PROCESSED SEISMIC MOTION RECORDS FROM
EARTHQUAKES (1982 THROUGH 1993)

RECORDED AT
SCOTTY'S CASTLE, CALIFORNIA

Peter K. Lum

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October, 1993

Prepared for
U.S. Department of Energy
Under Contract DE-AC08-89NV10733

Prepared by
URS/John A. Blume & Associates, Engineers
100 California Street, San Francisco, CA 94111

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EARTHQUAKES RECORDED AT SCOTTY'S CASTLE, CALIFORNIA (1982 THROUGH 1993)

Background

As part of the contract with the U.S. Department of Energy, Nevada Operations Office (DOE/NV), URS/John A. Blume & Associates, Engineers (URS/Blume) maintained a network of seismographs to monitor the ground motion generated by the underground nuclear explosions (UNEs) at the Nevada Test Site (NTS). The seismographs were located in the communities surrounding the NTS and the Las Vegas valley. When these seismographs were not used for monitoring the UNE generated motions, a limited number of seismographs were maintained for monitoring motion generated by other than UNEs (e.g. motion generated by earthquakes, wind, blast). Scotty's Castle was one of the selected earthquake monitoring station.

During the period from 1982 through 1993, numerous earthquakes with varied in magnitudes and distances were recorded at Scotty's Castle. The records from 24 earthquakes were processed and included in this report. Tables 1 and 2 lists the processed earthquakes in chronological order and in the order of epicentral distances, respectively. Figure 1 shows these epicenters and magnitudes. Due to the potential benefit of these data for the scientific community, DOE/NV and the National Park Service authorize the release of these records.

Description of Equipment

Three types of seismographs were used in the monitoring program. They were L-7 velocity meter manufactured by the Precision Instrument Company (L-7B system) and by Develco, Inc. (L-7D system); PDR-1 by Kinemetrics; and PDAS-100 by Teledyne Geotech. The FBA-11 accelerometers manufactured by Kinemetrics were utilized as sensors for both PDR-1 and PDAS-100 systems. The FBA-11 has a flat response from DC to 50 Hz.

L-7 Velocity Meter: It is a continuously recording velocity seismograph which records the motion on an analog magnetic tape. The system has a flat velocity response over a frequency spectrum from 0.1 Hz to 34 Hz (Reference 1). It has a recording capability of 5 continuous days.

PDR-1: The acceleration signal is converted to a digital form and recorded on a digital cassette tape. The system is set to trigger on a short-term average (STA) and long-term average (LTA) threshold. It has a pre-event memory of about 5 seconds and has a recording capability of approximately 20 minutes.

PDAS-100: The acceleration signal is converted to a digital form and recorded on a random access memory (RAM) within the system. The system is set to trigger on a short-term average (STA) and long-term average (LTA) threshold. The selectable pre-event memory is set for 20 seconds and has a recording capability of approximately 20 minutes.

Conversion and Processing

The records obtained from the earthquakes recorded at Scotty's Castle were retrieved and converted from field data to a computer compatible format for processing. The processing was performed using URS/Blume's standard signal processing as described in Reference 2.

In general, the processing is performed in three phases:

- In Phase 1 processing, the seismic signal is converted from field data to a computer compatible format using a special interface equipment. The data are scaled to an engineering unit (cm/sec^2 or cm/sec). The resulting plots are checked for any error and reviewed for additional processing requirements.
- In Phase 2 processing, the records are processed using the noise reduction techniques. The techniques include baseline correction, cosine tapering and application of low-pass and high-pass filtering using the Butterworth filter, order 4.

For the UNE generated ground motion records, they are generally band-pass filtered from 0.1 to 33Hz. The pseudo relative velocity spectrum (PSRV) of 49 periods and 5 percent of critical damping is computed. The 49 periods are equally spaced on a logarithmic scale from 0.05 to 6.072 seconds. Fourier amplitude spectra are generated before and after the Phase 2 processing. The corrected acceleration, velocity and displacement time histories ; are generated using numerical differentiation and integration.

- In the final phase, the records are arranged for the long-term preservation and for report preparation. The final product contains data plots in chronological order of data processing; original recording, uncorrected and corrected Fourier amplitude spectra, corrected acceleration, velocity, displacement and PSRV.

Results

Tables 3 and 4 tabulate in chronological order and in the order of epicentral distances, respectively, the uncorrected peak acceleration or velocity, corrected peak acceleration, velocity and displacement values and any data processing comments. The data are written in the data format which are compatible with the standard tape format for CSMIP (California Strong Motion Instrumentation Program) strong-motion data tapes (Reference 3). Table 5 summaries the standard data format.

The data were copied onto a 8MM tape, ASCII format (record length=80, blocksize=2000). Table 6 gives examples of VAX/VMS commands on how the data tape was created and how to retrieve the data files.

Acknowledgment

The seismographs at Scotty's Castle were maintained by the electronic technicians, Walter Jungblut and Robert Stewart. The seismic records conversion and processing staff included Vickie Ross, Stephanie Miller, Rosemarie Musso, Ben Gacula and Cory Lieber.

References

1. Navarro, R., and G. M. Wuollet, "The L-7 Velocity Seismograph Shaking-Table Results", NOAA Technical Report ERL 254-ESL 26, Boulder, Colorado, July 1972.
2. Lum, P. K., "Overview of Seismic Signal Conversion and Processing Operations", URS/John A. Blume & Associates, Engineers, San Francisco, JAB-10733-TM3, March 1991.
3. Shakal, A. F. and Huang, M. J., "Standard Tape Format for CSMIP Strong-Motion Data Tapes", California Department of Conservation, Division of Mines and Geology, Office of Strong Motion Studies, Report OSMS 85-03, December 1985.

Table 1: List of Earthquakes recorded at Scotty's Castle in Chronological Order

Year	Date	EQ No.	Description	Mag.	<- Coordinates ->		Distance from Epicenter (km)
					N	W	
1982	10/01/82	274-01-35	Ridgecrest, California.	4.4	37.854	118.191	118
	10/01/82	274-14-29	Ridgecrest, California.	4.9	35.737	117.752	149
	10/01/82	274-17-15	Ridgecrest, California.	3.7	35.751	117.757	147
	10/01/82	274-20-46	Ridgecrest, California.	3.8	36.749	117.748	147
	10/01/82	274-22-11	Ridgecrest, California.	4.1	35.724	117.759	150
1983	01/07/83	007-01-39	Mammoth Lakes, California.	5.4	37.628	118.915	154
	07/03/83	184-19-10	Mammoth Lakes, California.	5.2	37.535	118.858	145
1984	11/23/84	328-18-40	Mammoth Lakes, California.	5.6	37.480	118.655	127
1986	03/06/86	065-20-17	Near Scotty's, California.	3.2	37.173	117.306	16
	06/04/86	155-15-07	California/Nevada Border.	3.3	37.326	117.187	35
	07/20/86	201-14-29	Owens Valley, California.	5.9	37.580	118.450	115
	07/21/86	202-14-45	Chalfant Valley, California.	4.6	37.580	118.420	113
	07/21/86	202-22-07	Chalfant Valley, California.	5.5	37.498	118.397	107
	07/31/86	212-07-23	Chalfant Valley, California.	5.8	37.458	118.374	103
1991	03/10/91	069-21-38	North of Mesquite, Nevada.	4.0	37.110	115.232	187
	06/28/91	179-14-44	Southern California.	5.8	34.262	118.002	314
	08/12/91	224-11-50	35 Miles South of Hawthorne	4.8	38.227	118.758	182
1992	04/22/92	114-04-50	Desert Hot Springs, California.	6.1	33.943	116.332	355
	06/28/92	180-15-05	Big Bear, California.	6.6	34.201	116.826	318
	07/05/92	187-06-54	Little Skull Mt., Nevada, Aftershock1	4.4	36.674	116.265	104
	09/13/92	257-11-46	Little Skull Mt., Nevada, Aftershock2	4.1	36.665	116.324	99
	09/25/92	269-21-12	Little Skull Mt., Nevada, Aftershock3	3.2	36.688	116.307	100
	09/25/92	269-21-16	Little Skull Mt., Nevada, Aftershock4	3.1	36.684	116.277	102
1993	05/17/93	137-23-20	California / Nevada border	6.0	37.100	117.800	41

Table 2: List of Earthquakes recorded at Scotty's Castle in the Order of Distances

Year	Date	EQ No.	Description	Mag.	<- Coordinates ->		Distance from Epicenter (km)
					N	W	
1986	03/06/86	065-20-17	Near Scotty's, California.	3.2	37.173	117.306	16
1986	06/04/86	155-15-07	California/Nevada Border.	3.3	37.326	117.187	35
1993	05/17/93	137-23-20	California / Nevada border	6.0	37.100	117.800	41
1992	09/13/92	257-11-46	Little Skull Mt., Nevada, Aftershock2	4.1	36.665	116.324	99
1992	09/25/92	269-21-12	Little Skull Mt., Nevada, Aftershock3	3.2	36.688	116.307	100
1992	09/25/92	269-21-16	Little Skull Mt., Nevada, Aftershock4	3.1	36.684	116.277	102
1986	07/31/86	212-07-23	Chalfant Valley, California.	5.8	37.458	118.374	103
1992	07/05/92	187-06-54	Little Skull Mt., Nevada, Aftershock1	4.4	36.674	116.265	104
1986	07/21/86	202-22-07	Chalfant Valley, California.	5.5	37.498	118.397	107
1986	07/21/86	202-14-45	Chalfant Valley, California.	4.6	37.580	118.420	113
1986	07/20/86	201-14-29	Owens Valley, California.	5.9	37.580	118.450	115
1982	10/01/82	274-01-35	Ridgecrest, California.	4.4	37.854	118.191	118
1984	11/23/84	328-18-40	Mammoth Lakes, California.	5.6	37.480	118.655	127
1983	07/03/83	184-19-10	Mammoth Lakes, California.	5.2	37.535	118.858	145
1982	10/01/82	274-17-15	Ridgecrest, California.	3.7	35.751	117.757	147
1982	10/01/82	274-20-46	Ridgecrest, California.	3.8	36.749	117.748	147
1982	10/01/82	274-14-29	Ridgecrest, California.	4.9	35.737	117.752	149
1982	10/01/82	274-22-11	Ridgecrest, California.	4.1	35.724	117.759	150
1983	01/07/83	007-01-39	Mammoth Lakes, California.	5.4	37.628	118.915	154
1991	08/12/91	224-11-50	35 Miles South of Hawthorne	4.8	38.227	118.758	182
1991	03/10/91	069-21-38	North of Mesquite, Nevada.	4.0	37.110	115.232	187
1991	06/28/91	179-14-44	Southern California.	5.8	34.262	118.002	314
1992	06/28/92	180-15-05	Big Bear, California.	6.6	34.201	116.826	318
1992	04/22/92	114-04-50	Desert Hot Springs, California.	6.1	33.943	116.332	355

Table 3: Peak Amplitudes (Chronological Sort)

