

PLEIADES EXPEDITION

LEG 2

R/V MELVILLE

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH AND MAGNETIC DATA

Balboa, Canal Zone (14 June 1976)

to

Balboa, Canal Zone (11 July 1976)

Chief Scientists - J. Corliss (OSU)

and R. Von Herzen (WHOI)

Resident Marine Tech - M. Hausman

Post-Cruise Processing by - S. Smith,

G. Psaropulos, R. Lingley

Prepared By

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

December 10, 1976

Informal 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 S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography La Jolla, California 92093 Phone: (714) 452-2752.

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).

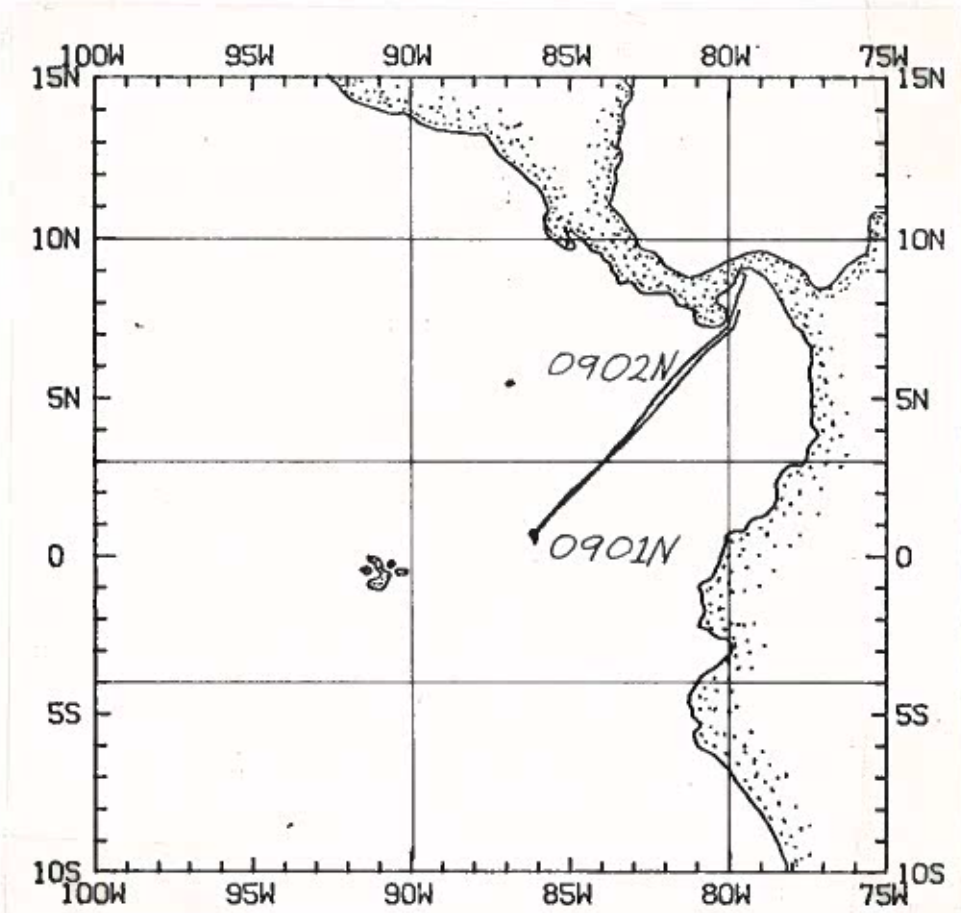
3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/degree; anomaly scale between 15°N and 15°S latitude = 500 gamma/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamma/inch) from values retrieved at approximately 1 mile spacing and regional field removed using the 1965 IGRF.

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
-



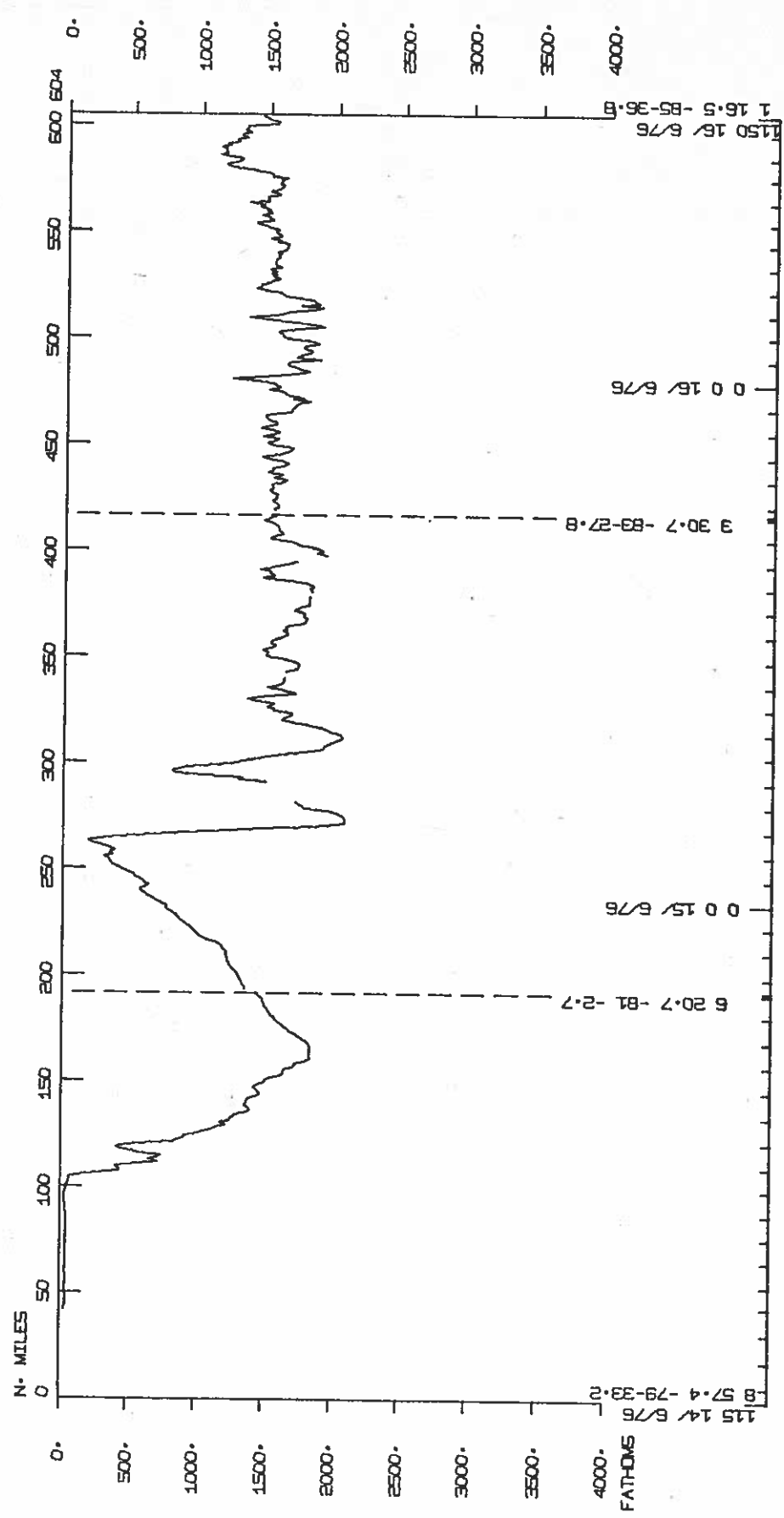
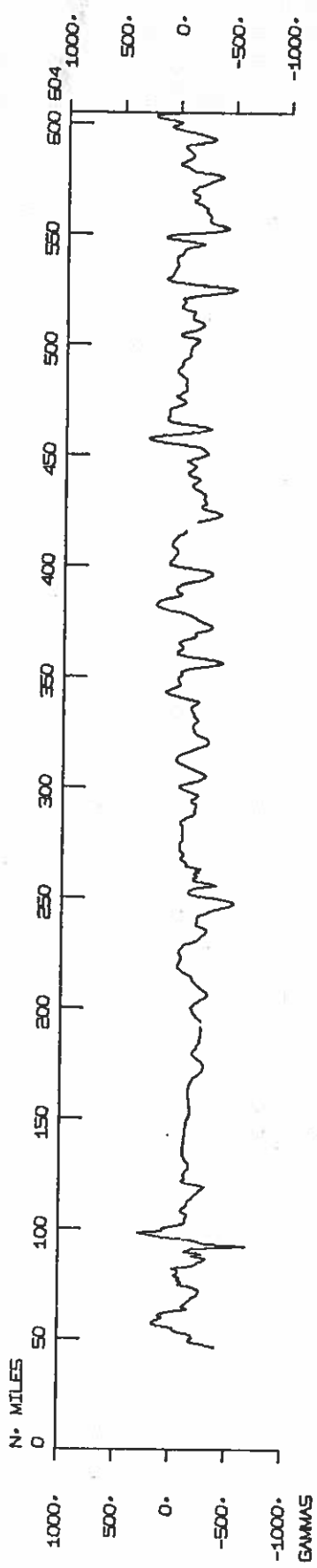
PLEIADES EXPEDITION
LEG 2

