	2	30	12 48	0
18	1538	82.767	257.2	38	1	2	30	12 48	0
19	1539	81.651	257.5	39	2	2	30	12 48	0
20	1540	80.305	258.1	40	5	2	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 15 SHOT POINT 26 TEAM 4
 SHOT TIME: 299: 31: 4: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1561	57.475	255.7	61	16	1	30	12 48	0
2	1562	56.520	255.0	62	3	1	30	12 48	0
3	1563	55.347	255.0	63	10	1	30	12 48	0
4	1564	54.179	254.9	64	28	2	30	12 48	0
5	1565	53.184	254.8	65	1	1	30	12 48	0
6	1566	52.116	254.8	66	14	1	30	12 48	32
7	1567	50.983	254.8	67	12	2	30	12 48	0
8	1568	49.972	254.7	68	5	2	30	12 48	0
9	1569	48.903	254.3	69	2	2	30	12 48	0
10	1570	47.311	254.3	70	45	1	30	12 48	0
11	1571	46.266	254.2	71	28	1	30	12 48	0
12	1572	45.307	254.2	72	23	1	30	12 48	0
13	1573	44.648	254.3	73	-26	1	30	12 48	0
14	1574	43.051	254.1	74	3	1	30	12 48	0
15	1575	41.906	254.9	75	19	1	30	12 48	0
16	1576	40.822	255.6	76	3	3	30	12 48	0
17	1577	39.741	256.1	77	12	1	30	12 48	0
18	1578	38.504	256.7	78	-5	1	30	12 48	0
19	1579	37.531	257.0	79	25	1	30	12 48	0
20	1580	36.426	257.8	80	16	1	30	12 48	0

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 15 Shot point 26 Team 5
 Shot time: 299: 3: 4: 0.007

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1561	35.407	258.2	81	-23	1	30	12 68	0
2	1582	34.221	258.2	82	-4	1	30	12 68	0
3	1583	33.028	257.6	83	28	1	30	12 68	0
4	1584	31.940	257.0	84	0	1	30	12 68	0
5	1585	31.119	256.9	85	15	1	30	12 68	0
6	1586	29.400	255.5	86	0	1	30	12 48	0
7	1587	28.491	255.1	87	14	1	30	12 48	0
8	1588	27.436	254.9	88	24	3	30	12 48	0
9	1589	26.585	254.3	89	0	1	30	12 48	0
10	1590	25.467	253.8	90	10	1	30	12 48	0
11	1591	24.046	252.8	91	13	3	30	12 48	0
12	1592	23.104	253.0	92	0	1	30	12 48	0
13	1593	22.007	252.4	93	9	1	30	12 48	0
14	1594	20.808	251.6	94	25	1	30	12 48	0
15	1595	19.487	251.3	95	-2	3	30	12 48	0
16	1596	18.394	253.9	96	-2	3	30	12 48	0
17	1597	17.282	256.3	97	6	1	30	12 48	0
18	1598	16.281	258.7	98	-8	3	30	12 48	0
19	1599	15.316	261.0	99	23	1	30	12 48	0
20	1600	13.980	264.2	100	16	1	30	12 48	1

Shot number 15 Shot point 26 Team 6
 Shot time: 299: 3: 4: 0.007

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1601	12.880	264.1	101	24	3	30	12 48	0
2	1602	11.963	263.1	102	16	1	30	12 48	0
3	1603	11.145	267.1	103	5	3	30	12 48	0
4	26	0.002	316.5	121	0	3	30	12 88	0
5	1605	9.135	279.0	105	35	3	30	12 48	0
6	1606	7.908	280.8	106	0	3	30	12 48	0
7	1607	6.700	278.4	107	42	3	30	12 48	0
8	1608	5.479	274.0	108	7	3	30	12 68	0
9	1609	4.256	277.7	109	7	3	30	12 68	0
10	1610	3.478	286.9	110	27	3	30	12 68	0
11	1611	2.692	311.8	111	55	3	30	12 88	0
12	1612	1.590	326.1	112	11	3	30	12 88	0
13	1613	1.970	28.2	113	-11	3	30	12 68	0
14	1616	5.727	53.5	114	4	3	30	12 48	0
15	1617	10.959	57.3	115	11	3	30	12 48	0
16	1618	15.437	59.1	116	1	1	30	12 48	0
17	1619	13.197	60.7	117	-11	3	30	12 48	6
18	1620	21.963	58.9	118	13	3	30	12 48	0
19	24	63.222	256.0	119	7	1	30	12 88	34
20	25	32.534	256.5	120	7	1	30	12 88	34

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 17 SHOT POINT 22 TEAM 1
 SHOT TIME: 299: 5:30: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1501	0.985	281.0	1	-94	3	30	12 88	0
2	1502	0.035	294.5	2	16	3	30	12 88	0
3	1503	0.914	97.6	3	14	3	30	12 68	0
4	1504	2.951	90.1	4	-13	3	30	12 68	0
5	1505	3.900	86.8	5	21	3	30	12 48	0
6	1506	4.943	88.4	6	12	3	30	12 48	0
7	1507	5.693	86.2	7	2	3	30	12 48	0
8	1508	6.570	88.2	8	24	1	30	12 48	1
9	1509	7.852	86.9	9	52	1	30	12 48	0
10	1510	9.181	85.2	10	9	3	30	12 48	0
11	1511	10.535	81.8	11	-2	1	30	12 48	0
12	1512	11.289	78.4	12	21	3	30	12 48	0
13	1513	12.817	78.1	13	8	3	30	12 48	0
14	1514	13.361	81.8	14	33	3	30	12 48	0
15	1515	14.756	80.1	15	-96	1	30	12 48	0
16	1516	16.131	83.3	16	-10	1	30	12 48	0
17	1517	17.538	82.0	17	33	1	30	12 48	0
18	1518	17.968	80.2	18	-26	1	30	12 48	0
19	1519	19.152	77.8	19	44	3	30	12 48	0
20	1520	20.376	76.8	20	2	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 17 SHOT POINT 22 TEAM 2
 SHOT TIME: 299: 5:30: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1521	21.389	74.4	21	-12	1	30	12 68	0
2	1522	22.550	75.6	22	9	3	30	12 68	1
3	1523	23.861	76.4	23	20	3	30	12 88	0
4	1524	24.555	78.3	24	3	1	30	12 88	0
5	1525	26.001	76.7	25	15	1	30	12 68	0
6	1526	27.242	77.4	26	3	2	30	12 48	0
7	1527	28.190	77.0	27	6	1	30	12 48	0
8	1528	28.128	76.7	28	-7	1	30	12 48	0
9	1529	30.378	77.2	29	10	2	30	12 48	0
10	1530	31.315	76.3	30	5	1	30	12 48	0
11	1531	32.345	75.5	31	6	1	30	12 48	0
12	1532	33.414	75.5	32	24	3	30	12 48	1
13	1533	34.373	76.0	33	33	1	30	12 48	0
14	1534	34.991	76.1	34	11	1	30	12 48	0
15	1535	36.859	76.2	35	-18	1	30	12 48	0
16	1536	37.182	77.1	36	5	1	30	12 48	0
17	1537	38.220	76.9	37	5	1	30	12 48	0
18	1538	39.281	76.9	38	1	2	30	12 48	0
19	1539	40.402	76.1	39	3	1	30	12 48	0
20	1540	41.773	75.1	40	6	1	30	12 48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 17 SHOT POINT 22 TEAM 3
 SHOT TIME: 299: 5:30: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1541	42.428	41	-25	1	30	12	48	0
2	1542	43.823	42	14	1	30	12	48	0
3	1543	45.084	43	14	1	30	12	48	0
4	1544	45.077	44	30	1	30	12	48	0
5	1545	47.237	45	3	1	30	12	48	0
6	1546	48.417	46	21	1	30	12	48	0
7	1547	49.372	47	0	2	30	12	48	0
8	1548	50.399	48	12	2	30	12	48	0
9	1549	51.526	49	20	1	30	12	48	0
10	1550	52.710	50	-2	1	30	12	48	0
11	1551	53.592	51	24	1	30	12	48	0
12	1552	54.793	52	0	1	30	12	48	0
13	1553	56.109	53	11	2	30	12	48	0
14	1554	56.834	54	-7	1	30	12	48	0
15	1555	58.067	55	11	2	30	12	68	0
16	1556	59.254	56	30	1	30	12	88	1
17	1557	60.231	57	25	1	30	12	68	0
18	1558	61.342	58	10	1	30	12	68	0
19	1559	62.512	59	1	1	30	12	48	0
20	1560	63.893	60	-4	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 17 SHOT POINT 22 TEAM 4
 SHOT TIME: 299: 5:30: 0.006

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1561	64.840	61	18	2	30	12	48	0
2	1562	65.839	62	3	2	30	12	48	0
3	1563	67.010	63	10	1	30	12	48	0
4	1564	68.184	64	30	2	30	12	48	0
5	1565	69.178	65	1	2	30	12	48	0
6	1566	70.244	66	16	2	30	12	48	0
7	1567	71.378	67	13	2	30	12	48	0
8	1568	72.394	68	6	2	30	12	48	0
9	1569	73.486	69	2	2	30	12	48	0
10	1570	75.075	70	49	1	30	12	48	0
11	1571	76.118	71	31	1	30	12	48	0
12	1572	77.077	72	24	1	30	12	48	0
13	1573	77.723	73	-28	2	30	12	48	0
14	1574	79.333	74	3	2	30	12	48	0
15	1575	80.209	75	20	2	30	12	48	0
16	1576	81.260	76	3	1	30	12	48	0
17	1577	82.323	77	13	2	30	12	48	0
18	1578	83.547	78	-6	2	30	12	48	0
19	1579	84.514	79	28	2	30	12	48	0
20	1580	85.616	80	17	2	30	12	48	0

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 16 Shot point 17 Team 5
 Shot time: 299: 3: 6: 0.011

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1581	129.158	81	-23	1	30	12	63	0
2	1582	130.020	82	-4	1	30	12	68	0
3	1583	131.114	83	28	1	30	12	88	0
4	1584	132.143	84	0	1	30	12	88	0
5	1585	132.764	85	15	1	30	12	68	0
6	1586	134.500	86	0	1	30	12	48	0
7	1587	135.293	87	14	1	30	12	48	0
8	1588	136.077	88	24	1	30	12	48	0
9	1589	136.886	89	0	2	30	12	48	0
10	1590	137.821	90	10	1	30	12	48	0
11	1591	139.114	91	13	1	30	12	48	0
12	1592	139.685	92	0	1	30	12	48	0
13	1593	140.627	93	9	1	30	12	48	0
14	1594	141.637	94	26	1	30	12	48	0
15	1595	142.627	95	-2	1	30	12	48	0
16	1596	142.768	96	-2	1	30	12	48	0
17	1597	143.069	97	6	1	30	12	48	0
18	1598	143.377	98	-8	1	30	12	48	0
19	1599	143.764	99	23	2	30	12	48	0
20	1600	144.417	100	16	1	30	12	48	1

Shot number 16 Shot point 17 Team 6
 Shot time: 299: 3: 6: 0.011

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1601	145.697	101	24	2	30	12	48	0
2	1602	146.587	102	16	2	30	12	48	0
3	1603	146.882	103	5	1	30	12	48	0
4	26	156.788	121	0	1	30	12	88	34
5	1605	147.961	105	35	1	30	12	48	0
6	1606	149.082	106	0	1	30	12	48	0
7	1607	150.330	107	42	1	30	12	48	0
8	1608	151.634	108	7	1	30	12	68	0
9	1609	152.696	109	7	2	30	12	68	0
10	1610	153.934	110	27	2	30	12	68	0
11	1611	154.236	111	56	2	30	12	88	0
12	1612	155.452	112	11	2	30	12	88	0
13	1613	156.965	113	-11	1	30	12	68	0
14	1616	159.739	114	4	1	30	12	48	0
15	1617	163.144	115	11	1	30	12	48	0
16	1618	166.270	116	1	2	30	12	48	0
17	1619	169.093	117	-11	1	30	12	48	6
18	1620	170.461	118	13	1	30	12	48	0
19	24	113.262	119	7	1	30	12	88	34
20	25	131.441	120	7	1	30	12	88	34

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT NUMBER 18 SHOT POINT 23 TEAM 1
 SHOT TIME: 299: 5:32: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1501	25.495	260.1	1	-94	1	30	12	88	0
2	1502	24.606	259.3	2	16	1	30	12	88	0
3	1503	23.664	259.4	3	14	1	30	12	68	0
4	1504	21.687	257.8	4	-13	1	30	12	68	0
5	1505	20.717	257.9	5	21	1	30	12	48	0
6	1506	19.712	257.0	6	12	3	30	12	48	0
7	1507	18.939	257.2	7	2	1	30	12	48	0
8	1508	18.118	256.1	8	24	1	30	12	48	1
9	1509	16.829	255.8	9	52	1	30	12	48	0
10	1510	15.476	255.8	10	9	1	30	12	48	0
11	1511	14.061	257.4	11	-2	1	30	12	48	0
12	1512	13.291	260.0	12	21	3	30	12	48	0
13	1513	11.766	260.6	13	8	3	30	12	48	0
14	1514	11.245	256.3	14	33	3	30	12	48	0
15	1515	9.825	258.1	15	-96	3	30	12	48	0
16	1516	8.562	251.8	16	-10	3	30	12	48	0
17	1517	7.107	252.7	17	33	3	30	12	48	0
18	1518	6.619	256.8	18	-26	3	30	12	48	0
19	1519	5.455	264.7	19	44	3	30	12	48	0
20	1520	4.314	271.3	20	2	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT NUMBER 18 SHOT POINT 23 TEAM 3
 SHOT TIME: 299: 5:32: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1541	17.962	71.1	41	-25	3	30	12	48	0
2	1542	19.355	71.4	42	14	1	30	12	48	0
3	1543	20.641	70.6	43	14	3	30	12	48	0
4	1544	21.508	68.6	44	30	1	30	12	48	0
5	1545	22.993	65.9	45	3	1	30	12	48	0
6	1546	24.175	66.1	46	21	1	30	12	48	0
7	1547	25.155	65.7	47	0	1	30	12	48	0
8	1548	26.181	65.9	48	12	1	30	12	48	0
9	1549	27.299	66.2	49	21	1	30	12	48	0
10	1550	28.439	67.2	50	-2	1	30	12	48	0
11	1551	29.269	68.4	51	24	1	30	12	48	0
12	1552	30.407	69.9	52	0	3	30	12	48	0
13	1553	31.678	71.2	53	11	1	30	12	48	0
14	1554	32.331	73.6	54	-7	1	30	12	48	0
15	1555	33.528	75.4	55	11	1	30	12	68	0
16	1556	34.697	76.5	56	30	30	12	88	1	
17	1557	35.681	76.0	57	25	1	30	12	68	0
18	1558	36.788	76.3	58	18	1	30	12	68	0
19	1559	37.953	76.7	59	1	1	30	12	48	0
20	1560	39.330	77.1	60	-4	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT NUMBER 18 SHOT POINT 23 TEAM 2
 SHOT TIME: 299: 5:32: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1521	3.743	288.6	21	-12	3	30	12	68	0
2	1522	2.533	294.5	22	9	3	30	12	68	1
3	1523	1.408	317.4	23	20	3	30	12	88	0
4	1524	0.423	345.9	24	3	3	30	12	88	0
5	1525	1.827	39.3	25	15	3	30	12	68	0
6	1526	2.800	60.6	26	3	3	30	12	48	0
7	1527	3.767	61.8	27	6	3	30	12	48	0
8	1528	4.714	62.9	28	-7	3	30	12	48	0
9	1529	5.890	68.4	29	10	3	30	12	48	0
10	1530	6.897	65.4	30	5	3	30	12	48	0
11	1531	7.991	63.8	31	6	3	30	12	48	0
12	1532	9.046	65.0	32	24	3	30	12	48	1
13	1533	9.941	67.8	33	33	3	30	12	48	0
14	1534	10.548	68.5	34	11	3	30	12	48	0
15	1535	12.391	70.1	35	-18	3	30	12	48	0
16	1536	12.680	72.8	36	5	3	30	12	48	0
17	1537	13.707	72.5	37	5	3	30	12	48	0
18	1538	14.766	72.8	38	1	3	30	12	48	0
19	1539	15.924	71.3	39	3	3	30	12	48	0
20	1540	17.363	69.1	40	6	1	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT NUMBER 18 SHOT POINT 23 TEAM 4
 SHOT TIME: 299: 5:32: 0.009

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1561	40.271	77.7	61	18	3	30	12	48	0
2	1562	41.264	78.6	62	3	1	30	12	48	0
3	1563	42.436	78.5	63	10	1	30	12	48	0
4	1564	43.609	78.6	64	30	2	30	12	48	0
5	1565	44.604	78.5	65	1	1	30	12	48	0
6	1566	45.670	78.4	66	16	2	30	12	48	0
7	1567	46.804	78.4	67	13	2	30	12	48	0
8	1568	47.820	78.4	68	6	2	30	12	48	0
9	1569	48.910	78.7	69	2	1	30	12	48	0
10	1570	50.500	78.6	70	49	1	30	12	48	0
11	1571	51.544	78.6	71	31	1	30	12	48	0
12	1572	52.502	78.5	72	24	1	30	12	48	0
13	1573	53.149	78.3	73	-28	1	30	12	48	0
14	1574	54.759	78.4	74	3	2	30	12	48	0
15	1575	55.859	77.7	75	20	1	30	12	48	0
16	1576	56.918	77.2	76	3	1	30	12	48	0
17	1577	57.989	76.8	77	13	2	30	12	48	0
18	1578	59.222	76.4	78	-6	1	30	12	48	0
19	1579	60.195	76.2	79	28	1	30	12	48	0
20	1580	61.308	75.8	80	17	2	30	12	48	0

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 18 Shot point 23 Team 5
 Shot time: 299: 5:32: 0.009

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1581	62.337	81	-24	1	30	12	68	0
2	1582	63.522	82	-5	1	30	12	68	0
3	1583	64.703	83	31	1	30	12	68	0
4	1584	65.786	84	0	1	30	12	68	0
5	1585	66.607	85	17	1	30	12	68	0
6	1586	68.336	86	-2	1	30	12	68	0
7	1587	69.253	87	15	1	30	12	68	0
8	1588	70.311	88	26	1	30	12	68	0
9	1589	71.176	89	0	2	30	12	68	0
10	1590	72.307	90	11	1	30	12	68	0
11	1591	73.760	91	14	1	30	12	68	0
12	1592	74.689	92	0	1	30	12	68	0
13	1593	75.806	93	10	3	30	12	68	0
14	1594	77.027	94	28	1	30	12	68	0
15	1595	78.355	95	-2	1	30	12	68	0
16	1596	79.363	96	-2	1	30	12	68	0
17	1597	80.231	97	6	1	30	12	68	0
18	1598	81.239	98	-9	1	30	12	68	0
19	1599	82.240	99	25	2	30	12	68	0
20	1600	83.661	100	17	1	30	12	68	1

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 19 SHOT POINT 25 TEAM 1
 SHOT TIME: 299: 5:34: 0.000

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1501	90.394	1	-94	2	30	12	88	0
2	1502	89.529	2	16	2	30	12	88	0
3	1503	88.590	3	14	1	30	12	68	0
4	1504	86.649	4	-13	2	30	12	68	0
5	1505	85.681	5	21	1	30	12	68	0
6	1506	84.689	6	12	1	30	12	48	0
7	1507	83.917	7	2	1	30	12	48	0
8	1508	83.106	8	24	1	30	12	48	0
9	1509	81.821	9	52	2	30	12	48	1
10	1510	80.471	10	9	1	30	12	48	0
11	1511	79.261	11	-2	2	30	12	48	0
12	1512	78.461	12	21	2	30	12	48	0
13	1513	76.931	13	8	1	30	12	48	0
14	1514	76.452	14	33	1	30	12	48	0
15	1515	75.023	15	-96	2	30	12	48	0
16	1516	73.756	16	-10	2	30	12	48	0
17	1517	72.309	17	33	2	30	12	48	0
18	1518	71.826	18	-26	2	30	12	48	0
19	1519	70.596	19	44	1	30	12	48	0
20	1520	69.365	20	2	2	30	12	48	0

DKDAT DATA TABLE

DEPLOYMENT 8
 SHOT NUMBER 19 SHOT POINT 25 TEAM 2
 SHOT TIME: 299: 5:34: 0.000

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1521	68.367	21	-12	1	30	12	68	0
2	1522	67.192	22	9	1	30	12	68	1
3	1523	65.879	23	20	1	30	12	88	0
4	1524	65.206	24	3	1	30	12	88	0
5	1525	63.740	25	15	2	30	12	68	0
6	1526	62.505	26	3	2	30	12	48	0
7	1527	61.553	27	6	2	30	12	48	0
8	1528	60.613	28	-7	1	30	12	48	0
9	1529	59.367	29	10	3	30	12	48	0
10	1530	58.426	30	5	1	30	12	48	0
11	1531	57.400	31	6	1	30	12	48	0
12	1532	56.332	32	24	1	30	12	48	1
13	1533	55.368	33	33	1	30	12	48	0
14	1534	54.750	34	11	1	30	12	48	0
15	1535	52.882	35	-18	1	30	12	48	0
16	1536	52.564	36	5	1	30	12	48	0
17	1537	51.522	37	5	1	30	12	48	0
18	1538	50.462	38	1	2	30	12	48	0
19	1539	49.339	39	3	1	30	12	48	0
20	1540	47.988	40	6	2	30	12	48	0

Shot number 18 Shot point 23 Team 6
 Shot time: 299: 5:32: 0.009

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1601	84.959	101	26	2	30	12	48	0
2	1602	85.839	102	17	2	30	12	48	0
3	1603	86.777	103	5	2	30	12	48	0
4	26	97.722	121	0	1	30	12	88	34
5	1605	89.321	105	38	2	30	12	48	0
6	1606	90.548	106	0	3	30	12	48	0
7	1607	91.520	107	46	2	30	12	48	0
8	1608	92.499	108	7	1	30	12	68	0
9	1609	93.756	109	7	2	30	12	68	0
10	1610	94.724	110	29	2	30	12	68	0
11	1611	96.198	111	60	2	30	12	88	0
12	1612	97.168	112	12	2	30	12	88	0
13	1613	99.033	113	-12	1	30	12	68	0
14	1616	103.005	114	4	2	30	12	48	0
15	1617	108.105	115	12	1	30	12	48	0
16	1618	112.520	116	1	2	30	12	48	0
17	1619	116.275	117	-12	1	30	12	48	6
18	1620	118.798	118	14	2	30	12	88	34
19	24	34.523	119	8	1	30	12	88	34
20	25	65.207	120	7	1	30	12	88	34

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT POINT 25 TEAM 3
 SHOT NUMBER 19 SHOT POINT 25 TEAM 3
 SHOT TIME: 299: 5:34: 0.000

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	TAPE		
						C1	C2	C3
1	1541	47.317	257.3	41	-25	1	30	12 48
2	1542	45.922	257.4	42	14	1	30	12 48
3	1543	44.671	257.9	43	14	3	30	12 48
4	1544	43.928	259.0	44	30	1	30	12 48
5	1545	42.698	260.8	45	3	1	30	12 48
6	1546	41.540	261.1	46	21	1	30	12 48
7	1547	40.636	261.7	47	0	1	30	12 48
8	1548	39.630	262.0	48	12	2	30	12 48
9	1549	38.514	262.2	49	21	1	30	12 48
10	1550	37.288	262.0	50	-2	1	30	12 48
11	1551	36.342	261.4	51	24	1	30	12 48
12	1552	35.064	260.5	52	0	3	30	12 48
13	1553	33.698	259.7	53	11	1	30	12 48
14	1554	32.909	257.5	54	-7	1	30	12 48
15	1555	31.681	255.8	55	11	1	30	12 68
16	1556	30.523	254.6	56	30	1	30	12 88
17	1557	29.530	255.1	57	25	1	30	12 68
18	1558	28.430	254.6	58	18	1	30	12 48
19	1559	27.276	254.0	59	1	3	30	12 48
20	1560	25.916	253.4	60	-4	1	30	12 48

DKDAT DATA TABLE

DEPLOYMENT 8 SHOT POINT 25 TEAM 4
 SHOT NUMBER 19 SHOT POINT 25 TEAM 4
 SHOT TIME: 299: 5:34: 0.000

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	TAPE		
						C1	C2	C3
1	1561	25.015	252.2	61	18	3	30	12 48
2	1562	24.107	250.5	62	3	3	30	12 48
3	1563	22.941	250.2	63	10	3	30	12 48
4	1564	21.787	249.6	64	30	1	30	12 48
5	1565	20.799	249.3	65	1	3	30	12 48
6	1566	19.736	249.0	66	16	3	30	12 48
7	1567	18.615	248.5	67	13	1	30	12 48
8	1568	17.622	247.8	68	6	1	30	12 48
9	1569	16.601	246.3	69	2	1	30	12 48
10	1570	15.031	245.4	70	49	3	30	12 48
11	1571	14.003	244.6	71	31	1	30	12 48
12	1572	13.067	243.7	72	24	3	30	12 48
13	1573	12.397	243.7	73	-28	3	30	12 48
14	1574	10.875	241.1	74	3	3	30	12 48
15	1575	9.629	243.1	75	20	3	30	12 48
16	1576	8.464	245.0	76	3	3	30	12 48
17	1577	7.335	246.2	77	13	1	30	12 48
18	1578	6.052	247.8	78	-6	1	30	12 48
19	1579	5.060	248.4	79	28	3	30	12 48
20	1580	3.907	252.8	80	17	3	30	12 48

FIELD DATA TABLE

DEPLOYMENT 8
 Shot number 19 Shot point 25 Team 5
 Shot time: 299: 5:34: 0.000

Loc	Dist(km)	Azim	Unit	Chron	Chan	Tape		
						C1	C2	C3
1	1581	2.832	256.9	81	-25	3	30	12 68
2	1582	1.687	255.5	82	-5	3	30	12 68
3	1583	0.643	218.0	83	31	3	30	12 88
4	1584	0.970	129.7	84	0	3	30	12 88
5	1585	1.631	107.3	85	17	3	30	12 68
6	1586	3.426	103.1	86	-2	3	30	12 48
7	1587	4.409	100.1	87	15	3	30	12 48
8	1588	5.407	96.0	88	26	3	30	12 48
9	1589	6.311	95.3	89	0	3	30	12 48
10	1590	7.436	94.2	90	11	3	30	12 48
11	1591	8.932	93.6	91	14	3	30	12 48
12	1592	9.777	91.1	92	0	3	30	12 48
13	1593	10.901	90.6	93	10	3	30	12 48
14	1594	12.124	90.0	94	28	3	30	12 48
15	1595	13.432	88.7	95	-2	3	30	12 48
16	1596	14.274	84.2	96	-2	3	30	12 48
17	1597	15.252	80.7	97	6	3	30	12 48
18	1598	16.255	78.0	98	-9	3	30	12 48
19	1599	17.249	76.0	99	25	1	30	12 48
20	1600	18.681	74.0	100	17	3	30	12 48

DEPLOYMENT 8
 Shot number 19 Shot point 25 Team 6
 Shot time: 299: 5:34: 0.000

Loc	Dist(km)	Azim	Unit	Chron	Chan	Tape		
						C1	C2	C3
1	1601	19.756	74.6	101	26	1	30	12 48
2	1602	20.633	75.5	102	17	1	30	12 48
3	1603	21.581	73.8	103	5	3	30	12 48
4	1604	32.534	78.2	121	-0	1	30	12 88
5	1605	24.189	70.6	105	38	1	30	12 48
6	1606	25.357	71.4	106	0	1	30	12 48
7	1607	26.332	73.3	107	46	1	30	12 48
8	1608	27.284	75.1	108	7	1	30	12 68
9	1609	28.550	75.4	109	7	1	30	12 68
10	1610	29.520	75.0	110	30	1	30	12 68
11	1611	30.939	74.2	111	60	1	30	12 88
12	1612	31.862	75.6	112	12	1	30	12 88
13	1613	33.837	75.6	113	-12	1	30	12 68
14	1614	32.804	74.5	114	4	1	30	12 48
15	1615	42.933	72.9	115	12	1	30	12 48
16	1616	47.376	72.0	116	1	2	30	12 48
17	1619	51.147	71.5	117	-12	1	30	12 48
18	1620	53.229	70.3	118	14	1	30	12 48
19	1621	59.749	253.2	119	24	1	30	12 88
20	1622	0.002	0.0	120	1	3	30	12 88

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 6
 SHOT NUMBER 3 SHOT POINT 1 TEAM 3
 SHOT TIME: 292: 4: 4: 0.014

