

Book

DEEPSONDE EXPEDITION

LEG 2

R/V Thomas Washington

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

San Diego, Calif. (9 February 1976)

to

San Diego, Calif. (9 March 1976)

Chief Scientist - LeRoy Dorman

Resident Marine Tech - Bob Wilson

Post-Cruise Processing by - S. M. Smith

U. Albright, G. Psaropoulos, R. Lingley

PREPARED BY

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

April 15, 1976

Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

Contents:

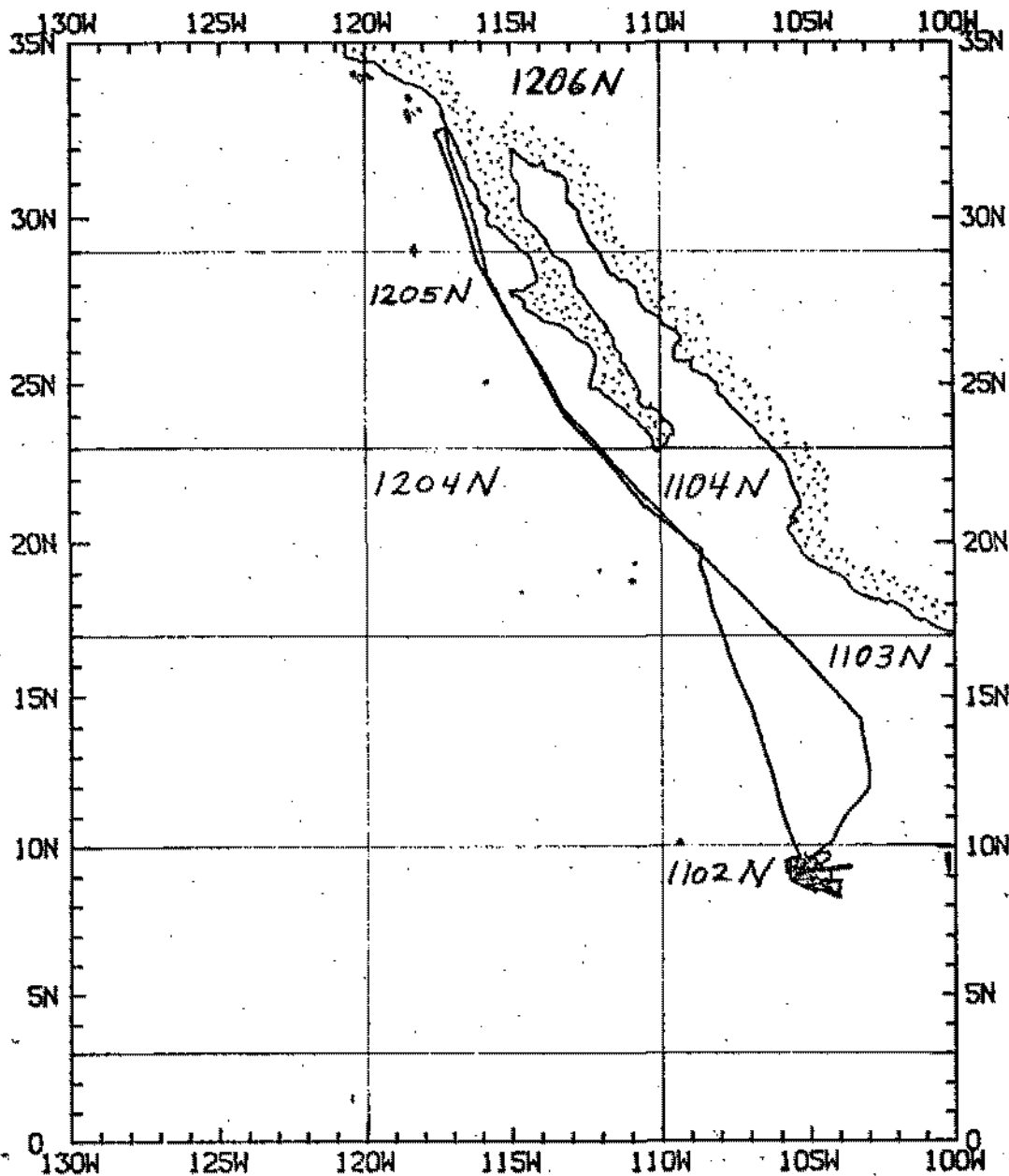
Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).

Track Charts - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.

Profiles - Depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a solid black line along the bottom of the profile.

For information on the availability and reproduction costs of data in the following forms, contact T. E. Chase, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093 Phone: (714) 452-2182

1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.
 2. Depth compilation plots - in fathoms (assumed sound velocity of 800 fm./sec.) at approximately 1 mile spacing, plotted at 4" degree with standard U.S. Navy Oceanographic Office BC series boundaries (see index chart).
 3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/degree; anomaly scale between 15°N and 15°S latitude = 500 gamma/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamma/inch) from values retrieved at approximately 1 mile spacing and regional field removed using the 1965 IGRF.
 4. Card Decks of navigation, depth and magnetics (for specific formats, contact S. M. Smith, Geological Data Center). Phone: (714) 452-2752
 5. S.I.O. Sample Index - list of beginning and end times and positions of all underway records as well as all other samples (geology, biology, physical oceanography, etc.) collected on the cruise leg.
 6. Microfilm or Xerox copies of:
 - a. Echosounder records - 12 and 3.5 kHz frequency
 - b. Subbottom profiler records (airgun)
 - c. Magnetometer records
 - d. Underway Data Log
-