Co-Chief Scientists: Jack Corliss (OSU)
and Richard Von Herzen (WHOI)
Ports: Balboa - Balboa (14 June - 11 July 1976)

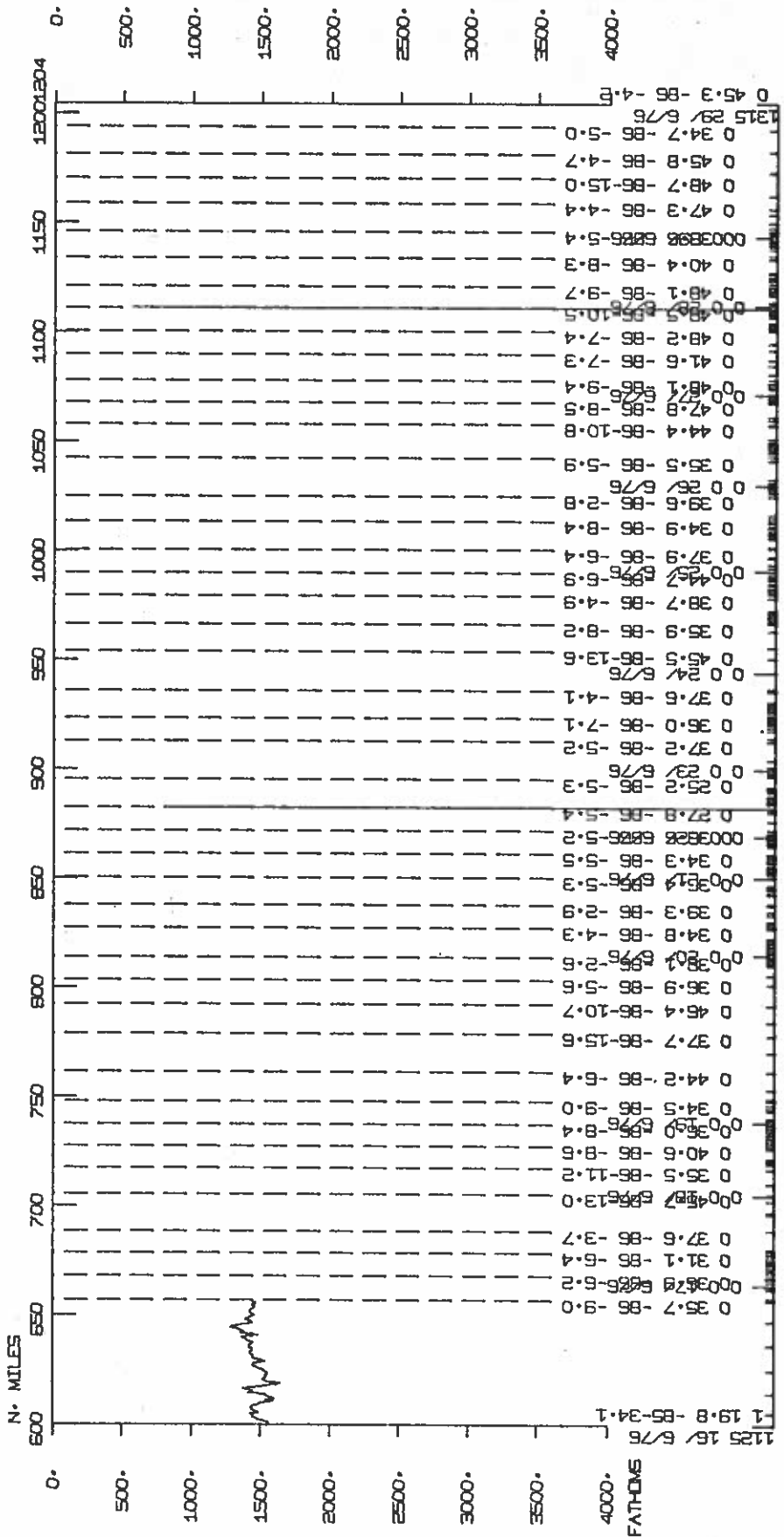
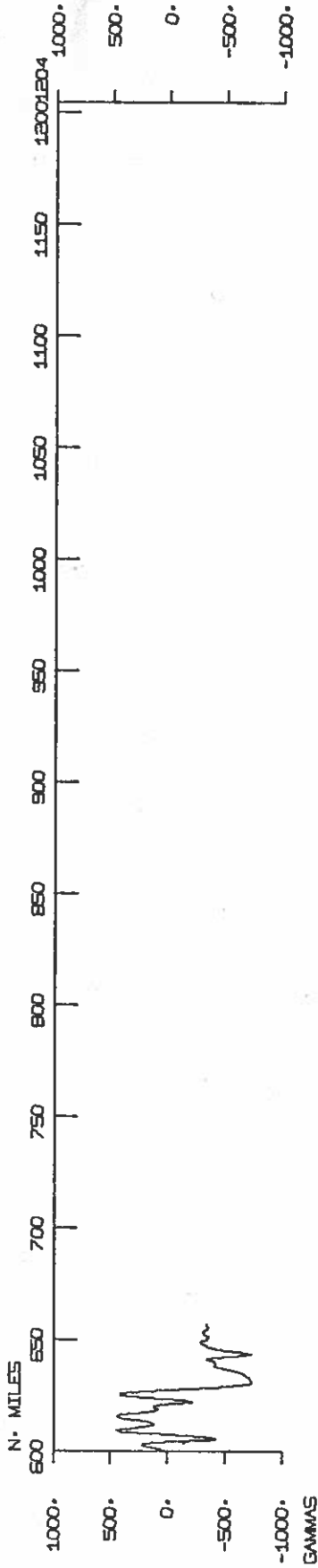
TOTAL MILEAGE