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1141	101.923	41	-20	2	30	12	88	0	0
2	1142	102.100	42	13	2	30	12	68	0	0
3	1143	103.353	43	8	2	30	12	68	0	0
4	1144	104.093	44	21	2	30	12	48	0	0
5	1145	104.363	45	2	2	30	12	48	0	0
6	1146	104.896	46	15	1	30	12	48	0	0
7	1147	104.754	47	-3	2	30	12	48	0	0
8	1148	105.700	48	10	30	12	48	6	0	0
9	1149	106.029	49	18	1	30	12	48	0	0
10	1150	105.762	50	-4	2	30	12	48	0	0
11	1151	106.096	51	21	2	30	12	48	0	0
12	1152	106.361	52	0	0	30	12	48	3	0
13	1153	106.781	53	14	1	30	12	48	0	0
14	1154	107.241	54	-8	2	30	12	48	0	0
15	1155	107.742	55	7	2	30	12	48	0	0
16	1156	107.981	56	29	1	30	12	48	0	0
17	1157	108.024	57	23	2	30	12	48	0	0
18	1158	108.033	58	17	2	30	12	48	0	0
19	1159	108.342	59	0	2	30	12	48	0	0
20	1160	109.088	60	-5	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 6
 SHOT NUMBER 3 SHOT POINT 1 TEAM 5
 SHOT TIME: 292: 4: 4: 0.014

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1181	117.561	81	-22	2	30	12	48	0	0
2	1182	117.587	82	-5	2	30	12	48	0	0
3	1183	117.936	83	31	2	30	12	48	0	0
4	1184	117.982	84	0	2	30	12	48	0	0
5	1185	118.531	85	10	2	30	12	48	0	0
6	1186	119.120	86	-2	2	30	12	48	0	0
7	1187	119.771	87	11	30	12	48	1	0	0
8	1188	120.835	88	26	2	30	12	48	0	0
9	1189	121.114	89	0	2	30	12	48	0	0
10	1190	121.598	90	12	2	30	12	48	0	0
11	1191	122.211	91	13	2	30	12	48	0	0
12	1192	122.833	92	1	2	30	12	48	0	0
13	1193	123.496	93	14	2	30	12	48	0	0
14	1194	124.247	94	28	2	30	12	48	0	0
15	1195	124.820	95	0	2	30	12	48	0	0
16	1196	124.936	96	-5	2	30	12	48	0	0
17	1197	125.031	97	6	2	30	12	48	0	0
18	1198	125.677	98	8	2	30	12	48	0	0
19	1199	126.399	99	24	2	30	12	48	0	0
20	1200	126.524	100	17	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 6
 SHOT NUMBER 3 SHOT POINT 1 TEAM 4
 SHOT TIME: 292: 4: 4: 0.014

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1161	109.969	61	17	2	30	12	48	0	0
2	1162	110.021	62	3	30	12	48	1	0	0
3	1163	110.300	63	10	2	30	12	48	0	0
4	1164	110.713	64	27	2	30	12	48	0	0
5	1165	110.921	65	0	2	30	12	48	0	0
6	1166	111.154	66	17	2	30	12	48	0	0
7	1167	111.458	67	-4	2	30	12	68	0	0
8	1168	111.471	68	-2	2	30	12	68	0	0
9	1169	111.153	69	2	1	30	12	88	0	0
10	1170	111.781	70	44	1	30	12	88	0	33
11	1171	112.456	71	22	1	30	12	88	0	0
12	1172	113.218	72	23	1	30	12	68	0	0
13	1173	114.139	73	-26	1	30	12	68	0	0
14	1174	114.870	74	4	2	30	12	48	0	0
15	1175	114.596	75	19	1	30	12	48	0	0
16	1176	115.095	76	2	1	30	12	48	0	0
17	1177	115.047	77	10	30	12	48	1	0	0
18	1178	115.821	78	-8	30	12	48	0	0	0
19	1179	116.438	79	25	2	30	12	48	0	0
20	1180	116.925	80	17	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 6
 SHOT NUMBER 3 SHOT POINT 1 TEAM 4
 SHOT TIME: 292: 4: 4: 0.014

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1201	126.322	101	52	2	30	12	48	0	0
2	1202	126.513	102	41	2	30	12	48	0	0
3	1203	127.136	103	16	2	30	12	48	0	0
4	1204	128.028	104	--	2	30	12	68	1	0
5	1205	128.671	105	78	1	30	12	68	0	0
6	1206	128.970	106	10	2	30	12	68	0	0
7	1207	129.772	107	101	2	30	12	88	0	0
8	1208	130.444	108	26	2	30	12	88	0	0
9	1209	130.191	109	24	2	30	12	88	0	0
10	1210	132.500	110	74	1	30	12	68	0	0
11	1211	133.668	111	118	2	30	12	68	0	0
12	1212	134.780	112	27	1	30	12	68	0	0
13	1213	135.516	113	-11	1	30	12	48	0	0
14	1214	136.412	114	20	2	30	12	48	0	0
15	1215	137.589	115	31	2	30	12	48	0	0
16	1216	137.985	116	86	2	30	12	48	0	0
17	1217	139.043	117	0	2	30	12	48	0	0
18	1218	139.773	118	54	1	30	12	48	0	0
19	1219	154.128	119	24	2	30	12	48	0	0
20	1220	154.822	120	22	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 6
 SHOT NUMBER 3 SHOT POINT 1 TEAM 6
 SHOT TIME: 292: 4: 4: 0.014

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1201	126.322	101	52	2	30	12	48	0	0
2	1202	126.513	102	41	2	30	12	48	0	0
3	1203	127.136	103	16	2	30	12	48	0	0
4	1204	128.028	104	--	2	30	12	68	1	0
5	1205	128.671	105	78	1	30	12	68	0	0
6	1206	128.970	106	10	2	30	12	68	0	0
7	1207	129.772	107	101	2	30	12	88	0	0
8	1208	130.444	108	26	2	30	12	88	0	0
9	1209	130.191	109	24	2	30	12	88	0	33
10	1210	132.500	110	74	1	30	12	68	0	0
11	1211	133.668	111	118	2	30	12	68	0	0
12	1212	134.780	112	27	1	30	12	68	0	0
13	1213	135.516	113	-11	1	30	12	48	0	0
14	1214	136.412	114	20	2	30	12	48	0	0
15	1215	137.589	115	31	2	30	12	48	0	0
16	1216	137.985	116	86	2	30	12	48	0	0
17	1217	139.043	117	0	2	30	12	48	0	0
18	1218	139.773	118	54	1	30	12	48	0	0
19	1219	154.128	119	24	2	30	12	48	0	0
20	1220	154.822	120	22	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 1
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1301	120.079	163.8	1	16	2	30	12	48	0
2	1302	117.973	162.6	2	-2	2	30	12	48	0
3	1303	116.260	161.2	3	14	2	30	12	68	0
4	1304	115.041	160.5	4	-38	1	30	12	68	0
5	1305	114.770	160.1	5	20	2	30	12	88	0
6	1306	114.266	159.7	6	8	1	30	12	68	0
7	1307	113.902	159.5	7	-7	1	30	12	68	0
8	1308	113.516	159.0	8	9	1	30	12	48	0
9	1309	112.880	158.7	9	30	1	30	12	48	0
10	1310	112.091	158.6	10	-13	1	30	12	48	0
11	1311	111.462	158.5	11	-19	1	30	12	48	0
12	1312	111.145	158.0	12	15	2	30	12	48	0
13	1313	110.552	157.6	13	-3	1	30	12	48	0
14	1314	110.081	157.3	14	23	1	30	12	48	0
15	1315	109.500	157.1	15	-120	1	30	12	48	0
16	1316	109.005	156.8	16	-10	1	30	12	48	0
17	1317	108.349	156.4	17	31	2	30	12	48	0
18	1318	107.621	156.1	18	-15	2	30	12	48	0
19	1319	107.240	155.8	19	85	2	30	12	48	0
20	1320	106.428	155.5	20	-11		30	12	48	6

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 3
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1341	97.403	148.1	41	-21	2	30	12	68	0
2	1342	97.041	147.7	42	11	1	30	12	48	0
3	1343	96.689	147.3	43	12	2	30	12	48	0
4	1344	96.765	146.7	44	28	1	30	12	48	0
5	1345	96.356	146.3	45	1	2	30	12	48	0
6	1346	95.870	146.0	46	-3	2	30	12	48	0
7	1347	96.230	145.4	47	-9	1	30	12	48	0
8	1348	95.527	145.1	48	-3	2	30	12	48	0
9	1349	94.751	144.6	49	17	2	30	12	48	0
10	1350	94.331	144.0	50	-7	2	30	12	48	0
11	1351	94.533	143.3	51	15	1	30	12	48	0
12	1352	94.643	143.1	52	-9	1	30	12	48	0
13	1353	94.446	142.7	53	6	1	30	12	48	0
14	1354	94.727	142.2	54	-10	1	30	12	48	0
15	1355	94.739	141.7	55	4	1	30	12	48	0
16	1356	94.121	141.2	56	23	1	30	12	48	0
17	1357	93.602	140.8	57	15	2	30	12	48	0
18	1358	93.494	140.4	58	16	1	30	12	48	0
19	1359	93.198	139.8	59	-2	2	30	12	48	0
20	1360	93.627	139.3	60	-6	1	30	12	48	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 2
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1321	105.868	155.2	21	-19	2	30	12	48	0
2	1322	105.122	155.0	22	11	1	30	12	48	0
3	1323	104.401	154.8	23	23	1	30	12	48	0
4	1324	103.653	154.5	24	-5	1	30	12	48	0
5	1325	103.127	154.2	25	11	1	30	12	48	0
6	1326	102.830	153.9	26	5	2	30	12	48	0
7	1327	102.183	153.5	27	6	1	30	12	48	0
8	1328	101.514	153.3	28	-75	2	30	12	48	0
9	1329	101.073	152.9	29	12	2	30	12	48	0
10	1330	100.679	152.5	30	9	1	30	12	48	0
11	1331	100.056	152.1	31	10	1	30	12	48	0
12	1332	99.628	151.7	32	35		30	12	48	1
13	1333	99.828	151.1	33	43	2	30	12	68	0
14	1334	99.142	150.8	34	14	2	30	12	68	0
15	1335	98.594	150.6	35	-37	1	30	12	68	0
16	1336	98.014	150.0	36	3	1	30	12	88	0
17	1337	97.646	149.6	37	2	1	30	12	88	0
18	1338	98.051	149.2	38	2	2	30	12	88	0
19	1339	97.811	148.9	39	0	2	30	12	68	0
20	1340	97.498	148.5	40	7	2	30	12	48	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 4
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1361	93.659	138.8	61	15	1	30	12	48	0
2	1362	94.325	138.3	62	7	1	30	12	48	0
3	1363	93.795	137.8	63	7	1	30	12	48	0
4	1364	93.874	137.3	64	26	1	30	12	48	0
5	1365	93.986	137.0	65	-8	1	30	12	48	0
6	1366	93.502	136.3	66	8	1	30	12	48	0
7	1367	93.143	135.8	67	-6	1	30	12	48	0
8	1368	93.129	135.4	68	-7	1	30	12	48	0
9	1369	92.902	134.9	69	1	1	30	12	48	0
10	1370	92.669	134.4	70	36	1	30	12	48	0
11	1371	92.561	133.9	71	7	1	30	12	48	0
12	1372	92.348	133.5	72	19	1	30	12	48	0
13	1373	91.856	133.3	73	-25	1	30	12	48	0
14	1374	91.253	132.6	74	1	1	30	12	48	0
15	1375	91.673	132.3	75	16	1	30	12	48	0
16	1376	91.686	131.7	76	1	1	30	12	48	0
17	1377	90.800	131.2	77	10	2	30	12	68	0
18	1378	91.086	130.6	78	-10	1	30	12	68	0
19	1379	91.064	130.1	79	13	1	30	12	88	0
20	1380	91.768	129.7	80	13	1	30	12	88	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 5
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1381	91.028	81	-22	1	30	12	88	0	0
2	1382	91.093	82	-6	1	30	12	68	0	0
3	1383	91.055	83	26	2	30	12	68	0	0
4	1384	91.211	84	-4	1	30	12	68	0	0
5	1385	91.527	85	3	1	30	12	48	0	0
6	1386	90.781	86	0	1	30	12	48	0	0
7	1387	90.601	87	11	1	30	12	48	6	0
8	1388	90.872	88	24	1	30	12	48	0	0
9	1389	90.556	89	0	1	30	12	48	0	0
10	1390	90.511	90	8	1	30	12	48	0	0
11	1391	89.727	91	12	1	30	12	48	0	0
12	1392	90.399	92	0	1	30	12	48	0	0
13	1393	90.511	93	4	1	30	12	48	0	0
14	1394	90.476	94	24	1	30	12	48	0	0
15	1395	89.988	95	-7	1	30	12	48	0	0
16	1396	90.300	96	-9	1	30	12	48	0	0
17	1397	90.091	97	6	1	30	12	48	0	0
18	1398	89.927	98	-6	1	30	12	48	0	0
19	1399	89.993	99	23	1	30	12	48	0	0
20	1400	89.920	100	15	1	30	12	48	0	0

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 10 SHOT POINT 1 TEAM 1
SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1301	193.433	1	16	2	30	12	48	0	0
2	1302	193.910	2	-2	2	30	12	48	0	0
3	1303	192.836	3	14	2	30	12	68	0	0
4	1304	191.942	4	-38	2	30	12	68	0	0
5	1305	191.839	5	20	2	30	12	88	0	0
6	1306	191.499	6	8	2	30	12	68	0	0
7	1307	191.237	7	-7	2	30	12	68	0	0
8	1308	191.018	8	9	2	30	12	48	0	0
9	1309	190.506	9	31	2	30	12	48	0	0
10	1310	189.799	10	-13	2	30	12	48	0	0
11	1311	189.219	11	-19	2	30	12	48	0	0
12	1312	189.082	12	15	2	30	12	48	0	0
13	1313	188.631	13	-3	2	30	12	48	0	0
14	1314	188.261	14	23	2	30	12	48	0	0
15	1315	187.785	15	-120	2	30	12	48	0	0
16	1316	187.400	16	-10	2	30	12	48	0	0
17	1317	186.881	17	31	2	30	12	48	0	0
18	1318	186.455	18	-15	2	30	12	48	0	0
19	1319	185.977	19	85	2	30	12	48	0	0
20	1320	185.294	20	-11	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 9 SHOT POINT 33 TEAM 6
SHOT TIME: 296: 4: 4: 0.012

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1401	90.230	101	23	1	30	12	48	0	0
2	1402	90.379	102	13	1	30	12	48	0	0
3	1403	89.880	103	6	1	30	12	48	0	0
4	1404	90.212	104	-2	1	30	12	48	0	0
5	1405	90.850	105	31	1	30	12	48	0	0
6	1406	91.276	106	-4	1	30	12	48	0	0
7	1407	91.319	107	31	1	30	12	48	0	0
8	1408	91.556	108	12	1	30	12	48	0	0
9	1409	91.521	109	4	1	30	12	48	0	0
10	1410	92.051	110	25	1	30	12	68	0	0
11	1411	92.058	111	46	1	30	12	68	32	0
12	1412	91.716	112	5	1	30	12	68	0	0
13	1413	92.684	113	5	1	30	12	68	0	0
14	1414	92.217	114	-12	1	30	12	68	0	0
15	1415	92.174	115	12	1	30	12	88	0	0
16	1416	92.766	116	32	1	30	12	88	0	0
17	1417	93.349	117	-18	1	30	12	68	0	0
18	1421	92.850	118	5	3	30	12	68	0	0
19	1419	93.169	119	11	1	30	12	68	0	0
20	1420	93.117	120	3	1	30	12	68	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
SHOT NUMBER 10 SHOT POINT 1 TEAM 2
SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1321	184.827	21	-19	2	30	12	48	0	0
2	1322	184.144	22	11	2	30	12	48	0	0
3	1323	183.504	23	23	2	30	12	48	0	0
4	1324	182.851	24	-5	2	30	12	48	0	0
5	1325	182.423	25	11	2	30	12	48	0	0
6	1326	182.244	26	5	2	30	12	48	0	0
7	1327	181.716	27	6	2	30	12	48	0	0
8	1328	181.110	28	-75	2	30	12	48	0	0
9	1329	180.795	29	12	2	30	12	48	0	0
10	1330	180.517	30	9	2	30	12	48	0	0
11	1331	180.007	31	10	2	30	12	48	0	0
12	1332	179.670	32	35	30	12	48	1	0	0
13	1333	180.040	33	43	2	30	12	48	0	0
14	1334	179.422	34	14	2	30	12	68	0	0
15	1335	178.944	35	-37	2	30	12	68	0	0
16	1336	178.500	36	3	1	30	12	68	0	0
17	1337	178.229	37	2	1	30	12	68	0	0
18	1338	178.725	38	2	2	30	12	68	0	0
19	1339	178.566	39	0	2	30	12	68	0	0
20	1340	178.333	40	7	2	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
 SHOT NUMBER 10 SHOT POINT 1 TEAM 3
 SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1341	178.325	41	-21	1	30	12	68	0
2	1342	178.040	42	11	1	30	12	48	0
3	1343	177.782	43	12	2	30	12	48	0
4	1344	177.961	44	28	2	30	12	48	0
5	1345	177.645	45	1	2	30	12	48	0
6	1346	177.205	46	-3	2	30	12	48	0
7	1347	177.675	47	-9	2	30	12	48	0
8	1348	177.027	48	-3	2	30	12	48	0
9	1349	176.326	49	17	2	30	12	48	0
10	1350	176.004	50	-7	2	30	12	48	0
11	1351	176.305	51	15	2	30	12	48	0
12	1352	176.454	52	-9	2	30	12	48	0
13	1353	176.300	53	6	2	30	12	48	0
14	1354	176.655	54	-10	2	30	12	48	0
15	1355	176.725	55	4	2	30	12	48	0
16	1356	176.165	56	23	2	30	12	48	0
17	1357	175.698	57	15	2	30	12	48	0
18	1358	175.633	58	16	2	30	12	48	0
19	1359	175.391	59	-2	2	30	12	48	0
20	1360	175.862	60	-6	2	30	12	48	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
 SHOT NUMBER 10 SHOT POINT 1 TEAM 5
 SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1381	173.482	81	-22	1	30	12	88	0
2	1382	173.523	82	-6	2	30	12	68	0
3	1383	173.460	83	26	2	30	12	68	0
4	1384	173.587	84	-4	2	30	12	68	0
5	1385	173.872	85	3	2	30	12	48	0
6	1386	173.098	86	0	2	30	12	48	0
7	1387	172.866	87	11	1	30	12	48	6
8	1388	173.097	88	24	2	30	12	48	0
9	1389	172.831	89	0	2	30	12	48	0
10	1390	172.637	90	8	2	30	12	48	0
11	1391	171.800	91	12	2	30	12	48	0
12	1392	172.409	92	0	2	30	12	48	0
13	1393	172.469	93	4	2	30	12	48	0
14	1394	172.398	94	24	2	30	12	48	0
15	1395	171.827	95	-7	2	30	12	48	0
16	1396	172.069	96	-9	2	30	12	48	0
17	1397	171.801	97	6	2	30	12	48	0
18	1398	171.560	98	-6	2	30	12	48	0
19	1399	171.544	99	23	2	30	12	48	0
20	1400	171.370	100	15	2	30	12	48	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
 SHOT NUMBER 10 SHOT POINT 1 TEAM 4
 SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1361	175.942	61	15	2	30	12	48	0
2	1362	176.643	62	7	2	30	12	48	0
3	1363	176.154	63	7	1	30	12	48	0
4	1364	176.261	64	26	2	30	12	48	0
5	1365	175.790	65	-8	2	30	12	48	0
6	1366	175.945	66	8	2	30	12	48	0
7	1367	175.605	67	-6	2	30	12	48	0
8	1368	175.609	68	-7	2	30	12	48	0
9	1369	175.398	69	1	2	30	12	48	0
10	1370	175.177	70	36	2	30	12	48	0
11	1371	175.077	71	7	1	30	12	48	0
12	1372	174.870	72	19	1	30	12	48	0
13	1373	174.379	73	-25	2	30	12	48	0
14	1374	173.777	74	1	2	30	12	48	0
15	1375	174.196	75	16	2	30	12	48	0
16	1376	174.202	76	1	1	30	12	48	0
17	1377	173.308	77	10	2	30	12	68	0
18	1378	173.579	78	-10	2	30	12	68	0
19	1379	173.540	79	13	2	30	12	88	0
20	1380	174.227	80	13	1	30	12	88	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 7
 SHOT NUMBER 10 SHOT POINT 1 TEAM 6
 SHOT TIME: 296: 4: 6: 0.007

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE GRADE
1	1401	171.724	101	23	2	30	12	48	0
2	1402	171.771	102	13	2	30	12	48	0
3	1403	171.153	103	6	2	30	12	48	0
4	1404	171.409	104	-2	2	30	12	48	0
5	1405	171.938	105	31	2	30	12	48	0
6	1406	172.314	106	-4	2	30	12	48	0
7	1407	172.197	107	31	2	30	12	48	0
8	1408	172.343	108	12	2	30	12	48	0
9	1409	172.187	109	4	2	30	12	48	0
10	1410	172.630	110	25	2	30	12	68	0
11	1411	172.487	111	46	2	30	12	68	0
12	1412	172.051	112	12	2	30	12	68	0
13	1413	172.923	113	-12	2	30	12	68	0
14	1414	172.356	114	0	2	30	12	88	0
15	1415	172.151	115	12	2	30	12	88	0
16	1416	172.640	116	32	2	30	12	88	0
17	1417	173.143	117	-18	2	30	12	68	0
18	1421	171.833	118	5	1	30	12	68	0
19	1419	172.650	119	11	2	30	12	68	0
20	1420	172.402	120	3	2	30	12	68	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 8
 SHOT NUMBER 16 SHOT POINT 17 TEAM 1
 SHOT TIME: 299: 3: 6: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1501	91.485	163.9	-87	2	30	12	88	0	0
2	1502	91.911	163.4	15	1	30	12	88	0	0
3	1503	92.001	162.8	13	1	30	12	68	0	0
4	1504	92.815	161.7	-12	1	30	12	68	0	0
5	1505	92.899	161.1	20	1	30	12	48	0	0
6	1506	93.312	160.5	11	1	30	12	48	0	0
7	1507	93.339	160.0	2	1	30	12	48	0	0
8	1508	93.803	159.5	22	1	30	12	48	1	1
9	1509	94.042	158.8	48	1	30	12	48	0	0
10	1510	94.199	158.0	8	1	30	12	48	0	0
11	1511	94.001	157.1	-2	1	30	12	48	0	0
12	1512	93.546	156.5	19	1	30	12	48	0	0
13	1513	93.797	155.6	7	3	30	12	48	0	0
14	1514	94.744	155.4	31	1	30	12	48	0	0
15	1515	94.716	154.6	-89	1	30	12	48	0	0
16	1516	95.944	153.9	-9	1	30	12	48	0	0
17	1517	96.029	153.1	30	1	30	12	48	0	0
18	1518	95.652	152.7	-24	1	30	12	48	0	0
19	1519	95.216	151.9	41	1	30	12	48	0	0
20	1520	95.210	151.1	2	1	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 8
 SHOT NUMBER 16 SHOT POINT 17 TEAM 2
 SHOT TIME: 299: 3: 6: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1521	94.620	150.4	-10	1	30	12	68	0	0
2	1522	95.358	149.8	8	1	30	12	68	1	1
3	1523	96.048	149.1	17	3	30	12	88	0	0
4	1524	97.019	148.9	2	1	30	12	68	0	0
5	1525	96.812	148.0	13	1	30	12	68	0	0
6	1526	97.523	147.3	3	1	30	12	48	0	0
7	1527	97.654	146.8	5	1	30	12	48	0	0
8	1528	97.828	146.2	-6	1	30	12	48	0	0
9	1529	98.513	145.6	9	2	30	12	48	0	0
10	1530	98.390	145.0	4	1	30	12	48	0	0
11	1531	98.364	144.4	5	1	30	12	48	0	0
12	1532	98.718	143.8	21	1	30	12	48	1	1
13	1533	99.363	143.3	28	1	30	12	48	0	0
14	1534	99.635	143.0	10	1	30	12	48	0	0
15	1535	100.460	142.1	-15	1	30	12	48	0	0
16	1536	101.109	142.0	4	1	30	12	48	0	0
17	1537	101.410	141.5	5	1	30	12	48	0	0
18	1538	101.860	140.9	1	1	30	12	48	0	0
19	1539	101.881	140.3	2	1	30	12	48	0	0
20	1540	101.776	139.4	5	1	30	12	48	0	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 8
 SHOT NUMBER 16 SHOT POINT 17 TEAM 3
 SHOT TIME: 299: 3: 6: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1541	102.555	139.2	41	-23	1	30	12	48	0
2	1542	103.160	138.5	42	13	1	30	12	48	0
3	1543	103.416	137.8	43	13	1	30	12	48	0
4	1544	103.027	137.2	44	28	3	30	12	48	0
5	1545	102.575	136.2	45	3	1	30	12	48	0
6	1546	103.027	135.6	46	19	1	30	12	48	0
7	1547	103.215	135.1	47	0	1	30	12	48	0
8	1548	103.638	134.6	48	11	1	30	12	48	0
9	1549	104.182	134.0	49	19	1	30	12	48	0
10	1550	105.059	133.6	50	-2	1	30	12	48	0
11	1551	105.937	133.3	51	22	1	30	12	48	0
12	1552	107.158	132.9	52	0	3	30	12	48	0
13	1553	108.360	132.5	53	10	1	30	12	48	0
14	1554	109.861	132.6	54	-7	1	30	12	48	0
15	1555	111.320	132.3	55	10	1	30	12	68	0
16	1556	112.524	132.0	56	27	1	30	12	68	1
17	1557	112.818	131.5	57	23	1	30	12	68	0
18	1558	113.618	131.1	58	17	1	30	12	68	0
19	1559	114.489	130.7	59	1	1	30	12	48	0
20	1560	115.486	130.2	60	-4	1	30	12	48	0

DKDAT DATA TABLE

FAN SHOT INTO DEPLOYMENT 8
 SHOT NUMBER 16 SHOT POINT 17 TEAM 4
 SHOT TIME: 299: 3: 6: 0.011

LOC	DIST(KM)	AZIM	UNIT	CHRON	CHAN	C1	C2	C3	TAPE	GRADE
1	1561	116.390	130.0	61	16	1	30	12	48	0
2	1562	117.496	129.8	62	3	1	30	12	48	0
3	1563	118.188	129.4	63	10	1	30	12	48	0
4	1564	118.949	128.9	64	28	1	30	12	48	0
5	1565	119.549	128.6	65	1	1	30	12	48	0
6	1566	120.176	128.2	66	14	2	30	12	48	0
7	1567	120.885	127.7	67	12	1	30	12	48	0
8	1568	121.568	127.4	68	5	1	30	12	48	0
9	1569	122.454	127.1	69	2	2	30	12	48	0
10	1570	123.433	126.5	70	45	1	30	12	48	0
11	1571	124.083	126.1	71	28	1	30	12	48	0
12	1572	124.700	125.8	72	23	1	30	12	48	0
13	1573	125.007	125.5	73	-26	1	30	12	48	0
14	1574	126.162	125.0	74	3	1	30	12	48	0
15	1575	126.411	124.5	75	19	1	30	12	48	0
16	1576	126.709	123.9	76	3	1	30	12	48	0
17	1577	127.150	123.5	77	12	1	30	12	48	0
18	1578	127.697	122.9	78	-5	1	30	12	48	0
19	1579	128.215	122.6	79	25	1	30	12	48	0
20	1580	128.644	122.1	80	16	1	30	12	48	0

FIELD DATA TABLE

DEPLOYMENT 8

Shot number 16 Shot point 17 Team 5
 Shot time: 299: 3: 6: 0.011

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1581	129.158	121.7	81	-23	1	30	12 68	0
2	1582	130.020	121.3	82	-4	1	30	12 68	0
3	1583	131.114	121.1	83	28	1	30	12 88	0
4	1584	132.143	120.9	84	0	1	30	12 88	0
5	1585	132.764	120.6	85	15	1	30	12 68	0
6	1586	134.500	120.3	86	0	1	30	12 48	0
7	1587	135.293	120.1	87	14	1	30	12 48	0
8	1588	136.077	119.8	88	24	1	30	12 48	0
9	1589	136.886	119.7	89	0	2	30	12 48	0
10	1590	137.821	119.4	90	10	1	30	12 48	0
11	1591	139.114	119.1	91	13	1	30	12 48	0
12	1592	139.685	118.8	92	0	1	30	12 48	0
13	1593	140.627	118.6	93	9	1	30	12 48	0
14	1594	141.637	118.3	94	26	1	30	12 48	0
15	1595	142.627	117.9	95	-2	1	30	12 48	0
16	1596	142.768	117.4	96	-2	1	30	12 48	0
17	1597	143.069	116.9	97	6	1	30	12 48	0
18	1598	143.377	116.4	98	-8	1	30	12 48	0
19	1599	143.764	116.0	99	23	2	30	12 48	0
20	1600	144.417	115.4	100	16	1	30	12 48	1

Shot number 16 Shot point 17 Team 6

Shot time: 299: 3: 6: 0.011

Loc	Dist(km)	Azim	Unit	Chron	Chan	C1	C2	C3	Tape grade
1	1601	145.697	114.6	101	24	2	30	12 48	0
2	1602	146.587	114.5	102	16	2	30	12 48	0
3	1603	146.882	114.1	103	5	1	30	12 48	0
4	26	156.788	112.1	121	0	1	30	12 88	34
5	1605	147.961	113.0	105	35	1	30	12 48	0
6	1606	149.082	112.8	106	0	1	30	12 48	0
7	1607	150.330	112.8	107	42	1	30	12 48	0
8	1608	151.634	112.8	108	7	1	30	12 68	0
9	1609	152.696	112.6	109	7	2	30	12 68	0
10	1610	153.334	112.3	110	27	2	30	12 68	0
11	1611	154.236	111.8	111	56	2	30	12 88	0
12	1612	155.452	111.8	112	11	2	30	12 88	0
13	1613	156.965	111.4	113	-11	1	30	12 68	0
14	1616	159.739	110.4	114	4	1	30	12 48	0
15	1617	163.144	108.9	115	11	1	30	12 48	0
16	1618	166.270	107.8	116	1	2	30	12 48	0
17	1619	169.093	106.9	117	-11	1	30	12 48	6
18	1620	170.461	106.1	118	13	1	30	12 48	0
19	24	113.262	131.9	119	7	1	30	12 88	34
20	25	131.441	120.3	120	7	1	30	12 88	34

APPENDIX C

FIRST-ARRIVAL TIMES

For each shot, first-arrival times (in seconds) are listed in order from the most distant southwestern station (negative distance, in km) to the most distant northeastern station (positive distance, in km).