DEEPSONDE EXPEDITION

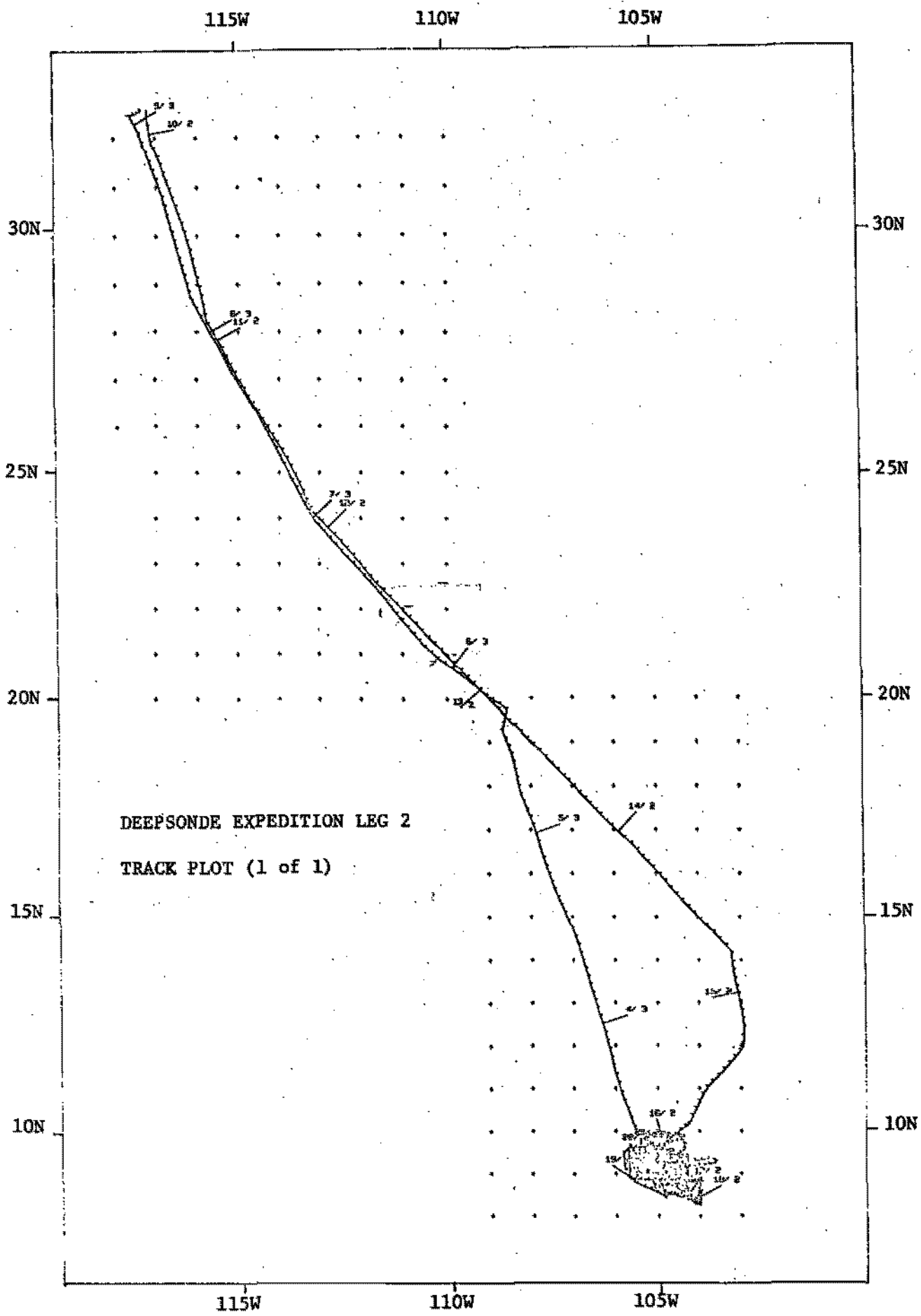
LEG 2

Chief Scientist - LeRoy Dorman

Ports: San Diego - San Diego (9 Feb. - 9 Mar. 1976)

TOTAL MILEAGE

- 1) Cruise - 5836 miles
- 2) Bathymetry - 5506 miles
- 3) Magnetics - 4586 miles
- 4) Seismic Reflection - 2365 miles



DEEPSONDE EXPEDITION LEG 2
TRACK PLOT (1 of 1)

DEEPSUNDE EXPEDITION LEG 2

PORTS

2027	9	276	LGPT B	SAN DIEGO	32	435N	117	145W	F	DPSN02WT
441	9	376	LGPT E	SAN DIEGO	32	435N	117	145W	F	DPSN02WT

PERSONNEL

0	0	0	0	PECS	DORMAN, L.	GRD	0	ON	0	0E	DPSN02WT
0	0	0	0	PERT	WILSON, R.	GTG	0	ON	0	0E	DPSN02WT
0	0	0	0	PEAT	BATTEY, R.	SGG	0	ON	0	0E	DPSN02WT
0	0	0	0	PEAT	MCKEE, J.	SGG	0	ON	0	0E	DPSN02WT
0	0	0	0	PEET	WILLOUGHBY, D.	IGP	0	ON	0	0E	DPSN02WT
0	0	0	0	PECT	ABBOTT, L.	SCG	0	ON	0	0E	DPSN02WT
0	0	0	0	PECT	BURKHALTER, A.	SCG	0	ON	0	0E	DPSN02WT
0	0	0	0	PECT	MOORE, M.	SCG	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	BIBEE, D.	SIO	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	JOHNSON, J.	DSX	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	GARMANY, J.	SIO	0	ON	0	0E	DPSN02WT
0	0	0	0	PE	LUIZ, G.	SIX	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	MCNUTT, M.	SIO	0	ON	0	0E	DPSN02WT
0	0	0	0	PE	MILLER, S.	SIX	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	ORCUTT, J.	SIO	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	ROSENDAHL, B.	SIO	0	ON	0	0E	DPSN02WT
0	0	0	0	PES	SPUDICH, P.	SIO	0	ON	0	0E	DPSN02WT

*** NOTE *** TIME ZONES AND MINUTES OF LATITUDE AND LONGITUDE ARE LISTED IN TENTHS (E.G. 10.6 IS LISTED AS 106)

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC LOC	CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
-------------	----------------	------------	-----------------	------	---------------	--------------	------	-------	--------------------