- 1) Cruise - 2164 miles
- 2) Bathymetry - 1139 miles
- 3) Magnetics - 1160 miles
- 4) Seismic Reflection - none collected

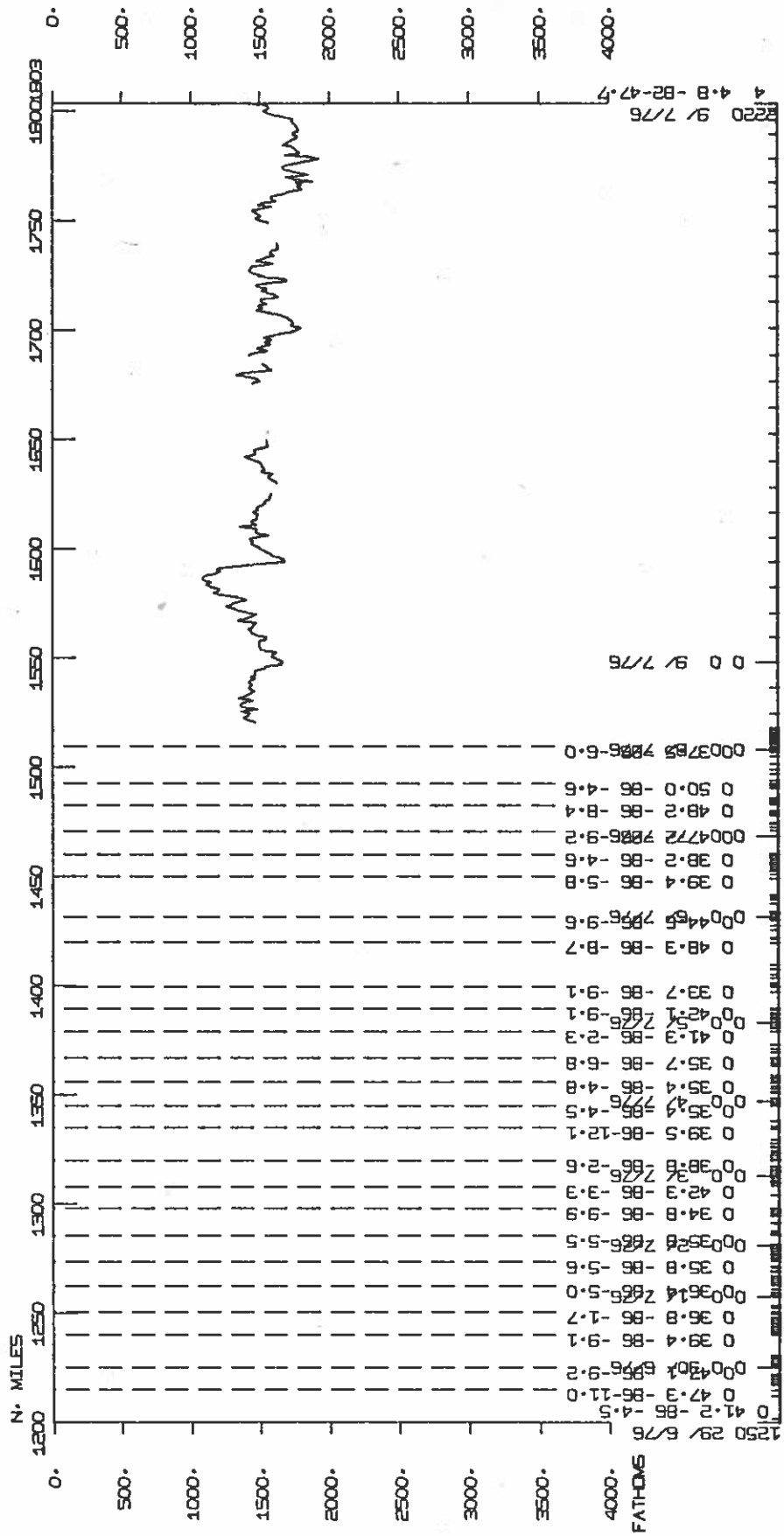
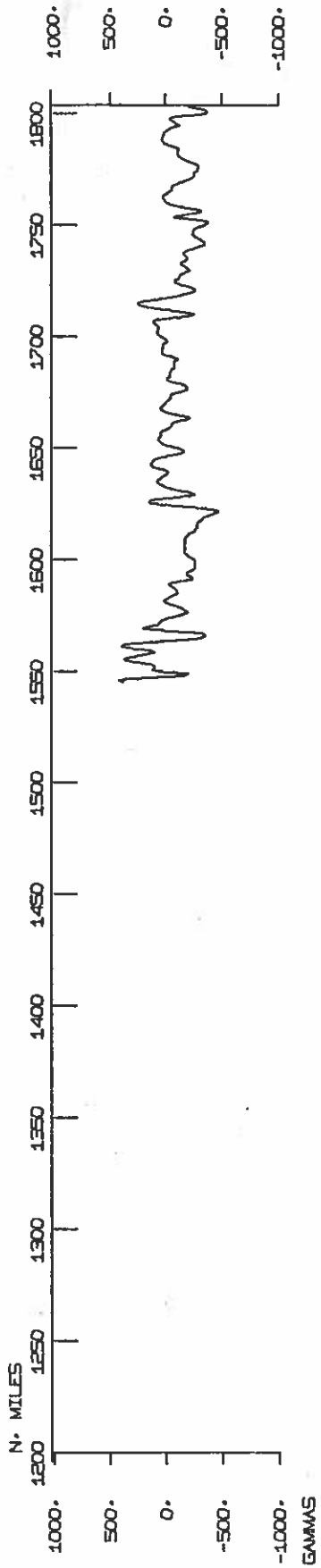
PLEIADES LEG 2