PROFILE 4

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
8	703	2.938	0.175	-16.579	202.322	8	763	6.022	0.116	35.434	29.942
8	704	2.693	0.141	-15.311	204.549	8	764	6.170	0.107	36.380	29.236
8	705	2.432	0.150	-13.689	203.621	8	765	6.313	0.116	37.178	28.820
8	706	2.116	0.138	-11.870	204.514	8	766	6.425	0.110	37.893	27.037
8	707	1.836	0.113	-10.335	208.270	8	767	6.519	0.098	38.528	25.527
8	708	1.569	0.113	-8.737	210.348	8	768	6.683	0.104	39.477	25.127
8	709	1.356	0.138	-7.308	207.309	8	769	6.823	0.098	40.350	25.553
8	711	0.732	0.070	-3.972	202.823	8	825	6.857	0.116	40.443	27.034
8	712	0.513	0.079	-2.603	191.898	8	771	7.011	0.141	41.219	25.738
8	714	0.149	0.045	-0.621	223.550	8	772	7.141	0.116	42.149	26.215
8	715	0.037	0.024	-0.076	212.352	8	773	7.274	0.119	42.930	26.062
8	716	0.142	0.039	0.619	90.432	8	774	7.387	0.119	43.604	25.165
8	717	0.353	0.070	1.695	86.502	8	775	7.581	0.162	44.515	24.104
8	718	0.513	0.070	2.657	76.414	8	777	7.801	0.055	46.476	21.825
8	719	0.610	0.055	3.331	69.232	8	778	7.930	0.052	47.270	22.488
8	721	0.798	0.052	4.478	51.562	8	779	8.130	0.076	48.322	22.932
8	722	0.934	0.070	5.182	50.273	8	780	8.184	0.042	48.847	23.829
8	723	1.076	0.064	6.071	53.700	8	785	8.205	0.036	49.013	28.004
8	727	1.670	0.085	9.506	53.691	8	784	8.322	0.042	49.681	28.353
8	729	1.929	0.101	10.970	48.600	8	783	8.453	0.055	50.392	28.254
8	730	2.060	0.128	11.589	46.200	8	782	8.473	0.055	50.512	24.464
8	731	2.181	0.128	12.316	43.300	8	786	8.535	0.021	51.203	24.600
8	733	2.379	0.125	13.523	34.600	8	787	8.699	0.039	51.962	26.100
8	734	2.507	0.125	14.292	35.400	8	788	8.793	0.015	52.673	26.079
8	736	2.602	0.073	15.171	39.400	8	789	8.922	0.033	53.334	25.863
8	821	2.583	0.036	15.279	42.800	8	790	9.008	-0.004	54.073	25.635
8	735	2.590	0.135	15.335	35.900	8	791	9.117	-0.010	54.764	25.732
8	738	2.786	0.073	16.280	44.500	8	792	9.271	0.011	55.555	26.313
8	739	2.933	0.064	17.214	46.500	8	793	9.437	0.050	56.323	27.000
8	740	3.035	0.042	17.955	47.100	8	796	9.589	-0.050	57.836	24.531
8	741	3.153	0.039	18.681	47.100	8	797	9.772	-0.017	58.736	24.265
8	743	3.288	0.095	19.163	37.196	8	798	9.859	-0.067	59.554	25.039
8	822	3.276	0.027	19.496	46.430	8	799	9.864	-0.095	59.757	27.463
8	744	3.377	0.101	19.656	35.421	8	800	9.937	-0.096	60.198	25.521
8	745	3.446	0.085	20.166	35.984	8	801	10.051	-0.115	60.995	25.775
8	746	3.508	0.104	20.426	33.980	8	802	10.164	-0.090	61.526	25.827
8	747	3.604	0.107	20.980	32.262	8	804	10.421	-0.121	63.251	26.402
8	823	3.750	0.067	22.098	32.486	8	805	10.557	-0.112	64.013	26.674
8	748	3.876	0.085	22.746	35.081	8	810	11.250	-0.121	68.225	27.355
8	824	3.961	0.070	23.344	35.579	8	810	11.361	-0.010	68.225	27.355
8	393	4.089	0.061	24.170	36.267	8	811	11.427	-0.056	68.898	28.089
8	750	4.223	0.113	24.661	31.676	8	811	11.584	-0.044	69.768	28.322
8	751	4.377	0.113	25.583	31.087	8	814	11.615	-0.087	70.210	28.801
8	752	4.550	0.125	26.545	31.031	8	815	11.649	-0.096	70.470	29.414
8	753	4.718	0.132	27.521	30.137	8	817	11.922	-0.142	72.383	29.812
8	754	4.832	0.128	28.220	29.737	8	818	12.007	-0.127	72.804	29.401
8	755	5.033	0.147	29.317	29.620	8	826	12.766	-0.121	77.319	29.313
8	756	5.128	0.141	29.920	28.874						
8	757	5.219	0.113	30.633	29.429						
8	758	5.177	0.135	31.452	30.856						
8	759	5.455	0.116	32.031	32.072						
8	760	5.648	0.101	33.283	32.909						
8	761	5.813	0.104	34.258	32.072						
8	762	5.935	0.125	34.855	30.801						
						9	703	6.066	-0.013	-36.473	209.800
						9	704	5.847	-0.035	-35.289	211.000
						9	705	5.586	-0.022	-33.650	211.000
						9	706	5.305	-0.007	-31.870	211.700
						9	707	5.082	0.012	-30.421	213.300
						9	708	4.842	0.033	-28.855	214.200

PROFILE 4

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
9	709	4.636	0.070	-27.395	213.600	9	768	3.451	0.110	20.048	14.300
9	711	4.034	0.049	-24.032	213.800	9	825	3.560	0.098	20.776	18.400
9	712	3.822	0.064	-22.550	213.200	9	769	3.561	0.085	20.853	15.600
9	714	3.549	0.089	-20.762	216.100	9	771	3.734	0.119	21.688	16.300
9	715	3.468	0.098	-20.222	215.900	9	772	3.853	0.095	22.552	17.600
9	716	3.366	0.067	-19.794	214.500	9	773	3.985	0.095	23.341	17.600
9	717	3.281	0.095	-19.116	212.000	9	774	4.122	0.104	24.112	16.200
9	718	3.123	0.089	-18.209	210.500	9	775	4.272	0.082	25.140	14.700
9	719	2.989	0.079	-17.460	209.900	9	777	4.646	0.082	27.383	11.500
9	721	2.720	0.073	-15.881	211.600	9	778	4.752	0.073	28.071	12.900
9	722	2.591	0.061	-15.182	211.100	9	779	4.893	0.052	29.050	14.000
9	723	2.459	0.045	-14.484	208.600	9	785	4.893	0.027	29.195	22.600
9	724	2.370	0.042	-13.967	205.600	9	780	4.967	0.058	29.456	15.600
9	727	1.954	0.042	-11.469	201.300	9	784	5.008	0.036	29.832	23.300
9	729	1.664	0.039	-9.751	201.600	9	781	5.106	0.064	30.254	16.100
9	730	1.519	0.021	-8.990	202.600	9	783	5.146	0.055	30.548	23.200
9	731	1.366	0.018	-8.088	204.700	9	782	5.229	0.038	31.030	17.100
9	732	1.238	0.027	-7.269	209.100	9	784	5.318	0.039	31.675	17.800
9	733	1.129	0.024	-6.634	218.600	9	787	5.420	0.034	32.301	20.000
9	734	0.988	0.012	-5.856	217.200	9	788	5.519	0.018	33.008	20.100
9	821	0.939	0.055	-5.308	195.700	9	789	5.648	0.033	33.686	19.900
9	736	0.878	0.030	-5.089	205.500	9	790	5.746	0.005	34.444	19.700
9	735	0.826	0.024	-4.811	215.900	9	791	5.856	0.002	35.122	19.900
9	738	0.841	0.055	-4.716	185.100	9	792	5.981	0.005	35.855	21.000
9	739	0.818	0.067	-4.508	171.600	9	793	6.203	0.110	36.555	22.200
9	740	0.780	0.061	-4.315	161.900	9	796	6.349	-0.035	38.299	18.600
9	741	0.719	0.042	-4.058	152.600	9	797	6.515	-0.022	39.222	18.300
9	822	0.638	0.024	-3.686	141.400	9	799	6.589	-0.068	39.945	23.200
9	743	0.216	0.036	-1.077	192.500	9	798	6.588	-0.072	39.957	19.600
9	744	0.135	0.049	-0.519	235.000	9	800	6.675	-0.084	40.551	20.400
9	745	0.029	0.024	0.031	96.100	9	801	6.776	-0.112	41.322	20.900
9	746	0.159	0.036	0.739	327.200	9	802	6.875	-0.099	41.846	21.000
9	747	0.304	0.045	1.553	336.600	9	804	7.181	-0.072	43.516	22.000
9	823	0.448	0.061	2.325	1.300	9	805	7.264	-0.112	44.253	22.500
9	748	0.485	0.049	2.619	28.700	9	800	6.675	-0.084	40.551	20.400
9	824	0.582	0.049	3.201	33.500	9	801	6.772	-0.115	41.322	20.900
9	393	0.726	0.055	4.026	38.000	9	802	6.884	-0.090	41.846	21.000
9	750	0.868	0.067	4.807	13.700	9	804	7.178	-0.075	43.516	22.000
9	751	1.024	0.064	5.764	14.000	9	805	7.267	-0.108	44.253	22.500
9	752	1.198	0.082	6.697	16.200	9	810	7.928	-0.139	48.403	23.800
9	753	1.392	0.101	7.749	15.000	9	811	8.022	-0.148	49.023	24.900
9	754	1.510	0.098	8.475	14.900	9	812	8.170	-0.142	49.876	25.300
9	755	1.705	0.113	9.552	16.300	9	814	8.325	-0.056	50.287	26.000
9	756	1.824	0.119	10.230	14.900	9	815	8.301	-0.118	50.511	26.800
9	758	2.024	0.104	11.524	22.000	9	817	8.597	-0.136	52.401	27.500
9	759	2.102	0.101	12.007	25.600	9	818	8.671	-0.136	52.844	26.900
9	760	2.296	0.095	13.208	28.300	9	826	9.451	-0.108	57.359	27.000
9	761	2.465	0.095	14.223	26.600						
9	762	2.584	0.101	14.900	23.900						
9	763	2.688	0.098	15.541	22.200						
9	764	2.836	0.079	16.540	21.100	10	703	10.175	-0.007	-61.094	203.600
9	765	2.986	0.091	17.368	20.600	10	704	9.945	-0.007	-59.830	204.200
9	766	3.131	0.089	18.257	17.300	10	705	9.716	0.015	-58.209	204.000
9	767	3.266	0.089	19.064	14.600	10	706	9.428	0.030	-56.389	204.200
9						10	707	9.190	0.052	-54.831	204.900
9						10	708	8.917	0.049	-53.212	205.100

PROFILE 4

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
10	709	8.706	0.070	-51.817	204.600	10	768	0.932	0.082	-5.099	194.200
10	711	8.133	0.052	-48.491	204.000	10	825	0.843	0.073	-4.618	177.600
10	712	7.921	0.076	-47.068	203.400	10	769	0.769	0.052	-4.306	190.400
10	714	7.591	0.073	-45.105	204.400	10	771	0.672	0.085	-3.520	184.600
10	715	7.506	0.073	-44.595	204.100	10	772	0.549	0.073	-2.858	171.300
10	716	7.455	0.076	-44.275	203.400	10	773	0.430	0.067	-2.181	161.900
10	717	7.404	0.110	-43.762	202.100	10	774	0.268	0.064	-1.225	162.900
10	718	7.253	0.095	-42.949	201.300	10	775	0.025	0.024	-0.005	180.000
10	719	7.141	0.101	-42.238	200.900	10	777	0.501	0.058	2.662	340.400
10	721	6.846	0.079	-40.601	201.200	10	778	0.570	0.064	3.038	358.200
10	722	6.732	0.076	-39.937	200.800	10	779	0.708	0.055	3.920	9.600
10	723	6.620	0.061	-39.356	199.800	10	780	0.780	0.058	4.334	21.000
10	724	6.540	0.049	-38.947	198.600	10	781	0.929	0.070	5.155	23.100
10	729	5.853	0.045	-34.843	196.600	10	785	0.974	0.058	5.496	61.300
10	730	5.693	0.015	-34.071	196.800	10	782	1.064	0.064	5.999	27.100
10	731	5.562	0.039	-33.138	197.100	10	784	1.106	0.070	6.218	60.300
10	732	5.424	0.052	-32.235	197.900	10	786	1.173	0.055	6.711	29.700
10	733	5.269	0.049	-31.322	199.600	10	783	1.211	0.079	6.791	56.500
10	734	5.145	0.039	-30.635	198.900	10	787	1.340	0.070	7.621	37.600
10	821	5.136	0.061	-30.451	194.900	10	788	1.444	0.058	8.319	36.700
10	736	5.084	0.058	-30.158	196.500	10	789	1.537	0.067	8.938	34.600
10	738	5.019	0.052	-29.805	193.200	10	790	1.641	0.055	9.641	32.700
10	735	4.998	0.052	-29.680	198.000	10	791	1.785	0.042	10.338	32.700
10	739	4.967	0.076	-29.346	191.200	10	792	1.915	0.049	11.197	35.100
10	740	4.863	0.052	-28.869	190.100	10	794	1.977	0.067	11.441	27.200
10	741	4.766	0.052	-28.289	189.200	10	793	2.144	0.132	12.074	37.900
10	822	4.630	0.045	-27.505	188.500	10	796	2.250	0.030	13.321	26.000
10	743	4.443	0.073	-26.221	194.600	10	797	2.409	0.039	14.217	24.800
10	744	4.355	0.098	-25.542	195.400	10	798	2.530	0.021	15.056	27.800
10	745	4.281	0.091	-25.134	194.600	10	799	2.539	-0.029	15.528	37.100
10	746	4.197	0.089	-24.650	196.000	10	800	2.602	-0.019	15.728	29.500
10	747	4.066	0.076	-23.941	197.000	10	801	2.722	-0.035	16.542	30.300
10	823	3.931	0.116	-22.888	196.000	10	802	2.817	-0.029	17.076	30.300
10	748	3.839	0.070	-22.612	193.100	10	804	3.097	-0.044	18.848	31.800
10	824	3.769	0.079	-22.139	192.000	10	805	3.210	-0.062	19.635	32.500
10	593	3.664	0.079	-21.507	190.400	10	810	3.912	-0.072	23.903	33.400
10	750	3.457	0.067	-20.338	194.900	10	811	4.022	-0.090	24.672	35.300
10	751	3.300	0.070	-19.381	194.900	10	812	4.172	-0.090	25.569	35.600
10	752	3.145	0.070	-18.451	194.100	10	814	4.257	-0.090	26.084	36.800
10	753	2.982	0.082	-17.396	194.600	10	815	4.315	-0.093	26.430	38.300
10	754	2.858	0.079	-16.670	194.600	10	817	4.585	-0.152	28.416	38.700
10	755	2.670	0.070	-15.598	193.700	10	818	4.635	-0.158	28.756	37.600
10	756	2.577	0.091	-14.914	194.500	10	826	5.443	-0.093	33.215	36.300
10	757	2.445	0.061	-14.306	192.700						
10	758	2.369	0.070	-13.793	188.600						
10	759	2.331	0.073	-13.549	185.000	11	703	14.146	-0.112	-85.546	208.100
10	760	2.186	0.070	-12.696	180.500	11	704	13.974	-0.081	-84.332	208.500
10	761	2.005	0.070	-11.609	180.000	11	705	13.702	-0.081	-82.698	208.500
10	762	1.857	0.073	-10.705	181.900	11	706	13.298	-0.185	-80.898	208.700
10	763	1.731	0.073	-9.947	182.900	11	707	13.067	-0.170	-79.421	209.300
10	764	1.544	0.061	-8.902	182.700	11	708	12.801	-0.170	-77.823	209.500
10	765	1.424	0.079	-8.069	181.900	11	709	12.673	-0.059	-76.392	209.200
10	766	1.232	0.073	-6.954	188.000	11	711	12.040	-0.133	-73.036	209.100
10	767	1.080	0.067	-6.080	195.100	11	712	11.812	-0.118	-71.576	208.800
						11	714	11.556	-0.059	-69.689	209.500

PROFILE 4

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
11	715	11.471	-0.056	-69.163	209.400	11	772	4.436	-0.081	-27.100	214.400
11	716	11.409	-0.056	-68.791	209.000	11	773	4.310	-0.081	-26.344	214.900
11	717	11.280	-0.084	-68.184	208.200	11	774	4.237	-0.062	-25.795	216.600
11	718	11.113	-0.105	-67.308	207.800	11	775	4.116	-0.065	-25.091	218.800
11	719	10.983	-0.112	-66.568	207.600	11	777	3.926	-0.041	-23.801	224.300
11	721	10.738	-0.090	-64.965	207.900	11	778	3.767	-0.044	-22.865	223.800
11	722	10.623	-0.090	-64.276	207.800	11	779	3.566	-0.059	-21.750	223.900
11	723	10.471	-0.130	-63.606	207.200	11	780	3.429	-0.072	-21.001	222.500
11	724	10.389	-0.127	-63.094	206.500	11	781	3.312	-0.050	-20.174	222.800
11	729	9.672	-0.136	-58.847	205.900	11	783	3.341	-0.013	-20.122	212.900
11	730	9.532	-0.152	-58.099	206.100	11	784	3.229	-0.010	-19.435	212.100
11	731	9.412	-0.124	-57.212	206.500	11	782	3.177	-0.032	-19.249	222.500
11	732	9.293	-0.105	-56.392	207.100	11	783	3.103	-0.019	-18.731	212.600
11	733	9.186	-0.087	-55.636	208.200	11	786	3.069	-0.013	-18.492	222.200
11	734	9.032	-0.118	-54.897	207.900	11	787	2.923	0.012	-17.469	219.400
11	821	8.971	-0.087	-54.349	205.700	11	788	2.905	0.009	-16.776	219.900
11	736	9.057	0.021	-54.216	206.700	11	789	2.715	0.018	-16.186	221.200
11	735	8.927	-0.053	-53.883	207.600	11	790	2.604	0.015	-15.535	222.700
11	738	8.834	-0.090	-53.542	204.900	11	791	2.477	0.002	-14.848	223.100
11	739	8.757	-0.056	-52.882	204.000	11	792	2.334	0.012	-13.932	221.900
11	740	8.627	-0.087	-52.282	203.500	11	793	2.298	0.128	-13.016	219.700
11	741	8.488	-0.115	-51.615	203.100	11	796	2.106	0.030	-12.457	232.600
11	822	8.354	-0.108	-50.777	203.000	11	797	1.983	0.015	-11.809	235.800
11	743	8.306	-0.056	-50.174	206.500	11	798	1.817	0.033	-10.702	234.500
11	744	8.217	-0.047	-49.586	207.100	11	800	1.679	0.030	-9.896	233.700
11	745	8.139	-0.047	-49.113	206.700	11	799	1.639	0.042	-9.578	221.700
11	746	8.079	-0.047	-48.757	207.500	11	801	1.537	0.045	-9.069	236.600
11	747	7.962	-0.062	-48.147	208.200	11	802	1.481	0.052	-8.580	236.000
11	823	7.842	-0.002	-47.038	208.000	11	804	1.194	0.064	-6.782	238.700
11	748	7.690	-0.062	-46.511	206.700	11	805	1.048	0.052	-5.979	240.200
11	824	7.621	-0.038	-45.952	206.300	11	810	0.437	0.002	-2.611	279.300
11	393	7.484	-0.047	-45.188	205.800	11	811	0.292	0.024	-1.609	292.200
11	750	7.326	-0.084	-44.458	208.200	11	812	0.279	0.030	-1.494	326.100
11	751	7.182	-0.072	-43.523	208.400	11	814	0.252	0.027	-1.353	355.300
11	752	7.025	-0.068	-42.561	208.400	11	814	0.240	0.015	-1.353	355.300
11	753	6.891	-0.038	-41.570	209.000	11	815	1.073	0.042	1.383	29.000
11	754	6.761	-0.050	-40.868	209.200	11	815	1.036	-0.019	3.329	37.900
11	755	6.578	-0.050	-39.771	209.300	11	818	0.625	0.005	3.717	29.000
11	756	6.450	-0.078	-39.168	209.800	11	826	1.454	0.082	8.232	28.400
11	757	6.328	-0.081	-38.454	209.400						
11	758	6.238	-0.038	-37.655	208.200						
11	759	6.134	-0.053	-37.124	207.100						
11	760	5.932	-0.056	-35.927	206.200						
11	761	5.743	-0.075	-34.906	206.800						
11	762	5.634	-0.075	-34.254	208.000						
11	763	5.563	-0.047	-33.657	208.900						
11	764	5.370	-0.081	-32.707	209.600						
11	765	5.247	-0.072	-31.912	210.100						
11	766	5.130	-0.081	-31.263	212.300						
11	767	5.044	-0.081	-30.752	214.300						
11	768	4.914	-0.062	-29.859	215.100						
11	769	4.735	-0.090	-28.949	214.800						
11	825	4.728	-0.059	-28.724	212.800						
11	771	4.625	-0.053	-28.070	214.800						

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
12	1020	0.387	0.053	2.004	260.300	12	964	7.239	0.219	42.117	44.300
12	1019	0.374	0.044	1.394	286.500	12	963	7.391	0.241	42.900	44.900
12	1018	0.004	0.004	0.000	180.000	12	962	7.482	0.198	43.706	45.400
12	1017	0.144	0.022	0.729	307.500	12	960	7.929	0.342	45.519	44.400
12	1016	0.226	0.053	1.035	8.300	12	959	8.007	0.284	46.336	44.700
12	1015	0.338	0.053	1.709	30.300	12	958	8.060	0.228	46.986	44.100
12	1014	0.471	0.072	2.398	31.800	12	957	8.097	0.115	47.895	44.100
12	1013	0.609	0.096	3.078	34.700	12	956	8.264	0.173	48.544	43.900
12	1012	0.754	0.102	3.909	38.200	12	955	8.372	0.142	49.376	43.700
12	1011	0.938	0.105	4.994	44.500	12	954	8.661	0.281	50.279	43.600
12	1010	1.062	0.112	5.705	36.700	12	953	8.762	0.241	51.125	43.500
12	1009	1.192	0.118	6.449	45.100	12	952	8.863	0.235	51.773	43.400
12	1007	1.521	0.182	8.033	43.800	12	951	8.999	0.244	52.533	43.300
12	1006	1.636	0.158	8.870	41.600	12	950	9.119	0.228	53.344	42.700
12	1005	1.742	0.167	9.452	43.000	12	949	9.201	0.195	54.036	42.200
12	1004	1.877	0.167	10.260	44.200	12	948	9.313	0.201	54.675	42.700
12	1003	2.016	0.167	11.092	41.100	12	947	9.373	0.090	55.695	44.400
12	1002	2.135	0.158	11.866	39.100	12	946	9.489	0.084	56.433	44.500
12	1001	2.272	0.176	12.576	38.200	12	945	9.678	0.155	57.143	45.600
12	1000	2.396	0.167	13.374	37.200	12	944	9.778	0.136	57.854	45.900
12	999	2.556	0.176	14.278	37.800	12	943	9.867	0.087	58.681	45.900
12	998	2.737	0.182	15.330	38.500	12	942	10.006	0.059	59.679	46.600
12	997	2.861	0.191	16.020	38.500	12	941	10.129	0.075	60.324	46.300
12	996	2.975	0.173	16.810	38.900	12	940	10.167	0.038	60.773	47.300
12	995	3.107	0.179	17.567	40.800	12	939	10.317	0.145	61.028	45.400
12	994	3.210	0.170	18.240	42.100	12	938	10.327	0.059	61.605	44.900
12	993	3.300	0.158	18.853	43.900	12	936	10.587	0.078	63.057	43.900
12	992	3.428	0.164	19.584	43.300	12	935	10.792	0.133	63.954	44.200
12	991	3.589	0.155	20.605	44.100	12	934	10.913	0.152	64.571	43.500
12	990	3.676	0.127	21.296	47.600	12	932	11.121	0.093	66.166	44.600
12	989	3.863	0.167	22.176	44.600	12	931	11.277	0.130	66.881	43.300
12	988	4.033	0.161	23.234	43.200	12	930	11.333	0.065	67.606	44.700
12	987	4.144	0.155	23.939	43.600	12	929	11.521	0.081	68.640	45.000
12	986	4.250	0.167	24.499	42.300	12	928	11.751	0.152	69.595	44.900
12	985	4.379	0.185	25.163	42.600	12	927	11.749	0.032	70.307	44.800
12	984	4.541	0.176	26.187	43.800	12	924	12.143	0.059	72.506	44.300
12	983	4.644	0.161	26.901	44.400	12	923	12.439	0.231	73.245	43.900
12	982	4.818	0.176	27.851	44.900	12	922	12.839	0.072	74.206	44.000
12	981	4.918	0.167	28.504	43.400	12	921	12.516	0.041	74.848	44.000
12	980	5.062	0.185	29.259	43.300	12	919	12.855	0.105	76.497	43.600
12	979	5.167	0.167	29.999	43.100	12	918	13.009	0.118	77.350	43.700
12	978	5.324	0.191	30.792	42.900	12	917	13.117	0.108	78.049	43.200
12	977	5.457	0.179	31.665	42.600	12	914	13.539	0.115	80.549	43.700
12	976	5.625	0.191	32.599	43.000	12	913	13.781	0.219	81.369	43.800
12	975	5.722	0.179	33.255	42.700	12	912	13.767	0.105	81.971	43.600
12	974	5.875	0.148	34.362	42.900	12	911	13.909	0.133	82.655	43.800
12	973	6.004	0.148	35.132	43.600	12	910	14.068	0.164	83.428	44.300
12	972	6.120	0.130	35.937	44.000	12	909	14.304	0.222	84.491	43.000
12	971	6.242	0.136	36.636	44.000	12	907	14.624	0.213	86.467	43.900
12	970	6.385	0.118	37.605	43.800	12	906	14.699	0.207	86.951	43.900
12	968	6.743	0.204	39.236	45.300	12	905	14.798	0.078	88.324	45.500
12	967	6.808	0.204	39.625	44.600	12	904	14.831	0.087	88.465	44.300
12	966	6.914	0.185	40.374	44.200	12	903	14.905	0.105	88.800	44.900
12	965	7.100	0.210	41.341	44.300	12	902	14.937	0.081	89.138	44.500