Date	EQ No.	Station/Instr	Comp	<--- Uncorrected --->		<----- Corrected ----->		Distance from Epicenter (km)	Comments
				Accel. (cm/sec ²)	Velocity (cm/sec)	Accel. (cm/sec ²)	Velocity (cm/sec)		
10/01/82	274-01-35	SCT2B L-7D	DOWN	0.00000	-0.02351	-0.89767	-0.02370	0.00171	118
10/01/82	274-01-35	SCT2B L-7D	NORTH	0.00000	-0.03246	-0.82600	-0.03006	0.00732	118
10/01/82	274-01-35	SCT2B L-7D	WEST	0.00000	-0.05025	-1.11872	-0.04989	0.00403	118
10/01/82	274-14-29	SCT2B L-7D	DOWN	0.00000	-0.07593	0.58176	-0.07428	0.04176	149
10/01/82	274-14-29	SCT2B L-7D	NORTH	0.00000	-0.07972	-0.74242	-0.08068	0.04981	149
10/01/82	274-14-29	SCT2B L-7D	WEST	0.00000	0.19775	-1.08497	0.19836	-0.12660	149
10/01/82	274-17-15	SCT2B L-7D	DOWN	0.00000	0.01120	0.35041	0.00921	-0.00186	147
10/01/82	274-17-15	SCT2B L-7D	NORTH	0.00000	0.01203	0.34583	-0.01135	0.00491	147
10/01/82	274-17-15	SCT2B L-7D	WEST	0.00000	0.01233	0.45676	0.01180	-0.00214	147
10/01/82	274-20-46	SCT2B L-7D	DOWN	0.00000	-0.00822	0.32201	-0.00691	0.00162	147
10/01/82	274-20-46	SCT2B L-7D	NORTH	0.00000	0.28298	-0.36323	0.05690	0.01427	147
10/01/82	274-20-46	SCT2B L-7D	WEST	0.00000	0.02558	0.43863	0.02158	-0.00627	147
10/01/82	274-22-11	SCT2B L-7D	DOWN	0.00000	-0.01373	0.37969	-0.01317	-0.00527	150
10/01/82	274-22-11	SCT2B L-7D	NORTH	0.00000	-0.01830	0.40838	-0.01636	0.01046	150
10/01/82	274-22-11	SCT2B L-7D	WEST	0.00000	0.02336	-0.72049	0.02360	-0.00555	150
01/07/83	007-01-39	SCT2B L-7D	DOWN	0.00000	-0.01375	0.49030	0.01331	0.00590	154
01/07/83	007-01-39	SCT2B L-7D	NORTH	0.00000	0.02930	0.69116	0.02779	-0.00561	154
01/07/83	007-01-39	SCT2B L-7D	WEST	0.00000	-0.03058	0.86046	0.02990	-0.00564	154
07/03/83	184-19-10	SCT2B L-7D	DOWN	0.00000	0.04498	-1.22682	-0.04078	0.00634	145
07/03/83	184-19-10	SCT2B L-7D	NORTH	0.00000	-0.09433	-1.68944	-0.09088	-0.01609	145
07/03/83	184-19-10	SCT2B L-7D	WEST	0.00000	-0.08719	-1.46701	-0.08505	-0.00848	145
11/23/84	328-18-40	SCT2B L-7D	DOWN	0.00000	0.13903	2.38637	0.12289	-0.05056	127
11/23/84	328-18-40	SCT2B L-7D	NORTH	0.00000	0.42616	-4.55996	0.39552	-0.19089	127
11/23/84	328-18-40	SCT2B L-7D	WEST	0.00000	0.23305	4.20557	0.23271	0.09448	127
03/06/86	065-20-17	SCT2B L-7D	DOWN	0.00000	-0.26723	-6.64534	-0.26495	0.01389	16
03/06/86	065-20-17	SCT2B L-7D	NORTH	0.00000	0.35466	-9.25464	0.35646	-0.02196	16
03/06/86	065-20-17	SCT2B L-7D	WEST	0.00000	0.53367	11.44241	0.53466	-0.02562	16
06/04/86	155-15-07	SCT2B L-7D	DOWN	0.00000	-0.13143	5.27044	-0.12921	-0.00528	35
06/04/86	155-15-07	SCT2B L-7D	NORTH	0.00000	-0.17591	-5.85337	-0.17386	0.00756	35
06/04/86	155-15-07	SCT2B L-7D	WEST	0.00000	0.12756	-5.49741	0.12778	-0.00492	35
06/04/86	155-15-07	SCT2F PDR-1	DOWN	5.19465	0.00000	5.17892	-0.12333	-0.00348	35
06/04/86	155-15-07	SCT2F PDR-1	NORTH	-4.64900	0.00000	-4.64769	-0.14285	0.00579	35
06/04/86	155-15-07	SCT2F PDR-1	WEST	-4.80859	0.00000	-4.80323	0.11714	-0.00479	35
07/20/86	201-14-29	SCT2B L-7D	DOWN	0.00000	-0.20269	-4.57502	-0.19948	-0.10415	115
07/20/86	201-14-29	SCT2B L-7D	NORTH	0.00000	0.51288	5.39006	0.48847	0.24553	115
07/20/86	201-14-29	SCT2B L-7D	WEST	0.00000	0.33454	-5.78028	0.31628	0.19199	115
07/20/86	201-14-29	SCT2F PDR-1	DOWN	-4.17417	0.00000	-4.18898	0.18546	0.11144	115
07/20/86	201-14-29	SCT2F PDR-1	NORTH	4.57856	0.00000	4.58718	-0.43396	-0.22568	115
07/20/86	201-14-29	SCT2F PDR-1	WEST	-4.80997	0.00000	-4.83235	0.38905	-0.19852	115
07/21/86	202-14-45	SCT2B L-7D	DOWN	0.00000	0.42365	10.54346	0.40995	0.25090	113
07/21/86	202-14-45	SCT2B L-7D	NORTH	0.00000	0.80771	-27.24055	0.85398	-0.41547	113
07/21/86	202-14-45	SCT2B L-7D	WEST	0.00000	0.66703	22.16636	0.66489	0.29276	113
07/21/86	202-14-45	SCT2F PDR-1	DOWN	-10.62494	0.00000	-10.57994	-0.41457	-0.26145	113
07/21/86	202-14-45	SCT2F PDR-1	NORTH	-23.39260	0.00000	-23.28371	0.94893	-0.36150	113
07/21/86	202-14-45	SCT2F PDR-1	WEST	18.75778	0.00000	18.70871	-0.81330	-0.27582	113
07/21/86	202-22-07	SCT2B L-7D	DOWN	0.00000	-0.05759	1.20556	-0.05739	0.02615	107
07/21/86	202-22-07	SCT2B L-7D	NORTH	0.00000	-0.10664	-1.42413	0.10849	0.04214	107
07/21/86	202-22-07	SCT2B L-7D	WEST	0.00000	0.10230	1.35662	0.09795	-0.03985	107
07/21/86	202-22-07	SCT2F PDR-1	DOWN	0.66984	0.00000	0.66469	0.06114	0.02870	107
07/21/86	202-22-07	SCT2F PDR-1	NORTH	-2.03624	0.00000	-2.01205	-0.09419	-0.03917	107
07/21/86	202-22-07	SCT2F PDR-1	WEST	1.30726	0.00000	1.29812	-0.09930	0.03658	107

Table 3: Peak Amplitudes (Chronological Sort) Cont'd

Date	EQ No.	Station/Instr	Comp	<-- Uncorrected -->		<----- Corrected ----->		Distance from		Comments
				Accel. (cm/sec ²)	Velocity (cm/sec)	Accel. (cm/sec ²)	Velocity (cm/sec)	Disp. (cm)	Epicenter (km)	
07/31/86	212-07-23	SCT2B L-7D	DOWN	0.00000	-0.25529	-5.75448	-0.25464	-0.04397	103	
07/31/86	212-07-23	SCT2B L-7D	NORTH	0.00000	-0.45280	-9.50976	-0.44765	0.04455	103	
07/31/86	212-07-23	SCT2B L-7D	WEST	0.00000	-0.55548	-10.77442	-0.55489	0.06742	103	
07/31/86	212-07-23	SCT2F PDR-1	DOWN	5.20773	0.00000	5.20429	0.23449	0.03429	103	
07/31/86	212-07-23	SCT2F PDR-1	NORTH	-7.84864	0.00000	-7.74967	-0.34189	-0.04284	103	
07/31/86	212-07-23	SCT2F PDR-1	WEST	-10.18223	0.00000	-10.18375	-0.48776	0.05798	103	
03/10/91	069-21-38	SCT2P PDAS-100	DOWN	-0.17546	0.00000	0.04239	0.00198	-0.00024	187	
03/10/91	069-21-38	SCT2P PDAS-100	NORTH	0.11658	0.00000	0.09392	0.00578	-0.00121	187	
03/10/91	069-21-38	SCT2P PDAS-100	WEST	0.07290	0.00000	0.05733	0.00358	-0.00148	187	
06/28/91	179-14-44	SCT2P PDAS-100	DOWN	-0.27046	0.00000	0.09259	0.02771	-0.02461	314	
06/28/91	179-14-44	SCT2P PDAS-100	NORTH	-0.27224	0.00000	-0.18351	0.03971	0.03256	314	
06/28/91	179-14-44	SCT2P PDAS-100	WEST	-0.15775	0.00000	0.12893	0.04396	0.02371	314	
08/21/91	224-11-50	SCT2P PDAS-100	DOWN	-0.16798	0.00000	-0.13550	0.00489	-0.00104	182	
08/21/91	224-11-50	SCT2P PDAS-100	NORTH	-0.24074	0.00000	-0.23661	0.01179	-0.00212	182	
08/21/91	224-11-50	SCT2P PDAS-100	WEST	-0.20953	0.00000	-0.20220	0.00967	-0.00285	182	
04/22/92	114-04-50	SCT2F PDR-1	DOWN	-0.69669	0.00000	-0.68656	-0.10061	-0.05764	355	Short Recd
04/22/92	114-04-50	SCT2F PDR-1	NORTH	-1.50031	0.00000	-1.49950	-0.21471	0.13787	355	Short Recd
04/22/92	114-04-50	SCT2F PDR-1	WEST	1.49206	0.00000	1.48873	0.32257	0.27088	355	Short Recd
04/22/92	114-04-50	SCT2P PDAS-100	DOWN	-0.68542	0.00000	-0.66691	0.10269	-0.06354	355	
04/22/92	114-04-50	SCT2P PDAS-100	NORTH	-1.49764	0.00000	-1.49787	-0.21831	0.14601	355	
04/22/92	114-04-50	SCT2P PDAS-100	WEST	1.46547	0.00000	1.45532	0.31426	0.26878	355	
06/28/92	180-15-05	SCT2F PDR-1	DOWN	-0.90198	0.00000	-0.80375	0.25276	0.13452	318	
06/28/92	180-15-05	SCT2F PDR-1	NORTH	1.41531	0.00000	1.41306	0.22486	0.17288	318	
06/28/92	180-15-05	SCT2F PDR-1	WEST	-1.60248	0.00000	-1.62953	0.29021	-0.22429	318	
07/05/92	187-06-54	SCT2F PDR-1	DOWN	1.21420	0.00000	1.11981	0.03372	0.00270	104	
07/05/92	187-06-54	SCT2F PDR-1	NORTH	1.59145	0.00000	1.57832	0.05732	-0.00440	104	
07/05/92	187-06-54	SCT2F PDR-1	WEST	1.51175	0.00000	1.46775	0.05178	-0.00387	104	
07/05/92	187-06-54	SCT2P PDAS-100	DOWN	1.08021	0.00000	1.08554	0.03188	0.00153	104	
07/05/92	187-06-54	SCT2P PDAS-100	NORTH	1.57822	0.00000	1.57589	0.05756	0.00397	104	
07/05/92	187-06-54	SCT2P PDAS-100	WEST	1.51101	0.00000	1.50582	0.05414	-0.00293	104	
09/13/92	257-11-46	SCT2P PDAS-100	DOWN	1.02081	0.00000	1.01808	-0.02476	-0.00127	99	
09/13/92	257-11-46	SCT2P PDAS-100	NORTH	1.25210	0.00000	1.24740	0.04171	-0.00279	99	
09/13/92	257-11-46	SCT2P PDAS-100	WEST	1.14665	0.00000	1.14164	-0.03689	-0.00252	99	
09/25/92	269-21-12	SCT2P PDAS-100	DOWN	0.20896	0.00000	0.17796	-0.00473	-0.00154	100	
09/25/92	269-21-12	SCT2P PDAS-100	NORTH	-0.24168	0.00000	-0.23290	-0.00764	-0.00202	100	
09/25/92	269-21-12	SCT2P PDAS-100	WEST	0.36941	0.00000	0.36697	0.01173	-0.00245	100	
09/25/92	269-21-16	SCT2P PDAS-100	DOWN	0.20843	0.00000	0.19681	-0.00465	0.00092	102	
09/25/92	269-21-16	SCT2P PDAS-100	NORTH	0.21489	0.00000	0.21307	-0.00568	-0.00214	102	
09/25/92	269-21-16	SCT2P PDAS-100	WEST	-0.16094	0.00000	-0.15919	0.00501	-0.00243	102	
05/17/93	137-23-20	SCT2P PDAS-100	DOWN	-27.61479	0.00000	-27.48141	1.29914	0.76203	41	
05/17/93	137-23-20	SCT2P PDAS-100	NORTH	-29.55199	0.00000	-29.43008	1.52541	-0.54674	41	
05/17/93	137-23-20	SCT2P PDAS-100	WEST	27.56935	0.00000	27.48563	1.98872	0.98276	41	