PLEIADES LEG 2



PLEIADES LEG 2

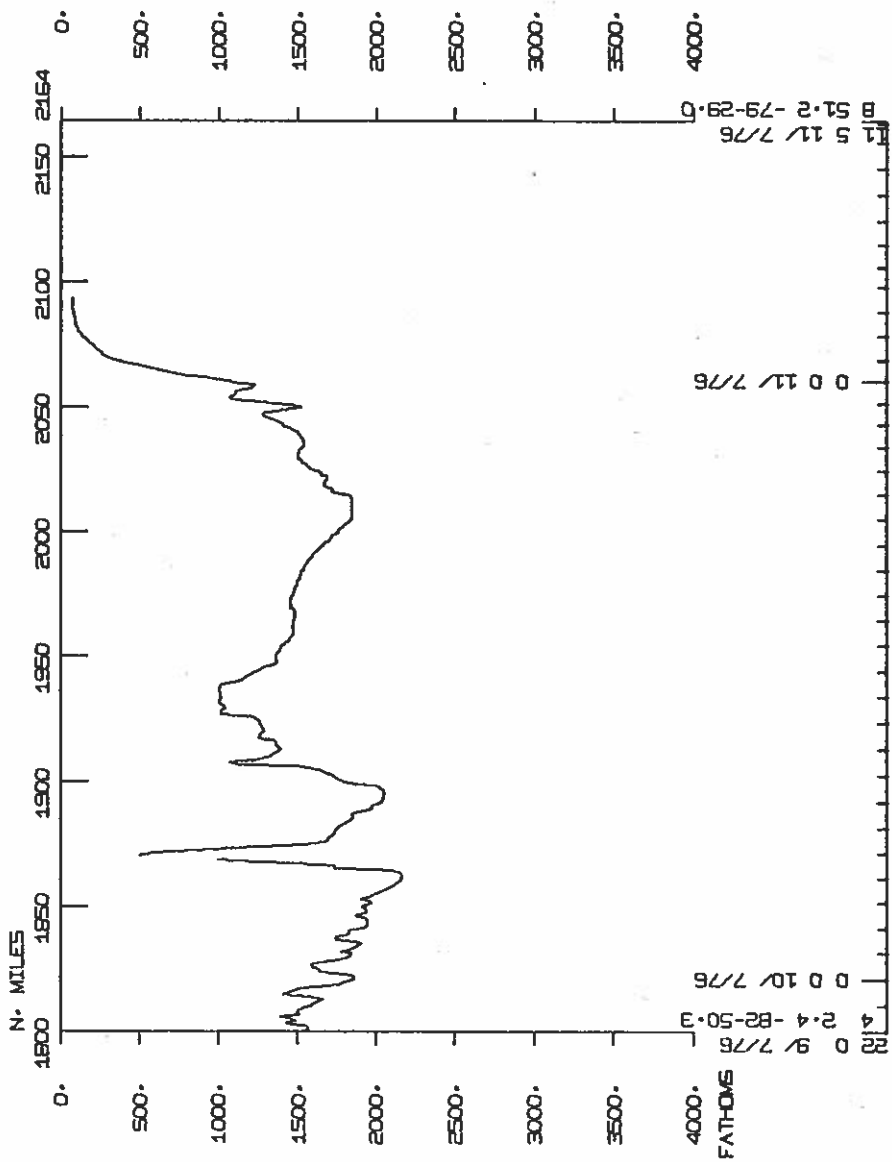
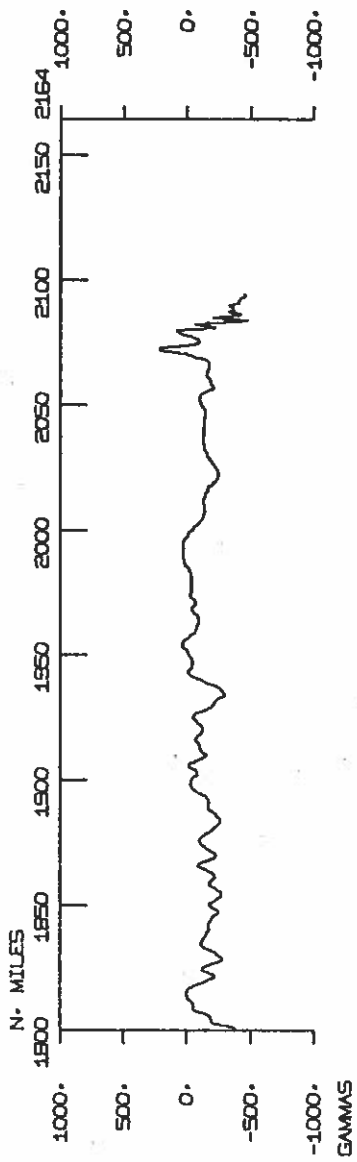


4 4.8 -82-47.7
 4 220 9/ 7/76

0 0 9/ 7/76

1250 29/ 676

PLEIADES LEG 2



28 0 9/ 7/76
 4 2.4-82-50.3
 0 0 10/ 7/76
 0 0 11/ 7/76
 11 5 11/ 7/76
 B 51.2-79-29.0

PLEIADES EXPEDITION LEG 2 SAMPLE INDEX

*** PORTS ***

200 14 676	LGPT B BALBOA CANAL ZONE	8 570N	79 330W	F	PLDS02MV
1200 11 776	LGPT E BALBOA CANAL ZONE	8 570N	79 330W	F	PLDS02MV