UNDERWAY DATA - CURATOR T.E. CHASE 2ND FLOOR AQUARIUM (EXT.2182)

*** NAVIGATION PLOTS ***

2200	9	276			NVCP B COMPUTER DR PLOT 01	GDC 32	272N	117 116W	S DPSNO2WT
600	12	276			NVCP E COMPUTER DR PLOT 01	GDC 22	536N	111 547W	S DPSNO2WT
602	12	276			NVCP B COMPUTER DR PLOT 02	GDC 22	533N	111 544W	S DPSNO2WT
1700	15	276			NVCP E COMPUTER DR PLOT 02	GDC 10	225N	104 97W	S DPSNO2WT
1705	15	276			NVCP B COMPUTER DR PLOT 03	GDC 10	217N	104 101W	S DPSNO2WT
730	3	376			NVCP E COMPUTER DR PLOT 03	GDC 9	116N	105 103W	S DPSNO2WT
925	27	276			NVCP B COMPUTER DR PLOT 04	GDC 9	98N	105 203W	S DPSNO2WT
300	29	276			NVCP E COMPUTER DR PLOT 04	GDC 9	80N	105 79W	S DPSNO2WT
730	3	376			NVCP B COMPUTER DR PLOT 05	GDC 9	116N	105 103W	S DPSNO2WT
245	4	376			NVCP E COMPUTER DR PLOT 05	GDC 13	21N	106 288W	S DPSNO2WT
249	4	376			NVCP B COMPUTER DR PLOT 06	GDC 13	28N	106 290W	S DPSNO2WT
1700	5	376			NVCP E COMPUTER DR PLOT 06	GDC 19	528N	108 472W	S DPSNO2WT
1730	5	376			NVCP B COMPUTER DR PLOT 07	GDC 19	564N	108 522W	S DPSNO2WT
1712	7	376			NVCP E COMPUTER DR PLOT 07	GDC 26	528N	114 582W	S DPSNO2WT
1712	7	376			NVCP B COMPUTER DR PLOT 08	GDC 26	528N	114 582W	S DPSNO2WT
530	9	376			NVCP E COMPUTER DR PLOT 08	GDC 32	435N	117 145W	F DPSNO2WT
2340	15	276			NVBP B BRIDGE PLOT 01	GDC 9	409N	104 542W	S DPSNO2WT
355	17	276			NVBP E BRIDGE PLOT 01	GDC 8	274N	104 524W	S DPSNO2WT
2355	16	276			NVBP B BRIDGE PLOT 02	GDC 8	256N	104 200W	S DPSNO2WT
1425	17	276			NVBP E BRIDGE PLOT 02	GDC 8	164N	104 62W	S DPSNO2WT
1518	17	276			NVBP B BRIDGE PLOT 03	GDC 8	161N	104 64W	S DPSNO2WT
345	18	276			NVBP E BRIDGE PLOT 03	GDC 8	225N	104 50W	S DPSNO2WT
247	18	276			NVBP B BRIDGE PLOT 04	GDC 8	158N	104 29W	S DPSNO2WT
651	19	276			NVBP E BRIDGE PLOT 04	GDC 9	29N	105 150W	S DPSNO2WT
651	19	276			NVBP B BRIDGE PLOT 05	GDC 9	29N	105 150W	S DPSNO2WT
1810	19	276			NVBP E BRIDGE PLOT 05	GDC 9	7N	105 27W	S DPSNO2WT
1750	19	276			NVBP B BRIDGE PLOT 06	GDC 9	31N	105 6W	S DPSNO2WT
1000	21	276			NVBP E BRIDGE PLOT 06	GDC 9	262N	105 43W	S DPSNO2WT
1422	21	276			NVBP B BRIDGE PLOT 07	GDC 9	82N	105 145W	S DPSNO2WT
2100	22	276			NVBP E BRIDGE PLOT 07	GDC 9	82N	105 11W	S DPSNO2WT
2100	22	276			NVBP B BRIDGE PLOT 08	GDC 9	82N	105 11W	S DPSNO2WT
1257	23	276			NVBP E BRIDGE PLOT 08	GDC 9	90N	105 130W	S DPSNO2WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1257	23	276		NVBP B	BRIDGE PLOT 09	GDC	9 90N	105 130W	S DPSN02WT
1946	23	276		NVBP E	BRIDGE PLOT 09	GDC	9 66N	105 13W	S DPSN02WT
128	24	276		NVBP B	BRIDGE PLOT 10	GDC	9 91N	105 9W	S DPSN02WT
1433	24	276		NVBP E	BRIDGE PLOT 10	GDC	8 494N	103 543W	S DPSN02WT
2054	24	276		NVBP B	BRIDGE PLOT 11	GDC	8 486N	104 274W	S DPSN02WT
2142	25	276		NVBP E	BRIDGE PLOT 11	GDC	8 226N	104 40W	S DPSN02WT
2032	25	276		NVBP B	BRIDGE PLOT 12	GDC	8 197N	104 48W	S DPSN02WT
1652	26	276		NVBP E	BRIDGE PLOT 12	GDC	9 54N	105 35W	S DPSN02WT
1500	26	276		NVBP B	BRIDGE PLOT 13	GDC	9 98N	105 64W	S DPSN02WT
1738	26	276		NVBP E	BRIDGE PLOT 13	GDC	9 87N	105 76W	S DPSN02WT
48	27	276		NVBP B	BRIDGE PLOT 14	GDC	9 113N	105 80W	S DPSN02WT
128	27	276		NVBP E	BRIDGE PLOT 14	GDC	9 118N	105 81W	S DPSN02WT
442	27	276		NVBP B	BRIDGE PLOT 15	GDC	9 130N	105 85W	S DPSN02WT
1230	27	276		NVBP E	BRIDGE PLOT 15	GDC	9 107N	105 159W	S DPSN02WT
1150	27	276		NVBP B	BRIDGE PLOT 16	GDC	9 102N	105 153W	S DPSN02WT