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (1-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (1-X/6)	DISTANCE	AZIMUTH
12	101	15.049	0.078	89.830	44.800	12	1161	22.150	-0.039	133.135	43.800
12	1102	15.252	0.078	91.045	44.842	12	1163	22.475	0.047	134.568	43.700
12	1103	15.345	0.075	91.625	44.909	12	1164	22.505	-0.064	135.416	43.700
12	1104	15.424	0.094	91.968	43.905	12	1165	22.601	-0.070	136.028	43.700
12	1105	15.582	0.164	92.508	43.996	12	1166	22.710	-0.089	136.792	43.600
12	1106	15.565	0.016	93.291	44.755	12	1167	22.844	-0.101	137.666	43.600
12	1107	15.731	0.059	94.028	44.189	12	1168	22.903	-0.175	138.463	43.400
12	1109	15.954	0.013	95.648	43.846	12	1169	23.005	-0.175	139.076	43.200
12	1110	16.071	0.044	96.165	43.619	12	1170	23.031	-0.273	139.826	43.300
12	1111	16.246	0.041	97.229	43.909	12	1171	23.111	-0.270	140.285	43.500
12	1112	16.288	-0.033	97.925	43.150	12	1172	23.298	-0.227	141.152	43.700
12	1114	16.427	-0.049	98.054	44.435	12	1173	23.338	-0.329	141.997	43.900
12	1115	16.351	-0.082	99.627	43.931	12	1174	23.459	-0.319	142.670	44.100
12	1113	16.351	-0.073	98.546	42.477	12	1176	23.782	-0.227	144.052	43.900
12	1116	16.712	-0.015	100.358	45.018	12	1179	24.193	-0.224	146.503	44.100
12	1117	16.798	-0.015	100.878	43.680	12	1180	24.327	-0.212	147.233	44.000
12	1118	16.904	-0.021	101.546	44.431	12	1181	24.472	-0.199	148.037	44.200
12	1119	16.861	-0.184	102.268	43.981	12	1182	24.765	-0.033	148.786	44.000
12	1120	16.977	-0.144	102.726	44.028	12	1183	24.745	-0.205	149.703	44.000
12	1121	17.146	-0.091	103.422	44.277	12	1184	24.781	-0.318	150.592	43.800
12	1123	17.309	-0.178	104.625	43.467	12	1185	24.845	-0.342	151.123	43.900
12	1124	17.452	-0.098	105.297	43.246	12	1188	25.243	-0.395	153.825	44.300
12	1125	17.531	-0.141	106.032	43.470	12	1186	24.973	-0.373	152.078	43.900
12	1126	17.754	-0.067	106.923	43.973	12	1190	25.407	-0.481	155.327	44.300
12	1127	17.843	-0.104	107.678	43.940	12	1191	25.572	-0.447	156.111	44.400
12	1128	17.910	-0.135	108.267	44.117	12	1192	25.705	-0.441	156.874	44.500
12	1129	18.014	-0.171	109.114	43.878	12	1193	25.861	-0.401	157.570	44.600
12	1131	18.321	-0.122	110.658	43.417	12	1194	25.973	-0.419	158.351	44.700
12	1132	18.517	-0.030	111.285	42.846	12	1195	26.118	-0.419	159.221	44.700
12	1133	18.669	-0.045	112.285	43.177	12	1196	26.295	-0.376	160.030	44.600
12	1134	18.779	-0.018	112.777	42.732	12	1197	26.363	-0.444	160.840	44.400
12	1136	18.927	-0.110	114.225	41.823	12	1198	26.513	-0.419	161.595	44.500
12	1137	19.015	-0.132	114.877	42.106	12	1199	26.705	-0.395	162.601	44.600
12	1138	19.202	-0.082	115.709	42.439	12	1200	26.886	-0.324	163.259	44.500
12	1139	19.347	-0.082	116.576	42.757	12	1202	27.028	-0.444	164.817	44.100
12	1140	19.475	-0.070	117.268	42.700	12	1201	26.939	-0.364	163.815	44.200
12	1141	19.731	0.056	118.052	42.259	12	1203	27.219	-0.364	165.499	44.200
12	1142	19.829	-0.049	119.264	42.189	12	1205	27.567	-0.312	167.269	44.400
12	1143	19.891	-0.091	119.898	42.732	12	1207	27.654	-0.478	168.791	44.400
12	1144	19.888	-0.230	120.706	42.989	12	1208	27.552	-0.709	169.563	44.500
12	1145	19.965	-0.255	121.315	43.035	12	1209	27.553	-0.721	169.645	44.400
12	1146	20.014	-0.255	121.613	43.257	12	1210	27.843	-0.752	171.564	44.900
12	1147	20.212	-0.208	122.525	43.050	12	1211	28.117	-0.921	174.225	44.600
12	1149	20.548	0.044	123.024	43.605	12	1212	28.415	-0.921	174.013	44.600
12	1150	20.742	0.050	124.154	43.297	12	1213	28.942	-0.581	177.135	44.600
12	1151	20.762	-0.089	125.103	43.310	12	1214	28.795	-0.947	178.451	44.600
12	1153	21.062	-0.058	126.717	43.381	12	1215	28.874	-1.165	180.239	44.600
12	1154	21.220	-0.049	127.611	43.454	12	1216	29.320	-0.928	181.489	44.400
12	1155	21.265	-0.064	127.976	43.634	12	1217	29.367	-1.048	182.490	44.600
12	1156	21.409	-0.064	128.834	43.602	12	1218	29.625	-0.938	183.373	44.700
12	1157	21.572	-0.064	129.814	43.451	12	1219	33.456	-0.590	204.274	44.400
12	1158	21.894	0.145	130.492	43.335	12	1220	33.783	-0.553	206.018	44.200
12	1159	21.868	-0.039	131.443	43.312						
12	1160	21.983	-0.067	132.300	43.511						
13	1070	5.432	0.158	-31.643							

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
13	1019	5.284	0.172	-30.674	225.400	13	963	2.296	0.142	12.920	49.100
13	1017	5.182	0.165	-30.106	224.500	13	962	2.419	0.127	13.750	50.300
13	1018	5.169	0.165	-30.027	223.100	13	961	2.567	0.112	14.732	48.500
13	1016	5.029	0.165	-29.182	224.300	13	960	2.707	0.122	15.514	47.000
13	1015	4.892	0.165	-28.362	223.900	13	959	2.840	0.117	16.340	47.600
13	1014	4.785	0.172	-27.678	224.100	13	958	2.940	0.112	16.972	46.000
13	1012	4.513	0.158	-26.134	223.800	13	957	3.071	0.091	17.879	45.900
13	1011	4.330	0.158	-25.035	222.800	13	956	3.235	0.147	18.524	45.300
13	1010	4.219	0.158	-24.365	224.600	13	955	3.306	0.081	19.353	44.700
13	1009	4.088	0.158	-23.584	222.500	13	954	3.462	0.086	20.254	44.300
13	1008	3.981	0.158	-22.940	224.700	13	953	3.592	0.076	21.100	44.200
13	1007	3.888	0.222	-21.994	222.800	13	952	3.700	0.076	21.746	43.900
13	1006	3.684	0.158	-21.160	223.700	13	951	3.857	0.106	22.506	43.500
13	1005	3.587	0.158	-20.575	223.100	13	950	3.983	0.096	23.320	42.100
13	1004	3.460	0.165	-19.771	222.500	13	949	4.109	0.106	24.018	41.100
13	1003	3.322	0.165	-18.945	224.200	13	948	4.189	0.081	24.650	42.300
13	1002	3.185	0.150	-18.207	225.700	13	947	4.361	0.081	25.682	45.800
13	1001	3.064	0.143	-17.527	226.600	13	946	4.459	0.055	26.422	46.000
13	1000	2.961	0.165	-16.778	227.800	13	945	4.665	0.168	28.985	224.100
13	999	2.823	0.179	-15.865	227.900	13	945	4.569	0.040	27.173	48.400
13	998	2.660	0.194	-14.797	227.900	13	944	4.674	0.024	27.899	49.000
13	997	2.546	0.194	-14.116	228.300	13	943	4.806	0.019	28.721	48.800
13	996	2.384	0.165	-13.316	228.400	13	942	5.000	0.040	29.760	50.200
13	995	2.240	0.158	-12.493	226.300	13	941	5.140	0.076	30.384	49.500
13	994	2.123	0.158	-11.795	224.700	13	940	5.209	0.060	30.894	51.300
13	993	2.021	0.158	-11.180	221.700	13	939	5.224	0.050	31.045	47.600
13	992	1.898	0.158	-10.443	222.700	13	938	5.333	0.065	31.604	46.600
13	991	1.730	0.150	-9.433	220.800	13	937	5.570	0.183	32.323	45.200
13	990	1.686	0.194	-8.957	212.300	13	936	5.581	0.076	33.034	44.600
13	989	1.457	0.143	-7.880	218.900	13	935	5.691	0.035	33.936	45.200
13	988	1.304	0.172	-6.793	222.900	13	934	5.792	0.035	34.544	43.800
13	987	1.159	0.143	-6.093	221.100	13	933	5.948	0.076	35.236	46.200
13	986	1.052	0.129	-5.539	226.400	13	932	6.086	0.060	36.155	45.800
13	985	0.969	0.158	-4.871	225.900	13	931	6.182	0.040	36.854	43.500
13	984	0.743	0.100	-3.858	218.000	13	930	6.316	0.050	37.598	46.100
13	983	0.597	0.064	-3.194	212.000	13	929	6.510	0.071	38.638	46.400
13	982	0.464	0.072	-2.357	201.500	13	928	6.638	0.040	39.590	46.200
13	980	0.173	0.043	-0.778	214.000	13	927	6.751	0.035	40.298	46.000
13	979	0.012	0.007	0.030	198.600	13	925	7.013	0.050	41.781	45.300
13	978	0.164	0.036	0.770	37.100	13	924	7.136	0.055	42.487	45.200
13	981	0.298	0.043	1.531	217.500	13	923	7.274	0.071	43.222	44.500
13	977	0.320	0.043	1.663	32.900	13	922	7.409	0.045	44.184	44.700
13	976	0.515	0.086	2.572	41.900	13	921	7.541	0.071	44.825	44.600
13	975	0.633	0.093	3.237	38.500	13	919	7.785	0.040	46.471	44.000
13	974	0.816	0.093	4.337	41.500	13	918	8.040	0.153	47.324	44.000
13	973	0.979	0.127	5.114	46.800	13	917	8.007	0.004	48.022	43.300
13	972	1.127	0.132	5.967	51.900	13	914	8.566	0.132	50.606	44.100
13	971	1.257	0.153	6.627	47.900	13	913	8.626	0.055	51.428	44.200
13	970	1.423	0.158	7.589	46.700	13	912	8.675	0.004	52.028	43.900
13	968	1.713	0.163	9.299	52.400	13	911	8.877	0.091	52.715	44.200
13	967	1.764	0.158	9.639	49.200	13	910	9.012	0.096	53.498	45.000
13	966	1.891	0.163	10.369	47.500	13	909	9.152	0.060	54.548	43.000
13	965	2.052	0.163	11.335	47.300	13	908	9.363	0.112	55.508	44.300
13	964	2.177	0.158	12.113	47.400	13	907	9.523	0.101	56.532	44.200

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
13	906	9.609	0.106	57.017	44.300	14	973	4.281	0.071	-25.266	230.300
13	905	9.809	0.071	58.430	46.700	14	972	4.088	0.019	-24.410	229.200
13	904	9.822	0.065	58.540	45.000	14	971	3.977	0.019	-23.749	230.200
13	903	9.906	0.091	58.888	45.800	14	970	3.824	0.024	-22.796	230.700
13	902	9.945	0.076	59.217	45.200	14	968	3.560	0.045	-21.088	228.600
13	101	10.031	0.045	59.918	45.700	14	967	3.531	0.076	-20.733	230.000
						14	966	3.401	0.065	-20.014	230.900
						14	965	3.246	0.071	-19.052	231.200
14	1020	10.374	0.045	-61.973	227.500	14	964	3.127	0.081	-18.274	231.300
14	1019	10.213	0.045	-61.007	227.600	14	963	2.995	0.086	-17.454	230.200
14	1017	10.171	0.101	-60.419	227.100	14	962	2.851	0.081	-16.623	229.300
14	1018	10.116	0.045	-60.304	226.400	14	961	2.673	0.065	-15.646	230.900
14	1016	9.950	0.035	-59.491	227.100	14	960	2.558	0.076	-14.894	232.600
14	1015	9.837	0.060	-58.662	226.900	14	959	2.418	0.076	-14.056	232.200
14	1014	9.714	0.050	-57.984	227.000	14	958	2.338	0.091	-13.480	234.400
14	1013	9.604	0.055	-57.292	227.100	14	957	2.189	0.091	-12.589	235.200
14	1012	9.435	0.030	-56.436	227.000	14	956	2.145	0.147	-11.989	236.600
14	1011	9.248	0.030	-55.313	226.600	14	955	1.946	0.096	-11.220	238.400
14	1010	9.164	0.050	-54.686	227.400	14	954	1.848	0.117	-10.384	240.400
14	1009	9.031	0.035	-53.856	226.600	14	953	1.709	0.112	-9.587	242.000
14	1008	8.912	0.035	-53.266	227.600	14	952	1.619	0.117	-9.013	244.000
14	1007	8.835	0.122	-52.278	226.800	14	951	1.519	0.127	-8.352	246.600
14	1006	8.674	0.096	-51.467	227.300	14	950	1.431	0.117	-7.884	252.800
14	1005	8.508	0.030	-50.870	227.100	14	949	1.377	0.122	-7.531	258.200
14	1004	8.407	0.045	-50.052	226.900	14	948	1.238	0.117	-6.727	258.000
14	1003	8.276	0.065	-49.266	227.600	14	947	0.939	0.096	-5.055	249.900
14	1002	8.132	0.040	-48.553	228.200	14	946	0.843	0.117	-4.359	253.000
14	1001	8.036	0.055	-47.884	228.600	14	945	0.615	0.071	-3.265	240.700
14	1000	7.897	0.040	-47.144	229.000	14	944	0.492	0.076	-2.501	238.000
14	999	7.766	0.060	-46.232	229.100	14	943	0.337	0.050	-1.720	245.700
14	998	7.588	0.060	-45.164	229.100	14	942	0.129	0.019	-0.661	207.700
14	997	7.521	0.106	-44.486	229.300	14	941	0.043	0.040	0.138	324.800
14	996	7.382	0.101	-43.686	229.300	14	940	0.197	0.035	0.977	108.300
14	995	7.233	0.091	-42.851	228.700	14	939	0.283	0.065	1.307	349.800
14	994	7.103	0.081	-42.136	228.300	14	938	0.417	0.071	2.078	354.700
14	993	6.983	0.071	-41.474	227.600	14	937	0.590	0.045	3.148	355.800
14	992	6.869	0.076	-40.759	227.900	14	936	0.721	0.071	3.903	0.200
14	991	6.629	0.009	-39.721	227.600	14	935	0.814	0.086	4.371	12.200
14	990	6.588	0.086	-39.015	225.800	14	933	0.975	0.096	5.272	25.300
14	989	6.371	0.014	-38.144	227.500	14	934	0.948	0.055	5.356	7.900
14	988	6.233	0.045	-37.126	228.500	14	932	1.147	0.112	6.211	26.400
14	987	6.169	0.101	-36.409	228.300	14	931	1.369	0.132	7.422	17.400
14	986	6.054	0.071	-35.903	229.200	14	930	1.354	0.096	7.547	31.100
14	985	5.984	0.112	-35.234	229.200	14	929	1.539	0.122	8.501	34.800
14	984	5.718	0.024	-34.160	228.400	14	927	1.805	0.106	10.189	34.800
14	983	5.611	0.040	-33.430	228.100	14	925	2.083	0.127	11.739	33.900
14	982	5.456	0.045	-32.469	227.800	14	924	2.202	0.127	12.453	34.000
14	981	5.341	0.030	-31.870	229.100	14	923	2.344	0.132	13.270	32.500
14	980	5.227	0.040	-31.122	229.300	14	922	2.574	0.209	14.191	33.800
14	979	5.106	0.040	-30.398	229.700	14	921	2.574	0.101	14.836	34.000
14	978	4.982	0.045	-29.621	230.100	14	920	2.739	0.106	15.793	33.800
14	977	4.847	0.050	-28.783	230.700	14	919	2.864	0.106	16.544	33.300
14	976	4.662	0.024	-27.825	230.500	14	918	2.982	0.086	17.377	34.000
14	975	4.558	0.024	-27.199	231.000	14	917	3.093	0.065	18.167	32.600
14	974	4.377	0.030	-26.087	231.100	14					

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
14	914	3.524	0.091	20.600	35.900	4	979	9.990	-0.005	-59.971	225.700
14	913	3.665	0.096	21.410	36.300	4	978	9.905	0.041	-59.182	225.800
14	912	3.769	0.096	22.037	35.900	4	977	9.801	0.081	-58.321	226.100
14	911	3.898	0.117	22.685	36.700	4	976	9.564	0.001	-57.377	225.900
14	910	4.007	0.112	23.370	38.900	4	975	9.456	0.001	-56.730	226.100
14	909	4.221	0.112	24.656	34.700	4	974	9.224	-0.045	-55.618	226.000
14	907	4.543	0.132	26.466	38.000	4	973	9.189	0.050	-54.831	225.600
14	906	4.628	0.137	26.943	38.200	4	972	9.007	0.004	-54.017	225.000
14	905	4.742	0.150	28.153	43.400	4	971	8.857	-0.030	-53.323	225.400
14	904	4.839	0.106	28.393	39.900	4	970	8.715	-0.012	-52.356	225.600
14	903	4.829	0.050	28.672	41.600	4	968	8.528	0.075	-50.722	224.500
14	902	4.912	0.071	29.049	40.400	4	967	8.395	0.007	-50.328	225.000
4	1020	15.180	-0.067	-91.482	225.600	4	966	8.221	-0.042	-49.582	225.300
4	1019	15.028	-0.058	-90.514	225.600	4	965	8.088	-0.015	-48.615	225.300
4	1017	15.087	-0.096	-89.945	225.300	4	964	7.983	0.010	-47.838	225.300
4	1018	14.897	-0.079	-89.856	224.800	4	963	7.852	0.010	-47.055	224.800
4	1016	14.764	-0.073	-89.022	225.200	4	962	7.701	-0.009	-46.254	224.300
4	1015	14.701	-0.001	-88.201	225.100	4	961	7.531	-0.009	-45.238	224.800
4	1014	14.529	-0.058	-87.519	225.200	4	960	7.376	-0.030	-44.436	225.300
4	1013	14.401	-0.070	-86.826	225.200	4	959	7.264	-0.005	-43.618	225.000
4	1012	14.238	-0.091	-85.974	225.100	4	958	7.178	0.016	-42.972	225.600
4	1011	14.071	-0.073	-84.867	224.900	4	957	7.018	0.007	-42.064	225.600
4	1010	13.965	-0.070	-84.211	225.400	4	956	6.978	0.075	-41.420	225.900
4	1009	13.832	-0.070	-83.414	224.800	4	955	6.782	0.016	-40.593	226.200
4	1008	13.728	-0.070	-82.789	225.400	4	954	6.635	0.019	-39.697	226.400
4	1007	13.661	0.022	-81.831	224.900	4	953	6.482	0.007	-38.853	226.500
4	1006	13.520	0.019	-81.006	225.200	4	952	6.465	0.096	-38.212	226.700
4	1005	13.327	-0.076	-80.417	225.000	4	951	6.266	0.022	-37.460	227.000
4	1004	13.206	-0.076	-79.695	224.900	4	950	6.138	0.022	-36.694	228.000
4	1003	13.062	-0.085	-78.885	225.400	4	949	6.024	0.016	-36.046	228.700
4	1002	12.940	-0.085	-78.151	225.700	4	948	5.922	0.029	-35.362	228.100
4	1001	12.826	-0.064	-77.468	225.900	4	947	5.745	0.035	-34.262	225.600
4	1000	12.721	-0.064	-76.710	226.200	4	946	5.649	0.062	-33.523	225.500
4	999	12.591	-0.042	-75.797	226.200	4	945	5.549	0.078	-32.831	223.400
4	998	12.443	-0.012	-74.730	226.100	4	944	5.446	0.090	-32.136	222.800
4	997	12.342	0.001	-74.046	226.200	4	943	5.280	0.062	-31.307	222.900
4	996	12.187	-0.021	-73.246	226.200	4	942	5.115	0.053	-30.373	221.300
4	995	12.061	-0.012	-72.436	225.800	4	941	5.009	0.059	-29.699	221.800
4	994	11.951	-0.005	-71.737	225.500	4	940	4.956	0.062	-29.359	219.800
4	993	11.848	-0.002	-71.103	225.100	4	939	4.913	0.090	-28.939	223.600
4	992	11.733	0.004	-70.377	225.000	4	938	4.806	0.081	-28.350	224.700
4	991	11.565	0.007	-69.350	225.300	4	937	4.666	0.062	-27.622	226.300
4	990	11.465	0.016	-68.696	224.000	4	936	4.522	0.035	-26.921	227.100
4	989	11.294	-0.002	-67.778	224.900	4	935	4.382	0.047	-26.009	226.300
4	988	11.119	-0.002	-66.730	225.400	4	934	4.259	0.019	-25.440	228.300
4	987	11.056	0.053	-66.020	225.300	4	933	4.153	0.035	-24.712	225.000
4	986	11.016	0.102	-65.481	225.800	4	932	4.003	0.038	-23.789	225.500
4	985	10.859	0.056	-64.814	225.700	4	931	3.893	0.035	-23.152	229.100
4	984	10.635	0.007	-63.771	225.200	4	930	3.759	0.035	-22.348	225.100
4	983	10.513	0.004	-63.053	225.000	4	929	3.630	0.078	-21.316	224.400
4	982	10.385	0.035	-62.104	224.800	4	928	3.422	0.029	-20.360	224.600
4	981	10.247	0.004	-61.459	225.500	4	927	3.303	0.029	-19.648	225.100
4	980	10.143	0.025	-60.706	225.500	4	925	3.056	0.029	-18.165	226.600
4						4	924	2.939	0.029	-17.461	227.000

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
4	923	2.826	0.035	-16.751	228.700	4	1136	4.083	-0.085	25.008	30.944
4	922	2.687	0.056	-15.783	228.600	4	1137	4.158	-0.101	25.530	32.465
4	921	2.575	0.050	-15.149	229.000	4	1138	4.293	-0.085	26.268	34.207
4	920	2.415	0.041	-14.243	230.200	4	1139	4.422	-0.085	27.044	35.822
4	919	2.323	0.062	-13.562	231.700	4	1140	4.526	-0.098	27.745	35.755
4	918	2.172	0.053	-12.712	232.000	4	1141	4.651	-0.122	28.642	34.149
4	917	2.083	0.062	-12.121	235.100	4	1142	4.827	-0.150	29.864	34.202
4	914	1.665	0.090	-9.453	234.100	4	1143	4.949	-0.110	30.353	36.484
4	913	1.511	0.072	-8.639	234.800	4	1144	5.058	-0.125	31.103	37.630
4	912	1.415	0.065	-8.099	237.200	4	1146	5.217	-0.110	31.959	38.796
4	911	1.319	0.090	-7.377	236.600	4	1147	5.331	-0.153	32.906	38.154
4	910	1.121	0.041	-6.480	231.400	4	1149	5.443	-0.110	33.317	40.261
4	909	1.098	0.093	-6.029	251.000	4	1150	5.608	-0.141	34.490	39.268
4	908	0.838	0.062	-4.652	242.700	4	1151	5.753	-0.153	35.436	39.422
4	907	0.680	0.062	-3.709	248.300	4	1152	5.871	-0.171	36.254	39.500
4	906	0.598	0.056	-3.249	250.900	4	1153	6.007	-0.165	37.037	39.833
4	905	0.331	0.029	-1.816	192.800	4	1154	6.130	-0.190	37.922	40.160
4	904	0.285	0.019	-1.592	253.700	4	1155	6.309	-0.169	38.264	40.791
4	903	0.193	0.016	-1.058	221.600	4	1156	6.319	-0.202	39.126	40.747
4	902	0.179	0.029	-0.905	262.200	4	1157	6.467	-0.221	40.127	40.330
4	101	0.027	0.022	-0.029	255.800	4	1158	6.625	-0.178	40.817	40.015
4	101	0.024	0.016	0.044	319.710	4	1159	6.741	-0.221	41.771	40.019
4	1102	0.213	0.010	1.220	44.117	4	1160	6.861	-0.239	42.603	40.699
4	1103	0.320	0.019	1.803	47.749	4	1161	7.020	-0.215	43.410	41.600
4	1104	0.498	0.062	2.616	9.488	4	1163	7.227	-0.249	44.853	41.300
4	1105	0.545	0.044	3.009	17.629	4	1164	7.384	-0.233	45.700	41.400
4	1106	0.589	0.010	3.472	42.252	4	1165	7.461	-0.258	46.314	41.400
4	1107	0.767	0.044	4.339	30.401	4	1166	7.583	-0.264	47.083	41.300
4	1108	0.867	0.007	5.160	43.698	4	1167	7.717	-0.276	47.940	41.300
4	1109	1.037	0.029	6.031	28.811	4	1168	7.853	-0.276	48.774	40.900
4	1110	1.131	0.022	6.653	26.809	4	1169	7.961	-0.276	49.420	40.100
4	1111	1.272	0.010	7.549	32.694	4	1170	8.036	-0.322	50.152	40.600
4	1112	1.460	0.032	8.572	25.106	4	1171	8.149	-0.282	50.588	41.200
4	1114	1.496	-0.015	9.064	40.323	4	1172	8.309	-0.264	51.438	41.700
4	1113	1.625	0.032	9.559	19.669	4	1173	8.499	-0.212	52.264	42.400
4	1115	1.625	-0.030	9.929	35.609	4	1174	8.496	-0.325	52.926	42.900
4	1116	1.768	0.010	10.547	46.423	4	1175	8.906	-0.005	53.469	42.300
4	1117	1.942	-0.030	11.235	34.315	4	1176	8.750	-0.304	54.321	42.500
4	1118	1.948	-0.012	11.755	41.231	4	1179	9.136	-0.325	56.770	42.700
4	1119	2.048	-0.042	12.542	37.759	4	1180	9.257	-0.325	57.497	42.900
4	1120	2.123	-0.042	12.989	38.350	4	1181	9.398	-0.316	58.287	43.200
4	1121	2.257	-0.018	13.647	40.506	4	1182	9.563	-0.279	59.053	42.800
4	1123	2.424	-0.076	15.001	35.188	4	1183	9.652	-0.344	59.977	42.700
4	1124	2.547	-0.079	15.728	34.078	4	1184	9.812	-0.335	60.879	42.200
4	1125	2.644	-0.089	16.396	35.915	4	1185	9.887	-0.347	61.401	42.500
4	1126	2.811	-0.052	17.183	39.397	4	1186	10.125	-0.267	62.354	42.700
4	1127	2.957	-0.033	17.942	39.390	4	1188	10.306	-0.375	64.086	43.500
4	1128	3.030	-0.055	18.507	40.565	4	1189	10.459	-0.313	64.634	43.500
4	1129	3.154	-0.076	19.384	39.380	4	1190	10.653	-0.279	65.590	43.500
4	1130	3.275	-0.085	20.161	36.730	4	1191	10.801	-0.261	66.372	43.900
4	1131	3.422	-0.079	21.007	37.300	4	1192	10.925	-0.264	67.132	43.900
4	1132	3.552	-0.076	21.748	34.586	4	1193	10.982	-0.322	67.827	44.200
4	1133	3.736	-0.045	22.689	36.319	4	1194	11.100	-0.335	68.606	44.500
4	1134	3.795	-0.085	23.380	34.571	4	1195	11.230	-0.350	69.477	44.600