PERSONNEL

PECS	CORLISS J.	OSU	PLDS02MV
PECS	VON HERZEN R.	WHO	PLDS02MV
PERT	HAUSMAN M.	MTG	PLDS02MV
PECT	MOORE J.	MTG	PLDS02MV
PEXN	BISHOP J.	WHO	PLDS02MV
PE	CANTELOW A.	WHO	PLDS02MV
PE	COBLER R.	OSU	PLDS02MV
PE	COLLIER P.	MIT	PLDS02MV
PE	COLLIER R.	MIT	PLDS02MV
PE	CRANE K.	SIO	PLDS02MV
PE	CROWE J.	WHO	PLDS02MV
PE	DIXON F.	WHO	PLDS02MV
PE	DOERGE J.	OSU	PLDS02MV
PE	DOERGE T.	OSU	PLDS02MV
PE	DYMOND J.	OSU	PLDS02MV
PE	GREEN K.	WHO	PLDS02MV
PE	HOLMES G.	SIO	PLDS02MV
PE	JOHNSON S.	OSU	PLDS02MV
PE	KALK P.	OSU	PLDS02MV
PE	LEGG M.	SIO	PLDS02MV
PE	LILLEY M.	OSU	PLDS02MV
PE	LOPEZ C.	OSU	PLDS02MV
PE	LYLE M.	OSU	PLDS02MV
PE	MCALISTER R.	OSU	PLDS02MV
PE	MCDUFF R.	SIO	PLDS02MV
PE	MENZIES D.	OSU	PLDS02MV
PE	NELSON G.	SIX	PLDS02MV
PE	PELLETIER G.	WHO	PLDS02MV
PE	STILLINGER R.	OSU	PLDS02MV
PE	TRUESDALE R.	MPL	PLDS02MV
PE	WILLIAMS D.	GSU	PLDS02MV

*** 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 LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
-------------	----------------	-------------	-----------	--------------	---------------	--------------	------	-------	--------------------

UNDERWAY DATA - CURATOR S.M. SMITH (EXT.2752)

*** LOG BOOKS ***

0200	14	676		LBUW B	GEOPHYSICAL LOG	GDC	8 570N	79 330W	F PLDS02MV
0340	11	776		LBUW E	GEOPHYSICAL LOG	GDC	7 447N	79 402W	F PLDS02MV

*** MAGNETOMETER ***

520	14	676		MGR B	MAGNETICS R-01	GDC	8 146N	79 419W	S PLDS02MV
340	11	776		MGR E	MAGNETICS R-01	GDC	7 447N	79 402W	S PLDS02MV

*** FATHOGRAMS ***

500	14	676		DPR3 B	GDR 3.5KHZ R-01	GDC	8 173N	79 408W	S PLDS02MV
430	15	676		DPR3 E	GDR 3.5KHZ R-01	GDC	5 129N	82 62W	S PLDS02MV
455	15	676		DPR3 B	GDR 3.5KHZ R-02	GDC	5 92N	82 96W	S PLDS02MV
1708	16	676		DPR3 E	GDR 3.5KHZ R-02	GDC	0 357N	86 90W	S PLDS02MV
2140	8	776		DPR3 B	GDR 3.5KHZ R-03	GDC	0 411N	86 43W	S PLDS02MV
1740	9	776		DPR3 E	GDR 3.5KHZ R-03	GDC	3 281N	83 230W	S PLDS02MV
1745	9	776		DPR3 B	GDR 3.5KHZ R-04	GDC	3 287N	83 224W	S PLDS02MV
1520	10	776		DPR3 E	GDR 3.5KHZ R-04	GDC	6 170N	80 535W	S PLDS02MV
1527	10	776		DPR3 B	GDR 3.5KHZ R-05	GDC	6 179N	80 528W	S PLDS02MV
1623	10	776		DPR3 E	GDR 3.5KHZ R-05	GDC	6 246N	80 463W	S PLDS02MV
1628	10	776		DPR3 B	GDR 3.5KHZ R-06	GDC	6 252N	80 457W	S PLDS02MV
340	11	776		DPR3 E	GDR 3.5KHZ R-06	GDC	7 447N	79 402W	S PLDS02MV

*** CORES ***

1915	16	676		COG	PLDS 17G	2686M	OSU	0 363N	86 86W	S PLDS02MV
2345	16	676		COG	PLDS 18G	2694M	OSU	0 383N	86 77W	S PLDS02MV
315	17	676		COG	PLDS 19G	2710M	OSU	0 366N	86 60W	S PLDS02MV
2140	17	676		COG	PLDS 20G	2643M	OSU	0 443N	86 52W	S PLDS02MV
28	18	676		COG	PLDS 21G	2626M	OSU	0 457N	86 126W	S PLDS02MV
652	18	676		COG	PLDS 22G	2699M	OSU	0 371N	86 119W	S PLDS02MV
508	19	676		COG	PLDS 23G	2776M	OSU	0 328N	86 87W	S PLDS02MV
715	19	676		COG	PLDS 24G	2710M	OSU	0 341N	86 87W	S PLDS02MV