148	28	276		NVBP E	BRIDGE PLOT 16	GDC	9 93N	105 80W	S DPSN02WT
148	28	276		NVBP B	BRIDGE PLOT 17	GDC	9 93N	105 80W	S DPSN02WT
2125	28	276		NVBP E	BRIDGE PLOT 17	GDC	9 58N	105 239W	S DPSN02WT
2125	28	276		NVBP B	BRIDGE PLOT 18	GDC	9 58N	105 239W	S DPSN02WT
416	29	276		NVBP E	BRIDGE PLOT 18	GDC	9 65N	105 91W	S DPSN02WT
416	29	276		NVBP B	BRIDGE PLOT 19	GDC	9 65N	105 91W	S DPSN02WT
628	29	276		NVBP E	BRIDGE PLOT 19	GDC	9 90N	105 77W	S DPSN02WT
956	29	276		NVBP B	BRIDGE PLOT 20	GDC	9 101N	105 109W	S DPSN02WT
1715	29	276		NVBP E	BRIDGE PLOT 20	GDC	9 100N	105 53W	S DPSN02WT
2000	29	276		NVBP B	BRIDGE PLOT 21	GDC	9 99N	105 101W	S DPSN02WT
30	1	376		NVBP E	BRIDGE PLOT 21	GDC	9 31N	105 179W	S DPSN02WT
705	1	376		NVBP B	BRIDGE PLOT 22	GDC	9 135N	104 363W	S DPSN02WT
727	1	376		NVBP E	BRIDGE PLOT 22	GDC	9 123N	104 393W	S DPSN02WT
952	2	376		NVBP B	BRIDGE PLOT 23	GDC	9 191N	105 89W	S DPSN02WT
702	3	376		NVBP E	BRIDGE PLOT 23	GDC	9 90N	105 84W	S DPSN02WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LUC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
***FATHOGRAMS ***									
1620	10	276		DPRT B	GDR 12KHZ R-01	GDC 29	171N	116 30W	S DPSN02WT
1757	11	276		DPRT E	GDR 12KHZ R-01	GDC 24	477N	113 311W	S DPSN02WT
1804	11	276		DPRT B	GDR 12KHZ R-02	GDC 24	464N	113 304W	S DPSN02WT
512	13	276		DPRT E	GDR 12KHZ R-02	GDC 19	289N	108 317W	S DPSN02WT
1655	13	276		DPRT B	GDR 12KHZ R-03	GDC 17	526N	106 509W	S DPSN02WT
2116	14	276		DPRT E	GDR 12KHZ R-03	GDC 13	442N	103 111W	S DPSN02WT
2119	14	276		DPRT B	GDR 12KHZ R-04	GDC 13	436N	103 110W	S DPSN02WT
2045	17	276		DPRT E	GDR 12KHZ R-04	GDC 8	212N	103 598W	S DPSN02WT
2256	17	276		DPRT B	GDR 12KHZ R-05	GDC 8	174N	104 7W	S DPSN02WT
1630	20	276		DPRT E	GDR 12KHZ R-05	GDC 8	509N	104 598W	S DPSN02WT
1636	20	276		DPRT B	GDR 12KHZ R-06	GDC 8	509N	105 7W	S DPSN02WT
1720	23	276		DPRT E	GDR 12KHZ R-06	GDC 9	63N	105 63W	S DPSN02WT
1739	23	276		DPRT B	GDR 12KHZ R-07	GDC 9	63N	105 44W	S DPSN02WT
2100	27	276		DPRT E	GDR 12KHZ R-07	GDC 9	93N	105 71W	S DPSN02WT
431	28	276		DPRT B	GDR 12KHZ R-08	GDC 9	123N	104 592W	S DPSN02WT
1028	29	276		DPRT E	GDR 12KHZ R-08	GDC 9	100N	105 111W	S DPSN02WT
1550	29	276		DPRT B	GDR 12KHZ R-09	GDC 9	99N	105 85W	S DPSN02WT
321	4	376		DPRT E	GDR 12KHZ R-09	GDC 13	87N	106 307W	S DPSN02WT
328	4	376		DPRT B	GDR 12KHZ R-10	GDC 13	100N	106 311W	S DPSN02WT
1654	7	376		DPRT E	GDR 12KHZ R-10	GDC 26	500N	114 561W	S DPSN02WT
1725	10	276		DPR3 B	GDR 3.5KHZ R-01	GDC 29	47N	115 594W	S DPSN02WT
1926	11	276		DPR3 E	GDR 3.5KHZ R-01	GDC 24	312N	113 228W	S DPSN02WT
1833	11	276		DPR3 B	GDR 3.5KHZ R-02	GDC 24	410N	113 277W	S DPSN02WT
145	13	276		DPR3 E	GDR 3.5KHZ R-02	GDC 19	570N	108 592W	S DPSN02WT
150	13	276		DPR3 B	GDR 3.5KHZ R-03	GDC 19	562N	108 585W	S DPSN02WT
1232	14	276		DPR3 E	GDR 3.5KHZ R-03	GDC 15	95N	104 97W	S DPSN02WT
1445	14	276		DPR3 B	GDR 3.5KHZ R-04	GDC 14	502N	103 506W	S DPSN02WT
1825	14	276		DPR3 E	GDR 3.5KHZ R-04	GDC 14	166N	103 185W	S DPSN02WT
1834	14	276		DPR3 B	GDR 3.5KHZ R-05	GDC 14	153N	103 170W	S DPSN02WT
2322	15	276		DPR3 E	GDR 3.5KHZ R-05	GDC 9	426N	104 520W	S DPSN02WT
7	16	276		DPR3 B	GDR 3.5KHZ R-06	GDC 9	411N	104 517W	S DPSN02WT
1221	17	276		DPR3 E	GDR 3.5KHZ R-06	GDC 8	225N	104 54W	S DPSN02WT
1230	17	276		DPR3 B	GDR 3.5KHZ R-07	GDC 8	224N	104 55W	S DPSN02WT
1933	19	276		DPR3 E	GDR 3.5KHZ R-07	GDC 9	92N	105 107W	S DPSN02WT