Table 4: Peak Amplitudes (Sorted by distance from Epicenter)

Date	EQ No.	Station/Instr	Comp	<-- Uncorrected -->		<----- Corrected ----->		Distance from Epicenter (km)	Comments
				Accel. (cm/sec ²)	Velocity (cm/sec)	Accel. (cm/sec ²)	Velocity (cm/sec)		
03/06/86	065-20-17	SCT2B L-7D	DOWN	0.00000	-0.26723	-6.64534	-0.26495	0.01389	16
03/06/86	065-20-17	SCT2B L-7D	NORTH	0.00000	0.35466	-9.25464	0.35646	-0.02196	16
03/06/86	065-20-17	SCT2B L-7D	WEST	0.00000	0.53367	11.44241	0.53466	-0.02562	16
06/04/86	155-15-07	SCT2B L-7D	DOWN	0.00000	-0.13143	5.27044	-0.12921	-0.00528	35
06/04/86	155-15-07	SCT2B L-7D	NORTH	0.00000	-0.17591	-5.85337	-0.17386	0.00756	35
06/04/86	155-15-07	SCT2B L-7D	WEST	0.00000	0.12756	-5.49741	0.12778	-0.00492	35
06/04/86	155-15-07	SCT2F PDR-1	DOWN	5.19465	0.00000	5.17892	-0.12333	-0.00348	35
06/04/86	155-15-07	SCT2F PDR-1	NORTH	-4.64900	0.00000	-4.64769	-0.14285	0.00579	35
06/04/86	155-15-07	SCT2F PDR-1	WEST	-4.80859	0.00000	-4.80323	0.11714	-0.00479	35
05/17/93	137-23-20	SCT2P PDAS-100	DOWN	-27.61479	0.00000	-27.48141	1.29914	0.76203	41
05/17/93	137-23-20	SCT2P PDAS-100	NORTH	-29.55199	0.00000	-29.43008	1.52541	-0.54674	41
05/17/93	137-23-20	SCT2P PDAS-100	WEST	27.56935	0.00000	27.48563	1.98872	0.98276	41
09/13/92	257-11-46	SCT2P PDAS-100	DOWN	1.02081	0.00000	1.01808	-0.02476	-0.00127	99
09/13/92	257-11-46	SCT2P PDAS-100	NORTH	1.25210	0.00000	1.24740	0.04171	-0.00279	99
09/13/92	257-11-46	SCT2P PDAS-100	WEST	1.14665	0.00000	1.14164	-0.03689	-0.00252	99
09/25/92	269-21-12	SCT2P PDAS-100	DOWN	0.20896	0.00000	0.17796	-0.00473	-0.00154	100
09/25/92	269-21-12	SCT2P PDAS-100	NORTH	-0.24168	0.00000	-0.23290	-0.00764	-0.00202	100
09/25/92	269-21-12	SCT2P PDAS-100	WEST	0.36941	0.00000	0.36697	0.01173	-0.00245	100
09/25/92	269-21-16	SCT2P PDAS-100	DOWN	0.20843	0.00000	0.19681	-0.00465	0.00092	102
09/25/92	269-21-16	SCT2P PDAS-100	NORTH	0.21489	0.00000	0.21307	-0.00568	-0.00214	102
09/25/92	269-21-16	SCT2P PDAS-100	WEST	-0.16094	0.00000	-0.15919	0.00501	-0.00243	102
07/31/86	212-07-23	SCT2B L-7D	DOWN	0.00000	-0.25529	-5.75448	-0.25464	-0.04397	103
07/31/86	212-07-23	SCT2B L-7D	NORTH	0.00000	-0.45280	-9.50976	-0.44765	0.04455	103
07/31/86	212-07-23	SCT2B L-7D	WEST	0.00000	-0.55548	-10.77442	-0.55489	0.06742	103
07/31/86	212-07-23	SCT2F PDR-1	DOWN	5.20773	0.00000	5.20429	0.23449	0.03429	103
07/31/86	212-07-23	SCT2F PDR-1	NORTH	-7.84864	0.00000	-7.74967	-0.34189	-0.04284	103
07/31/86	212-07-23	SCT2F PDR-1	WEST	-10.18223	0.00000	-10.18375	-0.48776	0.05798	103
07/05/92	187-06-54	SCT2F PDR-1	DOWN	1.21420	0.00000	1.11981	0.03372	0.00270	104
07/05/92	187-06-54	SCT2F PDR-1	NORTH	1.59145	0.00000	1.57832	0.05732	-0.00440	104
07/05/92	187-06-54	SCT2F PDR-1	WEST	1.51175	0.00000	1.46775	0.05178	-0.00387	104
07/05/92	187-06-54	SCT2P PDAS-100	DOWN	1.08021	0.00000	1.08554	0.03188	0.00153	104
07/05/92	187-06-54	SCT2P PDAS-100	NORTH	1.57822	0.00000	1.57589	0.05756	0.00397	104
07/05/92	187-06-54	SCT2P PDAS-100	WEST	1.51101	0.00000	1.50582	0.05414	-0.00293	104
07/21/86	202-22-07	SCT2B L-7D	DOWN	0.00000	-0.05759	1.20556	-0.05739	0.02615	107
07/21/86	202-22-07	SCT2B L-7D	NORTH	0.00000	-0.10664	-1.42413	0.10849	0.04214	107
07/21/86	202-22-07	SCT2B L-7D	WEST	0.00000	0.10230	1.35662	0.09795	-0.03985	107
07/21/86	202-22-07	SCT2F PDR-1	DOWN	0.66984	0.00000	0.66469	0.06114	0.02870	107
07/21/86	202-22-07	SCT2F PDR-1	NORTH	-2.03624	0.00000	-2.01205	-0.09419	-0.03917	107
07/21/86	202-22-07	SCT2F PDR-1	WEST	1.30726	0.00000	1.29812	-0.09930	0.03658	107
07/21/86	202-14-45	SCT2B L-7D	DOWN	0.00000	0.42365	10.54346	0.40995	0.25090	113
07/21/86	202-14-45	SCT2B L-7D	NORTH	0.00000	0.80771	-27.24055	0.85398	-0.41547	113
07/21/86	202-14-45	SCT2B L-7D	WEST	0.00000	0.66703	22.16636	0.66489	0.29276	113
07/21/86	202-14-45	SCT2F PDR-1	DOWN	-10.62494	0.00000	-10.57994	-0.41457	-0.26145	113
07/21/86	202-14-45	SCT2F PDR-1	NORTH	-23.39260	0.00000	-23.28371	0.94893	-0.36150	113
07/21/86	202-14-45	SCT2F PDR-1	WEST	18.75778	0.00000	18.70871	-0.81330	-0.27582	113
07/20/86	201-14-29	SCT2B L-7D	DOWN	0.00000	-0.20269	-4.57502	-0.19948	-0.10415	115
07/20/86	201-14-29	SCT2B L-7D	NORTH	0.00000	0.51288	5.39006	0.48847	0.24553	115
07/20/86	201-14-29	SCT2B L-7D	WEST	0.00000	0.33454	-5.78028	0.31628	0.19199	115
07/20/86	201-14-29	SCT2F PDR-1	DOWN	-4.17417	0.00000	-4.18898	0.18546	0.11144	115
07/20/86	201-14-29	SCT2F PDR-1	NORTH	4.57856	0.00000	4.58718	-0.43396	-0.22568	115
07/20/86	201-14-29	SCT2F PDR-1	WEST	-4.80997	0.00000	-4.83235	0.38905	-0.19852	115