								13DEC76		PAGE 2	
TIME	DATE	TIME	TZ	SAMP		DISP					CRUISE
GMT	D.M.Y.	LOC	LOC	CODE	SAMPLE IDENT.	CODE	LAT.	LONG.			LEG-SHIP
1314	20	676		COG	PLDS 25G	2708M	OSU 0 349N	86 55W	S	PLDS02MV	
1550	20	676		COG	PLDS 26G	2634M	OSU 0 371N	86 27W	S	PLDS02MV	
1730	20	676		COG	PLDS 27G	2645M	OSU 0 394N	86 29W	S	PLDS02MV	
105	21	676		COG	PLDS 28G	2703M	OSU 0 363N	86 54W	S	PLDS02MV	
1700	21	676		COG	PLDS 29G	2697M	OSU 0 370N	86 51W	S	PLDS02MV	
1830	21	676		COG	PLDS 30G	2699M	OSU 0 368N	86 53W	S	PLDS02MV	
2005	21	676		COG	PLDS 31G	2700M	OSU 0 363N	86 55W	S	PLDS02MV	
2210	21	676		COG	PLDS 32G	2710M	OSU 0 364N	86 51W	S	PLDS02MV	
2350	21	676		COG	PLDS 33G	2708M	OSU 0 363N	86 50W	S	PLDS02MV	
347	22	676		COG	PLDS 34G	2697M	OSU 0 365N	86 60W	S	PLDS02MV	
200	23	676		COG	PLDS 35G	2717M	OSU 0 258N	86 69W	S	PLDS02MV	
2045	23	676		COG	PLDS 36G	2698M	OSU 0 358N	86 87W	S	PLDS02MV	
845	24	676		COBX	PLDS 37BX	2716M	OSU 0 361N	86 79W	S	PLDS02MV	
145	25	676		COG	PLDS 38G	2658M	OSU 0 444N	86 55W	S	PLDS02MV	
320	25	676		COG	PLDS 39G	2645M	OSU 0 411N	86 55W	S	PLDS02MV	
538	25	676		COG	PLDS 40G	2720M	OSU 0 382N	86 62W	S	PLDS02MV	
957	26	676		COG	PLDS 41G	2760M	OSU 0 362N	86 93W	S	PLDS02MV	
1247	26	676		COG	PLDS 42G	2686M	OSU 0 385N	86 95W	S	PLDS02MV	
1455	26	676		COG	PLDS 43G	2571M	OSU 0 443N	86 108W	S	PLDS02MV	
1712	26	676		COG	PLDS 44G	2710M	OSU 0 450N	86 114W	S	PLDS02MV	
452	29	676		COG	PLDS 45G	2706M	OSU 0 387N	86 55W	S	PLDS02MV	
700	29	676		COG	PLDS 46G	2571M	OSU 0 424N	86 34W	S	PLDS02MV	
50	30	676		COG	X PLDS 47G NO CORE	2571M	OSU 0 467N	86 97W	S	PLDS02MV	
2228	30	676		COG	PLDS 48G	2742M	OSU 0 353N	86 21W	S	PLDS02MV	
1120	1	776		COG	PLDS 49G	2723M	OSU 0 346N	86 66W	S	PLDS02MV	
1317	1	776		COG	PLDS 50G	2727M	OSU 0 340N	86 67W	S	PLDS02MV	
333	2	776		COG	PLDS 51G	2710M	OSU 0 350N	86 52W	S	PLDS02MV	
700	2	776		COG	PLDS 52G	2686M	OSU 0 378N	86 56W	S	PLDS02MV	
1958	3	776		COG	PLDS 53G	2807M	OSU 0 395N	86 123W	S	PLDS02MV	
103	4	776		COG	PLDS 54G	2716M	OSU 0 342N	86 53W	S	PLDS02MV	
419	4	776		COG	PLDS 55G	2716M	OSU 0 353N	86 51W	S	PLDS02MV	
748	4	776		COG	PLDS 56G	2682M	OSU 0 354N	86 51W	S	PLDS02MV	
1015	4	776		COG	PLDS 57G	2675M	OSU 0 356N	86 68W	S	PLDS02MV	
1130	5	776		COG	PLDS 58G	2682M	OSU 0 341N	86 96W	S	PLDS02MV	
2306	5	776		COG	PLDS 59G	2800M	OSU 0 443N	86 91W	S	PLDS02MV	
1310	6	776		COG	PLDS 60G	2663M	OSU 0 397N	86 71W	S	PLDS02MV	
1452	6	776		COG	PLDS 61G	2648M	OSU 0 400N	86 65W	S	PLDS02MV	
612	7	776		COG	PLDS 62G	2792M	OSU 0 499N	86 65W	S	PLDS02MV	
1810	7	776		COG	PLDS 63G	2465M	OSU 0 484N	86 92W	S	PLDS02MV	
1945	7	776		COG	PLDS 64G	2686M	OSU 0 455N	86 86W	S	PLDS02MV	

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** DREDGE ***									
1936	20	676		DRR B	PLDS 03D	2697M	OSU 0 370N	86 62W	S PLDS02MV
2325	20	676		DRR E	PLDS 03D	2692M	OSU 0 382N	86 60W	S PLDS02MV
2010	22	676		DRR B	PLDS 04D	2669M	OSU 0 238N	86 56W	S PLDS02MV
130	23	676		DRR E	PLDS 04D	2669M	OSU 0 258N	86 65W	S PLDS02MV
704	25	676		DRR B	PLDS 05D	2695M	OSU 0 354N	86 77W	S PLDS02MV
1127	25	676		DRR E	PLDS 05D	2690M	OSU 0 372N	86 97W	S PLDS02MV
1845	27	676		DRR B	PLDS 06D	2478M	OSU 0 476N	86 87W	S PLDS02MV
2344	27	676		DRR E	PLDS 06D	2469M	OSU 0 480N	86 97W	S PLDS02MV
448	1	776		DRR B	PLDS 07D	2712M	OSU 0 365N	86 44W	S PLDS02MV
1005	1	776		DRR E	PLDS 07D	2704M	OSU 0 343N	86 72W	S PLDS02MV

*** HEAT FLOW ***

1905	14	676		HF4M B	PLDS 01HF M	2528M	WHO 6 210N	81 32W	S PLDS02MV
2030	14	676		HF4M E	PLDS 01HF M		WHO 6 207N	81 41W	S PLDS02MV
1655	15	676		HF4M B	PLDS 02HF M	2947M	WHO 3 308N	83 272W	S PLDS02MV
1830	15	676		HF4M E	PLDS 02HF M		WHO 3 309N	83 280W	S PLDS02MV
2044	16	676		HF4M B	PLDS 03HF M	2701M	WHO 0 386N	86 57W	S PLDS02MV
2245	16	676		HF4M E	PLDS 03HF M		WHO 0 382N	86 74W	S PLDS02MV
113	17	676		HF4M X	PLDS 04 ABORT		WHO 0 370N	86 55W	S PLDS02MV
435	17	676		HF4M B	PLDS 05HF M	2664M	WHO 0 371N	86 51W	S PLDS02MV
1853	17	676		HF4M E	PLDS 05HF M		WHO 0 306N	86 65W	S PLDS02MV
932	18	676		HF4M B	PLDS 06HF M	2708M	WHO 0 406N	86 87W	S PLDS02MV
1715	18	676		HF4M E	PLDS 06HF M		WHO 0 383N	86 88W	S PLDS02MV
1740	18	676		HF4M B	PLDS 07HF M	2643M	WHO 0 379N	86 86W	S PLDS02MV
300	19	676		HF4M E	PLDS 07HF M		WHO 0 340N	86 91W	S PLDS02MV
1735	19	676		HF4M B	PLDS 08HF M	2617M	WHO 0 407N	86 22W	S PLDS02MV
1010	20	676		HF4M E	PLDS 08HF M		WHO 0 308N	86 28W	S PLDS02MV
235	21	676		HF4M B	PLDS 09HF M	2669M	WHO 0 371N	86 61W	S PLDS02MV
521	21	676		HF4M E	PLDS 09HF M		WHO 0 359N	86 50W	S PLDS02MV
645	21	676		HF4M B	PLDS 10HF M	2710M	WHO 0 359N	86 51W	S PLDS02MV
807	21	676		HF4M E	PLDS 10HF M		WHO 0 359N	86 56W	S PLDS02MV