15APR76

PAGE 5

TIME GMT	DATE D.M.Y.	TIME LUC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1939	19	276		DPR3 B	GDR 3.5KHZ R-08	GDC 9	99N	105 113W	S DPSNO2WT
1927	21	276		DPR3 E	GDR 3.5KHZ R-08	GDC 9	106N	105 121W	S DPSNO2WT
1930	21	276		DPR3 B	GDR 3.5KHZ R-09	GDC 9	106N	105 121W	S DPSNO2WT
516	23	276		DPR3 E	GDR 3.5KHZ R-09	GDC 9	137N	105 160W	S DPSNO2WT
520	23	276		DPR3 B	GDR 3.5KHZ R-10	GDC 9	135N	105 156W	S DPSNO2WT
2301	25	276		DPR3 E	GDR 3.5KHZ R-10	GDC 8	321N	104 22W	S DPSNO2WT
2307	25	276		DPR3 B	GDR 3.5KHZ R-11	GDC 8	325N	104 22W	S DPSNO2WT
313	4	376		DPR3 E	GDR 3.5KHZ R-11	GDC 13	72N	106 303W	S DPSNO2WT
320	4	376		DPR3 B	GDR 3.5KHZ R-12	GDC 13	85N	106 307W	S DPSNO2WT
324	6	376		DPR3 E	GDR 3.5KHZ R-12	GDC 21	49N	110 246W	S DPSNO2WT

GRAVIMETRIC RECORDS CURATOR L.M. DORMAN (EXT.2406)

2027	9	276		GVR B	GRAVITYMETER R-01	LMD 32	435N	117 145W	F DPSNO2WT
2055	12	276		GVR E	GRAVITYMETER R-01	LMD 20	401N	109 419W	S DPSNO2WT
2100	12	276		GVR B	GRAVITYMETER R-02	LMD 20	394N	109 412W	S DPSNO2WT
230	18	276		GVR E	GRAVITYMETER R-02	LMD 8	152N	103 593W	S DPSNO2WT
248	18	276		GVR B	GRAVITYMETER R-03	LMD 8	160N	104 29W	S DPSNO2WT
2359	20	276		GVR E	GRAVITYMETER R-03	LMD 9	215N	105 423W	S DPSNO2WT
0	21	276		GVR B	GRAVITYMETER R-04	LMD 9	216N	105 423W	S DPSNO2WT
440	23	276		GVR E	GRAVITYMETER R-04	LMD 9	149N	105 204W	S DPSNO2WT
445	23	276		GVR B	GRAVITYMETER R-05	LMD 9	148N	105 198W	S DPSNO2WT
100	29	276		GVR E	GRAVITYMETER R-05	LMD 9	84N	105 86W	S DPSNO2WT
115	29	276		GVR B	GRAVITYMETER R-06	LMD 9	91N	105 88W	S DPSNO2WT
221	5	376		GVR E	GRAVITYMETER R-06	LMD 17	220N	108 31W	S DPSNO2WT
225	5	376		GVR B	GRAVITYMETER R-07	LMD 17	227N	108 34W	S DPSNO2WT
1800	7	376		GVR E	GRAVITYMETER R-07	LMD 27	6N	115 36W	S DPSNO2WT
1805	7	376		GVR B	GRAVITYMETER R-08	LMD 27	14N	115 42W	S DPSNO2WT
440	9	376		GVR E	GRAVITYMETER R-08	LMD 32	435N	117 145W	F DPSNO2WT

MAGNETOMETER

1558	10	276		MGR B	MAGNETICS R-01	GDC 29	213N	116 42W	S DPSNO2WT
1500	22	276		MGR E	MAGNETICS R-01	GDC 9	335N	105 26W	S DPSNO2WT
1517	22	276		MGR B	MAGNETICS R-02	GDC 9	337N	105 5W	S DPSNO2WT
430	9	376		MGR E	MAGNETICS R-02	GDC 32	435N	117 145W	F DPSNO2WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
-------------	----------------	-------------	-----------	--------------	---------------	--------------	------	-------	--------------------

*** SEISMIC REFLECTION PROFILES ***

455	13	276		SPRF B	AIRGUN (RF) R-01	GDC 19	313N	108 342W	S DPSN02WT
441	9	376		SPRF E	AIRGUN (RF) R-01	GDC 32	435N	117 145W	F DPSN02WT
455	13	276		SPRS B	AIRGUN (RS) R-01	GDC 19	313N	108 342W	S DPSN02WT
313	21	276		SPRS E	AIRGUN (RS) R-01	GDC 9	370N	105 304W	S DPSN02WT

WIDE-ANGLE SEISMOLOGER CURATOR L.M. DORMAN (EXT.2406)

530	15	276		SPWA	SONOBUOY RUN 01	LMD 12	102N	102 567W	S DPSN02WT
702	19	276		SPWA	SONOBUOY RUN 02	LMD 9	41N	105 153W	S DPSN02WT
950	20	276		SPWA	SONOBUOY RUN 03	LMD 9	2N	105 256W	S DPSN02WT
1021	20	276		SPWA	SONOBUOY RUN 04	LMD 9	4N	105 213W	S DPSN02WT