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIRUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIRUTH
4	1196	11.433	-0.282	70.289	44.300	15	1133	1.040	0.035	-6.032	205.976
4	1197	11.578	-0.273	71.104	43.900	15	1134	0.914	0.019	-5.366	212.323
4	1198	11.635	-0.341	71.857	44.100	15	1136	0.677	0.022	-3.928	234.965
4	1199	11.809	-0.335	72.863	44.300	15	1137	0.554	0.022	-3.192	227.732
4	1200	11.950	-0.304	73.525	44.000	15	1138	0.393	-0.002	-2.374	213.512
4	1201	11.967	-0.381	74.090	43.500	15	1139	0.315	0.016	-1.794	189.083
4	1202	12.135	-0.382	75.101	43.100	15	1140	0.218	0.019	-1.195	173.668
4	1203	12.346	-0.284	75.779	43.300	15	1141	0.007	0.007	0.000	180.000
4	1205	12.603	-0.321	77.543	43.800	15	1141	0.004	0.004	0.000	180.000
4	1206	12.755	-0.287	78.254	43.700	15	1142	0.201	-0.002	1.222	35.446
4	1207	12.826	-0.352	79.065	44.000	15	1143	0.395	0.047	2.088	70.388
4	1208	12.991	-0.315	79.836	44.100	15	1143	0.359	0.050	3.053	72.285
4	1209	12.969	-0.352	79.921	43.900	15	1144	0.659	0.053	3.638	68.933
4	1210	13.293	-0.330	81.739	44.900	15	1146	0.857	0.170	4.120	72.996
4	1211	13.845	-0.222	84.405	44.400	15	1147	0.836	0.041	4.768	62.906
4	1212	14.180	-0.185	86.193	44.400	15	1149	1.030	0.078	5.711	72.465
4	1213	14.256	-0.296	87.315	44.400	15	1150	1.139	0.059	6.481	62.444
4	1214	14.402	-0.370	88.630	44.400	15	1151	1.270	0.038	7.392	60.235
4	1215	14.703	-0.367	90.419	44.400	15	1153	1.520	0.022	8.988	58.188
4	1216	14.894	-0.385	91.675	44.100	15	1154	1.671	0.022	9.895	57.764
4	1217	15.087	-0.358	92.671	44.400	15	1155	1.750	0.025	10.350	59.415
4	1218	15.219	-0.373	93.552	44.500	15	1156	1.886	0.025	11.161	57.857
4	1219	18.722	-0.355	114.462	44.100	15	1157	2.005	-0.002	12.044	55.131
4	1220	19.092	-0.278	116.217	43.600	15	1158	2.105	-0.005	12.660	53.351
15	101	4.665	-0.106	-28.631	214.234	15	1159	2.238	-0.027	13.591	52.435
15	102	4.477	-0.096	-27.442	213.709	15	1160	2.401	-0.018	14.511	53.674
15	103	4.366	-0.117	-26.894	213.248	15	1161	2.550	-0.024	15.444	55.349
15	104	4.295	-0.086	-26.286	216.524	15	1163	2.743	-0.058	16.805	53.473
15	105	4.199	-0.096	-25.771	216.048	15	1164	2.878	-0.064	17.654	53.236
15	106	4.111	-0.091	-25.210	213.039	15	1165	2.945	-0.076	18.250	52.761
15	107	4.004	-0.049	-24.314	214.816	15	1166	3.077	-0.089	18.992	52.104
15	109	3.707	-0.064	-22.623	215.572	15	1167	3.210	-0.098	19.847	51.519
15	110	3.628	-0.049	-22.059	216.354	15	1168	3.325	-0.107	20.592	50.194
15	111	3.470	-0.042	-21.076	214.671	15	1169	3.413	-0.110	21.138	48.240
15	112	3.312	-0.058	-20.220	215.572	15	1170	3.521	-0.132	21.915	48.941
15	114	3.240	-0.036	-19.656	211.312	15	1171	3.622	-0.116	22.428	50.175
15	113	3.222	-0.033	-19.531	221.165	15	1172	3.780	-0.110	23.338	50.953
15	115	3.071	-0.049	-18.718	213.376	15	1173	3.933	-0.122	24.256	52.125
15	116	3.095	-0.016	-18.476	207.192	15	1174	4.043	-0.122	24.992	52.987
15	117	2.880	-0.021	-17.407	214.042	15	1175	4.119	-0.119	25.431	51.482
15	118	2.835	-0.005	-17.041	209.279	15	1176	4.257	-0.125	26.292	51.473
15	119	2.701	0.010	-16.146	211.350	15	1179	4.629	-0.162	28.749	51.198
15	120	2.611	-0.009	-15.718	210.685	15	1180	4.756	-0.159	29.491	51.305
15	121	2.558	0.032	-15.157	208.439	15	1181	4.909	-0.144	30.315	51.637
15	123	2.288	0.013	-13.646	213.009	15	1182	5.020	-0.150	31.019	50.658
15	1174	2.169	0.016	-12.915	214.236	15	1183	5.151	-0.169	31.916	50.258
15	1125	2.060	0.016	-12.766	211.793	15	1184	5.293	-0.165	32.753	49.247
15	1126	1.987	0.047	-11.639	206.407	15	1185	5.381	-0.171	33.313	49.715
15	1127	1.870	0.053	-10.901	205.518	15	1186	5.532	-0.181	34.274	49.731
15	1128	1.787	0.044	-10.460	202.767	15	1188	5.789	-0.230	36.112	50.938
15	1129	1.634	0.050	-9.506	203.455	15	1189	6.046	-0.221	37.599	50.581
15	1131	1.342	0.050	-7.755	205.602	15	1190	6.174	-0.227	38.403	50.782
15	1132	1.168	0.022	-6.877	212.770	15	1192	6.295	-0.236	39.188	51.011

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (FEAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
15	1193	6.401	-0.252	39.918	51.374	16	1130	4.830	-0.199	-30.172	223.118
15	1194	6.532	-0.258	40.739	51.777	16	1131	4.883	-0.202	-29.310	222.894
15	1195	6.675	-0.261	41.615	51.764	16	1132	4.636	-0.147	-28.695	225.083
15	1196	6.801	-0.261	42.370	51.058	16	1133	4.467	-0.147	-27.681	224.032
15	1197	6.922	-0.261	43.128	50.332	16	1134	4.388	-0.147	-27.211	223.674
15	1198	7.038	-0.279	43.906	50.569	16	1136	4.206	-0.116	-25.931	229.811
15	1199	7.211	-0.276	44.924	50.646	16	1137	4.071	-0.132	-25.214	228.748
15	1207	8.211	-0.298	51.051	49.409	16	1138	3.904	-0.150	-24.321	227.412
15	1208	8.355	-0.285	51.842	49.612	16	1139	3.724	-0.178	-23.411	226.028
15	1209	8.351	-0.298	51.891	49.173	16	1140	3.638	-0.150	-22.727	228.422
15	1210	8.749	-0.239	53.931	50.535	16	1141	3.548	-0.122	-22.023	228.895
15	1211	9.107	-0.313	56.522	49.572	16	1142	3.375	-0.098	-20.836	229.675
15	1212	9.481	-0.236	58.301	49.367	16	1143	3.236	-0.113	-20.096	226.716
15	1213	9.652	-0.252	59.421	49.285	16	1144	3.100	-0.110	-19.261	225.291
15	1214	9.841	-0.282	60.737	49.226	16	1145	3.004	-0.104	-18.648	225.066
15	1215	10.127	-0.298	62.521	49.085	16	1146	2.959	-0.098	-18.342	223.638
15	1216	10.396	-0.325	63.726	48.460	16	1147	2.811	-0.095	-17.936	225.102
15	1217	10.499	-0.295	64.762	48.865	16	1150	2.569	-0.064	-15.798	223.386
15	1218	10.648	-0.295	65.657	48.967	16	1151	2.414	-0.061	-14.848	223.283
15	1219	14.036	-0.359	86.373	47.357	16	1152	2.277	-0.061	-14.029	223.306
15	1220	14.437	-0.242	88.076	46.687	16	1153	2.160	-0.045	-13.234	222.605
15	1200	7.337	-0.255	45.548	50.149	16	1154	2.039	-0.018	-12.343	221.802
15	1201	7.394	-0.279	46.042	49.258	16	1155	1.982	-0.018	-11.999	219.844
15	1202	7.514	-0.319	47.001	48.533	16	1156	1.851	-0.005	-11.137	219.923
15	1203	7.717	-0.233	47.702	48.796	16	1157	1.681	-0.009	-10.136	221.487
15	1205	7.986	-0.267	49.515	49.314	16	1158	1.561	-0.015	-9.453	222.928
16	1101	8.109	-0.267	-50.255	220.614	16	1159	1.396	-0.021	-8.501	223.235
16	1102	7.892	-0.282	-49.044	220.476	16	1160	1.274	-0.002	-7.660	219.818
16	1103	7.775	-0.304	-48.475	220.299	16	1161	1.163	0.013	-6.901	214.300
16	1104	7.767	-0.239	-48.037	220.975	16	1163	0.932	0.025	-5.441	214.600
16	1105	7.681	-0.236	-47.502	221.170	16	1164	0.798	0.029	-4.619	212.100
16	1106	7.553	-0.245	-46.791	221.975	16	1165	0.703	0.035	-4.009	211.000
16	1107	7.433	-0.233	-45.995	220.439	16	1166	0.569	0.029	-3.241	209.800
16	1108	7.264	-0.255	-45.111	221.515	16	1167	0.431	0.035	-2.378	206.500
16	1109	7.162	-0.230	-44.351	220.207	16	1168	0.274	0.022	-1.510	210.900
16	1110	7.092	-0.212	-43.824	222.627	16	1169	0.163	0.010	-0.918	244.100
16	1111	6.920	-0.208	-42.774	221.949	16	1170	0.034	0.016	-0.109	219.500
16	1112	6.792	-0.218	-42.056	223.669	16	1171	0.150	0.044	0.640	100.400
16	1113	6.693	-0.218	-41.463	225.267	16	1172	0.308	0.050	1.546	81.700
16	1114	6.621	-0.245	-41.198	220.617	16	1173	0.477	0.047	2.583	80.800
16	1115	6.506	-0.224	-40.376	221.778	16	1174	0.599	0.032	3.405	80.400
16	1116	6.444	-0.187	-39.787	219.018	16	1175	0.636	0.041	3.569	67.600
16	1117	6.331	-0.187	-39.110	222.351	16	1176	0.759	0.025	4.403	64.500
16	1119	6.100	-0.190	-37.738	221.493	16	1179	1.140	0.007	6.800	58.700
16	1120	6.009	-0.205	-37.284	221.333	16	1180	1.273	0.016	7.543	58.300
16	1121	5.897	-0.205	-36.615	220.586	16	1181	1.425	0.029	8.382	58.900
16	1123	5.736	-0.156	-35.351	222.836	16	1182	1.534	0.029	9.032	55.100
16	1124	5.617	-0.162	-34.675	223.492	16	1183	1.668	0.016	9.912	53.300
16	1125	5.513	-0.144	-33.943	222.802	16	1184	1.811	0.022	10.731	50.000
16	1126	5.321	-0.193	-33.083	221.169	16	1185	1.902	0.019	11.296	51.300
16	1127	5.194	-0.193	-32.324	221.214	16	1186	2.056	0.013	12.257	51.200
16	1128	5.093	-0.199	-31.755	220.564	16	1188	2.416	-0.030	14.123	54.100
16	1119	4.948	-0.199	-30.883	221.305	16	1189	2.579	-0.027	14.660	53.700
16						16	1190		-0.021	15.597	53.000

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME		AZIMUTH	DISTANCE	SHOT POINT	RECORDER LOCATION	TRAVEL TIME		AZIMUTH	DISTANCE
		(REAL)	(T-X/6)					(REAL)	(T-X/6)		
16	1191	2.711	-0.024	53.300	16.406	17	993	24.628	-0.507	224.400	-150.811
16	1192	2.827	-0.039	53.700	17.197	17	992	24.507	-0.507	224.500	-150.081
16	1193	2.932	-0.058	54.400	17.938	17	991	24.324	-0.519	224.400	-149.061
16	1194	3.077	-0.052	55.200	18.774	17	990	24.298	-0.439	223.900	-148.425
16	1195	3.214	-0.061	55.000	19.648	17	989	24.115	-0.467	224.400	-147.494
16	1196	3.339	-0.058	53.400	20.377	17	988	23.911	-0.495	224.600	-146.435
16	1197	3.477	-0.042	51.800	21.118	17	987	23.794	-0.495	224.500	-145.730
16	1198	3.580	-0.070	52.200	21.900	17	986	23.727	-0.470	224.700	-145.179
16	1199	3.753	-0.067	52.300	22.920	17	985	23.717	-0.368	224.700	-144.514
16	1200	3.861	-0.061	51.300	23.533	17	984	23.546	-0.368	224.500	-143.485
16	1201	3.930	-0.073	49.600	24.019	17	983	23.421	-0.375	224.400	-142.773
16	1202	4.075	-0.089	48.200	24.979	17	982	23.294	-0.344	224.300	-141.829
16	1203	4.265	-0.015	48.700	25.679	17	981	23.172	-0.356	224.600	-141.170
16	1205	4.515	-0.067	49.200	27.493	17	980	23.053	-0.350	224.600	-140.417
16	1206	4.680	-0.018	49.200	28.184	17	979	22.951	-0.329	224.600	-139.678
16	1207	4.750	-0.089	49.800	29.029	17	978	22.866	-0.282	224.700	-138.988
16	1208	4.906	-0.064	50.100	29.822	17	977	22.700	-0.304	224.800	-138.021
16	1209	4.893	-0.085	49.400	29.868	17	976	22.543	-0.304	224.700	-137.083
16	1210	5.207	-0.113	51.700	31.921	17	975	22.407	-0.331	224.800	-136.431
16	1211	5.622	-0.128	50.000	34.501	17	974	22.241	-0.313	224.800	-135.323
16	1212	5.970	-0.076	49.700	36.279	17	973	22.256	-0.169	224.600	-134.549
16	1213	6.163	-0.070	49.500	37.398	17	972	22.083	-0.208	224.300	-133.748
16	1214	6.379	-0.073	49.400	38.714	17	971	21.929	-0.245	224.500	-133.047
16	1215	6.673	-0.076	49.200	40.498	17	970	21.768	-0.245	224.500	-132.079
16	1216	6.850	-0.101	48.200	41.705	17	968	21.545	-0.199	224.100	-130.466
16	1217	7.075	-0.049	48.800	42.739	17	967	21.512	-0.165	224.300	-130.064
16	1218	7.190	-0.082	49.000	43.633	17	966	21.387	-0.165	224.400	-129.313
16	1219	10.578	-0.069	46.800	64.480	17	965	21.204	-0.187	224.400	-128.347
16	1220	10.888	-0.144	46.000	66.194	17	964	21.109	-0.153	224.400	-127.573
17	1020	27.715	-0.827	224.800	-171.254	17	963	20.959	-0.175	224.200	-126.799
17	1019	27.615	-0.765	224.800	-170.285	17	962	20.851	-0.150	224.000	-126.005
17	1016	27.495	-0.639	224.600	-168.803	17	961	20.674	-0.156	224.200	-124.984
17	1015	27.438	-0.559	224.500	-167.984	17	959	20.577	-0.119	224.400	-124.175
17	1014	27.278	-0.605	224.600	-167.301	17	958	20.426	-0.135	224.300	-123.363
17	1017	27.562	-0.725	224.600	-169.725	17	957	20.341	-0.110	224.500	-122.708
17	1018	27.392	-0.882	224.400	-169.645	17	956	20.147	-0.153	224.500	-121.800
17	1011	26.982	-0.461	224.400	-164.657	17	955	19.876	-0.178	224.600	-121.151
17	1010	26.772	-0.559	224.600	-163.990	17	954	19.725	-0.178	224.700	-120.319
17	1009	26.734	-0.467	224.400	-163.205	17	953	19.594	-0.169	224.700	-119.418
17	1008	26.667	-0.427	224.700	-162.566	17	952	19.385	-0.270	224.800	-117.928
17	1007	26.617	-0.319	224.400	-161.620	17	951	19.258	-0.270	224.900	-117.170
17	1005	26.721	-0.479	224.500	-160.204	17	950	19.249	-0.147	225.200	-116.373
17	1004	26.041	-0.525	224.400	-159.396	17	949	19.151	-0.132	225.400	-115.698
17	1003	25.959	-0.470	224.600	-158.576	17	948	18.722	-0.431	225.000	-115.043
17	1002	25.722	-0.584	224.800	-157.832	17	947	18.847	-0.155	224.400	-114.010
17	1001	25.597	-0.593	224.900	-157.143	17	946	18.734	-0.145	224.300	-113.274
17	999	25.498	-0.565	225.000	-156.378	17	944	18.570	-0.081	223.600	-111.906
17	998	25.376	-0.535	225.000	-155.466	17	943	18.340	-0.173	223.600	-111.078
17	997	25.199	-0.535	225.000	-154.401	17	942	18.185	-0.170	223.200	-110.132
17	996	24.961	-0.501	225.000	-153.715	17	941	18.000	-0.244	223.300	-109.465
17	995	24.878	-0.525	225.000	-152.917	17	940	18.055	-0.127	222.800	-109.094
17	994	24.730	-0.501	224.800	-152.121	17	939	18.004	-0.115	223.800	-108.712

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	AZIMUTH	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
17	938	17.680	-0.139	224.100	-108.118	224.100	17	1125	10.313	-0.305	-63.713	225.884
17	937	17.777	-0.118	224.500	-107.370	224.500	17	1126	10.263	-0.204	-62.798	225.071
17	936	17.504	-0.271	224.700	-106.653	224.700	17	1127	10.112	-0.228	-62.043	225.142
17	935	17.367	-0.259	224.500	-105.758	224.500	17	1128	10.019	-0.222	-61.450	224.843
17	934	17.231	-0.293	224.900	-105.144	224.900	17	1129	9.898	-0.204	-60.609	225.281
17	933	17.299	-0.115	224.100	-104.481	224.100	17	1131	9.586	-0.262	-59.090	226.173
17	932	17.126	-0.133	224.200	-103.554	224.200	17	1132	9.458	-0.296	-58.526	227.277
17	930	16.915	-0.105	224.100	-102.120	224.100	17	1133	9.267	-0.315	-57.492	226.811
17	929	16.762	-0.087	224.000	-101.094	224.000	17	1134	9.210	-0.299	-57.053	227.615
17	927	16.397	-0.173	224.100	-99.423	224.100	17	1137	8.872	-0.308	-55.082	229.090
17	925	16.166	-0.155	224.400	-97.926	224.400	17	1138	8.784	-0.247	-54.183	228.497
17	924	15.876	-0.327	224.400	-97.217	224.400	17	1139	8.565	-0.312	-53.260	227.908
17	923	15.752	-0.327	224.700	-96.476	224.700	17	1140	8.461	-0.302	-52.580	228.103
17	922	15.703	-0.216	224.600	-95.516	224.600	17	1141	8.355	-0.293	-51.891	229.173
17	921	15.572	-0.241	224.700	-94.875	224.700	17	1142	8.191	-0.259	-50.704	229.500
17	920	15.404	-0.253	224.800	-93.944	224.800	17	1143	8.039	-0.287	-49.953	228.309
17	919	15.245	-0.293	225.000	-93.230	225.000	17	1144	7.915	-0.269	-49.102	227.779
17	918	15.100	-0.296	225.000	-92.378	225.000	17	1145	7.813	-0.269	-48.486	227.723
17	917	14.986	-0.296	225.300	-91.690	225.300	17	1146	7.767	-0.259	-48.156	227.198
17	914	14.701	-0.148	224.900	-89.100	224.900	17	1147	7.617	-0.262	-47.276	227.805
17	913	14.383	-0.330	224.900	-88.278	224.900	17	1149	7.550	-0.235	-46.707	226.409
17	912	14.283	-0.330	225.100	-87.680	225.100	17	1150	7.377	-0.225	-45.612	227.309
17	911	14.200	-0.299	224.900	-86.993	224.900	17	1151	7.231	-0.213	-44.663	227.358
17	910	14.233	-0.136	224.400	-86.218	224.400	17	1153	6.976	-0.198	-43.042	227.303
17	909	14.114	-0.084	225.700	-85.184	225.700	17	1154	6.850	-0.173	-42.138	227.168
17	907	13.472	-0.391	224.900	-83.180	224.900	17	1155	6.789	-0.170	-41.752	226.654
17	906	13.394	-0.389	224.900	-82.695	224.900	17	1156	6.665	-0.152	-40.898	226.818
17	905	13.207	-0.355	223.200	-81.370	223.200	17	1157	6.501	-0.155	-39.935	227.384
17	904	13.108	-0.422	224.400	-81.181	224.400	17	1158	6.392	-0.155	-39.278	227.831
17	903	13.110	-0.367	223.800	-80.860	223.800	17	1159	6.225	-0.164	-38.333	228.020
17	902	13.091	-0.327	224.300	-80.510	224.300	17	1160	6.102	-0.139	-37.446	227.434
17	101	12.980	-0.339	223.900	-79.917	223.900	17	1161	5.970	-0.127	-36.580	226.600
17	101	12.956	-0.364	223.888	-79.917	223.888	17	1163	5.742	-0.118	-35.160	227.100
17	1102	12.784	-0.333	223.853	-78.701	223.853	17	1164	5.622	-0.096	-34.309	227.100
17	1103	12.688	-0.333	223.768	-78.124	223.768	17	1165	5.514	-0.102	-33.700	227.200
17	1104	12.635	-0.327	224.940	-77.770	224.940	17	1166	5.391	-0.099	-32.941	227.500
17	1105	12.541	-0.330	224.839	-77.228	224.839	17	1167	5.246	-0.099	-32.074	227.700
17	1106	12.399	-0.342	223.930	-76.450	223.930	17	1168	5.128	-0.090	-31.306	228.500
17	1107	12.309	-0.308	224.618	-75.704	224.618	17	1169	5.048	-0.078	-30.757	229.800
17	1109	11.990	-0.358	225.066	-74.087	225.066	17	1170	4.928	-0.068	-29.976	229.300
17	1110	11.973	-0.290	225.369	-73.578	225.369	17	1171	4.856	-0.056	-29.471	228.400
17	1111	11.794	-0.290	225.010	-72.504	225.010	17	1172	4.703	-0.059	-28.576	227.700
17	1112	11.626	-0.349	226.992	-71.845	226.992	17	1173	4.582	-0.035	-27.700	226.600
17	1113	11.527	-0.355	224.307	-71.292	224.307	17	1174	4.470	-0.032	-27.011	225.700
17	1114	11.547	-0.265	225.016	-70.875	225.016	17	1175	4.407	-0.010	-26.504	227.000
17	1115	11.394	-0.290	225.103	-70.103	225.103	17	1176	4.258	-0.016	-25.645	226.800
17	1116	11.303	-0.262	223.469	-69.389	223.469	17	1179	3.848	-0.016	-23.185	226.700
17	1117	11.208	-0.269	225.400	-68.859	225.400	17	1180	3.726	-0.016	-22.450	226.400
17	1118	11.150	-0.213	224.308	-68.179	224.308	17	1181	3.601	-0.007	-21.647	225.700
17	1119	10.938	-0.305	224.984	-67.458	224.984	17	1182	3.464	-0.019	-20.902	226.900
17	1120	10.895	-0.271	224.918	-66.998	224.918	17	1183	3.328	-0.004	-19.992	227.400
17	1121	10.868	-0.182	224.543	-66.299	224.543	17	1184	3.183	-0.007	-19.138	229.000
17	1123	10.548	-0.305	225.838	-65.120	225.838	17	1185	3.096	-0.001	-18.584	228.200
17	1124	10.439	-0.305	226.221	-64.465	226.221	17	1186	2.943	0.005	-17.623	228.100

PROFILES 5 AND 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
17	1188	2.676	0.036	-15.839	225.200
17	1189	2.579	0.030	-15.291	225.300
17	1190	2.419	0.030	-14.336	225.500
17	1191	2.301	0.042	-13.550	224.600
17	1192	2.174	0.042	-12.789	223.500
17	1194	1.950	0.058	-11.351	219.800
17	1195	1.800	0.052	-10.494	218.900
17	1196	1.651	0.042	-9.649	220.900
17	1197	1.512	0.042	-8.818	223.500
17	1198	1.372	0.027	-8.073	221.600
17	1199	1.241	0.061	-7.080	219.800
17	1200	1.100	0.033	-6.400	222.200
17	1201	0.980	0.005	-5.850	228.500
17	1202	0.847	0.027	-4.920	235.300
17	1203	0.690	-0.010	-4.201	233.500
17	1205	0.356	-0.041	-2.380	226.200
17	1206	0.265	-0.016	-1.687	232.800
17	1207	0.094	-0.050	-0.867	215.200
17	1208	0.137	0.070	-0.399	146.600
17	1209	0.002	0.002	0.000	180.000
17	1209	0.005	0.005	0.000	180.000
17	1210	0.472	0.073	2.391	81.500
17	1211	0.789	0.015	4.645	54.000
17	1212	1.151	0.082	6.412	50.900
17	1213	1.353	0.098	7.530	50.100
17	1214	1.550	0.076	8.845	49.500
17	1215	1.848	0.076	10.630	48.700
17	1216	2.034	0.058	11.859	45.400
17	1217	2.244	0.098	12.876	47.600
17	1218	2.374	0.079	13.768	48.200
17	1219	5.821	0.042	34.671	44.700
17	1220	6.086	0.015	36.429	43.200

PROFILE 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)		DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)		DISTANCE	AZIMUTH
		(T-X/6)	(T-X/6)					(REAL)	(T-X/6)		
18	1301	1.531	0.115	-8.500	216.126	18	1357	6.907	-0.027	41.603	30.406
18	1302	0.957	0.081	-5.257	217.954	18	1358	7.028	-0.018	42.273	30.588
18	1303	0.367	0.047	-1.918	211.681	18	1359	7.152	-0.049	43.205	30.615
18	1304	0.038	0.038	0.002	99.812	18	1360	7.240	-0.061	43.802	31.479
18	1305	0.169	0.025	0.864	52.300	18	1361	7.378	-0.067	44.671	32.000
18	1306	0.340	0.044	1.779	44.563	18	1362	7.473	-0.070	45.258	33.100
18	1307	0.453	0.056	2.378	41.700	18	1364	7.764	-0.070	47.007	33.100
18	1308	0.599	0.050	3.294	42.500	18	1365	7.915	-0.005	47.524	32.700
18	1309	0.742	0.056	4.114	38.300	18	1366	8.080	-0.039	48.716	33.200
18	1310	0.858	0.050	4.847	32.400	18	1367	8.295	0.033	49.452	32.900
18	1311	0.937	0.038	5.398	28.300	18	1368	8.325	-0.045	50.224	33.100
18	1312	1.097	0.044	6.320	31.500	18	1369	8.465	-0.042	51.045	33.100
18	1313	1.257	0.050	7.242	31.100	18	1370	8.666	0.010	51.935	33.000
18	1314	1.369	0.047	7.932	30.600	18	1371	8.794	0.022	52.629	33.000
18	1315	1.494	0.044	8.701	29.600	18	1372	8.918	0.032	53.321	33.000
18	1316	1.619	0.044	9.450	29.300	18	1373	9.053	-0.101	53.723	32.500
18	1317	1.813	0.078	10.411	28.800	18	1374	9.078	-0.091	55.018	32.100
18	1318	1.805	-0.055	11.155	28.300	18	1375	9.136	-0.091	55.364	32.600
18	1319	1.987	-0.002	11.935	27.700	18	1376	9.331	-0.070	56.404	32.800
18	1321	2.345	0.062	13.699	26.180	18	1377	9.460	-0.085	57.271	32.100
18	1322	2.453	0.050	14.417	24.670	18	1378	9.583	-0.110	58.158	32.500
18	1323	2.583	0.050	15.199	23.612	18	1379	9.715	-0.110	58.952	32.600
18	1324	2.720	0.041	16.073	22.792	18	1380	9.875	-0.032	59.559	33.400
18	1325	2.876	0.072	16.826	22.688	18	1381	9.889	-0.089	59.863	32.700
18	1326	2.974	0.050	17.545	23.472	18	1382	10.004	-0.107	60.667	32.800
18	1327	3.149	0.068	18.480	23.314	18	1384	10.251	-0.110	62.163	33.100
18	1328	3.264	0.068	19.172	22.440	18	1385	10.325	-0.156	62.889	33.400
18	1329	3.369	0.029	20.040	22.919	18	1386	10.422	-0.171	63.564	32.800
18	1330	3.534	0.062	20.832	23.217	18	1388	10.702	-0.193	65.372	33.000
18	1331	3.689	0.062	21.741	23.217	18	1389	10.818	-0.224	66.249	32.900
18	1333	3.950	0.068	23.289	25.469	18	1390	10.946	-0.227	67.038	32.800
18	1334	4.074	0.068	24.034	24.731	18	1391	11.100	-0.215	67.885	32.100
18	1335	4.189	0.068	24.723	24.324	18	1392	11.191	-0.261	68.709	32.700
18	1336	4.416	0.112	25.827	24.600	18	1393	11.310	-0.255	69.389	32.900
18	1337	4.498	0.065	26.595	24.731	18	1394	11.360	-0.282	69.855	32.800
18	1338	4.556	0.062	26.960	24.400	18	1395	11.522	-0.292	70.884	32.400
18	1339	4.662	0.062	27.601	26.600	18	1396	11.625	-0.282	71.445	32.800
18	1340	4.776	0.062	28.281	28.703	18	1397	11.738	-0.316	72.325	32.500
18	1341	4.878	0.056	28.929	27.277	18	1398	11.860	-0.331	73.152	32.400
18	1342	5.008	0.068	29.636	27.280	18	1399	11.996	-0.331	73.964	32.400
18	1343	5.149	0.068	30.483	27.451	18	1400	12.149	-0.341	74.937	32.400
18	1344	5.278	0.072	31.236	28.400	18	1401	12.216	-0.375	75.545	32.264
18	1345	5.425	0.065	32.155	28.456	18	1402	12.340	-0.402	76.453	32.341
18	1346	5.524	0.068	32.734	28.029	18	1403	12.552	-0.359	77.466	31.924
18	1347	5.650	0.062	33.525	29.434	18	1404	12.685	-0.329	78.083	32.139
18	1348	5.769	0.053	34.295	29.434	18	1405	12.811	-0.350	78.966	32.555
18	1349	5.945	0.062	35.298	28.154	18	1407	13.372	-0.058	80.577	32.779
18	1350	6.118	0.053	36.391	28.271	18	1408	13.493	-0.049	81.250	32.893
18	1351	6.234	0.013	37.325	29.301	18	1409	13.621	-0.064	82.109	32.795
18	1352	6.296	0.013	37.699	29.739	18	1412	14.001	-0.055	84.336	32.718
18	1353	6.397	0.019	38.265	29.783	18	1413	14.215	0.044	85.025	33.307
18	1354	6.483	-0.021	39.023	30.701	18	1414	14.284	0.016	85.609	32.924
18	1355	6.623	-0.002	39.750	31.132	18	1415	14.448	0.016	86.594	32.783
18	1356	6.768	-0.018	40.717	30.713	18	1416	14.560	0.016	87.263	33.099