Table 4: Peak Amplitudes (Sorted by distances from Epicenters) Cont'd

Date	EQ No.	Station/Instr	Comp	<-- Uncorrected -->		<----- Corrected ----->		Distance from Epicenter (km)	Comments
				Accel. (cm/sec ²)	Velocity (cm/sec)	Accel. (cm/sec ²)	Velocity (cm/sec)		
10/01/82	274-01-35	SCT2B L-7D	DOWN	0.00000	-0.02351	-0.89767	-0.02370	0.00171	118
10/01/82	274-01-35	SCT2B L-7D	NORTH	0.00000	-0.03246	-0.82600	-0.03006	0.00732	118
10/01/82	274-01-35	SCT2B L-7D	WEST	0.00000	-0.05025	-1.11872	-0.04989	0.00403	118
11/23/84	328-18-40	SCT2B L-7D	DOWN	0.00000	0.13903	2.38637	0.12289	-0.05056	127
11/23/84	328-18-40	SCT2B L-7D	NORTH	0.00000	0.42616	-4.55996	0.39552	-0.19089	127
11/23/84	328-18-40	SCT2B L-7D	WEST	0.00000	0.23305	4.20557	0.23271	0.09448	127
07/03/83	184-19-10	SCT2B L-7D	DOWN	0.00000	0.04498	-1.22682	-0.04078	0.00634	145
07/03/83	184-19-10	SCT2B L-7D	NORTH	0.00000	-0.09433	-1.68944	-0.09088	-0.01609	145
07/03/83	184-19-10	SCT2B L-7D	WEST	0.00000	-0.08719	-1.46701	-0.08505	-0.00848	145
10/01/82	274-17-15	SCT2B L-7D	DOWN	0.00000	0.01120	0.35041	0.00921	-0.00186	147 Noisy Acc
10/01/82	274-17-15	SCT2B L-7D	NORTH	0.00000	0.01203	0.34583	-0.01135	0.00491	147 Noisy Acc
10/01/82	274-17-15	SCT2B L-7D	WEST	0.00000	0.01233	0.45676	0.01180	-0.00214	147 Noisy Acc
10/01/82	274-20-46	SCT2B L-7D	DOWN	0.00000	-0.00822	0.32201	-0.00691	0.00162	147 Noisy Acc
10/01/82	274-20-46	SCT2B L-7D	NORTH	0.00000	0.28298	-0.36323	0.05690	0.01427	147 Noisy Acc
10/01/82	274-20-46	SCT2B L-7D	WEST	0.00000	0.02558	0.43863	0.02158	-0.00627	147 Noisy Acc
10/01/82	274-14-29	SCT2B L-7D	DOWN	0.00000	-0.07593	0.58176	-0.07428	0.04176	149
10/01/82	274-14-29	SCT2B L-7D	NORTH	0.00000	-0.07972	-0.74242	-0.08068	0.04981	149
10/01/82	274-14-29	SCT2B L-7D	WEST	0.00000	0.19775	-1.08497	0.19836	-0.12660	149
10/01/82	274-22-11	SCT2B L-7D	DOWN	0.00000	-0.01373	0.37969	-0.01317	-0.00527	150
10/01/82	274-22-11	SCT2B L-7D	NORTH	0.00000	-0.01830	0.40838	-0.01636	0.01046	150
10/01/82	274-22-11	SCT2B L-7D	WEST	0.00000	0.02336	-0.72049	0.02360	-0.00555	150
01/07/83	007-01-39	SCT2B L-7D	DOWN	0.00000	-0.01375	0.49030	0.01331	0.00590	154
01/07/83	007-01-39	SCT2B L-7D	NORTH	0.00000	0.02930	0.69116	0.02779	-0.00561	154
01/07/83	007-01-39	SCT2B L-7D	WEST	0.00000	-0.03058	0.86046	0.02990	-0.00564	154
08/21/91	224-11-50	SCT2P PDAS-100	DOWN	-0.16798	0.00000	-0.13550	0.00489	-0.00104	182
08/21/91	224-11-50	SCT2P PDAS-100	NORTH	-0.24074	0.00000	-0.23661	0.01179	-0.00212	182
08/21/91	224-11-50	SCT2P PDAS-100	WEST	-0.20953	0.00000	-0.20220	0.00967	-0.00285	182
03/10/91	069-21-38	SCT2P PDAS-100	DOWN	-0.17546	0.00000	0.04239	0.00198	-0.00024	187
03/10/91	069-21-38	SCT2P PDAS-100	NORTH	0.11658	0.00000	0.09392	0.00578	-0.00121	187
03/10/91	069-21-38	SCT2P PDAS-100	WEST	0.07290	0.00000	0.05733	0.00358	-0.00148	187
06/28/91	179-14-44	SCT2P PDAS-100	DOWN	-0.27046	0.00000	0.09259	0.02771	-0.02461	314
06/28/91	179-14-44	SCT2P PDAS-100	NORTH	-0.27224	0.00000	-0.18351	0.03971	0.03256	314
06/28/91	179-14-44	SCT2P PDAS-100	WEST	-0.15775	0.00000	0.12893	0.04396	0.02371	314
06/28/92	180-15-05	SCT2F PDR-1	DOWN	-0.90198	0.00000	-0.80375	0.25276	0.13452	318
06/28/92	180-15-05	SCT2F PDR-1	NORTH	1.41531	0.00000	1.41306	0.22486	0.17288	318
06/28/92	180-15-05	SCT2F PDR-1	WEST	-1.60248	0.00000	-1.62953	0.29021	-0.22429	318
04/22/92	114-04-50	SCT2F PDR-1	DOWN	-0.69669	0.00000	-0.68656	-0.10061	-0.05764	355 Short Recd
04/22/92	114-04-50	SCT2F PDR-1	NORTH	-1.50031	0.00000	-1.49950	-0.21471	0.13787	355 Short Recd
04/22/92	114-04-50	SCT2F PDR-1	WEST	1.49206	0.00000	1.48873	0.32257	0.27088	355 Short Recd
04/22/92	114-04-50	SCT2P PDAS-100	DOWN	-0.68542	0.00000	-0.66691	0.10269	-0.06354	355
04/22/92	114-04-50	SCT2P PDAS-100	NORTH	-1.49764	0.00000	-1.49787	-0.21831	0.14601	355
04/22/92	114-04-50	SCT2P PDAS-100	WEST	1.46547	0.00000	1.45532	0.31426	0.26878	355

TABLE 5: DATA FORMAT

Each station contains 3 data channels and contains the following 4 files:

	Units
Vol 1 Uncorrected acceleration	1000/g
Vol 2 Corrected acceleration	cm*100/sec ²
Corrected velocity	cm*100/sec
Corrected displacement	cm*100
Vol 3 Pseudo Response Velocity	cm/sec
Vol 4 Fourier Amplitude Spectra	cm/sec

A typical station contains the following data:

<u>Vol Ch.</u>	<u>Line No.</u>	<u>No. of Lines</u>	<u>Format</u>	<u>Description</u>
1 1	1-13	13	a80	Header of alphanumeric data.
	14-20	7	16i5	Header of 100 integer parameters.
	21-27	7	8f10.3	Header of 50 real-value parameters.
	28-..	many	8f10.0	.. points of t(i),a(i) pairs of acc. data.
	...	1	a80	/& --- End of data for Channel 1.
2	(Repeat header, data and end-of-file mark for Channel 2)			
3	(Repeat header, data and end-of-file mark for Channel 3)			
2 1	1-25	25	a80	Header of alphanumeric data.
	26-32	7	16i5	Header of 100 integer parameters.
	33-45	13	8f10.3	Header of 100 real-value parameters.
	46	1	a80	Acceleration header information.
	47-..	many	8f10.0	... points of a(i) of dt= .005 second.
	..	1	a80	Velocity header information.
	..	many	8f10.0	... points of v(i) of dt= .005 second.
	..	1	a80	Displacement header information.
	..	many	8f10.0	... points of d(i) of dt= .005 second.
	..	1	a80	/& --- End of data for Channel 1
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		
3 1	1-30	30	a80	Header of alphanumeric data.
	31-37	7	16i5	Header of 100 integer parameters.
	38-50	13	8f10.3	Header of 100 real-value parameters.
	51	1	f10.3	Damping values (.05 pct of critical).
	52-64	13	8f10.3	49 periods at which PSRV are computed.
	65	1	a80	PSRV header information
	66-72	7	8e10.3	49 points of PSRV.
	..	1	a80	/& --- End of data for Channel 1
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		
4 1	1-30	30	a80	Header of alphanumeric data.
	31-37	7	16i5	Header of 100 integer parameters.
	38-50	13	8f10.3	Header of 100 real-value parameters.
	51	1	a80	Fourier amplitude header information.
	52-..	7	8e10.3	.. points of Fourier amplitude data.
	..	1	a80	/& --- End of data for Channel 1
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		
	2	(Repeat header, data and end-of-file mark for Channel 2)		
	3	(Repeat header, data and end-of-file mark for Channel 3)		

TABLE 6: READ / WRITE DATA ON 8MM ASCII FORMATTED TAPE

WRITE DATA ON ASCII FORMATTED 8MM TAPE

Below is an example to save files on 8MM ASCII formatted tape with record length=80, block size = 2000 using the VAX/VMS operating system utilities TWRITE:

```
$ INIT MUB0: SCT2EQ
$ MOUNT/NOASSIST/FOR/RECORD=80/BLOCK=2000 MUB0:
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-1.V1
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-1.V2
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-1.V3
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-1.V4
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-2.V1
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-2.V2
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-2.V3
$ TWRITE/ASCII/RECORD=80/BLOCK=2000/OUTPUT=MUB0: EQ82-2.V4

... etc.. (for all 25 earthquakes, each with v1,v2,v3 and v4 data)

$ EXIT
```

READ/RETRIEVE DATA FROM ASCII FORMATTED 8MM TAPE

Below is an example to read/retrieve files from an 8MM ASCII formatted tape with record length=80, block size = 2000 using the VAX/VMS operating system utilities TREAD:

```
$ MOUNT/NOASSIST/FOR/RECORD=80/BLOCK=2000 MUB0:
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-1.V1
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-1.V2
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-1.V3
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-1.V4
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-2.V1
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-2.V2
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-2.V3
$ TREAD/ASCII/RECORD=80/BLOCK=2000/INPUT=MUB0: EQ82-2.V4

... etc.. (for all 25 earthquakes, each with v1,v2,v3 and v4 data)

$ EXIT
```

10/01/82 EQ 274-01-35 SCT2B

EO 274-01-35 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EO 274-01-35 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 274-01-35 (1982) SCOTTY S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 274-01-35 (1982) SCOTTY S BASEMENT L-7D
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 274-01-35 (1982) SCOTTY S BASEMENT BASEMENT, VERT, UP+, LVL 1 L-7D
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 274-01-35 (1982) SCOTTY'S BASEMENT BASEMENT, E END, T, N+, LVL 1 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 274-01-35 (1982) SCOTT'S BASEMENT BASEMENT, E END, L, W+, LVL 1 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EVENT: EQ 274-01-35 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, T, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

PSEUDO RESPONSE VELOCITY, Sv (CM/SEC)

PERIOD (SEC)

PERIOD (SEC)

PERIOD (SEC)

10/01/82 EQ 274-14-29 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001B]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001B]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 1 3 5
Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 24 24 24
Data gain dBs : 12 12 12
Calibration start and end time : 9,14

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [-.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)
Option to perform FRQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event database directory (w/ device name) : \$DISK3:[motiondb]
Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 274-14-29 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EQ 274-14-29 (1982) SCOTTY'S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

EO 274-14-29 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 274-14-29 (1982) SCUTTY'S BASEMENT L-7D
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 274-14-29 (1982) SCOTTS BASIN BASIN, VERT, UP, 1.0
 CORRELATED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EQ 274-14-29 (1982) SCOTTY S BASEMENT BASEMENT,E END,I,N+,LVL 1 L-70
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 274-14-29 (1982) SCCTTY 5 BASEMENT BASEMENT,E END,L,W+,LVL 1 L-70
 CORRECTED TIME HISTORIES
 BFF1 BUTTERWORTH, ORDER=4, 0.1-33HZ

TIME (SEC)

EVENT: 10/24/49 STATION: SCOTTY'S BASEMENT
SYSTEM: 1740 DATA INCL: 5 PERCENT OF CRITICAM

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, T, N+, LVL 1

BASEMENT, J, HILL, W+, LVL 1

10/01/82 EQ 274-17-15 SCT2B

_LUB0:[SCT2EQ.1982.1001C]SCT2B.PRN:1

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : SDISK4:[SCT2EQ.1982.1001C]

Output file directory (include device name) : SDISK4:[SCT2EQ.1982.1001C]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B

Calibration file name (w/o extension) : SCT2BCD

Number of channels : 3

Channel numbers : 1 3 5

Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 24 24 24

Data gain dBs : 12 12 12

Calibration start and end time : 9,14

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997] : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1] : 0.1

Lowpass Filter cutoff frq [33] : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name) : SDISK5:[mot.ordc]

Event Number : SCT2EQ

End of Interactive Session.....Thank you.