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
640	22	676	HF4M B	PLDS 11HF M	2806M	WHO 0 298N	86 52W S	PLDS02MV
1535	22	676	HF4M E	PLDS 11HF M		WHO 0 250N	86 45W S	PLDS02MV
1629	22	676	HF4M X	PLDS 12 ABORT		WHO 0 239N	86 54W S	PLDS02MV
1130	23	676	HF4M B	PLDS 13HF M	2637M	WHO 0 361N	86 71W S	PLDS02MV
1740	23	676	HF4M E	PLDS 13HF M		WHO 0 353N	86 89W S	PLDS02MV
1405	24	676	HF4M B	PLDS 14HF M	2697M	WHO 0 382N	86 54W S	PLDS02MV
0	25	676	HF4M E	PLDS 14HF M		WHO 0 447N	86 77W S	PLDS02MV
1805	25	676	HF4M B	PLDS 15HF M	2660M	WHO 0 399N	86 29W S	PLDS02MV
2300	25	676	HF4M E	PLDS 15HF M		WHO 0 441N	86 25W S	PLDS02MV
2317	25	676	HF4M B	PLDS 16HF M	2630M	WHO 0 440N	86 26W S	PLDS02MV
205	26	676	HF4M E	PLDS 16HF M		WHO 0 453N	86 20W S	PLDS02MV
1812	28	676	HF4M B	PLDS 17HF M	2582M	WHO 0 439N	86 77W S	PLDS02MV
2200	28	676	HF4M E	PLDS 17HF M		WHO 0 425N	86 76W S	PLDS02MV
2214	28	676	HF4M B	PLDS 18HF M	2673M	WHO 0 426N	86 73W S	PLDS02MV
312	29	676	HF4M E	PLDS 18HF M		WHO 0 396N	86 54W S	PLDS02MV
752	30	676	HF4M X	PLDS 19 ABORT		WHO 0 399N	86 92W S	PLDS02MV
914	30	676	HF4M B	PLDS 20HF M	2729M	WHO 0 398N	86 86W S	PLDS02MV
2119	30	676	HF4M E	PLDS 20HF M		WHO 0 367N	86 22W S	PLDS02MV
1434	1	776	HF4M B	PLDS 21HF M	2710M	WHO 0 359N	86 52W S	PLDS02MV
15	2	776	HF4M E	PLDS 21HF M		WHO 0 322N	86 82W S	PLDS02MV
856	3	776	HF4M B	PLDS 22HF M	2663M	WHO 0 389N	86 26W S	PLDS02MV
1739	3	776	HF4M E	PLDS 22HF M		WHO 0 404N	86 81W S	PLDS02MV
1945	4	776	HF4M B	PLDS 23HF M	2701M	WHO 0 412N	86 24W S	PLDS02MV
2319	4	776	HF4M E	PLDS 23HF M		WHO 0 417N	86 54W S	PLDS02MV
55	5	776	HF4M B	PLDS 24HF M	2744M	WHO 0 415N	86 59W S	PLDS02MV
333	5	776	HF4M E	PLDS 24HF M		WHO 0 419N	86 72W S	PLDS02MV
405	5	776	HF4M B	PLDS 25HF M	2770M	WHO 0 418N	86 71W S	PLDS02MV
811	5	776	HF4M E	PLDS 25HF M		WHO 0 420N	86 88W S	PLDS02MV
353	6	776	HF4M B	PLDS 26HF M	2757M	WHO 0 450N	86 101W S	PLDS02MV
530	6	776	HF4M E	PLDS 26HF M		WHO 0 464N	86 100W S	PLDS02MV
1806	6	776	HF4M B	PLDS 27HF M	2990M	WHO 0 395N	86 50W S	PLDS02MV
2250	6	776	HF4M E	PLDS 27HF M		WHO 0 385N	86 47W S	PLDS02MV

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

*** CURRENT MEASUREMENT ***

810	7	776			CMAB	RCVR PLDS1 CM09 1017	MPL	0 483N	86 82W	S PLDS02MV
1915	5	776			CMAB	RCVR PLDS1 CM10 1023	MPL	0 453N	86 75W	S PLDS02MV
2100	5	776			CMAB	RCVR PLDS1 CM11 1030	MPL	0 443N	86 68W	S PLDS02MV
1420	5	776			CMAB	RVCR PLDS1 CM12 1020	MPL	0 356N	86 69W	S PLDS02MV
1500	5	776			CMAB	RCVR PLDS1 CM13 1002	MPL	0 363N	86 64W	S PLDS02MV

*** CAMERA ***

1345	20	676			CAWS	B PLDS 01 CAMERA RUN	WHO	0 351N	86 51W	S PLDS02MV
1515	20	676			CAWS	E PLDS 01 CAMERA RUN	WHO	0 368N	86 23W	S PLDS02MV
747	23	676			CAWS	B PLDS 02 CAMERA RUN	WHO	0 357N	86 90W	S PLDS02MV
1027	23	676			CAWS	E PLDS 02 CAMERA RUN	WHO	0 365N	86 67W	S PLDS02MV
1350	25	676			CAWS	B PLDS 03 CAMERA RUN	WHO	0 356N	86 87W	S PLDS02MV
1520	25	676			CAWS	E PLDS 03 CAMERA RUN	WHO	0 348N	86 89W	S PLDS02MV
2225	26	676			CAWS	B PLDS 04 CAMERA RUN	WHO	0 478N	86 94W	S PLDS02MV
2335	26	676			CAWS	E PLDS 04 CAMERA RUN	WHO	0 479N	86 102W	S PLDS02MV
1455	27	676			CAWS	B PLDS 05 CAMERA RUN	WHO	0 480N	86 81W	S PLDS02MV
1630	27	676			CAWS	E PLDS 05 CAMERA RUN	WHO	0 473N	86 67W	S PLDS02MV
1140	28	676			CAWS	B PLDS 06 CAMERA RUN	WHO	0 481N	86 78W	S PLDS02MV
1415	28	676			CAWS	E PLDS 06 CAMERA RUN	WHO	0 470N	86 84W	S PLDS02MV
313	29	676			CAWS	B PLDS 07 CAMERA RUN	WHO	0 396N	86 54W	S PLDS02MV
545	29	676			CAWS	E PLDS 07 CAMERA RUN	WHO	0 388N	86 56W	S PLDS02MV
940	2	776			CAWS	B PLDS 08 CAMERA RUN	WHO	0 359N	86 78W	S PLDS02MV
1225	2	776			CAWS	E PLDS 08 CAMERA RUN	WHO	0 348N	86 97W	S PLDS02MV
1305	4	776			CAWS	B PLDS 09 CAMERA RUN	WHO	0 365N	86 49W	S PLDS02MV
1535	4	776			CAWS	E PLDS 09 CAMERA RUN	WHO	0 356N	86 68W	S PLDS02MV
809	7	776			CAWS	B PLDS 10 CAMERA RUN	WHO	0 483N	86 82W	S PLDS02MV
1255	7	776			CAWS	E PLDS 10 CAMERA RUN	WHO	0 466N	86 77W	S PLDS02MV