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SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
18	1417	14.756	0.124	87.791	33.420	19	1352	1.993	0.087	11.437	42.200
18	1419	14.941	0.016	89.548	33.068	19	1353	2.086	0.087	11.996	41.700
18	1420	15.116	0.016	90.597	32.889	19	1354	2.220	0.075	12.870	43.800
18	1421	15.373	0.016	92.138	32.498	19	1355	2.346	0.072	13.645	44.300
						19	1356	2.508	0.087	14.527	42.300
						19	1357	2.637	0.078	15.355	40.900
19	1302	5.339	0.044	-31.773	206.700	19	1358	2.734	0.081	16.039	40.900
19	1303	4.795	0.038	-28.541	205.000	19	1359	2.904	0.078	16.960	40.400
19	1304	4.489	0.050	-26.637	204.500	19	1360	3.009	0.065	17.663	42.200
19	1305	4.369	0.056	-25.876	203.600	19	1361	3.152	0.056	18.574	42.700
19	1306	4.234	0.072	-24.975	203.100	19	1362	3.276	0.036	19.318	44.900
19	1307	4.125	0.062	-24.376	202.900	19	1363	3.537	0.032	21.034	43.900
19	1308	3.993	0.072	-23.527	202.100	19	1365	3.608	0.029	21.476	42.700
19	1309	3.861	0.084	-22.663	202.100	19	1366	3.816	0.029	22.723	43.200
19	1310	3.710	0.068	-21.846	202.800	19	1367	3.931	0.029	23.413	42.500
19	1311	3.617	0.075	-21.254	203.600	19	1368	4.063	0.029	24.204	42.600
19	1312	3.480	0.084	-20.379	202.400	19	1369	4.196	0.029	25.006	42.100
19	1313	3.324	0.081	-19.461	202.100	19	1370	4.363	0.050	25.877	41.700
19	1314	3.215	0.087	-18.768	202.000	19	1371	4.500	0.072	26.569	41.600
19	1315	3.082	0.084	-17.987	202.100	19	1372	4.612	0.072	27.241	41.200
19	1316	2.957	0.084	-17.239	201.900	19	1373	4.653	0.056	27.583	40.200
19	1317	2.806	0.093	-16.275	201.800	19	1374	4.854	0.053	28.820	39.100
19	1318	2.656	0.068	-15.525	201.800	19	1375	4.893	0.022	29.226	40.000
19	1319	2.528	0.072	-14.737	202.000	19	1376	5.079	0.029	30.280	40.100
19	1320	2.393	0.112	-13.689	202.460	19	1377	5.179	0.004	31.051	38.500
19	1321	2.239	0.081	-12.951	202.786	19	1378	5.325	-0.005	31.981	39.100
19	1322	2.124	0.087	-12.221	204.361	19	1379	5.452	-0.012	32.781	39.100
19	1323	2.009	0.102	-11.442	205.740	19	1380	5.595	0.016	33.475	40.300
19	1324	1.869	0.105	-10.582	207.152	19	1382	5.756	0.004	34.512	39.111
19	1325	1.738	0.099	-9.834	207.656	19	1383	5.882	-0.004	35.272	39.049
19	1326	1.604	0.087	-9.101	206.532	19	1384	5.990	-0.015	36.029	39.287
19	1327	1.458	0.096	-8.169	207.228	19	1385	6.118	-0.015	36.794	39.756
19	1328	1.345	0.093	-7.509	209.808	19	1386	6.152	-0.079	37.389	38.579
19	1329	1.192	0.087	-6.628	209.317	19	1388	6.431	-0.104	39.211	38.637
19	1330	1.067	0.096	-5.824	208.687	19	1389	6.574	-0.104	40.048	38.273
19	1331	0.892	0.075	-4.905	210.215	19	1390	6.588	-0.119	40.843	38.018
19	1333	0.637	0.075	-3.376	197.770	19	1391	6.756	-0.181	41.621	36.880
19	1334	0.497	0.062	-2.606	202.308	19	1392	6.912	-0.171	42.502	37.740
19	1335	0.372	0.053	-1.916	206.655	19	1393	7.027	-0.171	43.191	37.830
19	1336	0.161	0.025	-0.811	203.359	19	1394	7.092	-0.184	43.654	37.739
19	1337	0.040	0.019	0.122	134.993	19	1395	7.253	-0.187	44.638	37.011
19	1338	0.178	0.025	0.913	94.830	19	1396	7.327	-0.249	45.455	37.328
19	1339	0.259	0.029	1.383	71.463	19	1397	7.460	-0.221	46.083	36.996
19	1340	0.376	0.050	1.957	58.577	19	1398	7.576	-0.239	46.894	36.703
19	1341	0.490	0.047	2.661	56.600	19	1399	7.709	-0.242	47.707	36.688
19	1342	0.609	0.059	3.296	50.600	19	1400	7.839	-0.273	48.670	36.480
19	1343	0.770	0.084	4.118	47.100	19	1401	7.923	-0.292	49.285	36.555
19	1344	0.930	0.096	5.004	49.800	19	1402	8.093	-0.273	50.198	36.596
19	1345	1.076	0.096	5.879	46.900	19	1403	8.286	-0.242	51.169	35.885
19	1346	1.166	0.105	6.365	43.300	19	1404	8.376	-0.258	51.904	36.162
19	1347	1.331	0.105	7.355	47.800	19	1405	8.564	-0.224	52.725	36.717
19	1348	1.436	0.105	7.981	43.300	19	1406	8.658	-0.202	53.160	37.107
19	1349	1.595	0.115	8.881	39.500	19	1407	8.875	-0.184	54.354	36.928
19	1350	1.770	0.108	9.968	38.600	19	1408	9.032	-0.141	55.037	37.048
19	1351	1.922	0.087	11.012	41.100						

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SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
19	1409	9.201	-0.113	55.884	36.841	20	1346	4.548	0.029	-27.120	219.767
19	1410	9.292	-0.132	56.544	37.254	20	1347	4.395	0.029	-26.200	218.343
19	1412	9.508	-0.175	58.098	36.578	20	1348	4.270	0.019	-25.507	219.508
19	1413	9.691	-0.116	58.845	37.384	20	1349	4.156	0.036	-24.596	220.777
19	1414	9.736	-0.162	59.389	36.794	20	1350	3.880	-0.039	-23.513	221.149
19	1415	9.805	-0.255	60.358	36.530	20	1351	3.705	-0.039	-22.465	220.016
19	1416	9.949	-0.227	61.057	36.941	20	1352	3.635	-0.039	-22.047	219.455
19	1417	10.070	-0.199	61.616	37.366	20	1353	3.548	-0.033	-21.484	219.623
19	1419	10.338	-0.218	63.333	36.763	20	1354	3.463	0.022	-20.644	218.241
19	1420	10.577	-0.150	64.364	36.453	20	1355	3.309	-0.005	-19.887	217.671
19	1421	10.883	-0.095	65.866	35.826	20	1356	3.155	-0.005	-18.963	218.883
20	1302	10.665	-0.135	-64.798	213.700	20	1357	3.015	-0.005	-18.120	219.944
20	1303	10.157	-0.089	-61.476	213.300	20	1358	2.889	-0.018	-17.437	219.883
20	1304	9.835	-0.091	-59.557	213.400	20	1359	2.735	-0.018	-16.514	220.321
20	1305	9.687	-0.104	-58.743	213.100	20	1360	2.633	-0.005	-15.832	218.313
20	1306	9.544	-0.091	-57.816	213.000	20	1362	2.487	-0.002	-14.934	217.500
20	1307	9.428	-0.107	-57.207	213.000	20	1363	2.397	0.013	-14.302	214.200
20	1308	9.315	-0.070	-56.310	212.800	20	1364	2.232	0.013	-13.313	215.500
20	1309	9.186	-0.058	-55.462	213.000	20	1365	2.022	0.013	-12.554	214.300
20	1311	8.948	-0.082	-54.182	213.600	20	1366	1.833	0.025	-12.051	216.100
20	1312	8.794	-0.079	-53.242	213.900	20	1367	1.729	0.044	-10.844	214.300
20	1313	8.638	-0.082	-52.323	213.700	20	1368	1.600	0.044	-9.337	214.600
20	1314	8.524	-0.082	-51.636	213.800	20	1369	1.463	0.044	-8.518	215.100
20	1315	8.407	-0.073	-50.879	214.000	20	1370	1.316	0.044	-7.631	215.700
20	1316	8.283	-0.073	-50.136	214.100	20	1371	1.209	0.053	-6.936	215.700
20	1317	8.124	-0.073	-49.185	214.300	20	1372	1.101	0.059	-6.249	216.800
20	1318	8.002	-0.073	-48.453	214.500	20	1373	1.017	0.035	-5.892	221.100
20	1319	7.891	-0.058	-47.693	214.800	20	1374	0.818	0.035	-4.702	227.900
20	1320	7.765	-0.018	-46.697	215.200	20	1375	0.743	0.035	-4.253	222.800
20	1321	7.623	-0.042	-45.993	215.592	20	1376	0.592	0.059	-3.197	222.600
20	1322	7.547	-0.012	-45.352	216.209	20	1377	0.467	0.029	-2.632	242.500
20	1323	7.478	0.038	-44.644	216.758	20	1378	0.301	0.025	-1.651	245.100
20	1324	7.346	0.038	-43.847	217.305	20	1379	0.191	0.025	-0.994	265.600
20	1325	7.201	0.013	-43.125	217.590	20	1380	0.025	0.025	0.000	180.000
20	1326	7.075	0.013	-42.371	217.520	20	1380	0.022	0.022	0.000	180.000
20	1327	6.947	0.035	-41.475	217.896	20	1381	0.185	0.056	0.772	326.400
20	1328	6.925	0.112	-40.882	218.532	20	1382	0.259	0.053	1.238	6.800
20	1329	6.689	0.022	-40.002	218.639	20	1383	0.373	0.050	1.936	18.000
20	1330	6.580	0.047	-39.198	218.733	20	1384	0.484	0.047	2.620	27.100
20	1331	6.399	0.013	-38.314	218.733	20	1385	0.587	0.032	3.332	35.000
20	1333	6.140	0.038	-36.617	218.420	20	1386	0.722	0.047	4.080	24.800
20	1334	6.028	0.035	-35.963	219.161	20	1388	0.959	0.029	5.826	29.500
20	1335	5.928	0.038	-35.339	219.161	20	1389	1.147	0.029	6.713	28.600
20	1336	5.725	0.016	-34.251	219.710	20	1390	1.271	0.019	7.508	28.200
20	1337	5.597	0.016	-33.485	220.232	20	1391	1.435	0.029	8.437	23.600
20	1338	5.509	0.016	-32.954	219.146	20	1392	1.536	0.007	9.177	28.800
20	1339	5.400	0.016	-32.300	219.169	20	1393	1.636	-0.005	9.849	29.800
20	1340	5.302	0.032	-31.622	219.324	20	1394	1.717	-0.002	10.315	29.800
20	1341	5.171	0.016	-30.930	219.056	20	1395	1.803	0.007	11.375	27.700
20	1342	5.083	0.044	-30.237	219.319	20	1396	2.000	0.016	11.902	30.200
20	1343	4.939	0.041	-29.390	219.482	20	1397	2.110	-0.024	12.804	28.700
20	1344	4.846	0.087	-28.553	218.771	20	1398	2.240	-0.033	13.641	28.200
20	1345	4.636	0.029	-27.643	219.042	20	1399	2.381	-0.027	14.448	28.600

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SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
20	1400	2.513	-0.058	15.425	28.500	21	1338	10.035	-0.052	-60.521	216.498
20	1401	2.604	-0.067	16.025	29.006	21	1339	9.880	-0.098	-59.867	216.480
20	1402	2.736	-0.085	16.926	29.544	21	1340	9.779	-0.085	-59.186	216.530
20	1403	2.938	-0.058	17.973	27.924	21	1341	9.665	-0.085	-58.502	216.353
20	1404	3.062	-0.033	18.569	28.965	21	1342	9.548	-0.085	-57.803	216.457
20	1405	3.049	-0.045	18.569	28.965	21	1343	9.454	-0.016	-56.952	216.497
20	1405	3.155	-0.082	19.424	30.810	21	1344	9.347	-0.009	-56.135	216.089
20	1406	3.212	-0.091	19.821	31.982	21	1345	9.213	0.010	-55.219	216.178
20	1407	3.413	-0.091	21.026	31.823	21	1346	8.932	-0.181	-54.678	216.508
20	1408	3.512	-0.104	21.696	32.291	21	1347	8.785	-0.181	-53.795	215.758
20	1409	3.662	-0.098	22.557	31.966	21	1348	8.696	-0.150	-53.075	216.281
20	1410	3.766	-0.098	23.181	33.114	21	1349	8.597	-0.091	-52.130	216.820
20	1412	4.049	-0.082	24.785	31.805	21	1350	8.461	-0.045	-51.037	216.913
20	1413	4.153	-0.091	25.467	33.805	21	1351	8.243	-0.095	-50.025	216.304
20	1414	4.260	-0.082	26.053	32.540	21	1352	8.080	-0.190	-49.622	216.024
20	1415	4.421	-0.085	27.041	32.112	21	1353	7.946	-0.230	-49.057	216.057
20	1416	4.532	-0.085	27.706	33.130	21	1354	7.811	-0.230	-48.247	215.410
20	1417	4.608	-0.098	28.234	34.135	21	1355	7.804	-0.113	-47.501	215.116
20	1419	4.907	-0.091	29.990	33.059	21	1356	7.526	-0.233	-46.557	215.555
20	1420	5.116	-0.058	31.042	32.547	21	1357	7.367	-0.249	-45.693	215.919
20	1421	5.375	-0.058	32.593	31.470	21	1358	7.272	-0.230	-45.013	215.824
21	1303	15.049	0.195	-89.127	213.461	21	1360	6.983	-0.258	-43.441	215.098
21	1304	14.754	0.219	-87.208	213.490	21	1361	6.872	-0.221	-42.558	214.741
21	1305	14.418	0.019	-86.394	213.302	21	1362	6.793	-0.199	-41.952	213.585
21	1306	14.264	0.019	-85.467	213.253	21	1364	6.535	-0.175	-40.260	213.608
21	1307	14.184	0.041	-84.859	213.250	21	1365	6.413	-0.202	-39.690	214.127
21	1309	13.989	0.136	-83.114	213.235	21	1367	6.275	-0.141	-38.494	213.531
21	1310	13.682	-0.045	-82.363	213.533	21	1368	6.020	-0.144	-36.986	213.587
21	1311	13.661	0.022	-81.831	213.808	21	1369	5.884	-0.144	-36.165	213.674
21	1312	13.431	-0.052	-80.892	213.614	21	1370	5.726	-0.153	-35.275	213.765
21	1313	13.419	0.090	-79.972	213.672	21	1371	5.610	-0.153	-34.581	213.722
21	1314	13.360	0.145	-79.286	213.744	21	1372	5.502	-0.147	-33.890	213.868
21	1315	13.255	0.167	-78.527	213.880	21	1373	5.433	-0.150	-33.495	214.603
21	1316	12.826	-0.138	-77.783	213.952	21	1374	5.241	-0.128	-32.218	215.329
21	1317	12.667	-0.138	-76.831	214.071	21	1375	5.177	-0.132	-31.851	214.475
21	1319	12.289	-0.267	-75.335	214.340	21	1376	5.037	-0.098	-30.809	214.173
21	1320	12.399	0.010	-74.336	214.596	21	1377	4.870	-0.125	-29.971	215.659
21	1321	12.137	-0.135	-73.628	214.770	21	1378	4.725	-0.119	-29.065	214.908
21	1322	11.942	-0.221	-72.978	215.145	21	1379	4.599	-0.113	-28.268	214.781
21	1323	11.961	-0.082	-72.260	215.472	21	1380	4.523	-0.085	-27.652	213.182
21	1324	11.823	-0.085	-71.452	215.792	21	1381	4.474	-0.085	-27.355	214.665
21	1325	11.656	-0.132	-70.725	215.949	21	1382	4.345	-0.079	-26.547	214.364
21	1326	11.592	-0.070	-69.972	215.888	21	1383	4.228	-0.070	-25.787	214.301
21	1327	11.475	-0.036	-69.067	216.090	21	1384	4.104	-0.070	-25.047	213.807
21	1328	11.435	0.025	-68.458	216.453	21	1385	4.002	-0.052	-24.321	212.918
21	1329	11.236	-0.027	-67.575	216.488	21	1386	3.894	-0.049	-23.652	214.587
21	1330	11.049	-0.079	-66.771	216.515	21	1388	3.616	-0.024	-21.839	214.124
21	1331	10.955	-0.024	-65.874	216.732	21	1389	3.480	-0.015	-20.966	214.620
21	1333	10.682	-0.018	-64.199	216.242	21	1390	3.370	0.007	-19.379	214.982
21	1334	10.558	-0.030	-63.526	216.637	21	1391	3.246	0.016	-19.379	217.288
21	1335	10.451	-0.030	-62.886	216.919	21	1392	3.105	0.019	-18.513	215.319
21	1336	10.284	-0.015	-61.789	217.053	21	1393	3.003	0.032	-17.828	214.994
21	1337	10.186	0.016	-61.018	217.117						

PROFILE 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
21	1394	2.925	0.032	-17.363	215.138
21	1395	2.749	0.022	-16.363	216.948
21	1396	2.626	0.035	-15.551	216.001
21	1397	2.539	0.053	-14.918	216.957
21	1398	2.429	0.078	-14.108	217.908
21	1399	2.287	0.072	-13.295	218.017
21	1400	2.146	0.090	-12.337	218.916
21	1401	2.043	0.090	-11.721	218.712
21	1402	1.907	0.105	-10.807	218.676
21	1403	1.752	0.105	-9.882	222.533
21	1404	1.643	0.105	-9.225	221.422
21	1405	1.470	0.090	-8.277	218.441
21	1406	1.376	0.068	-7.843	215.877
21	1407	1.176	0.068	-6.646	217.061
21	1408	1.053	0.059	-5.945	215.938
21	1409	0.912	0.059	-5.117	217.960
21	1410	0.804	0.059	-4.471	212.844
21	1412	0.534	0.047	-2.922	223.795
21	1413	0.422	0.053	-2.213	204.442
21	1414	0.313	0.044	-1.616	221.408
21	1415	0.158	0.032	-0.757	248.919
21	1416	0.018	0.007	0.067	69.489
21	1417	0.147	0.016	0.787	75.995
21	1419	0.430	0.041	2.338	33.314
21	1420	0.626	0.059	3.399	28.588
21	1421	0.907	0.072	5.010	22.858

PROFILE 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
6	1501	6.519	0.410	36.652	84.902	6	1561	17.132	0.139	101.957	80.849
6	1502	6.558	0.296	37.570	85.292	6	1562	17.472	0.308	102.979	81.195
6	1503	6.677	0.259	38.506	85.134	6	1563	17.469	0.112	104.144	81.141
6	1504	7.044	0.287	40.542	85.648	6	1564	17.575	0.022	105.314	81.131
6	1505	7.207	0.290	41.500	85.456	6	1565	17.801	0.084	106.303	81.087
6	1506	7.352	0.262	42.538	85.671	6	1568	18.258	0.007	109.504	80.983
6	1507	7.487	0.271	43.293	85.438	6	1569	18.471	0.038	110.600	81.080
6	1509	7.794	0.219	45.450	85.591	6	1570	18.814	0.118	112.179	81.000
6	1510	8.025	0.228	46.781	85.295	6	1571	18.984	0.115	113.216	80.949
6	1511	8.236	0.216	48.118	84.548	6	1572	19.155	0.127	114.170	80.914
6	1512	8.353	0.216	48.822	83.729	6	1573	19.240	0.105	114.807	80.814
6	1513	8.606	0.216	50.337	83.490	6	1574	19.212	-0.190	114.415	80.827
6	1514	8.706	0.216	50.940	84.395	6	1576	19.348	-0.202	118.500	80.170
6	1515	8.916	0.198	52.308	83.844	6	1577	19.811	-0.113	119.544	79.956
6	1516	9.173	0.219	53.722	84.709	6	1578	20.331	0.207	120.747	79.736
6	1517	9.390	0.204	55.115	84.252	6	1579	19.999	-0.285	121.704	79.616
6	1518	9.450	0.198	55.516	83.675	6	1580	20.360	-0.104	122.782	79.373
6	1519	9.680	0.241	56.635	82.769	6	1581	20.610	-0.021	123.788	79.222
6	1520	9.828	0.191	57.820	82.314	6	1582	20.992	0.164	124.970	79.219
6	1521	9.977	0.189	58.730	81.356	6	1579	20.220	-0.064	121.704	79.616
6	1524	10.528	0.189	62.036	82.551	6	1583	21.002	-0.027	126.171	79.361
6	1525	10.733	0.164	63.417	81.799	6	1585	21.423	0.075	128.092	79.513
6	1526	10.944	0.164	64.682	81.994	6	1586	21.603	-0.039	129.855	79.794
6	1527	11.086	0.152	65.608	81.751	6	1587	21.911	0.115	130.778	79.860
6	1528	11.252	0.164	66.529	81.548	6	1588	22.016	0.044	131.832	79.850
6	1529	11.460	0.161	67.797	81.685	6	1589	22.214	0.096	132.707	79.947
6	1530	11.778	0.330	68.688	81.209	6	1589	22.066	-0.052	132.707	79.947
6	1531	11.789	0.176	69.676	80.786	6	1590	22.271	-0.036	133.841	79.993
6	1533	12.126	0.173	71.720	80.865	6	1591	22.437	-0.113	135.303	80.108
6	1534	12.230	0.173	72.339	80.855	6	1592	22.578	-0.125	136.220	80.017
6	1535	12.529	0.161	74.208	80.814	6	1593	22.765	-0.125	137.340	80.067
6	1536	12.590	0.161	74.575	81.231	6	1594	23.092	-0.002	138.563	80.107
6	1537	12.727	0.127	75.599	81.062	6	1596	23.472	-0.002	140.845	79.673
6	1538	12.903	0.127	76.657	81.002	6	1597	23.571	-0.076	141.883	79.334
6	1539	13.083	0.127	77.734	80.562	6	1599	23.718	-0.252	143.818	78.787
6	1540	13.297	0.124	79.036	79.922	6	1601	24.318	-0.063	146.285	78.561
6	1541	13.428	0.139	79.734	80.281	6	1602	24.496	-0.034	147.181	78.674
6	1542	13.687	0.204	80.900	80.191	6	1603	24.632	-0.047	148.074	78.399
6	1543	13.919	0.231	82.126	79.876	6	1605	24.909	-0.178	150.322	77.819
6	1544	14.023	0.216	82.843	79.200	6	1606	25.062	-0.231	151.760	77.897
6	1545	14.165	0.152	84.084	78.358	6	1607	25.272	-0.190	152.775	78.172
6	1546	14.359	0.152	85.247	78.228	6	1608	25.472	-0.162	153.800	78.477
6	1547	14.513	0.152	86.168	77.986	6	1609	25.714	-0.129	155.058	78.500
6	1548	14.682	0.152	87.181	77.889	6	1610	25.516	-0.486	156.011	78.408
6	1549	14.906	0.189	88.303	77.836	6	1611	25.728	-0.514	157.453	78.224
6	1550	15.085	0.167	89.511	77.996	6	1612	25.855	-0.555	158.460	78.475
6	1551	15.215	0.142	90.434	78.274	6	1613	26.316	-0.404	160.319	78.459
6	1552	15.396	0.115	91.687	78.662	6	1616	26.908	-0.465	164.236	78.146
6	1553	15.622	0.115	93.043	78.978	6	1617	27.340	-0.867	169.245	77.632
6	1555	15.947	0.090	95.142	80.277	6	1618	28.114	-0.818	173.593	77.277
6	1557	16.318	0.099	97.314	80.400	6					
6	1558	16.489	0.084	98.430	80.478	6					
6	1559	16.670	0.068	99.607	80.575	6					
6	1560	16.888	0.056	100.993	80.659	6					
22	1501					22	1501	0.300	0.136	-0.985	280.961
22	1502					22	1502	0.022	0.016	0.035	294.545
22	1503					22	1503	0.144	-0.009	0.914	77.575

PROFILE 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	
22	1504	0.548	0.056	2.951	90.131	22	1563	11.169	0.001	67.010	78.800							
22	1505	0.709	0.059	3.901	86.791	22	1564	11.322	-0.042	68.184	78.800							
22	1506	0.877	0.053	4.943	88.359	22	1565	11.509	-0.021	69.178	78.800							
22	1507	1.008	0.059	5.693	86.230	22	1566	11.487	-0.221	70.244	78.700							
22	1509	1.337	0.029	7.852	86.899	22	1567	11.715	-0.181	71.378	78.700							
22	1510	1.577	0.047	9.181	85.201	22	1568	11.922	-0.144	72.394	78.700							
22	1511	1.803	0.047	10.535	81.799	22	1569	11.996	-0.252	73.486	78.900							
22	1512	1.928	0.047	11.288	78.433	22	1570	12.421	-0.091	75.075	78.800							
22	1513	2.192	0.036	12.817	78.123	22	1571	12.539	-0.147	76.118	78.800							
22	1514	2.308	0.081	13.361	81.799	22	1572	12.644	-0.202	77.077	78.800							
22	1515	2.516	0.056	14.756	80.090	22	1573	12.773	-0.181	77.723	78.600							
22	1516	2.760	0.072	16.131	83.292	22	1574	12.989	-0.233	79.333	78.700							
22	1517	2.995	0.072	17.538	81.966	22	1575	13.083	-0.285	80.209	78.200							
22	1518	3.066	0.072	17.968	80.240	22	1576	13.310	-0.233	81.259	77.500							
22	1519	3.279	0.087	19.152	77.765	22	1577	13.509	-0.212	82.323	77.500							
22	1520	3.458	0.062	20.376	76.770	22	1578	13.691	-0.233	83.547	77.200							
22	1521	3.633	0.068	21.389	74.384	22	1579	13.840	-0.245	84.514	77.100							
22	1524	4.143	0.050	24.555	78.315	22	1580	13.999	-0.270	85.616	76.800							
22	1525	4.384	0.050	26.001	76.711	22	1581	14.672	-0.162	89.004	76.900							
22	1526	4.569	0.029	27.243	77.409	22	1584	14.825	-0.190	90.090	77.100							
22	1527	4.727	0.029	28.190	76.994	22	1585	14.955	-0.196	90.909	77.100							
22	1528	4.858	0.004	29.128	76.684	22	1586	15.241	-0.199	92.643	77.600							
22	1529	5.073	0.010	30.378	77.190	22	1587	15.406	-0.187	93.560	77.700							
22	1530	5.257	0.038	31.315	76.277	22	1588	15.585	-0.184	94.614	77.700							
22	1531	5.392	0.001	32.345	75.522	22	1589	15.690	-0.224	95.480	77.800							
22	1533	5.733	0.004	34.373	75.998	22	1590	16.068	-0.033	96.609	77.900							
22	1534	5.839	0.007	34.991	76.064	22	1591	16.117	-0.227	98.061	78.100							
22	1535	6.141	-0.002	36.859	76.223	22	1592	16.354	-0.144	98.986	78.000							
22	1536	6.185	-0.012	37.182	77.102	22	1593	16.333	-0.350	100.101	78.100							
22	1537	6.349	-0.021	38.220	76.878	22	1594	16.546	-0.341	101.320	78.200							
22	1538	6.529	-0.018	39.281	76.876	22	1597	17.019	-0.433	104.712	77.200							
22	1539	6.716	-0.018	40.402	76.141	22	1596	16.923	-0.350	103.641	77.600							
22	1540	6.945	-0.018	41.773	75.073	22	1598	17.268	-0.350	105.711	76.800							
22	1541	7.060	-0.012	42.428	75.800	22	1599	17.354	-0.430	106.702	76.500							
22	1542	7.258	-0.045	43.823	75.800	22	1601	17.704	-0.495	109.193	76.251							
22	1543	7.518	0.004	45.084	75.800	22	1602	17.848	-0.498	110.076	76.421							
22	1544	7.702	0.056	45.877	74.300	22	1603	17.987	-0.513	111.000	76.072							
22	1545	7.880	0.007	47.237	72.800	22	1605	18.455	-0.464	113.513	75.354							
22	1546	8.073	0.004	48.417	72.700	22	1606	18.604	-0.519	114.742	75.484							
22	1547	8.220	-0.009	49.372	72.400	22	1607	18.796	-0.491	115.724	75.868							
22	1548	8.410	0.010	50.398	72.400	22	1608	19.001	-0.451	116.714	76.289							
22	1549	8.613	0.025	51.526	72.400	22	1609	19.170	-0.491	117.969	76.342							
22	1550	8.774	-0.012	52.710	72.800	22	1610	19.330	-0.491	118.932	76.239							
22	1551	8.939	0.007	53.592	73.300	22	1611	19.608	-0.458	120.394	76.025							
22	1552	9.121	-0.012	54.793	74.100	22	1612	19.756	-0.473	121.373	76.370							
22	1553	9.266	-0.085	56.109	74.700	22	1616	20.746	-0.451	127.184	76.042							
22	1554	9.405	-0.067	56.834	76.100	22	1617	21.569	-0.473	132.252	75.465							
22	1555	9.599	-0.079	58.067	77.000	22	1618	22.248	-0.525	136.642	75.084							
22	1557	9.972	-0.067	60.231	77.300													
22	1558	10.154	-0.070	61.342	77.500													
22	1559	10.349	-0.070	62.512	77.700													
22	1560	10.573	-0.076	63.893	77.900													
22	1561	10.721	-0.085	64.840	78.300													
22	1562	10.989	0.016	65.839	78.800													
						23	1501	4.413	0.164	-25.495	260.118							
						23	1502	4.154	0.053	-24.606	259.348							
						23	1503	4.055	0.112	-23.663	259.368							
						23	1504	3.677	0.062	-21.687	257.836							
						23	1505	3.549	0.096	-20.717	257.895							