_DBUG:[SCTEQ.1982.1001C]SCT2B.PRN:4

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : SDISK4:[SCTEQ.1982.1001C]

Output file directory (include device name) : SDISK4:[SCTEQ.1982.1001C]

Recorder Type: 1 = L-7 3 = DCS-30C

2 = FDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : Y

* DPF Processing Section *

Data file name (w/o extension)..... : SCT2B

Number of channels..... : 3

Channel numbers : 1 2 3

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff freq [0.1]..... : 0.1

Lowpass Filter cutoff freq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : Y

Channel 1: Enter No. of spikes removed .. : 1

Channel 1: Enter No. NFILTER freq segments :

Channel 2: Enter No. of spikes removed .. :

Channel 2: Enter No. NFILTER freq segments :

Channel 3: Enter No. of spikes removed .. :

Channel 3: Enter No. NFILTER freq segments :

Event database directory (w/ device name)... : SDISK3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 274-17-15 (1982) SCOTT'S BASEMENT L-70
UNCORRECTED VELOCITY TIME HISTORIES

EQ 274-17-15 (1982) SCOTTY S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

ACCELERATION (CM/SEC**2)

TIME (SEC)

EO 274-17-15 (1982) SCOTTY'S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 274-17-15 (1982) SCOTTY'S BASEMENT L-70
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
BPF(BUTTERWORTH, ORDER-4, 0.1-33HZ)

EO 274-17-15 (1982) SCOTTY'S BASEMENT BASEMENT, VERT, UP+, LVL 1 L-70

CORRECTED TIME HISTORIES

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

1 SPIKE REMOVED

TIME (SEC)

AMPLITUDE

EQ 274-17-15 (1982) SCOTTY'S BASEMENT BASEMENT,E END,T,N+,LVL 1 L-7D
 CORRECTED TIME HISTORIES
 BPT (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

E0 274-17-15 (1982) SCOTTY'S BASEMENT BASEMENT,E END,L,W+,LVL 1 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33Hz)

TIME (SEC)

AMPLITUDE

EVENT: E0 274-17-15 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, I, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

10/01/82 EQ 274-20-46 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001D]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001D]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B

Calibration file name (w/o extension)..... : SCT2BCD

Number of channels : 3

Channel numbers : 1 3 5

Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 24 24 24

Data gain dBs : 12 12 12

Calibration start and end time : 9,14

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FROSUB)

Option to perform FROSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk1:[motiondt]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

ECHOPRINT INTERACTIVE SESSION OF LP FILE GENERATOR
=====

LP processing command file generator. version 1.5 7/6/91

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001D]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001D]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1

4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : Y

* DP2 Processing Section *

Data file name (w/o extension)..... : SCT2B

Number of channels..... : 3

Channel numbers : 1 2 3

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : Y

Channel 1: Enter No. of spikes removed .. :

Channel 1: Enter No. NFILTER frq segments :

Channel 2: Enter No. of spikes removed .. : 4

Channel 2: Enter No. NFILTER frq segments :

Channel 3: Enter No. of spikes removed .. : 4

Channel 3: Enter No. NFILTER frq segments :

Event database directory (w/ device name).. : \$disk1:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EQ 274-20-46 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

TIME (SEC)

EO 274-20-46 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EO 274-20-46 (1982) SCOTTY S BASEMENT L-7D
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FREQUENCY (HZ)

EQ 274-20-46 (1982) SCOTT'S BASEMENT L-70
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION:
 SFT (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 274-20-46 (1982) SCOTTY'S BASEMENT BASEMENT, VERT, UP, LVL 1 L-7L
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 274-20-46 (1982) SCOTTY S BASEMENT BASEMENT, E END, J.N+.LVL 1 L-7E

CORRECTED TIME HISTORIES

BFFIBUTERNORTH, ORDER=4, 0.1-33HZ)

4 SPIRES REMOVED

AMPLITUDE

TIME (SEC)

EO 274-20-46 (1982) SCOTTY'S BASEMENT BASEMENT,E END,L,W+,LVL 1 L-7D

CORRECTED TIME HISTORIES

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

4 SPIKE REMOVED

EVENT: EQ 274-20-46 STATION: SCOTTY'S BASEMENT
SYSTEM: L-7D DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, T, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

10/01/82 EQ 274-22-11 SCT2B

_DVB0:[SCT2EQ.1982.1001E]SCT2E.PRN;2

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2E

Input file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001E]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1982.1001E]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 1 3 5
Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 24 24 24
Data gain dBs : 12 12 12
Calibration start and end time : 9,14

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)
Option to perform FRQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event database directory (w/ device name).. : \$disk3:[mctiondr;
Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 274-22-11 (1982) SCOTTY'S BASEMENT L-70
UNCORRECTED VELOCITY TIME HISTORIES

EO 274-22-11 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

TIME (SEC)

EO 274-22-11 (1982) SCOTTY'S BASEMENT L-7D
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 274-22-11 (1982) SCOTTY'S BASEMENT L-7D
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 274-22-11 (1982) SCOTTY S BASEMENT BASEMENT, VERT. UP+, LVL 1 L-7D

CORRECTED TIME HISTORIES

BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 274-22-11 (1982) SCOTTY'S BASEMENT BASEMENT, E. END, I, N+ LVL 1 L-7P
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

AMPLITUDE

EQ 274-22-11 (1982) SCOTTY'S BASEMENT BASEMENT, E. END, L.W+LVL 1 L-71
 CORRECTED TIME HISTORIES
 BPT (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 274-22-11 STATION: SCOTTY S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, I, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

PSEUDO RESPONSE VELOCITY, SV (CM/SEC)

PERIOD (SEC)

PERIOD (SEC)

PERIOD (SEC)

01/07/83 EQ 007-01-39 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR

DF processing command file generator. version 1.5 7/6/91

Name for command file : SCT2B

Input file directory (include device name) : SDISK4:[SCT2EQ.1983.0107]
Output file directory (include device name) : SDISK4:[SCT2EQ.1983.0107]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 1 3 5
Data start and end time (all data [0,C]) : 0,0

Calibration dBs : 24 24 24
Data gain dBs : 12 12 12
Calibration start and end time : 25,30

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0,1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event database directory (w/ device name) : SLSR3:[macroedit]
Event Number..... : SCT2B

End of Interactive Session.....Thank you.

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2B.1983.0107]
Output file directory (include device name) : \$DISK4:[SCT2B.1983.0107]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : Y

* DP2 Processing Section *

Data file name (w/o extension)..... : SCT2B
Number of channels..... : 3
Channel numbers : 1 2 3
Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : Y
Channel 1: Enter No. of spikes removed .. : 6
Channel 1: Enter No. NFILTER frq segments : 1
Freq Segment No. 1 (max 11 char) : 8.575-8.70HZ
Channel 2: Enter No. of spikes removed .. : 12
Channel 2: Enter No. NFILTER frq segments : 1
Freq Segment No. 1 (max 11 char) : 8.575-8.70HZ
Channel 3: Enter No. of spikes removed .. : 12
Channel 3: Enter No. NFILTER frq segments : 1
Freq Segment No. 1 (max 11 char) : 8.575-8.70HZ
Event database directory (w/ device name).. : \$disk3:[motiondb]
Ever-- Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 007-01-39 (1983) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EO 007-01-39 (1983) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

TIME (SEC)

EQ 007-01-39 (1983) SCOTTY'S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 007-01-39 (1983) SCOTTY'S BASEMENT L-7D
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

EO 007-01-39 (1983) SCOTTY'S BASEMENT BASEMENT, VERT, UP+, LVL 1 L-70

CORRECTED TIME HISTORIES

BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

6 SPIKES REMOVED; NOTCH FILTER (8.575-8.70HZ)

AMPLITUDE

TIME (SEC)

EO 007-01-39 (1983) SCOTTY S BASEMENT BASEMENT, E END, T.N+, LVL 1 L-7[1]
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)
 12 SPKES REMOVED: NOTCH FILTER (8.575-8.70HZ)

AMPLITUDE

EO 007-01-39 (1983) SCOTTY S BASEMENT BASEMENT, E END, L, W+, LVL 1 L-70

CORRECTED TIME HISTORIES

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

12 SPIKES REMOVED; NOTCH FILTER (8.575-8.70HZ)

EVENT: EQ 007-01-39 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, T, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

PSEUDO RESPONSE VELOCITY, Sv (CM/SEC)

07/03/83 EQ 184-19-10 SCT2B

EO 184-19-10 (1983) SCOTTY S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EO 184-19-10 (1983) SCOTTY S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

EO 184-19-10 (1983) SCOTTY S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 184-19-10 (1983) SCOTTY'S BASEMENT L-70
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
8FF16UTTERWORTH, ORDER-4, 0.1-33HZ

EQ 184-19-10 (1983) SCOTTY'S BASEMENT BASEMENT, VERT, UP+, LVL 1 L-7D
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 184-19-10 (1983) SCOTTY'S BASEMENT BASEMENT,E END,T,N+,LVL 1 L-7D

CORRECTED TIME HISTORIES

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 184-19-10 (1983) SCOTTY'S BASEMENT BASEMENT,E END,L,W+,LVL 1 L-70
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: E0 184-19-10 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 1

BASEMENT, E END, T, N+, LVL 1

BASEMENT, E END, L, W+, LVL 1

PSEUDO RESPONSE VELOCITY, SV (CM/SEC)

11/23/84 EQ 328-18-40 SCT2B

EO 328-18-40 (1984) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

TIME (SEC)

EO 328-18-40 (1984) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EO 328-18-40 (1984) SCOTTY S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 328-18-40 (1984) SCOTTY'S BASEMENT L-70
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 328-18-40 (1984) SCOTTY'S BASEMENT BASEMENT, VERT, UP+, LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 328-18-40 (1984) SCOTTY'S BASEMENT BASEMENT,E END,T,N+,LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EO 328-18-40 (1984) SCOTTY S BASEMENT BASEMENT,E END,L,W+,LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 328-18-40 STATION: SCOTTY'S BASEMENT
 SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

PSEUDO RESPONSE VELOCITY, 5% (CM/SEC)

PERIOD (SEC)

PERIOD (SEC)

PERIOD (SEC)

03/06/86 EQ 065-20-17 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0306]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0306]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DPl and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B

Calibration file name (w/o extension)..... : SCT2BCD

Number of channels : 3

Channel numbers : 2 4 6

Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 12 12 12

Data gain dBs : 0 0 0

Calibration start and end time : 12,17

Generate plots from DPl (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

Enc of Interactive Session.....Thank you.