*** SONOBUOY DRUP *** SEISMIC REFRACTION MONITORING

2144	22	276		SKUR	SONOBUOY RUN 05	LMD 9	94N	105 84W	S DPSN02WT
2146	22	276		SKUR	SONOBUOY RUN 06	LMD 9	94N	105 88W	S DPSN02WT
2148	22	276		SRUR	SONOBUOY RUN 07	LMD 9	95N	105 91W	S DPSN02WT
2150	22	276		SRUR	SONOBUOY RUN 08	LMD 9	96N	105 94W	S DPSN02WT
2152	22	276		SKUR	SONOBUOY RUN 09	LMD 9	96N	105 98W	S DPSN02WT
2154	22	276		SRUR	SONOBUOY RUN 10	LMD 9	97N	105 101W	S DPSN02WT
2156	22	276		SRUR	SONOBUOY RUN 11	LMD 9	97N	105 104W	S DPSN02WT
2158	22	276		SKUR	SONOBUOY RUN 12	LMD 9	98N	105 108W	S DPSN02WT
1011	24	276		SKUR B	SELECT I BUOY13	LMD 8	475N	104 212W	S DPSN02WT
1625	24	276		SKUR E	SELECT I BUOY13	LMD 8	497N	104 99W	S DPSN02WT
1023	24	276		SRUR	SONOBUOY RUN 14	LMD 8	476N	104 199W	S DPSN02WT
1031	24	276		SRUR	SONOBUOY RUN 15	LMD 8	476N	104 191W	S DPSN02WT
1048	24	276		SKUR B	SELECT I BUOY16	LMD 8	478N	104 172W	S DPSN02WT
1725	24	276		SRUR E	SELECT I BUOY16	LMD 8	497N	104 177W	S DPSN02WT
1056	24	276		SRUR	SONOBUOY RUN 17	LMD 8	478N	104 164W	S DPSN02WT
1104	24	276		SKUR	SONOBUOY RUN 18	LMD 8	479N	104 155W	S DPSN02WT
1112	24	276		SKUR	SONOBUOY RUN 19	LMD 8	480N	104 147W	S DPSN02WT
1123	24	276		SKUR B	SELECT I BUOY20	LMD 8	481N	104 135W	S DPSN02WT
1755	24	276		SRUR E	SELECT I BUOY20	LMD 8	499N	104 225W	S DPSN02WT
1135	24	276		SRUR	SONOBUOY RUN 21	LMD 8	482N	104 122W	S DPSN02WT
1147	24	276		SRUR	SONOBUOY RUN 22	LMD 8	483N	104 110W	S DPSN02WT
1157	24	276		SKUR	SONOBUOY RUN 23	LMD 8	484N	104 99W	S DPSN02WT
1210	24	276		SKUR	SONOBUOY RUN 24	LMD 8	485N	104 86W	S DPSN02WT
1222	24	276		SKUR X	SELECT I BUOY25	LMD 8	486N	104 73W	S DPSN02WT
1331	26	276		SKUR	SONOBUOY RUN 26	LMD 9	91N	105 94W	S DPSN02WT
210	1	376		SRUR	SONOBUOY RUN 27	LMD 9	107N	105 68W	S DPSN02WT
213	1	376		SKUR	SONOBUOY RUN 28	LMD 9	110N	105 65W	S DPSN02WT
216	1	376		SKUR	SONOBUOY RUN 29	LMD 9	112N	105 62W	S DPSN02WT
218	1	376		SKUR	SONOBUOY RUN 30	LMD 9	114N	105 60W	S DPSN02WT
220	1	376		SKUR	SONOBUOY RUN 31	LMD 9	116N	105 57W	S DPSN02WT