PROFILE 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
23	1506	3.382	0.096	-19.712	257.039	23	1564	7.158	-0.110	43.609	78.600
23	1507	3.271	0.115	-18.939	257.223	23	1565	7.321	-0.113	44.604	78.500
23	1509	2.910	0.105	-16.829	255.765	23	1566	7.446	-0.165	45.670	78.400
23	1510	2.682	0.102	-15.476	255.807	23	1567	7.678	-0.122	46.804	78.400
23	1511	2.458	0.115	-14.061	257.430	23	1568	7.832	-0.138	47.820	78.400
23	1512	2.317	0.102	-13.291	260.038	23	1569	7.999	-0.153	48.910	78.700
23	1513	2.057	0.096	-11.766	260.584	23	1570	8.260	-0.156	50.500	78.600
23	1514	1.970	0.096	-11.245	256.333	23	1571	8.407	-0.184	51.543	78.600
23	1515	1.709	0.072	-9.825	258.116	23	1572	8.567	-0.184	52.502	78.500
23	1516	1.498	0.072	-8.562	251.769	23	1573	8.662	-0.196	53.149	78.300
23	1517	1.259	0.075	-7.107	252.713	23	1574	8.915	-0.212	54.759	78.400
23	1518	1.175	0.072	-6.619	256.753	23	1575	9.049	-0.261	55.859	77.700
23	1519	1.002	0.093	-5.455	264.699	23	1576	9.232	-0.255	56.918	77.200
23	1520	0.772	0.053	-4.314	271.334	23	1577	9.392	-0.273	57.989	76.800
23	1521	0.705	0.081	-3.743	288.600	23	1578	9.579	-0.292	59.222	76.400
23	1523	0.278	0.044	-1.408	317.400	23	1579	9.721	-0.312	60.195	76.200
23	1524	0.102	0.032	0.423	345.900	23	1580	9.903	-0.315	61.308	75.800
23	1525	0.342	0.038	1.827	39.300	23	1581	10.103	-0.287	62.337	75.500
23	1526	0.504	0.038	2.800	60.600	23	1582	10.325	-0.262	63.522	75.600
23	1527	0.665	0.038	3.766	61.800	23	1584	10.668	-0.296	65.784	76.300
23	1528	0.802	0.016	4.714	62.900	23	1585	10.805	-0.296	66.607	76.300
23	1529	1.041	0.059	5.890	68.400	23	1586	11.124	-0.265	68.336	76.900
23	1530	1.209	0.059	6.897	65.400	23	1587	11.301	-0.241	69.253	77.100
23	1531	1.360	0.029	7.991	63.800	23	1588	11.478	-0.241	70.311	77.100
23	1533	1.685	0.029	9.941	67.800	23	1589	11.607	-0.256	71.176	77.300
23	1534	1.787	0.029	10.548	68.500	23	1590	11.817	-0.235	72.307	77.500
23	1535	2.094	0.029	12.391	70.100	23	1591	12.037	-0.256	73.760	77.700
23	1536	2.139	0.029	12.660	72.800	23	1592	12.192	-0.256	74.689	77.600
23	1537	2.295	0.010	13.707	72.500	23	1593	12.335	-0.299	75.806	77.700
23	1538	2.474	0.013	14.766	72.800	23	1594	12.542	-0.296	77.027	77.800
23	1539	2.655	0.001	15.924	71.300	23	1595	12.785	-0.275	78.355	77.800
23	1540	2.892	-0.002	17.363	69.100	23	1596	12.949	-0.278	79.363	77.100
23	1541	3.007	0.013	17.962	71.100	23	1597	13.020	-0.352	80.231	76.600
23	1542	3.208	-0.018	19.354	71.400	23	1598	13.155	-0.385	81.239	76.100
23	1543	3.435	-0.005	20.641	70.600	23	1599	13.284	-0.422	82.241	73.700
23	1544	3.579	-0.005	21.509	68.600	23	1600	13.287	-0.656	83.661	75.200
23	1545	3.827	-0.005	22.993	65.900	23	1601	13.704	-0.419	84.739	75.370
23	1546	4.036	0.007	24.175	66.100	23	1602	13.829	-0.441	85.616	75.598
23	1547	4.190	-0.002	25.155	65.701	23	1603	14.064	-0.361	86.552	75.159
23	1548	4.380	0.016	26.181	65.858	23	1605	14.402	-0.447	89.092	74.272
23	1549	4.581	0.032	27.299	66.181	23	1607	14.767	-0.447	91.283	74.948
23	1550	4.728	-0.012	28.439	67.170	23	1608	14.966	-0.410	92.239	75.491
23	1551	4.867	-0.012	29.269	68.353	23	1609	15.114	-0.472	93.512	75.569
23	1552	5.069	0.001	30.407	69.914	23	1610	15.259	-0.487	94.478	75.447
23	1553	5.234	-0.045	31.678	71.206	23	1612	15.656	-0.496	96.915	75.659
23	1554	5.343	-0.045	32.331	73.641	23	1613	15.997	-0.465	98.775	75.659
23	1555	5.543	-0.045	33.528	75.350	23	1614	16.799	-0.324	102.737	75.267
23	1557	5.914	-0.033	35.681	75.986	23	1615	17.555	-0.416	107.826	74.596
23	1558	6.098	-0.033	36.788	76.327	23	1616	18.228	-0.478	112.232	74.166
23	1559	6.277	-0.049	37.953	76.710	23	1618	18.228	-0.478	112.232	74.166
23	1560	6.497	-0.058	39.330	77.062	23	1620	19.192	-0.558	118.496	73.306
23	1561	6.654	-0.058	40.271	77.700						
23	1562	6.847	-0.030	41.264	78.600	24	1501	10.017	0.016	-60.005	258.828
23	1563	7.027	-0.045	42.436	78.500	24	1502	9.787	-0.067	-59.123	258.488
						24	1503	9.691	-0.005	-58.181	258.482

PROFILE 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
24	1504	9.295	-0.073	-56.211	257.861	24	1563	1.386	0.065	7.922	81.300
24	1505	9.149	-0.058	-55.241	257.883	24	1564	1.551	0.035	9.096	81.200
24	1506	9.003	-0.036	-54.235	257.572	24	1565	1.685	0.004	10.088	80.700
24	1507	8.887	-0.024	-53.463	257.645	24	1566	1.856	-0.002	11.152	80.100
24	1509	8.521	-0.036	-51.346	257.185	24	1567	2.104	0.056	12.285	79.900
24	1510	8.309	-0.024	-49.994	257.336	24	1568	2.218	0.001	13.302	79.900
24	1511	8.074	-0.024	-48.584	257.747	24	1569	2.394	-0.005	14.398	80.800
24	1512	7.944	-0.024	-47.806	258.476	24	1570	2.659	-0.005	15.984	80.200
24	1513	7.689	-0.024	-46.278	258.564	24	1571	2.811	-0.027	17.026	79.900
24	1514	7.595	-0.033	-45.766	257.497	24	1572	2.964	-0.033	17.984	79.800
24	1515	7.337	-0.055	-44.348	257.929	24	1573	3.078	-0.027	18.628	79.200
24	1516	7.120	-0.055	-43.049	256.664	24	1574	3.328	-0.045	20.239	79.400
24	1517	6.898	-0.036	-41.608	256.996	24	1575	3.501	-0.055	21.336	77.500
24	1518	6.815	-0.042	-41.141	257.695	24	1576	3.670	-0.064	22.403	78.000
24	1519	6.640	-0.018	-39.943	258.805	24	1577	3.838	-0.076	23.484	75.100
24	1520	6.416	-0.039	-38.730	259.360	24	1578	4.027	-0.095	24.730	74.300
24	1521	6.273	-0.024	-37.784	260.776	24	1579	4.024	-0.261	25.711	73.900
24	1523	5.827	-0.049	-35.255	259.847	24	1580	4.339	-0.135	26.844	73.100
24	1524	5.723	-0.033	-34.540	258.577	24	1581	4.534	-0.113	27.885	72.600
24	1525	5.476	-0.042	-33.112	259.847	24	1582	4.762	-0.082	29.045	72.900
24	1526	5.267	-0.042	-31.859	259.373	24	1583	4.922	-0.116	30.228	73.700
24	1527	5.108	-0.045	-30.920	259.810	24	1584	5.100	-0.116	31.296	74.500
24	1528	4.944	-0.055	-29.991	260.199	24	1585	5.236	-0.116	32.114	74.700
24	1529	4.734	-0.055	-28.729	259.818	24	1586	5.518	-0.119	33.825	78.000
24	1530	4.629	-0.009	-27.823	260.932	24	1587	5.658	-0.132	34.738	76.300
24	1531	4.470	-0.002	-26.836	262.016	24	1588	5.837	-0.128	35.795	76.400
24	1533	4.136	0.004	-24.791	261.891	24	1589	5.981	-0.128	36.658	76.800
24	1534	4.039	0.010	-24.172	261.945	24	1590	6.182	-0.116	37.787	77.100
24	1535	3.755	0.038	-22.305	262.176	24	1591	6.414	-0.125	39.237	77.600
24	1536	3.700	0.044	-21.938	260.782	24	1592	6.612	-0.082	40.167	77.300
24	1537	3.535	0.050	-20.911	261.371	24	1593	6.774	-0.107	41.283	77.600
24	1538	3.377	0.068	-19.854	261.616	24	1594	6.953	-0.132	42.504	77.800
24	1539	3.200	0.068	-18.791	263.471	24	1595	7.174	-0.132	43.831	77.800
24	1540	2.973	0.047	-17.559	266.561	24	1596	7.337	-0.138	44.847	76.500
24	1541	2.850	0.047	-16.818	265.100	24	1597	7.476	-0.181	45.942	75.600
24	1543	2.473	0.093	-14.279	268.400	24	1598	7.700	-0.128	46.968	74.700
24	1544	2.377	0.087	-13.738	268.600	24	1599	7.848	-0.150	47.987	74.100
24	1545	2.241	0.087	-12.925	279.500	24	1601	8.187	-0.230	50.504	73.661
24	1546	2.074	0.087	-11.921	282.400	24	1602	8.332	-0.230	51.374	74.071
24	1547	1.946	0.072	-11.248	282.000	24	1603	8.510	-0.212	52.331	73.371
24	1548	1.808	0.068	-10.437	289.300	24	1605	8.949	-0.205	54.927	72.012
24	1549	1.653	0.062	-9.543	293.300	24	1606	9.124	-0.233	56.142	72.349
24	1550	1.485	0.081	-8.425	298.700	24	1607	9.349	-0.165	57.083	73.182
24	1551	1.308	0.068	-7.436	301.600	24	1608	9.486	-0.187	58.037	74.076
24	1552	1.123	0.108	-6.088	308.200	24	1609	9.624	-0.258	59.291	74.228
24	1553	0.892	0.096	-4.777	308.200	24	1608	9.434	-0.239	58.037	74.076
24	1554	0.621	0.072	-3.296	304.200	24	1610	9.802	-0.242	60.264	74.058
24	1555	0.340	0.041	-1.797	313.100	24	1611	10.092	-0.199	61.748	73.693
24	1557	0.323	0.050	1.639	32.000	24	1612	10.251	-0.199	62.699	74.397
24	1558	0.448	0.038	54.100	54.100	24	1613	10.561	-0.199	64.563	74.476
24	1559	0.638	0.053	3.510	65.200	24	1617	12.091	-0.190	73.685	73.063
24	1560	0.871	0.065	4.837	71.200	24	1618	12.818	-0.202	78.124	72.532
24	1561	1.033	0.075	5.750	76.500	24	1620	13.832	-0.208	84.245	71.444
24	1562	1.194	0.068	6.754	82.100	24					

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SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
25	1501	14.876	-0.190	-90.394	256.859	25	1560	4.222	-0.098	-25.916	253.400
25	1502	14.615	-0.307	-89.579	256.616	25	1561	4.071	-0.098	-25.014	252.200
25	1503	14.532	-0.333	-88.590	256.593	25	1562	3.908	-0.110	-24.107	250.500
25	1504	14.079	-0.362	-86.649	256.148	25	1563	3.747	-0.076	-22.941	250.200
25	1505	14.013	-0.267	-85.681	256.143	25	1564	3.540	-0.091	-21.787	249.600
25	1506	13.811	-0.304	-84.689	255.924	25	1565	3.375	-0.091	-20.799	249.300
25	1507	13.732	-0.255	-83.917	255.955	25	1566	3.170	-0.119	-19.736	249.000
25	1509	13.333	-0.304	-81.821	255.624	25	1567	2.996	-0.107	-18.615	248.500
25	1510	13.157	-0.255	-80.471	255.629	25	1568	2.870	-0.067	-17.622	248.000
25	1511	12.937	-0.273	-79.261	255.914	25	1569	2.721	-0.045	-16.601	246.300
25	1512	12.791	-0.285	-78.461	256.340	25	1570	2.497	-0.009	-15.003	245.400
25	1513	12.515	-0.307	-76.931	256.350	25	1571	2.325	-0.009	-14.003	244.600
25	1514	12.435	-0.307	-76.452	255.697	25	1572	2.055	0.001	-13.067	243.700
25	1515	12.123	-0.381	-75.023	255.918	25	1573	1.872	0.012	-12.397	243.700
25	1516	11.934	-0.359	-73.756	255.145	25	1574	1.661	0.056	-10.875	241.100
25	1517	11.726	-0.325	-72.309	255.305	25	1575	1.476	0.045	-9.629	243.100
25	1518	11.609	-0.362	-71.826	255.695	25	1576	1.288	0.045	-8.464	243.000
25	1519	11.474	-0.292	-70.596	256.288	25	1577	1.059	0.050	-7.335	246.200
25	1520	11.229	-0.331	-69.365	256.553	25	1578	0.884	0.041	-6.052	247.800
25	1521	11.075	-0.319	-68.367	257.300	25	1579	0.698	0.047	-5.060	248.400
25	1524	10.555	-0.313	-65.206	256.000	25	1580	0.547	0.068	-3.907	252.800
25	1525	10.276	-0.347	-63.740	256.600	25	1581	0.374	0.093	-2.872	256.900
25	1526	10.092	-0.325	-62.505	256.300	25	1582	0.212	0.050	-1.687	255.500
25	1527	9.955	-0.304	-61.553	256.400	25	1583	0.172	0.045	-0.642	218.000
25	1528	9.771	-0.331	-60.613	256.600	25	1584	0.350	0.078	0.970	129.700
25	1533	8.915	-0.313	-55.368	257.000	25	1585	0.645	0.062	1.631	107.300
25	1529	9.581	-0.313	-59.367	256.300	25	1586	0.813	0.078	3.496	103.100
25	1530	9.480	-0.258	-58.426	256.800	25	1587	0.988	0.087	4.409	100.100
25	1533	8.955	-0.273	-55.368	257.000	25	1588	1.142	0.090	5.407	96.000
25	1534	8.870	-0.235	-54.750	256.900	25	1589	1.357	0.118	6.311	95.800
25	1535	8.599	-0.215	-52.882	256.900	25	1590	1.595	0.108	7.436	94.200
25	1536	8.540	-0.221	-52.564	256.300	25	1591	1.741	0.112	8.922	93.600
25	1537	8.351	-0.236	-51.522	256.400	25	1592	1.919	0.102	9.777	91.100
25	1538	8.153	-0.258	-50.461	256.400	25	1593	2.138	0.118	10.901	90.600
25	1539	8.036	-0.187	-49.339	257.000	25	1594	2.358	0.118	12.124	90.000
25	1540	7.814	-0.184	-47.988	257.900	25	1595	2.463	0.121	13.422	88.700
25	1541	7.693	-0.193	-47.317	257.900	25	1596	2.593	0.084	14.274	84.200
25	1542	7.501	-0.153	-45.922	257.400	25	1597	2.735	0.047	15.279	80.700
25	1543	7.329	-0.116	-44.671	257.900	25	1598	2.885	0.025	16.255	78.000
25	1544	7.193	-0.128	-43.928	259.000	25	1599	2.885	0.010	17.249	76.000
25	1545	6.895	-0.221	-42.698	260.800	25	1601	3.277	0.004	19.757	74.656
25	1546	6.678	-0.245	-41.540	261.100	25	1602	3.407	0.001	20.634	75.633
25	1547	6.527	-0.245	-40.636	261.681	25	1603	3.607	0.010	21.581	73.869
25	1548	6.335	-0.270	-39.630	261.990	25	1605	4.038	0.007	24.189	70.730
25	1549	6.201	-0.218	-38.514	262.232	25	1606	4.228	-0.005	25.398	71.537
25	1550	5.972	-0.242	-37.288	261.989	25	1607	4.363	0.005	26.333	73.369
25	1551	5.879	-0.178	-36.342	261.401	25	1608	4.556	0.007	27.295	75.262
25	1552	5.737	-0.107	-35.064	260.499	25	1609	4.741	-0.018	28.552	75.526
25	1553	5.454	-0.162	-33.698	259.700	25	1610	4.887	-0.033	29.521	75.136
25	1554	5.356	-0.128	-32.909	257.497	25	1611	5.155	-0.012	31.000	74.359
25	1555	5.115	-0.165	-31.681	255.838	25	1612	5.288	-0.039	31.963	75.719
25	1557	4.784	-0.138	-29.530	255.107	25	1613	5.614	-0.024	33.828	75.796
25	1558	4.613	-0.125	-28.430	254.631	25	1616	6.348	0.047	37.806	74.715
25	1559	4.436	-0.110	-27.277	254.027	25	1617	7.200	0.044	42.934	73.093

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SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
25	1618	7.922	0.025	47.377	72.215	26	1558	9.924	-0.230	-60.938	256.400
25	1620	8.956	0.001	53.731	70.544	26	1559	9.760	-0.202	-59.775	256.400
26	1501	20.151	-0.322	-122.838	257.256	26	1560	9.513	-0.221	-58.402	256.100
26	1502	19.972	-0.356	-121.970	257.081	26	1561	9.392	-0.187	-57.475	255.700
26	1503	19.776	-0.396	-121.032	257.067	26	1562	9.233	-0.187	-56.520	255.000
26	1504	19.464	-0.384	-119.086	256.751	26	1563	9.053	-0.171	-55.347	255.000
26	1505	19.259	-0.427	-118.118	256.753	26	1564	8.877	-0.153	-54.179	254.900
26	1506	19.143	-0.378	-117.123	256.600	26	1565	8.711	-0.153	-53.184	254.800
26	1507	19.131	-0.261	-116.351	256.627	26	1566	8.521	-0.145	-52.116	254.800
26	1509	18.762	-0.279	-114.250	256.402	26	1567	8.341	-0.156	-50.983	254.800
26	1510	18.535	-0.282	-112.901	256.415	26	1568	8.142	-0.187	-49.972	254.700
26	1511	18.314	-0.267	-111.485	256.627	26	1569	7.967	-0.184	-48.903	254.300
26	1512	18.194	-0.235	-110.692	256.933	26	1570	7.723	-0.162	-47.311	254.300
26	1513	17.854	-0.341	-109.166	256.948	26	1571	7.546	-0.165	-46.266	254.200
26	1514	17.717	-0.396	-108.681	256.493	26	1572	7.398	-0.147	-45.307	254.200
26	1515	17.496	-0.381	-107.259	256.658	26	1573	7.294	-0.147	-44.648	254.300
26	1516	17.262	-0.402	-105.984	256.130	26	1574	7.093	-0.082	-43.051	254.100
26	1517	17.025	-0.399	-104.543	256.254	26	1575	6.914	-0.070	-41.906	254.900
26	1518	16.924	-0.421	-104.066	256.527	26	1576	6.747	-0.036	-40.822	253.600
26	1519	16.776	-0.365	-102.847	256.942	26	1577	6.600	-0.024	-39.741	256.100
26	1520	16.550	-0.387	-101.621	257.131	26	1578	6.406	-0.012	-38.504	256.700
26	1521	16.465	-0.307	-100.630	257.639	26	1579	6.219	-0.036	-37.531	257.000
26	1523	16.029	-0.379	-98.145	257.226	26	1580	6.047	-0.024	-36.426	257.800
26	1524	15.928	-0.316	-97.467	256.759	26	1581	5.890	-0.012	-35.407	258.200
26	1525	15.664	-0.338	-96.011	257.168	26	1582	5.744	0.041	-34.221	258.200
26	1526	15.458	-0.338	-94.777	256.974	26	1583	5.545	0.041	-33.028	257.600
26	1527	15.304	-0.335	-93.829	257.094	26	1584	5.352	0.029	-31.940	257.000
26	1528	15.160	-0.322	-92.893	257.197	26	1585	5.215	-0.029	-31.119	256.900
26	1529	15.118	-0.156	-91.648	257.031	26	1586	4.895	-0.005	-29.400	255.500
26	1531	14.765	-0.184	-89.692	257.627	26	1587	4.749	0.001	-28.491	255.100
26	1533	14.304	-0.307	-87.665	257.489	26	1588	4.573	-0.001	-27.436	254.900
26	1534	14.139	-0.368	-87.047	257.473	26	1589	4.404	-0.027	-26.585	254.300
26	1535	13.866	-0.331	-85.184	257.436	26	1590	4.258	0.013	-25.467	253.800
26	1536	13.772	-0.371	-84.842	257.057	26	1591	4.039	0.032	-24.045	253.000
26	1537	13.624	-0.347	-83.825	257.158	26	1592	3.842	-0.009	-23.104	253.000
26	1538	13.454	-0.341	-82.767	257.163	26	1593	3.687	0.019	-22.007	252.400
26	1539	13.277	-0.331	-81.651	257.524	26	1594	3.478	0.010	-20.808	251.600
26	1540	13.016	-0.368	-80.305	258.105	26	1595	3.249	0.001	-19.487	251.300
26	1541	12.952	-0.356	-79.851	257.700	26	1596	3.066	0.001	-18.394	253.900
26	1542	12.711	-0.365	-78.457	257.800	26	1597	2.887	0.007	-17.282	256.300
26	1543	12.641	-0.227	-77.207	258.100	26	1598	2.717	0.004	-16.281	258.700
26	1544	12.412	-0.331	-76.461	258.700	26	1599	2.593	0.041	-15.316	261.000
26	1545	12.250	-0.285	-75.212	259.700	26	1601	2.221	0.075	-12.880	264.043
26	1546	12.096	-0.245	-74.049	259.900	26	1602	2.059	0.065	-11.963	263.064
26	1547	11.919	-0.270	-73.135	259.200	26	1603	1.929	0.072	-11.145	267.076
26	1548	11.751	-0.270	-72.123	260.400	26	1605	1.929	0.068	-9.135	278.932
26	1550	11.361	-0.270	-69.783	260.300	26	1606	1.377	0.059	-7.908	280.776
26	1551	11.232	-0.242	-68.848	260.000	26	1607	1.188	0.072	-6.700	278.342
26	1552	11.108	-0.156	-67.585	259.500	26	1609	0.979	0.065	-5.479	273.971
26	1553	10.879	-0.159	-66.227	259.000	26	1608	0.769	0.059	-4.256	277.716
26	1554	10.730	-0.178	-65.444	257.900	26	1610	0.633	0.053	-3.478	286.847
26	1555	10.523	-0.178	-64.204	257.100	26	1611	0.517	0.068	-2.693	311.764
26	1557	10.095	-0.245	-62.045	256.800	26	1612	0.303	0.038	-1.591	326.081
26						26	1613	0.394	0.065	1.970	28.209

PROFILE 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/V)	DISTANCE	AZIMUTH
26	1616	1.041	0.087	5.727	53.567
26	1617	1.966	0.139	10.959	57.297
26	1618	2.712	0.139	15.438	59.192
26	1620	3.741	0.081	21.964	58.938

FAN SHOT INTO DEPLOYMENT 5

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
1	1020	22.205	-0.206	134.470	175.500	1	961	18.532	0.040	110.953	156.800
1	1019	22.389	0.091	133.791	175.200	1	960	18.342	-0.042	110.307	156.500
1	1017	22.541	0.240	133.808	174.900	1	959	18.339	-0.027	110.195	156.000
1	1018	22.547	0.163	134.302	174.600	1	958	18.195	-0.063	109.548	155.800
1	1016	22.409	0.194	133.295	174.500	1	957	18.117	-0.083	109.200	155.400
1	1015	22.536	0.383	132.914	174.200	1	955	18.050	-0.006	108.338	154.700
1	1014	22.203	0.137	132.396	174.000	1	954	18.021	0.040	107.889	154.300
1	1013	22.484	0.491	131.957	173.800	1	953	17.900	-0.027	107.563	153.900
1	1012	22.237	0.322	131.492	173.500	1	952	17.886	0.014	107.234	153.600
1	1011	22.238	0.383	131.129	173.000	1	951	17.798	-0.012	106.856	153.200
1	1010	21.890	0.204	130.115	173.000	1	950	17.660	-0.012	106.032	152.900
1	1009	21.933	0.219	130.283	172.500	1	949	17.554	-0.012	105.395	152.600
1	1008	21.699	0.168	129.189	172.500	1	948	17.594	-0.012	105.633	152.200
1	1007	21.811	0.281	129.180	172.000	1	947	17.787	-0.012	106.791	151.400
1	1004	21.710	0.399	127.868	171.200	1	946	17.743	-0.032	106.653	151.100
1	1003	21.574	0.424	126.897	171.000	1	945	17.851	-0.078	107.577	150.500
1	1001	21.218	0.306	125.467	170.900	1	944	17.943	-0.006	107.676	150.100
1	1000	21.288	0.496	124.750	170.700	1	943	17.909	0.004	107.431	149.700
1	999	20.976	0.271	124.234	170.200	1	942	17.982	-0.012	107.959	149.100
1	997	20.980	0.445	123.209	169.500	1	941	17.906	-0.006	107.474	148.800
1	995	20.379	-0.078	122.745	168.800	1	940	18.109	0.050	108.332	148.500
1	994	20.327	-0.114	122.649	168.400	1	939	17.781	0.050	106.389	148.600
1	993	20.386	-0.078	122.787	168.000	1	938	17.694	0.071	105.740	148.300
1	992	20.463	0.096	122.202	167.800	1	937	17.513	0.045	104.807	148.000
1	991	20.552	0.240	121.873	167.300	1	936	17.252	-0.130	104.286	147.700
1	990	20.524	0.091	122.597	166.700	1	935	17.659	0.250	104.455	147.200
1	989	20.253	0.060	121.157	166.700	1	934	17.498	0.250	103.489	146.900
1	988	19.848	-0.170	120.113	166.400	1	933	17.566	0.106	104.760	146.400
1	987	19.912	-0.068	119.882	166.100	1	932	17.502	0.106	104.376	145.900
1	986	19.787	-0.068	119.127	166.000	1	931	17.222	0.086	102.814	145.700
1	985	19.759	-0.047	118.837	165.700	1	930	17.515	0.137	104.267	145.200
1	984	19.707	-0.089	118.775	165.100	1	927	17.382	0.081	103.809	143.700
1	983	19.699	-0.073	118.633	164.800	1	925	17.253	0.065	103.124	142.900
1	982	19.673	-0.053	118.353	164.300	1	924	17.218	0.065	102.918	142.500
1	981	19.476	-0.089	117.390	164.200	1	923	17.204	0.147	102.337	142.200
1	980	19.408	-0.089	116.976	163.900	1	922	17.155	0.101	102.320	141.600
1	979	19.256	-0.160	116.500	163.600	1	921	17.138	0.112	102.160	141.300
1	978	19.242	-0.094	116.015	163.300	1	919	16.998	0.086	101.475	140.400
1	977	19.138	-0.094	115.391	163.000	1	918	17.004	0.101	101.414	139.900
1	976	19.095	-0.094	115.132	162.500	1	917	16.865	0.071	100.767	139.600
1	975	18.901	-0.206	114.645	162.300	1	914	17.119	0.250	101.213	138.100
1	974	18.890	-0.145	114.208	161.800	1	913	17.088	0.224	101.183	137.600
1	973	18.981	-0.058	114.234	161.300	1	912	17.002	0.183	100.910	137.300
1	972	18.958	-0.104	114.373	160.900	1	911	17.050	0.199	101.104	136.900
1	971	18.892	-0.063	113.728	160.600	1	910	17.182	0.209	101.837	136.400
1	970	18.759	-0.109	113.207	160.200	1	909	16.873	0.224	99.889	135.900
1	968	18.851	-0.047	113.388	159.300	1	907	17.039	0.199	101.039	134.800
1	967	18.756	-0.042	112.791	159.200	1	906	17.046	0.199	101.082	134.500
1	966	18.681	-0.027	112.244	158.900	1	905	17.378	0.132	103.477	133.700
1	965	18.575	-0.068	111.857	158.500	1	904	17.121	0.163	101.751	133.600
1	964	18.588	-0.012	111.595	158.100	1	903	17.260	0.163	102.581	133.500
1	963	18.563	-0.047	111.461	157.600	1	902	17.159	0.163	101.979	133.300
1	962	18.653	0.040	111.678	157.200	1	101	17.251	0.163	102.528	132.900