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0306]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0306]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : Y

* DP2 Processing Section *

Data file name (w/o extension)..... : SCT2B

Number of channels..... : 3

Channel numbers : 1 2 3

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)

Option to perform FRQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : Y

Channel 1: Enter No. of spikes removed .. : 20

Channel 1: Enter No. NFILTER frq segments :

Channel 2: Enter No. of spikes removed .. : 24

Channel 2: Enter No. NFILTER frq segments :

Channel 3: Enter No. of spikes removed .. : 24

Channel 3: Enter No. NFILTER frq segments :

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 065-20-17 (1986) SCOTTY S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

E0 065-20-17 (1986) SCOTTY'S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

EO 065-20-17 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EG 065-20-17 (1986) SCOTTY'S BASEMENT L-70
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 065-20-17 (1986) SCOTT'S BASEMENT BASEMENT, VERT, UP+.LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)
 20 SPIKES REMOVED

AMPLITUDE

EQ 065-20-17 (1966) SCOTTY'S BASEMENT BASEMENT, E END, T, N+, LVL 2 L-70

CORRECTED TIME HISTORIES

BFF (BUTTERWORTH, ORDER=4, 0.1-33Hz)

24 SPIKES REMOVED

EO 065-20-17 (1986) SCOTTY'S BASEMENT BASEMENT,E END,L,W+,LVL 2 L-7D
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)
 24 SPIKES REMOVED

EVENT: EQ 065-20-17 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, F END, L, W+, LVL 2

06/04/86 EQ 155-15-07 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : SDISK4:[SCT2EQ.1986.0604]
Output file directory (include device name) : SDISK4:[SCT2EQ.1986.0604]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 2 4 6
Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 12 12 12
Data gain dBs : 0 0 0
Calibration start and end time : 20,26

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)
Option to perform FRQSUB ([Y]/N) : N

Highpass Filter cutoff frq [.0,1]..... : 0.1
Lowpass Filter cutoff frq [.33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event database directory (w/ device name).. : Sdisk3:[motiondb]
Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 155-15-07 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EO 155-15-07 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 155-15-07 (1986) SCOTTY'S BASEMENT L-70
 UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EQ 155-15-07 (1986) SCOTTY S BASEMENT L-7D
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 155-15-07 (1986) SCOTTY S BASEMENT BASEMENT, VERT, UP, LVL 2 L-70
CORRECTED TIME HISTORIES
BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 155-15-07 (1986) SCOTTY'S BASEMENT BASEMENT,E END,T,N+,LVL 2 L-7D
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 155-15-07 (1986) SCOTTY S BASEMENT BASEMENT,E END,L,W+,LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 155-15-07 STATION: SCOTTY S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

PSEUDO RESPONSE VELOCITY, Sx (CM/SEC)

06/04/86 EQ 155-15-07 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : SDISK4:[SCT2EQ.1986.0604]

Output file directory (include device name) : SDISK4:[SCT2EQ.1986.0604]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 2

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [-.003,.997]..... : .003,.997

Frequency Subtraction (FQSUB)

Option to perform FQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name) : SDISK3:[actiondb]

Event Number : SCT2EQ

End of Interactive Session.....Thank you.

EQ 155-15-07 (1986) SCOTT'S CASTLE BASEMENT #2 FOR-1
UNCORRECTED ACCELERATION TIME HISTORIES

TIME (SEC)

ACCELERATION (CM/SEC**2)

EQ 155-15-07 (1986) SCOTTYS CASTLE BASEMENT #2 PDF-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FREQUENCY (HZ)

EO 155-15-07 (1986) SCOTTYS CASTLE BASEMENT #2 PDR-1
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 155-15-07 (1986) SCOTT'S CASTLE BASEMENT #2 BSMT,VERT,DOWN+ FDF-1
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

EO 155-15-07 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,N-S,N+ FOR-1
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EO 155-15-07 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,E-W,W+ PDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

AMPLITUDE

EVENT: E0 155-15-07 STATION: SCOTTYS CASTLE BASEMENT #2
 SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

07/20/86 EQ 201-14-29 SCT2B

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR

DF Processing command file generator. version 1.5 7/6/92

Name for command file : SCT2E

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0720]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0720]

Recorder Type: 1 = L-7 3 = DCS-302
 2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 1

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2E
Calibration file name (w/o extension)..... : SCT2ECD
Number of channels : 3
Channel numbers : 2 4 6
Data start and end time (all data [0,0]) : 0,0

Calibration dBs : 10 12 12
Data gain dBs : 0 0 0
Calibration start and end time : 10,15

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FQSUB)

Option to perform FQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name) : \$disk3:[mctiondt]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 201-14-29 (1986) SCOTTY S BASEMENT L-70
UNCORRECTED VELOCITY TIME HISTORIES

EO 201-14-29 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 201-14-29 (1986) SCOTTY S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 201-14-29 (1986) SCOTTY S BASEMENT L-70
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF1 BUTTERWORTH, ORDER=4, 0.1-33HZ

FREQUENCY (HZ)

EQ 201-14-29 (1986) SCOTTY'S BASEMENT BASEMENT, VERT. UP+ (LVL 2) L-7D
 CORRECTED TIME HISTORIES
 BFT BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EQ 201-14-29 (1986) SCOTT'S BASEMENT BASEMENT, E. END, I.N. JUNE 2 1-70
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 201-14-29 (1986) SCOTTY'S BASEMENT BASEMENT, E. END, L.W., LVL 2, L-70
 CORRECTED TIME HISTORIES
 BPF: BUTTERWORTH, ORDER=4, 0.1-33HZ

TIME (SEC)

EVENT: EQ 201-14-29 STATION: SCOTTY'S BASEMENT
SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

07/20/86 EQ 201-14-29 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR =====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0720]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0720]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 2
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 201-14-29 (1986) SCOTT'S CASTLE BASEMENT #2 PDR-1
UNCORRECTED ACCELERATION TIME HISTORIES

EO 201-14-29 (1986) SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 201-14-29 (1986) SCOTTYS CASTLE BASEMENT #2 FOR-1
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF1BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 201-14-29 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT, VERT, DOWN+ POR-1
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 201-14-29 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,N-S,N+ FDR-1
 CORRECTED TIME HISTORIES
 BFF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 201-14-29 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,E-W,W+ PDR-1
 CORRECTED TIME HISTORIES
 BPT (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EVENT: EQ 201-14-29 STATION: SCOTTYS CASTLE BASEMENT #2
 SYSTEM: POR-1 DAMPING: 5 PERCENT OF CRITICAL

07/21/86 EQ 202-14-45 SCT2B

EO 202-14-45 (1986) SCOTTY'S BASEMENT L-70
UNCORRECTED VELOCITY TIME HISTORIES

VELOCITY (CM/SEC)

EO 202-14-45 (1966) SCOTTY'S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 202-14-45 (1966) SCOTTY'S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FREQUENCY (H2)

EU 202-14-45 (1986) SCOTTY 5 BASEMENT L-7D
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 202-14-45 (1986) SCOTTY S BASEMENT BASEMENT, VERT, UP+, LVL 2 L-7D
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 202-14-45 (1986) SCOTTY'S BASEMENT BASEMENT,E END,I,N+,LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 202-14-45 (1986) SCOTTY S BASEMENT BASEMENT,E END,L,W+,LVL 2 L-7D
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EVENT: E0 202-14-45 STATION: SCOTTY'S BASEMENT
 SYSTEM: L-70 DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, I, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

07/21/86 EQ 202-14-45 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721A]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721A]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 2

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)

Option to perform FRQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 202-14-45 (1966) SCOTTYS CASTLE BASEMENT #2 POR-1
UNCORRECTED ACCELERATION TIME HISTORIES

EO 202-14-45 (1986) SCOTTYS CASTLE BASEMENT #2 FOR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FREQUENCY (HZ)

EO 202-14-45 (1986) SCOTTYS CASTLE BASEMENT #2 PDR-1
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 202-14-45 (1986) SCOTT'S CASTLE BASEMENT #2 BSMT.VERT.DOWN+ PDF-1
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 202-14-45 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,N-S.I.+ P[R-1]
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EG 202-14-45 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,E-W.W+ POF-1
CORRECTED TIME HISTORIES
BFF(BUTTERNORTH, ORDER-4, 0.1-33HZ)

EVENT: EQ 202-14-45 STATION: SCOTTYS CASTLE BASEMENT #2
SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

07/21/86 EQ 202-22-07 SCT2B

30-OCT-1992 12:01

DUEQ:[SCT2EQ.1986.0721B]SCT2B.PRN;4

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.4 1/9/91

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721B]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721B]Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
5 = ADAPTRONICS
Enter Recorder type number (1,2,3,4 or 5).. : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N*****
* DP1 Processing Section *
*****Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 2 4 6
Data start and end time (all data [0,0]) : 0,0Calibration dBs : 12 12 12
Data gain dBs : 0 0 0
Calibration start and end time : 5,35

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : Y
Event Start and End time (all data [/]) .. : /
Pre-Event Noise Start and End time..... : 0,20
Generate plots from FREQSUB (Y/[N]) : NHighpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N*****
* DPF Processing Section *
*****Enter repairs information (Y/[N]) : N
Event database directory (w/ device name).. : \$DISK3:[ACTIONDE]
Event Number..... : SCT2EQ

_DUB0:[SCT2EQ.1986.0721B]SCT2B.PRN:1

End of Interactive Session....Thank you.