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

SEA QUAKE BOTTOM SEISMOMETER

1944	17	676	SQBS X	PLDS 01OBS	OSU 0	375N	86 38W	S PLDS02MV
2054	17	676	SQBS X	PLDS 02OBS	OSU 0	439N	86 45W	S PLDS02MV
115	18	676	SQBS X	PLDS 03OBS	OSU 0	459N	86 129W	S PLDS02MV
348	18	676	SQBS X	PLDS 04OBS	OSU 0	363N	86 107W	S PLDS02MV

SEA QUAKE SURVEY

1952	17	676	SQS B	PLDS2 SURVEY 01	IGP 0	377N	86 36W	S PLDS02MV
508	18	676	SQS E	PLDS2 SURVEY 01	IGP 0	370N	86 119W	S PLDS02MV
2231	18	676	SQS B	PLDS2 SURVEY 02	IGP 0	360N	86 84W	S PLDS02MV
409	19	676	SQS E	PLDS2 SURVEY 02	IGP 0	322N	86 87W	S PLDS02MV
910	19	676	SQS B	PLDS2 SURVEY 03	IGP 0	378N	86 50W	S PLDS02MV
1627	19	676	SQS E	PLDS2 SURVEY 03	IGP 0	408N	86 26W	S PLDS02MV
714	20	676	SQS B	PLDS2 SURVEY 04	IGP 0	328N	86 31W	S PLDS02MV
604	22	676	SQS E	PLDS2 SURVEY 04	IGP 0	324N	86 55W	S PLDS02MV
825	27	676	SQS B	PLDS2 SURVEY 05	IGP 0	477N	86 66W	S PLDS02MV
2055	28	676	SQS E	PLDS2 SURVEY 05	IGP 0	418N	86 80W	S PLDS02MV
840	29	676	SQS B	PLDS2 SURVEY 06	IGP 0	479N	86 47W	S PLDS02MV
613	30	676	SQS E	PLDS2 SURVEY 06	IGP 0	481N	86 101W	S PLDS02MV
1318	30	676	SQS B	PLDS2 SURVEY 07	IGP 0	378N	86 73W	S PLDS02MV
2241	30	676	SQS E	PLDS2 SURVEY 07	IGP 0	352N	86 23W	S PLDS02MV
1359	2	776	SQS B	PLDS2 SURVEY 08	IGP 0	393N	86 59W	S PLDS02MV
218	5	776	SQS E	PLDS2 SURVEY 08	IGP 0	416N	86 66W	S PLDS02MV
1000	6	776	SQS B	PLDS2 SURVEY 09	IGP 0	476N	86 87W	S PLDS02MV
2046	6	776	SQS E	PLDS2 SURVEY 09	IGP 0	386N	86 49W	S PLDS02MV
11	7	776	SQS B	PLDS2 SURVEY 10	IGP 0	473N	86 89W	S PLDS02MV
2116	7	776	SQS E	PLDS2 SURVEY 10	IGP 0	398N	86 77W	S PLDS02MV
2125	8	776	SQS B	PLDS2 SURVEY 11	IGP 0	391N	86 59W	S PLDS02MV
2245	8	776	SQS E	PLDS2 SURVEY 11	IGP 0	512N	85 562W	S PLDS02MV

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

HYDROGRAPHIC CAST

627	18	676		HCNI	TSONI	D	Q	22	OSU	0	371N	86	120W	S	PLDS02MV
1240	20	676		HCNI	TSONI	D	Q	18	OSU	0	347N	86	59W	S	PLDS02MV
317	22	676		HCNI	TSONI	D	Q	16	OSU	0	365N	86	61W	S	PLDS02MV
1843	23	676		HCNI	TSONI	D	Q	15	OSU	0	353N	86	97W	S	PLDS02MV
514	24	676		HCNI	TSONI	D	Q	15	OSU	0	366N	86	85W	S	PLDS02MV
1106	24	676		HCNI	TSONI	D	Q	17	OSU	0	362N	86	87W	S	PLDS02MV
545	26	676		HCNI	TSONI	D	Q	16	OSU	0	361N	86	83W	S	PLDS02MV
909	26	676		HCNI	TSONI	D	Q	6	OSU	0	355N	86	89W	S	PLDS02MV
1142	26	676		HCNI	TSONI	D	Q	3	OSU	0	371N	86	90W	S	PLDS02MV
646	27	676		HCNI	TSONI	D	Q	3	OSU	0	480N	86	95W	S	PLDS02MV
138	28	676		HCNI	TSONI	D	Q	19	OSU	0	475N	86	98W	S	PLDS02MV
839	28	676		HCNI	TSONI	D	Q	3	OSU	0	481N	86	96W	S	PLDS02MV
1457	29	676		HCNI	TSONI	D	Q	17	OSU	0	474N	86	108W	S	PLDS02MV
200	1	776		HCNI	TSONI	D	Q	19	OSU	0	343N	86	64W	S	PLDS02MV
320	2	776		HCNI	TSONI	D	Q	3	OSU	0	352N	86	52W	S	PLDS02MV
735	3	776		HCNI	TSONI	D	Q	11	OSU	0	413N	86	24W	S	PLDS02MV
2306	5	776		HCNI	TSONI	D	Q	3	OSU	0	443N	86	91W	S	PLDS02MV
145	6	776		HCNI	TSONI	D	Q	19	OSU	0	450N	86	103W	S	PLDS02MV
920	6	776		HCNI	TSONI	D	Q	3	OSU	0	477N	86	87W	S	PLDS02MV
1540	7	776		HCNI	TSONI	D	Q	19	OSU	0	496N	86	51W	S	PLDS02MV
2044	8	776		HCNI	TSONI	D	Q	4	OSU	0	389N	86	61W	S	PLDS02MV

99

END SAMPLE INDEX