								28APR76		PAGE 7	
TIME	DATE	TIME	TZ	SAMP		DISP				CRUISE	
GMT	D.M.Y.	LIC	LUC	CODE	SAMPLE IDENT.	CODE	LAT.	LONG.		LEG-SHIP	
223	1	376		SRUR	SONOBUOY RUN 32	LMD	9 119N	105 54W	S	OPSN02WT	
225	1	376		SKUR	SONOBUOY RUN 33	LMD	9 121N	105 52W	S	DPSNO2WT	
228	1	376		SKUR	SONOBUOY RUN 34	LMD	9 124N	105 48W	S	OPSN02WT	
705	1	376		SKUR	SONOBUOY RUN 35	LMD	9 135N	104 363W	S	DPSNO2WT	
708	1	376		SKUR	SONOBUOY RUN 36	LMD	9 132N	104 366W	S	OPSN02WT	
710	1	376		SKUR	SONOBUOY RUN 37	LMD	9 131N	104 369W	S	OPSN02WT	
713	1	376		SKUR	SONOBUOY RUN 38	LMD	9 130N	104 373W	S	OPSN02WT	
715	1	376		SKUR	SONOBUOY RUN 39	LMD	9 129N	104 376W	S	DPSNO2WT	
718	1	376		SKUR	SONOBUOY RUN 40	LMD	9 127N	104 380W	S	OPSN02WT	
720	1	376		SKUR	SONOBUOY RUN 41	LMD	9 126N	104 383W	S	DPSNO2WT	
729	1	376		SKUR	SONOBUOY RUN 42	LMD	9 122N	104 396W	S	OPSN02WT	
1055	1	376		SKUR	SONOBUOY RUN 43	LMD	9 89N	105 101W	S	DPSNO2WT	
1058	1	376		SKUR	SONOBUOY RUN 44	LMD	9 89N	105 104W	S	OPSN02WT	
1100	1	376		SKUR	SONOBUOY RUN 45	LMD	9 89N	105 105W	S	DPSNO2WT	
1103	1	376		SRUR	SONOBUOY RUN 46	LMD	9 89N	105 107W	S	OPSN02WT	
1106	1	376		SKUR	SONOBUOY RUN 47	LMD	9 89N	105 110W	S	DPSNO2WT	
1107	1	376		SKUR	SONOBUOY RUN 48	LMD	9 89N	105 110W	S	OPSN02WT	
1110	1	376		SKUR	SONOBUOY RUN 49	LMD	9 89N	105 115W	S	DPSNO2WT	
1113	1	376		SRUR	SONOBUOY RUN 50	LMD	9 89N	105 119W	S	OPSN02WT	
1630	1	376		SKUR	SONOBUOY RUN 51	LMD	9 322N	105 237W	S	DPSNO2WT	
1633	1	376		SRUR	SONOBUOY RUN 52	LMD	9 318N	105 234W	S	OPSN02WT	
1635	1	376		SKUR	SONOBUOY RUN 53	LMD	9 315N	105 232W	S	DPSNO2WT	
1640	1	376		SKUR	SONOBUOY RUN 54	LMD	9 309N	105 227W	S	OPSN02WT	
1643	1	376		SKUR	SONOBUOY RUN 55	LMD	9 306N	105 224W	S	DPSNO2WT	
1645	1	376		SKUR	SONOBUOY RUN 56	LMD	9 303N	105 223W	S	OPSN02WT	
1648	1	376		SKUR	SONOBUOY RUN 57	LMD	9 300N	105 220W	S	DPSNO2WT	
1940	1	376		SRUR	SONOBUOY RUN 58	LMD	9 78N	105 69W	S	OPSN02WT	
1943	1	376		SKUR	SONOBUOY RUN 59	LMD	9 75N	105 67W	S	DPSNO2WT	
1946	1	376		SKUR	SONOBUOY RUN 60	LMD	9 72N	105 65W	S	OPSN02WT	
1948	1	376		SKUR	SONOBUOY RUN 61	LMD	9 70N	105 64W	S	DPSNO2WT	
1950	1	376		SKUR	SONOBUOY RUN 62	LMD	9 67N	105 62W	S	DPSNO2WT	
1953	1	376		SKUR	SONOBUOY RUN 63	LMD	9 64N	105 60W	S	DPSNO2WT	
1955	1	376		SRUR	SONOBUOY RUN 64	LMD	9 62N	105 59W	S	OPSN02WT	
1958	1	376		SKUR	SONOBUOY RUN 65	LMD	9 59N	105 56W	S	DPSNO2WT	
35	2	376		SKUR	SONOBUOY RUN 66	LMD	8 401N	105 66W	S	DPSNO2WT	
38	2	376		SKUR	SONOBUOY RUN 67	LMD	8 408N	105 66W	S	OPSN02WT	
40	2	376		SKUR	SONOBUOY RUN 68	LMD	8 411N	105 66W	S	OPSN02WT	
43	2	376		SKUR	SONOBUOY RUN 69	LMD	8 416N	105 66W	S	DPSNO2WT	
45	2	376		SRUR	SONOBUOY RUN 70	LMD	8 419N	105 67W	S	OPSN02WT	
48	2	376		SKUR	SONOBUOY RUN 71	LMD	8 423N	105 67W	S	DPSNO2WT	
50	2	376		SKUR	SONOBUOY RUN 72	LMD	8 427N	105 67W	S	OPSN02WT	
53	2	376		SKUR	SONOBUOY RUN 73	LMD	8 431N	105 68W	S	DPSNO2WT	
426	2	376		SRUR	B SELECT I BUOY74	LMD	9 162N	105 101W	S	OPSN02WT	
1930	2	376		SKUR	E SELECT I BUOY74	LMD	9 276N	105 314W	S	DPSNO2WT	
428	2	376		SKUR	B SELECT I BUOY75	LMD	9 164N	105 101W	S	OPSN02WT	
2029	2	376		SRUR	E SELECT I BUOY75	LMD	9 287N	105 337W	S	DPSNO2WT	
431	2	376		SKUR	H SELECT I BUOY76	LMD	9 168N	105 102W	S	OPSN02WT	
2121	2	376		SKUR	E SELECT I BUOY76	LMD	9 271N	105 328W	S	DPSNO2WT	
433	2	376		SKUR	B SELECT I BUOY77	LMD	9 171N	105 102W	S	OPSN02WT	
2158	2	376		SKUR	E SELECT I BUOY77	LMD	9 286N	105 336W	S	DPSNO2WT	
442	2	376		SKUR	SONOBUOY RUN 78	LMD	9 183N	105 104W	S	OPSN02WT	
445	2	376		SKUR	SONOBUOY RUN 79	LMD	9 187N	105 105W	S	DPSNO2WT	
448	2	376		SRUR	SONOBUOY RUN 80	LMD	9 190N	105 105W	S	OPSN02WT	
450	2	376		SKUR	SONOBUOY RUN 81	LMD	9 193N	105 105W	S	DPSNO2WT	

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
453	2	376		SKUR	SONOBUOY RUN 82	LMD	9 196N	105 106W	S DPSNO2WT
455	2	376		SKUR	SONOBUOY RUN 83	LMD	9 198N	105 106W	S DPSNO2WT
1318	5	376		SKUR	SONOBUOY RUN 84	LMD	19 216N	108 407W	S DPSNO2WT
1325	5	376		SKUR	SONOBUOY RUN 85	LMD	19 225N	108 405W	S DPSNO2WT
1333	5	376		SKUR	SONOBUOY RUN 86	LMD	19 236N	108 402W	S DPSNO2WT
1341	5	376		SKUR	SONOBUOY RUN 87	LMD	19 246N	108 400W	S DPSNO2WT
1349	5	376		SKUR	SONOBUOY RUN 88	LMD	19 257N	108 397W	S DPSNO2WT
1357	5	376		SKUR	SONOBUOY RUN 89	LMD	19 267N	108 395W	S DPSNO2WT
1406	5	376		SKUR	SONOBUOY RUN 90	LMD	19 281N	108 392W	S DPSNO2WT
1413	5	376		SKUR	SONOBUOY RUN 91	LMD	19 292N	108 389W	S DPSNO2WT