30-OCT-1992 12:01

Page :

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721B]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0721B]

Recorder Type: 1 = L 7 3 = DCS-302
2 = PLR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : Y

* DP2 Processing Section *

Data file name (w/o extension)..... : SCT2B
Number of channels..... : 3
Channel numbers : 1 2 3
Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : Y
Channel 1: Enter No. of spikes removed .. : 8
Channel 1: Enter No. NFILTER frq segments :
Channel 2: Enter No. of spikes removed .. : 12
Channel 2: Enter No. NFILTER frq segments : 0
Channel 3: Enter No. of spikes removed .. : 12
Channel 3: Enter No. NFILTER frq segments : 0
Event database directory (w/ device name).. : \$disk3:[motiondb]
Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 202-22-07 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED VELOCITY TIME HISTORIES

EO 202-22-07 (1986) SCOTTY'S BASEMENT L-70
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 202-22-07 (1986) SCOTTY'S BASEMENT L-70
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 202-22-07 (1986) SCOTTY'S BASEMENT L-70
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 202-22-07 (1986) SCOTTY S BASEMENT BASEMENT, VERT, UP+, LVL 2 L-7D

CORRECTED TIME HISTORIES

9FF16UTTERWORTH, ORDER-4, 0.1-33HZ)

8 SPIKES REMOVED

TIME SEC

EO 202-22-07 (1986) SCOTTY'S BASEMENT BASEMENT,E END,T,N+,LVL 2 L-7D
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)
12 SPIKES REMOVED

EO 202-22-07 (1986) SCOTTY'S BASEMENT BASEMENT,E END,L,W+,LVL 2 L-7D
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)
 12 SPIKES REMOVED

AMPLITUDE

EVENT: EQ 202-22-07 STATION: SCOTTY'S BASEMENT
SYSTEM: L-7D DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

07/21/86 EQ 202-22-07 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : SDISK4:[SCT2EQ.1986.0721B]

Output file directory (include device name) : SDISK4:[SCT2EQ.1986.0721B]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 2

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0.0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name) : SDISK3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EQ 202-22-02 (1986) SCOTTYS CASTLE BASEMENT #2 FUF-1
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 202-22-07 (1966) SCOTT'S CASTLE BASEMENT #2 FDR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FREQUENCY (HZ)

EO 202-22-07 (1986) SCOTTIS CASTLE BASEMENT #2 POR-1
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 202-22-07 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT, VERT, DOWN+ FOR-1
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 202-22-07 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,N-S,N+ FOR-1
 CORRECTED TIME HISTORIES
 BPF(BUTTERNORTH, ORDER=4, 0.1-33HZ)

EO 202-22-07 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,E-W,W+ PDR-1
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 202-22-07 STATION: SCOTTYS CASTLE BASEMENT #2
 SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

07/31/86 EQ 212-07-23 SCT2B

ECHO PRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2B

Input file directory (include device name) : SLDISK4:[SCT2EQ.1986.0731]
Output file directory (include device name) : SLDISK4:[SCT2EQ.1986.0731]Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
Enter Recorder type number (1,2,3,4,5 or 6) : 1
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N*****
* DP1 Processing Section *
*****Data file name (w/o extension) : SCT2B
Calibration file name (w/o extension)..... : SCT2BCD
Number of channels : 3
Channel numbers : 2 4 6
Data start and end time (all data [0,0]) : 0,0Calibration dBs : 12 12 12
Data gain dBs : 0 0 0
Calibration start and end time : 10,15

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : NHighpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N*****
* DPF Processing Section *
*****Enter repairs information (Y/[N]) : N
Event database directory (w/ device name).. : Sdisk3:[motiondb]
Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 212-07-23 (1986) SCOTTY S BASEMENT L-70
UNCORRECTED VELOCITY TIME HISTORIES

VELOCITY (CM/SEC)

TIME (SEC)

EO 212-07-23 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED ACCELERATION TIME HISTORIES

EO 212-07-23 (1986) SCOTTY'S BASEMENT L-7D
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 212-07-23 (1986) SCOTTY'S BASEMENT L-7D
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 212-07-23 (1986) SCOTTY'S BASEMENT BASEMENT, VERT, UP+, LVL 2 L-71
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 212-07-23 (1986) SCOTTY S BASEMENT BASEMENT, E END, I, N+, LVL 2 L-70
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-334HZ)

EVENT: EQ 212-07-23 STATION: SCOTTY'S BASEMENT
 SYSTEM: L-7D DAMPING: 5 PERCENT OF CRITICAL

BASEMENT, VERT, UP+, LVL 2

BASEMENT, E END, T, N+, LVL 2

BASEMENT, E END, L, W+, LVL 2

07/31/86 EQ 212-07-23 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR
=====

DF processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : \$DISK4:[SCT2EQ.1986.0731]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1986.0731]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 2

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 212-07-23 (1986) SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 212-07-23 (1986) SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 212-07-23 (1986) SCOTTYS CASTLE BASEMENT #2 FOR-1
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

BPF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 212-07-23 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT, VERT, DOWN+ PDR-1
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

E0 212-07-23 (1986) SCOTT'S CASTLE BASEMENT #2 BSMT,N-S,N+ POR-1
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 212-07-23 (1986) SCOTTYS CASTLE BASEMENT #2 BSMT,E-W,W+ POP-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

03/10/91 EQ 069-21-38 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

=====

DP processing command file generator. version 1.3 7/19/90

Name for command file : SCT2P

Input file directory (include device name) : \$DISK2:[DIGIT.EQ.03-10]

Output file directory (include device name) : \$DISK2:[DIGIT.EQ.03-10]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100Enter Recorder type number (1,2,3 or 4)..... : 4
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N*****
* DP1 Processing Section *
*****Data file name (w/o extension) : SCT2P
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N
Generate .AMP plot (Y/[N]) :*****
* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)

Option to perform FRQSUB (Y/[N]) : Y
Event Start and End time (all data [/]) .. : /
Pre-Event Noise Start and End time..... : 0,16
Generate plots from FRQSUB (Y/[N]) : NHighpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N*****
* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event Number..... : C3-10

Event database directory (w/ device name).. : \$DISK2:[DIGIT.EQ.PC]

End of Interactive Session.....Thank you.

EO 069-21-38 (1991) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 069-21-38 (1991) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 069-21-38 (1991) SCOTTYS CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 069-21-38 (1991) SCOTTYS CASTLE GROUND, V, DOWN+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 069-21-38 (1991) SCOTTYS CASTLE GROUND, N,N+ PDAS-100
 CORRECTED TIME HISTORIES
 BFF BUTTERTON, ORDER-4, 0.1-33HZ)

EQ 069-21-38 (1991) SCOTTYS CASTLE GROUND, W, W+ PORS-100
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 069-21-38 STATION: SCOTTYS CASTLE GROUND
 SYSTEM: PDAS- DAMPING: 5 PERCENT OF CRITICAL

06/28/91 EQ 179-14-44 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR

DF processing command file generator. version 1.3 7/19/90

Name for command file : SCT2P

Input file directory (include device name) : SDISK4:[SCT2EQ.1991.0628]

Output file directory (include device name) : SDISK4:[SCT2EQ.1991.0628]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3 or 4).... : 4

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0.0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N

Generate .AMP plot (Y/[N]) :

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : Y

Event Start and End time (all data [/]) .. : /

Pre-Event Noise Start and End time..... : 0.16

Generate plots from FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DPF (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event Number..... : CS-10

Event database directory (w/ device name) : SDISK:[DIGIT.EQ.PC]

End of Interactive Session.....Thank you.

EO 179-14-44 (1991) SCOTT'S CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 179-14-44 (1991) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EQ 179-14-44 (1991) SCOTTYS CASTLE GROUND PDAS-100
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 179-14-44 (1991) SCOTTYS CASTLE GROUND, V, DOWN+ PDAS-100
 CORRECTED TIME HISTORIES
 BPT (BUTTERNORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EO 179-14-14 (1991) SCOTTYS CASTLE GROUND,N,N+ PDRS-100
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 179-14-44 (1991) SCOTTYS CASTLE GROUND, W, W+ PDA5-100
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 179-14-44 STATION: SCOTTYS CASTLE GROUND
 SYSTEM: PDAS- DAMPING: 5 PERCENT OF CRITICAL

08/12/91 EQ 224-11-50 SCT2P

ECHO PRINT INTERACTIVE SESSION OF DP FILE GENERATOR

=====

DP processing command file generator. version 1.3 7/19/90

Name for command file : SCT2P

Input file directory (include device name) : \$DISK4:[SCT2EQ.1991.0812]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1991.0812]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100Enter Recorder type number (1,2,3 or 4)..... : 4
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N*****
* DP1 Processing Section *
*****Data file name (w/o extension) : SCT2P
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N
Generate .AMP plot (Y/[N]) :*****
* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : Y

Event Start and End time (all data [/]) .. : /

Pre-Event Noise Start and End time..... : 0,16

Generate plots from FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event Number..... : CS-10

Event database directory (w/ device name) : \$DISK2:[DIGIT.EQ.FC]

End of Interactive Session.....Thank you.

EO 224-11-50 (1991) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EQ 224-11-50 (1991) SCOTTIS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 224-11-50 (1991) SCOTTYS CASTLE GROUND PDAS-100
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 224-11-50 (1991) SCOTTIS CASTLE GROUND, V.DOWN+ F0HS-100
 CORRECTED TIME HISTORIES
 BFF (BUTTERNORTH, ORDER-4, 0.1-33HZ)

EQ 224-11-50 (1991) SCOTT'S CASTLE GROUND .N.N+ FDS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 224-11-50 (1991) SCOTT'S CASTLE GROUND, W.W+ PCHS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

AMPLITUDE

TIME (SEC)

EVENT: EO 224-11-50 STATION: SCOTT'S CASTLE GROUND
SYSTEM: PDAS- DAMPING: 5 PERCENT OF CRITICAL

04/22/92 EQ 114-04-50 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR
=====

DF processing command file generator. version 1.4 1/9/91

Name for command file : SCT2F

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0422]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0422]

Recorder Type: 1 = 1-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

5 = ADAPTRONICS

Enter Recorder type number (1,2,3,4 or 5).. : 2

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/c extension) : SCT2F

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 114-04-50 SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED ACCELERATION TIME HISTORIES

E0 114-04-50 SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 114-04-50 SCOTTYS CASTLE BASEMENT #2 PDR-1
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 114-04-50 SCOTT'S CASTLE BASEMENT #2 BSMT,V,DOWN+ POR-1
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

SHORT RECORD

EO 114-04-50 SCOTTYS CASTLE BASEMENT #2 BSMT,N,N+ PDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

SHORT RECORD

EO 114-04-50 SCOTTYS CASTLE BASEMENT #2 BSMT,W,W+ FDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

SHORT RECORD

EVENT: E0 114-04-50 STATION: SCOTTYS CASTLE BASEMENT #2
 SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

04/22/92 EQ 114-04-50 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR

=====

DF processing command file generator. version 1.4 1/9/91

Name for command file : SCT2P

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0422]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0422]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

5 = ADAPTRONICS

Enter Recorder type number (1,2,3,4 or 5).. : 4

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)

Option to perform FRQSUB (Y/[N]) : Y

Event Start and End time (all data [/]) .. : /

Pre-Event Noise Start and End time..... : 0,18

Generate plots from FRQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 114-04-50 SCOTTY'S CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 114-04-50 SCOTT'S CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EG 114-04-50 SCOTT'S CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 114-04-50 SCOTT'S CASTLE GROUND, V. DOWN+ PUFFS-100
 CORRECTED TIME HISTORIES
 PFF (BUTTERWORTH, ORDER-4, 9.1-33HZ)

AMPLITUDE

TIME (SEC)

EQ 114-04-50 SCOTTIS CASTLE GROUND,N,N+ F0AS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-0.3HZ)

AMPLITUDE

TIME (SEC)

EQ 114-04-50 SCOTT'S CASTLE GROUND, W.W. PDAS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33Hz)

TIME (SEC)

EVENT: EQ 114-04-50 STATION: SCOTTYS CASTLE GROUND
 DAMPING: 5 PERCENT OF CRITICAL
 SYSTEM: PDAS-

06/28/92 EQ 180-15-05 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR
=====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0628]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0628]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4 or 5)..... : 2
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2F
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N
Generate .AMP plot (Y/[N]) :

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event Number..... : SCT2EQ
Event database directory (w/ device name).. : \$DISK3:[MOTIONDE]

End of Interactive Session.....Thank you.