FAN SHOT INTO DEPLOYMENT 6

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
1	1101	17.215	0.127	102.528	132.878	1	1163	18.664	0.281	110.300	109.100
1	1102	17.257	0.158	102.593	132.204	1	1164	18.748	0.296	110.713	108.700
1	1103	17.288	0.168	102.723	131.685	1	1165	18.762	0.276	110.921	108.400
1	1104	17.060	0.204	101.136	131.652	1	1166	18.786	0.260	111.154	108.000
1	1105	17.051	0.168	101.300	131.357	1	1167	18.837	0.260	111.458	107.600
1	1106	17.246	0.153	102.559	130.954	1	1168	18.839	0.260	111.470	107.200
1	1107	17.115	0.168	101.683	130.509	1	1169	18.796	0.271	111.153	106.700
1	1109	17.001	0.132	101.216	129.579	1	1170	18.911	0.281	111.781	106.500
1	1110	16.939	0.127	100.872	129.272	1	1171	19.054	0.312	112.456	106.400
1	1111	16.987	0.081	101.435	128.698	1	1172	19.135	0.265	113.218	106.100
1	1112	16.818	0.117	100.211	128.241	1	1173	19.289	0.265	114.139	105.900
1	1114	17.222	0.142	102.479	127.847	1	1174	19.390	0.245	114.870	105.700
1	1113	16.646	0.127	99.112	127.831	1	1175	19.349	0.250	114.596	105.300
1	1115	17.056	0.106	101.696	127.362	1	1176	19.432	0.250	115.093	105.000
1	1116	17.438	0.163	103.653	127.093	1	1179	19.595	0.189	116.438	104.000
1	1117	17.052	0.153	101.399	126.635	1	1180	19.676	0.189	116.925	103.700
1	1118	17.330	0.199	102.789	126.364	1	1181	19.782	0.189	117.561	103.400
1	1119	17.178	0.163	102.094	125.903	1	1182	19.761	0.163	117.587	103.000
1	1120	17.187	0.147	102.239	125.657	1	1183	19.824	0.168	117.936	102.600
1	1121	17.287	0.158	102.776	125.312	1	1184	19.898	0.235	117.982	102.100
1	1123	17.060	0.142	101.508	124.521	1	1185	19.913	0.158	118.331	102.000
1	1124	17.041	0.173	101.208	124.112	1	1186	19.970	0.117	119.120	101.600
1	1125	17.097	0.142	101.727	123.742	1	1188	20.348	0.189	120.833	101.100
1	1126	17.274	0.142	102.791	123.346	1	1189	20.323	0.137	121.114	100.900
1	1127	17.271	0.127	102.864	122.928	1	1190	20.460	0.194	121.598	100.500
1	1128	17.338	0.122	103.299	122.645	1	1191	20.619	0.250	122.211	100.300
1	1129	17.292	0.122	103.019	122.136	1	1192	20.661	0.189	122.833	100.100
1	1131	17.199	0.122	102.464	121.196	1	1193	20.771	0.189	123.496	99.900
1	1132	17.041	0.122	101.516	120.723	1	1194	20.891	0.183	124.247	99.700
1	1133	17.164	0.122	102.255	120.243	1	1195	20.966	0.163	124.820	99.400
1	1134	17.056	0.122	101.608	119.877	1	1196	20.985	0.143	124.936	99.000
1	1136	16.802	0.106	100.172	118.852	1	1197	21.017	0.178	125.031	98.600
1	1137	16.937	0.127	100.863	118.566	1	1198	21.104	0.158	125.677	98.300
1	1139	17.256	0.168	102.531	117.824	1	1199	21.234	0.168	126.399	98.000
1	1140	17.241	0.142	102.591	117.436	1	1200	21.255	0.168	126.524	97.700
1	1141	17.153	0.168	101.923	116.881	1	1201	21.160	0.106	126.322	97.300
1	1142	17.169	0.153	102.100	116.206	1	1202	21.146	0.060	126.513	96.800
1	1143	17.409	0.183	103.353	116.046	1	1203	21.337	0.147	127.136	96.600
1	1144	17.583	0.235	104.093	115.708	1	1205	21.593	0.147	128.671	96.200
1	1145	17.649	0.255	104.363	115.406	1	1207	21.627	-0.001	129.772	95.700
1	1146	17.738	0.255	104.896	115.330	1	1208	21.698	-0.042	130.444	95.500
1	1147	17.714	0.255	104.754	114.783	1	1210	22.185	0.101	132.500	95.100
1	1149	17.988	0.317	106.039	114.733	1	1211	22.266	-0.012	133.668	94.100
1	1150	17.882	0.255	105.742	114.041	1	1212	22.488	0.024	134.780	93.500
1	1151	17.933	0.250	106.076	113.564	1	1213	22.646	0.060	135.516	93.100
1	1153	18.047	0.250	106.782	112.782	1	1214	22.708	-0.027	136.412	92.700
1	1154	18.123	0.250	107.241	112.367	1	1215	22.761	-0.170	137.589	92.200
1	1155	18.207	0.250	107.742	112.264	1	1216	22.786	-0.212	137.986	91.600
1	1156	18.262	0.265	107.981	111.827	1	1217	22.998	-0.176	139.043	91.500
1	1157	18.249	0.245	108.024	111.279	1	1218	23.146	-0.150	139.773	91.300
1	1158	18.302	0.296	108.033	110.896	1	1219	25.389	-0.299	154.128	85.400
1	1159	18.312	0.255	108.342	110.423	1	1220	25.438	-0.365	154.822	84.700
1	1160	18.478	0.296	109.088	110.103						
1	1161	18.655	0.327	109.969	109.800						

FAN SHOT INTO DEPLOYMENT 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
1	1302	31.840	-0.478	193.910	150.100	1	1359	29.128	-0.104	175.391	136.200
1	1303	31.697	-0.442	192.836	149.100	1	1360	29.119	-0.191	175.862	136.000
1	1304	31.548	-0.442	191.942	148.600	1	1361	29.045	-0.278	175.942	135.700
1	1305	31.577	-0.396	191.839	148.400	1	1362	29.122	-0.319	176.645	135.400
1	1306	31.541	-0.376	191.499	148.100	1	1364	29.294	-0.083	176.263	134.900
1	1308	31.481	-0.355	191.018	147.700	1	1365	29.005	-0.294	175.790	134.800
1	1310	31.478	-0.155	189.799	147.300	1	1366	29.185	-0.140	175.945	134.400
1	1311	31.233	-0.304	189.219	147.200	1	1367	29.148	-0.119	175.605	134.100
1	1312	31.138	-0.376	189.082	146.900	1	1368	28.944	-0.324	175.609	133.900
1	1313	31.109	-0.129	188.631	146.700	1	1369	28.965	-0.268	175.398	133.600
1	1314	30.976	-0.401	188.261	146.500	1	1370	29.010	-0.186	175.177	133.300
1	1315	30.896	-0.401	187.785	146.300	1	1371	29.076	-0.104	175.077	133.100
1	1316	30.873	-0.360	187.400	146.100	1	1372	28.980	-0.165	174.870	132.900
1	1317	30.833	-0.314	186.881	145.900	1	1373	28.898	-0.263	173.777	132.400
1	1318	30.864	-0.212	186.455	145.700	1	1374	28.700	-0.165	174.379	132.800
1	1319	30.739	-0.258	185.977	145.500	1	1375	28.708	-0.324	174.197	132.300
1	1320	30.655	-0.227	185.294	145.300	1	1376	28.843	-0.191	174.202	131.900
1	1321	30.506	-0.299	184.827	145.100	1	1377	28.658	-0.227	173.308	131.700
1	1322	30.402	-0.289	184.144	145.000	1	1378	28.703	-0.227	173.579	131.400
1	1323	30.295	-0.289	183.504	144.800	1	1379	28.666	-0.258	173.540	131.100
1	1324	30.243	-0.232	182.851	144.600	1	1380	28.944	-0.094	174.227	130.900
1	1325	30.177	-0.227	182.423	144.400	1	1381	28.738	-0.176	173.482	130.800
1	1326	30.147	-0.227	182.244	144.200	1	1382	28.735	-0.186	173.523	130.500
1	1327	30.059	-0.227	181.716	143.900	1	1384	28.566	-0.365	173.587	130.000
1	1328	29.943	-0.242	181.110	143.800	1	1385	28.690	-0.289	173.872	129.800
1	1329	29.967	-0.165	180.796	143.500	1	1386	28.643	-0.206	173.098	129.600
1	1330	29.941	-0.145	180.517	143.300	1	1388	28.674	-0.176	173.097	129.000
1	1331	29.887	-0.114	180.007	143.000	1	1389	28.635	-0.170	172.831	128.700
1	1333	29.805	-0.201	180.040	142.500	1	1390	28.474	-0.299	172.637	128.500
1	1334	29.702	-0.201	179.422	142.300	1	1391	28.376	-0.258	171.800	128.200
1	1335	29.689	-0.135	178.943	142.200	1	1392	28.472	-0.263	172.409	127.900
1	1336	29.610	-0.140	178.501	141.800	1	1393	28.467	-0.278	172.469	127.700
1	1337	29.621	-0.083	178.229	141.600	1	1394	28.557	-0.176	172.398	127.500
1	1338	29.591	-0.196	178.725	141.400	1	1395	28.631	-0.006	171.827	127.200
1	1339	29.611	-0.150	178.566	141.200	1	1396	28.638	-0.073	172.244	127.000
1	1340	29.639	-0.083	178.333	141.000	1	1397	28.519	-0.114	171.801	126.700
1	1341	29.591	-0.130	178.325	140.800	1	1398	28.346	-0.247	171.560	126.500
1	1342	29.698	0.024	178.040	140.600	1	1399	28.343	-0.247	171.544	126.200
1	1343	29.655	0.024	177.782	140.300	1	1400	28.217	-0.345	171.370	125.900
1	1344	29.644	-0.017	177.961	140.000	1	1401	28.361	-0.212	171.435	125.700
1	1345	29.283	-0.324	177.645	139.700	1	1402	28.225	-0.355	171.479	125.400
1	1346	29.159	-0.376	177.205	139.600	1	1403	28.111	-0.365	170.859	125.100
1	1347	29.386	-0.227	177.675	139.300	1	1404	28.128	-0.391	171.113	124.800
1	1348	29.257	-0.247	177.027	139.100	1	1405	28.215	-0.391	171.638	124.600
1	1349	29.181	-0.206	176.326	138.800	1	1406	28.262	-0.406	172.011	124.400
1	1350	29.128	-0.206	176.004	138.500	1	1407	28.242	-0.406	171.891	124.000
1	1351	29.126	-0.258	176.305	138.100	1	1408	28.261	-0.412	172.035	123.800
1	1352	29.249	-0.160	176.454	138.000	1	1409	28.173	-0.473	171.877	123.500
1	1353	29.146	-0.237	176.300	137.800	1	1410	28.410	-0.309	172.316	123.300
1	1354	29.164	-0.278	176.655	137.500	1	1412	28.241	-0.381	171.733	122.900
1	1355	29.294	-0.160	176.725	137.300	1	1413	28.540	-0.227	172.602	122.600
1	1356	29.108	-0.253	176.165	137.000	1	1414	28.281	-0.391	172.035	122.400
1	1357	29.061	-0.222	175.698	136.700	1	1415	28.257	-0.381	171.827	122.000
1	1358	29.189	-0.083	175.633	136.500	1	1416	28.548	-0.170	172.312	121.800

FAN SHOT INTO DEPLOYMENT 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
1	1417	28.779	-0.078	173.143	120.982	3R	1302	19.556	-0.106	117.973	162.600
1	1419	28.430	-0.345	172.650	120.394	3R	1303	19.368	-0.009	116.260	161.200
1	1420	28.445	-0.289	172.402	120.043	3R	1304	19.165	-0.009	115.041	160.500
1	1421	28.494	-0.145	171.833	119.523	3R	1305	19.124	-0.004	114.770	160.100
						3R	1306	19.061	0.017	114.266	159.700
						3R	1307	18.985	0.001	113.902	159.500
						3R	1308	18.900	-0.019	113.516	159.000
						3R	1309	18.840	0.027	112.880	159.700
						3R	1310	18.709	0.027	112.091	158.600
						3R	1311	18.614	0.037	111.462	158.500
						3R	1312	18.561	0.037	111.145	158.000
						3R	1313	18.478	0.053	110.552	157.600
						3R	1314	18.364	0.017	110.081	157.300
						3R	1315	18.277	0.027	109.500	157.100
						3R	1316	18.246	0.078	109.005	156.800
						3R	1317	18.131	0.073	108.349	156.400
						3R	1319	17.926	0.053	107.240	155.800
						3R	1321	17.738	0.094	105.868	155.200
						3R	1322	17.568	0.047	105.122	155.000
						3R	1323	17.530	0.130	104.401	154.800
						3R	1324	17.405	0.130	103.653	154.500
						3R	1325	17.317	0.130	103.127	154.200
						3R	1326	17.237	0.099	102.830	153.900
						3R	1327	17.129	0.099	102.183	153.500
						3R	1328	17.038	0.119	101.514	153.300
						3R	1329	16.965	0.119	101.073	152.900
						3R	1330	16.904	0.124	100.679	152.500
						3R	1331	16.852	0.176	100.056	152.100
						3R	1333	16.809	0.170	99.828	151.100
						3R	1334	16.689	0.165	99.143	150.800
						3R	1335	16.593	0.160	98.594	150.600
						3R	1336	16.516	0.181	98.014	150.000
						3R	1337	16.455	0.181	97.646	149.600
						3R	1338	16.512	0.170	98.051	149.200
						3R	1339	16.452	0.150	97.811	148.900
						3R	1340	16.400	0.150	97.498	148.500
						3R	1341	16.384	0.150	97.402	148.100
						3R	1342	16.431	0.258	97.041	147.700
						3R	1343	16.373	0.258	96.689	147.300
						3R	1344	16.539	0.412	96.766	146.700
						3R	1345	16.332	0.273	96.356	146.300
						3R	1346	16.251	0.273	95.870	146.000
						3R	1347	16.388	0.350	96.230	145.400
						3R	1348	16.281	0.360	95.527	145.100
						3R	1349	16.024	0.232	94.751	144.600
						3R	1350	15.964	0.242	94.331	144.000
						3R	1351	16.454	0.699	94.533	143.300
						3R	1352	16.221	0.447	94.643	143.100
						3R	1353	16.060	0.319	94.446	142.700
						3R	1354	16.148	0.360	94.727	142.200
						3R	1355	16.222	0.432	94.739	141.700
						3R	1356	16.078	0.391	94.121	141.200
						3R	1357	15.981	0.381	93.602	140.800
						3R	1358	15.973	0.391	93.494	140.400

FAN SHOT INTO DEPLOYMENT 7

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
3R	1359	15.924	0.391	93.198	139.800	3R	1416	16.016	0.591	92.550	112.500
3R	1360	15.995	0.391	93.627	139.300	3R	1419	16.082	0.591	92.947	111.100
3R	1361	15.985	0.376	93.659	138.800	3R	1420	16.073	0.591	92.892	110.400
3R	1362	16.107	0.386	94.325	138.300						
3R	1363	16.177	0.545	93.795	137.800						
3R	1364	16.119	0.473	93.874	137.300						
3R	1365	16.017	0.453	93.386	137.000						
3R	1366	16.016	0.432	93.502	136.300						
3R	1367	15.971	0.447	93.143	135.800						
3R	1368	15.954	0.432	93.129	135.400						
3R	1369	15.952	0.468	92.902	134.900						
3R	1370	15.902	0.458	92.669	134.400						
3R	1371	15.885	0.458	92.561	133.900						
3R	1372	15.870	0.478	92.348	133.500						
3R	1373	15.757	0.447	91.856	133.300						
3R	1374	15.656	0.447	91.253	132.600						
3R	1375	15.757	0.478	91.673	132.300						
3R	1376	15.790	0.509	91.686	131.700						
3R	1377	15.632	0.499	90.800	131.200						
3R	1378	15.680	0.499	91.086	130.600						
3R	1379	15.676	0.499	91.064	130.100						
3R	1380	15.845	0.550	91.768	129.700						
3R	1381	15.701	0.530	91.028	129.500						
3R	1382	15.717	0.535	91.093	129.000						
3R	1384	15.736	0.535	91.211	128.100						
3R	1385	15.789	0.535	91.527	127.600						
3R	1386	15.665	0.535	90.781	127.200						
3R	1388	15.639	0.494	90.872	126.100						
3R	1389	15.629	0.519	90.657	125.500						
3R	1390	15.604	0.519	90.511	125.000						
3R	1391	15.474	0.519	89.727	124.500						
3R	1392	15.627	0.560	90.399	124.000						
3R	1393	15.604	0.519	90.511	123.600						
3R	1394	15.604	0.524	90.476	123.300						
3R	1395	15.563	0.565	89.988	122.600						
3R	1396	15.609	0.530	90.475	122.300						
3R	1397	15.565	0.550	90.091	121.700						
3R	1398	15.553	0.565	89.977	121.200						
3R	1399	15.533	0.535	89.993	120.700						
3R	1400	15.542	0.576	89.920	120.000						
3R	1401	15.533	0.524	90.051	119.700						
3R	1402	15.603	0.571	90.197	119.100						
3R	1403	15.525	0.576	89.696	118.400						
3R	1404	15.580	0.576	90.025	118.100						
3R	1405	15.686	0.576	90.660	117.500						
3R	1406	15.756	0.576	91.084	117.300						
3R	1407	15.763	0.576	91.123	116.500						
3R	1408	15.802	0.576	91.358	116.100						
3R	1409	15.822	0.601	91.321	115.600						
3R	1410	15.909	0.601	91.848	115.200						
3R	1412	15.853	0.601	91.509	114.200						
3R	1413	16.014	0.601	92.474	113.900						
3R	1414	15.936	0.601	92.007	113.500						
3R	1415	15.928	0.601	91.961	112.800						

FAN SHOT INTO DEPLOYMENT 8

SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH	SHOT POINT	RECORDER LOCATION	TRAVEL TIME (REAL)	TRAVEL TIME (T-X/6)	DISTANCE	AZIMUTH
17	1501	15.704	0.456	91.485	163.940	17	1561	19.839	0.441	116.390	130.000
17	1502	15.725	0.407	91.911	163.413	17	1562	19.990	0.407	117.496	129.800
17	1503	15.722	0.389	92.001	162.833	17	1563	20.105	0.407	118.188	129.400
17	1504	15.891	0.432	92.815	161.664	17	1564	20.201	0.376	118.949	128.900
17	1505	15.961	0.478	92.889	161.072	17	1565	20.292	0.367	119.549	128.600
17	1506	16.023	0.472	93.312	160.483	17	1566	20.363	0.333	120.176	128.200
17	1507	16.019	0.462	93.339	160.010	17	1567	20.524	0.376	120.885	127.700
17	1509	16.170	0.496	94.042	158.771	17	1568	20.588	0.327	121.568	127.400
17	1510	16.153	0.453	94.199	157.960	17	1569	20.757	0.349	122.454	127.100
17	1511	16.145	0.478	94.001	157.075	17	1571	21.026	0.345	124.083	126.100
17	1512	16.069	0.478	93.546	156.540	17	1572	21.129	0.345	124.700	125.800
17	1513	16.132	0.499	93.797	155.624	17	1573	21.180	0.345	125.007	125.500
17	1514	16.290	0.499	94.744	155.433	17	1574	21.382	0.355	126.162	125.000
17	1515	16.282	0.496	94.716	154.557	17	1575	21.398	0.330	126.411	124.500
17	1516	16.508	0.518	95.944	153.930	17	1576	21.448	0.330	126.709	123.900
17	1517	16.584	0.579	96.029	153.066	17	1577	21.522	0.330	127.150	123.500
17	1518	16.524	0.582	95.652	152.723	17	1578	21.591	0.308	127.697	122.900
17	1519	16.507	0.638	95.216	151.909	17	1579	21.515	-0.055	128.215	122.600
17	1520	16.484	0.616	95.210	151.149	17	1580	21.675	0.235	128.645	122.100
17	1521	16.771	0.601	97.019	148.900	17	1581	21.804	0.278	129.158	121.700
17	1525	16.770	0.635	96.813	148.000	17	1582	22.009	0.339	130.020	121.300
17	1526	16.888	0.635	97.523	147.300	17	1583	22.139	0.287	131.114	121.100
17	1527	16.910	0.635	97.654	146.800	17	1584	22.311	0.287	132.143	120.900
17	1528	16.908	0.604	97.827	146.200	17	1585	22.414	0.287	132.764	120.600
17	1529	17.050	0.632	98.513	145.600	17	1586	22.673	0.256	134.501	120.300
17	1530	17.030	0.632	98.390	145.000	17	1587	22.805	0.256	135.293	120.100
17	1531	17.022	0.628	98.364	144.400	17	1588	22.936	0.256	136.077	119.800
17	1533	17.158	0.598	99.363	143.300	17	1589	23.052	0.238	136.886	119.700
17	1534	17.207	0.601	99.635	143.000	17	1590	23.208	0.238	137.821	119.400
17	1535	17.332	0.589	100.460	142.100	17	1591	23.423	0.238	139.114	119.100
17	1536	17.452	0.601	101.108	142.000	17	1592	23.497	0.216	139.685	118.800
17	1537	17.472	0.570	101.410	141.500	17	1593	23.636	0.198	140.627	118.600
17	1538	17.571	0.595	101.860	140.900	17	1594	23.819	0.213	141.637	118.300
17	1539	17.569	0.589	101.881	140.300	17	1595	23.984	0.213	142.627	117.900
17	1540	17.591	0.628	101.776	139.400	17	1596	23.989	0.195	142.768	117.400
17	1541	17.721	0.628	102.555	139.183	17	1597	23.963	0.118	143.069	116.900
17	1542	17.810	0.616	103.160	138.491	17	1599	24.038	0.078	143.764	116.000
17	1543	17.905	0.669	103.418	137.784	17	1601	24.350	0.121	145.373	115.207
17	1544	17.981	0.810	103.027	137.182	17	1602	24.470	0.093	146.259	115.090
17	1545	17.733	0.638	102.575	136.213	17	1603	24.577	0.152	146.551	114.660
17	1546	17.809	0.638	103.027	135.610	17	1605	24.792	0.189	147.621	113.625
17	1547	17.840	0.638	103.215	135.073	17	1606	24.978	0.189	148.738	113.412
17	1548	17.892	0.619	103.638	134.560	17	1607	25.032	0.035	149.983	113.416
17	1549	18.017	0.653	104.182	134.022	17	1608	25.286	0.072	151.384	113.447
17	1550	18.095	0.585	105.059	133.553	17	1609	25.290	-0.101	152.343	113.196
17	1551	18.245	0.589	105.937	133.278	17	1610	25.362	-0.135	152.977	112.916
17	1552	18.430	0.570	107.158	132.923	17	1611	25.428	-0.218	153.874	112.459
17	1553	18.587	0.527	108.360	132.503	17	1612	25.670	-0.178	155.087	112.462
17	1554	18.871	0.561	109.861	132.562	17	1613	25.835	-0.264	156.594	112.070
17	1555	19.111	0.558	111.320	132.309	17	1616	26.138	-0.421	159.355	111.026
17	1557	19.302	0.499	112.818	131.509	17	1617	26.629	-0.495	162.742	109.625
17	1558	19.405	0.468	113.618	131.115	17	1618	27.025	-0.618	165.855	108.318
17	1559	19.522	0.441	114.489	130.715	17	1620	27.812	-0.525	170.025	106.840
17	1560	19.688	0.441	115.486	130.200						

APPENDIX D

Archive Tape Data Format

Archive data tapes are written in SEG Y standard format (Barry et al, 1975). Recording density is 1600 bpi, phase encoded (PE). In order to accomodate seismic refraction data, some minor changes have been made to the tape header fields. A complete list of header fields is provided in the card image portion of the reel identification header, shown below:

C 1	REEL IDENTIFICATION HEADER BYTES :	
C 2	3217 -3218	SAMPLING INTERVAL (MICROSECS).
C 3	3221 -3222	NUMBER OF SAMPLES PER TRACE.
C 4	3225 -3226	DATA SAMPLE FORMAT CODE.
C 5	3255 -3256	MEASUREMENT SYSTEM (1 = METERS; 2 = FEET)
C 6		
C 7		
C 8	TRACE IDENTIFICATION HEADER BYTES :	
C 9	1 - 4	TRACE SEQUENCE NUMBER WITHIN REEL.
C10	5 - 8	TRACE SEQUENCE NUMBER WITHIN REEL.
C11	9 - 12	STATION LOCATION NUMBER.
C12	29 - 30	TRACE ID CODE (1 = SEISMIC DATA).
C13	37 - 40	SHOTPOINT-RECEIVER DISTANCE (M).
C14	41 - 44	STATION ELEVATION (M).
C15	45 - 48	SHOTPOINT ELEVATION (M).
C16	49 - 52	SOURCE DEPTH (M).
C17	69 - 70	SCALAR TO BE APPLIED TO ALL ELEVATIONS.
C18	71 - 72	SCALAR TO BE APPLIED TO ALL COORDINATES.
C19	73 - 76	SHOTPOINT COORDINATE - X.
C20	77 - 80	SHOTPOINT COORDINATE - Y.
C21	81 - 84	RECEIVER COORDINATE - X.
C22	85 - 88	RECEIVER COORDINATE - Y.
C23	89 - 90	COORDINATE UNITS (1 = METERS; 2 = SECONDS OF ARC).
C24	115 - 116	NUMBER OF SAMPLES IN THIS TRACE.
C25	117 - 118	SAMPLE INTERVAL IN MICROSECONDS FOR THIS TRACE.
C26	121 - 122	INSTRUMENT ATTENUATION IN DB.
C27	157 - 158	SHOT TIME - YEAR.
C28	159 - 160	SHOT TIME - DAY OF YEAR.
C29	161 - 162	SHOT TIME - HOUR OF DAY (24 HOUR CLOCK).
C30	163 - 164	SHOT TIME - MINUTE OF HOUR.
C31	165 - 166	SHOT TIME - SECOND OF MINUTE.
C32	167 - 168	TIME BASIS CODE (2 = GMT).
C33	181 - 182	SHOT TIME - MILLISECONDS.
C34	183 - 184	SHOTPOINT LOCATION NUMBER.
C35	185 - 186	RECORDING INSTRUMENT UNIT NUMBER.
C36	191 - 192	DISTANCE WEIGHTING EXPONENT (HUNDREDTHS).
C37	193 - 194	SHOT SEQUENCE NUMBER (SHOT NUMBER).
C38	195 - 196	SHOT SIZE (KG).
C39	197 - 200	SHOTPOINT - STATION AZIMUTH (SEC OF ARC).
C40	201 - 204	TIME OF FIRST POINT MINUS SHOT TIME (MSEC)

The data point format is "32 bit floating point", and the appropriate bytes (3225-3226) of the binary reel id header contain a value of 1. The trace amplitudes have not been adjusted for instrument gain, but the gain correction factor can be estimated from the instrument attenuation value (att) specified in bytes 121-122. To correct for gain, the data should be demeaned and then multiplied by

$$\frac{\text{att}}{20}$$

10

The measurement system (bytes 3255-3256 of the binary reel header) is set to 1, meters.

Shotpoint and receiver coordinates are in seconds of arc (byte field 89-90). The coordinate scalar multiplier (bytes 71-72) is set to -100, so the coordinates (bytes 73-88) are in hundredths of a second of arc.

Bytes 157-166 and bytes 181-182 refer to the shot detonation time. The time of the first data sample is found by adding the shot detonation time to the time specified in bytes 201-204.

Since there is no weighting of amplitudes with distance for archive tapes, the distance weighting exponent (bytes 191-192) is not used.

Shot sequence number (bytes 193-194) refers to the order in which shots were fired during the field campaign.

REFERENCE

Barry, K.M., D.A. Cavers, and C.W. Kneale (1975). Recommended Standards for Digital Tape Formats, Geophysics 40, 344-352.