RUCK DREDGE

1559	21	276		DRR	B DREDGE 01	3192	GCR	9 84N	105 144W	S DPSNO2WT
1842	21	276		DRR	E DREDGE 01	3176	GCR	9 98N	105 125W	S DPSNO2WT
2255	21	276		DRR	B DREDGE 02	2648	GCR	9 84N	105 260W	S DPSNO2WT
137	22	276		DRR	E DREDGE 02	2653	GCR	9 82N	105 272W	S DPSNO2WT
934	23	276		DRR	B DREDGE 03	3265	GCR	9 77N	105 76W	S DPSNO2WT
1413	23	276		DRR	E DREDGE 03	3214	GCR	9 93N	105 141W	S DPSNO2WT
2052	23	276		DRR	B DREDGE 04	2872	GCR	9 70N	105 2W	S DPSNO2WT
2354	23	276		DRR	E DREDGE 04	3042	GCR	9 85N	105 9W	S DPSNO2WT
1613	27	276		DRR	B DREDGE 05	3101	GCR	9 126N	105 125W	S DPSNO2WT
1830	27	276		DRR	E DREDGE 05	3041	GCR	9 127N	105 116W	S DPSNO2WT

GRAVITY CORES

2027	26	276		CUG	GRAVITY 01	3171	GCR	9 105N	105 80W	S DPSNO2WT
224	27	276		CUG	GRAVITY 02	3082	GCR	9 125N	105 82W	S DPSNO2WT

*** OCEAN BOTTOM SEISMOGRAPH *** W.A. PROTHERO (EXT. 2875)

2140	16	276		SROB	B DENI	2878	IGP	8 198N	104 110W	S DPSNO2WT
437	29	276		SROB	E DENI	2878	IGP	9 71N	105 87W	S DPSNO2WT
1205	17	276		SROB	B INEZ	2906	IGP	8 226N	104 52W	S DPSNO2WT
712	25	276		SROB	E INEZ	2906	IGP	8 242N	104 64W	S DPSNO2WT
1425	17	276		SROB	B DOE	3107	IGP	8 164N	104 62W	S DPSNO2WT
1923	25	276		SROB	E DOE	3107	IGP	8 178N	104 59W	S DPSNO2WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2100	17	276		SR0B B	GWEN 3088	IGP	8 213N	103 597W	S DPSNO2WT
340	18	276		SR0B E	GWEN 3088	IGP	8 225N	104 48W	S DPSNO2WT
1830	26	276		SR0B B	GWEN 3154	IGP	9 96N	105 75W	S DPSNO2WT
238	3	376		SR0B E	GWEN 3154	IGP	9 99N	105 72W	S DPSNO2WT
650	27	276		SR0B B	INEZ 3285	IGP	9 96N	105 78W	S DPSNO2WT
501	3	376		SR0B E	INEZ 3285	IGP	9 91N	105 73W	S DPSNO2WT
130	28	276		SR0B B	DOE 3299	IGP	9 97N	105 75W	S DPSNO2WT
700	3	376		SR0B E	DOE 3299	IGP	9 90N	105 84W	S DPSNO2WT
600	29	276		SR0B B	DENI 3197	IGP	9 89N	105 77W	S DPSNO2WT
1705	2	376		SR0B E	DENI 3197	IGP	9 104N	105 134W	S DPSNO2WT

*** BATHY THERMOGRAPH *** CURATOR CAROL CONWAY (EXT. 2087)

0 10 276	BTX	NO. SAMPLES = 01	GTG 32 54N 117 80W	S DPSNO2WT
0 11 276	BTX	NO. SAMPLES = 02	GTG 27 501N 115 301W	S DPSNO2WT
0 12 276	BTX	NO. SAMPLES = 02	GTG 23 478N 112 477W	S DPSNO2WT
0 13 276	BTX	NO. SAMPLES = 02	GTG 20 129N 109 148W	S DPSNO2WT
0 15 276	BTX	NO. SAMPLES = 02	GTG 13 142N 103 49W	S DPSNO2WT
0 16 276	BTX	NO. SAMPLES = 02	GTG 9 409N 104 524W	S DPSNO2WT
0 17 276	BTX	NO. SAMPLES = 02	GTG 8 260N 104 206W	S DPSNO2WT
0 18 276	BTX	NO. SAMPLES = 01	GTG 8 252N 104 34W	S DPSNO2WT
0 19 276	BTX	NO. SAMPLES = 03	GTG 8 511N 105 343W	S DPSNO2WT
0 20 276	BTX	NO. SAMPLES = 02	GTG 9 144N 105 289W	S DPSNO2WT
0 21 276	BTX	NO. SAMPLES = 01	GTG 9 216N 105 423W	S DPSNO2WT
0 22 276	BTX	NO. SAMPLES = 01	GTG 9 82N 105 264W	S DPSNO2WT
0 23 276	BTX	NO. SAMPLES = 01	GTG 9 131N 105 303W	S DPSNO2WT
0 24 276	BTX	NO. SAMPLES = 01	GTG 9 85N 105 10W	S DPSNO2WT
0 25 276	BTX	NO. SAMPLES = 01	GTG 8 199N 104 101W	S DPSNO2WT
0 26 276	BTX	NO. SAMPLES = 02	GTG 8 387N 104 10W	S DPSNO2WT
0 27 276	BTX	NO. SAMPLES = 01	GTG 9 111N 105 83W	S DPSNO2WT
0 28 276	BTX	NO. SAMPLES = 02	GTG 9 117N 105 56W	S DPSNO2WT
0 29 276	BTX	NO. SAMPLES = 01	GTG 9 103N 105 81W	S DPSNO2WT
0 1 376	BTX	NO. SAMPLES = 01	GTG 9 85N 105 200W	S DPSNO2WT
0 2 376	BTX	NO. SAMPLES = 02	GTG 8 405N 104 600W	S DPSNO2WT
0 3 376	BTX	NO. SAMPLES = 02	GTG 9 170N 105 184W	S DPSNO2WT
0 4 376	BTX	NO. SAMPLES = 02	GTG 12 310N 106 189W	S DPSNO2WT
0 5 376	BTX	NO. SAMPLES = 02	GTG 16 560N 107 533W	S DPSNO2WT
0 6 376	BTX	NO. SAMPLES = 02	GTG 20 406N 109 526W	S DPSNO2WT