EQ 180-15-05 (1992) SCOTTYS CASTLE BASEMENT #2 PDF-1
UNCORRECTED ACCELERATION TIME HISTORIES

EO 180-15-05 (1992) SCOTT'S CASTLE BASEMENT #2 POR-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 180-15-05 (1992) SCOTTYS CASTLE BASEMENT #2 PDR-1
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

E0 180-15-05 (1992) SCOTT'S CASTLE BASEMENT #2 BSMT,V,DOWN+ PDF-1
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 180-15-05 (1992) SCOTTYS CASTLE BASEMENT #2 BSMT,N,N+ PDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 180-15-05 (1992) SCOTTYS CASTLE BASEMENT #2 BSMT.W.W+ PCF-1
 CORRECTED TIME HISTORIES
 BFF (BUTTERNORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 180-15-05 STATION: SCOTTYS CASTLE BASEMENT #2
SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

07/05/92 EQ 187-06-54 SCT2F

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR
=====

DF processing command file generator. version 1.5 7/6/92

Name for command file : SCT2F

Input file directory (include device name) : SDISK4:[SCT2EQ.1992.0705]

Output file directory (include device name) : SDISK4:[SCT2EQ.1992.0705]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4 or 5)..... : 2
Skip DF1 and go directly to DF2/DPF (Y/[N]) : N

.....
* DP1 Processing Section *
.....

Data file name (w/o extension) : SCT2F
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DF1 (Y/[N]) : Y

Generate -ACC plot (Y/[N]) : N
Generate -AMP plot (Y/[N]) :

.....
* DP2 Processing Section *
.....

Taper Percentages [.003..997]..... : .003..997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate Plots from DF2 (Y/[N]) : N

.....
* DPF Processing Section *
.....

Enter repairs information (Y/[N]) : N
Event Number..... : SCT2EQ
Event database directory (w/ device name) : SDISK3:[MOTIONDE]

End of Interactive Session.....Thank you.

EQ 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 PDR-1
UNCORRECTED ACCELERATION TIME HISTORIES

EO 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 PDF-1
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 PDR-1
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

E0 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 BSMT,V,DOWN+ PDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 BSMT,N,N+ FDR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 187-06-54 (1992) SCOTTYS CASTLE BASEMENT #2 BSMT,W,W+ FOR-1
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: E0 187-06-54 STATION: SCOTIYS CASTLE BASEMENT #2
 SYSTEM: PDR-1 DAMPING: 5 PERCENT OF CRITICAL

07/05/92 EQ 187-06-54 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2P

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0705]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0705]

Recorder Type: 1 = 1-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4 or 5)..... : 4

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N

Generate .AMP plot (Y/[N]) :

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event Number..... : SCT2EQ

Event database directory (w/ device name).. : \$DISK3:[MOTIONDB]

End of Interactive Session.....Thank you.

EO 187-06-54 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 187-06-54 (1992) SCOTT'S CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 187-06-54 (1992) SCOTTYS CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER-4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 187-06-54 (1992) SCOTTYS CASTLE GROUND, V, DOWN+ F0HS-100
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 187-06-54 (1992) SCOTTYS CASTLE GROUND.N.N+ FDAS-100
 CORRECTED TIME HISTORIES
 EFF/BUTTERWORTH, ORDER=4, 0.1-33HZ

EG 187-06-54 (1992) SCOTT'S CASTLE GROUND W.W. F045-100
 CORRECTED TIME HISTORIES
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 187-06-54 STATION: SCOTTYS CASTLE GROUND
SYSTEM: PORS- DAMPING: 5 PERCENT OF CRITICAL

09/13/92 EQ 257-11-46 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DF FILE GENERATOR
=====

DF processing command file generator. version 1.5 7/6/92

Name for command file : SCT2P

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0913]

Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0913]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 4

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : N

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FRQSUB)

Option to perform FRQSUB (Y/[N]) : Y

Event Start and End time (all data [/]) .. : /

Pre-Event Noise Start and End time..... : 0,16

Generate plots from FRQSUB (Y/[N]) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : \$disk3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

E0 257-11-46 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 257-11-46 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EO 257-11-46 (1992) SCOTTYS CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO 257-11-46 (1992) SCOTTYS CASTLE GROUND V,DOWN+ PDHS-100
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 257-11-46 (1992) SCOTTYS CASTLE GROUND,N,N+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 257-11-46 (1992) SCOTTYS CASTLE GROUND, W, W+ PDAS-100
 CORRECTED TIME HISTORIES
 BFF(BUTTERNORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EVENT: EO 257-11-46 STATION: SCOTTYS CASTLE GROUND
SYSTEM: PDAS- DAMPING: 5 PERCENT OF CRITICAL

09/25/92 EQ 269-21-12 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2P

Input file directory (include device name) : \$DISK4:[SCT2EQ.1992.0925A]
Output file directory (include device name) : \$DISK4:[SCT2EQ.1992.0925A]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
5 = L7 TELEM

Enter Recorder type number (1,2,3,4 or 5)..... : 4
Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N
Generate .AMP plot (Y/[N]) :

* DP2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event Number..... : SCT2EQ
Event database directory (w/ device name).. : \$DISK3:[MOTIONDB]

End of Interactive Session.....Thank you.

EG 269-21-12 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNRECTIFIED ACCELERATION TIME HISTORIES

EO 269-21-12 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EQ 269-21-12 (1992) SCOTTYS CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 269-21-12 (1992) SCOTTYS CASTLE GROUND, V, DOWN+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EO 269-21-12 (1992) SCOTTYS CASTLE GROUND,N,N+ FDRS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EO 289-21-12 (1992) SCOTTYS CASTLE GROUND,W,W+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF(BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EVENT: 00 269-21-12 STATION: SCOTTYS CASTLE GROUND
SYSTEM: PDHS- DAMPING: 5 PERCENT OF CRITICAL

09/25/92 EQ 269-21-16 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2P

Input file directory (include device name) : SDISK4:[SCT2EQ.1992.0925B]

Output file directory (include device name) : SDISK4:[SCT2EQ.1992.0925B]

Recorder Type: 1 = L-7 3 = DCS-302

2 = PDR-1 4 = PDAS-100

Enter Recorder type number (1,2,3,4,5 or 6) : 4

Skip DP1 and go directly to DP2/DPF (Y/[N]) : N

* DF1 Processing Section *

Data file name (w/o extension) : SCT2P

Number of channels : 3

Channel numbers : 1 2 3

Data start and end time (all data [0,0]) : 0,76

Generate plots from DP1 (Y/[N]) : N

* DF2 Processing Section *

Taper Percentages [.003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)

Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : 0.1

Lowpass Filter cutoff frq [33]..... : 33

Generate plots from DP2 (Y/[N]) : N

* DFF Processing Section *

Enter repairs information (Y/[N]) : N

Event database directory (w/ device name).. : SDISK3:[motiondb]

Event Number..... : SCT2EQ

End of Interactive Session.....Thank you.

EO 269-21-16 (1992) SCOTT'S CASTLE GROUND PDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO 269-21-16 (1992) SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

EQ 269-21-16 (1992) SCOTTYS CASTLE GROUND PDAS-100
 CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
 BFF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EQ 289-21-16 (1992) SCOTT'S CASTLE GROUND, V, DOWN FDHS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EQ 269-21-16 (1992) SCOTTS CASTLE GROUND, N.N+ F04S-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

TIME (SEC)

EQ 269-21-16 (1992) SCOTT'S CASTLE GROUND, W.W. + PORS-100

CORRECTED TIME HISTORIES

BPF (BUTTERWORTH, ORDER=4, 0.1-33HZ)

EVENT: EQ 269-21-16 STATION: SCOTTYS CASTLE GROUND
 DAMPING: 5 PERCENT OF CRITICAL
 SYSTEM: PDAS-

05/17/93 EO 137-23-20 SCT2P

ECHOPRINT INTERACTIVE SESSION OF DP FILE GENERATOR =====

DP processing command file generator. version 1.5 7/6/92

Name for command file : SCT2P

Input file directory (include device name) : \$DISK1:[DIGIT.CAL.G]
Output file directory (include device name) : \$DISK1:[DIGIT.CAL.G]

Recorder Type: 1 = L-7 3 = DCS-302
2 = PDR-1 4 = PDAS-100
5 = L7 TELEM
Enter Recorder type number (1,2,3,4 or 5)..... : 4
Skip DEF and gc directly to DP2/DPF (Y/[N]) : N

* DP1 Processing Section *

Data file name (w/o extension) : SCT2P
Number of channels : 3
Channel numbers : 1 2 3
Data start and end time (all data [0,0]) : 0,0

Generate plots from DP1 (Y/[N]) : Y

Generate .ACC plot (Y/[N]) : N
Generate .AMP plot (Y/[N]) :

* DP2 Processing Section *

Taper Percentages [-003,.997]..... : .003,.997

Frequency Subtraction (FREQSUB)
Option to perform FREQSUB ([Y]/N) : N

Highpass Filter cutoff frq [0.1]..... : .05
Lowpass Filter cutoff frq [33]..... : 33
Generate plots from DP2 (Y/[N]) : N

* DPF Processing Section *

Enter repairs information (Y/[N]) : N
Event Number..... :
Event database directory (w/ device name).. : \$DISK1:[DIGIT.CAL.PC]

End of Interactive Session.....Thank you.

EO SCOTTYS CASTLE GROUND FDAS-100
UNCORRECTED ACCELERATION TIME HISTORIES

EO SCOTTYS CASTLE GROUND PDAS-100
UNCORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO SCOTTYS CASTLE GROUND PDAS-100
CORRECTED FOURIER AMPLITUDE SPECTRA OF ACCELERATION
BPF (BUTTERWORTH, ORDER=4, .05-33HZ)

FOURIER AMPLITUDE (CM/SEC)

FREQUENCY (HZ)

EO SCOTTYS CASTLE GROUND V,DOWN+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, .05-33HZ)

EQ SCOTT'S CASTLE GROUND,N,N+ PDAS-100
CORRECTED TIME HISTORIES
BPF (BUTTERWORTH, ORDER=4, .05-33HZ)

EO SCOTTYS CASTLE GROUND W,W+ PDAS-100
 CORRECTED TIME HISTORIES
 BPF (BUTTERWORTH, ORDER=4, .05-33HZ)

EVENT: E0
STATION: SCOTTYS CASTLE GROUND
SYSTEM: PDAS-
DAMPING: 5 PERCENT OF CRITICAL

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E. L. Rothfuss, Superintendent

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5/2/94

END