

PLEIADES EXPEDITION

LEG 4

R/V MELVILLE

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH AND MAGNETIC DATA

Honolulu, Hawaii (21 August 1976)

to

San Diego, Calif. (23 September 1976)

Co-Chief Scientists - F. Spiess and J. Greenslate

Resident Marine Tech - W. Keith

Post-Cruise Processing by - S. Smith,

R. Lingley, G. Psaropulos

Prepared By

Underway Data Processing Group

S.I.O. Geological Data Center

Scripps Institution of Oceanography

La Jolla, California

January 6, 1977

Informal Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data *

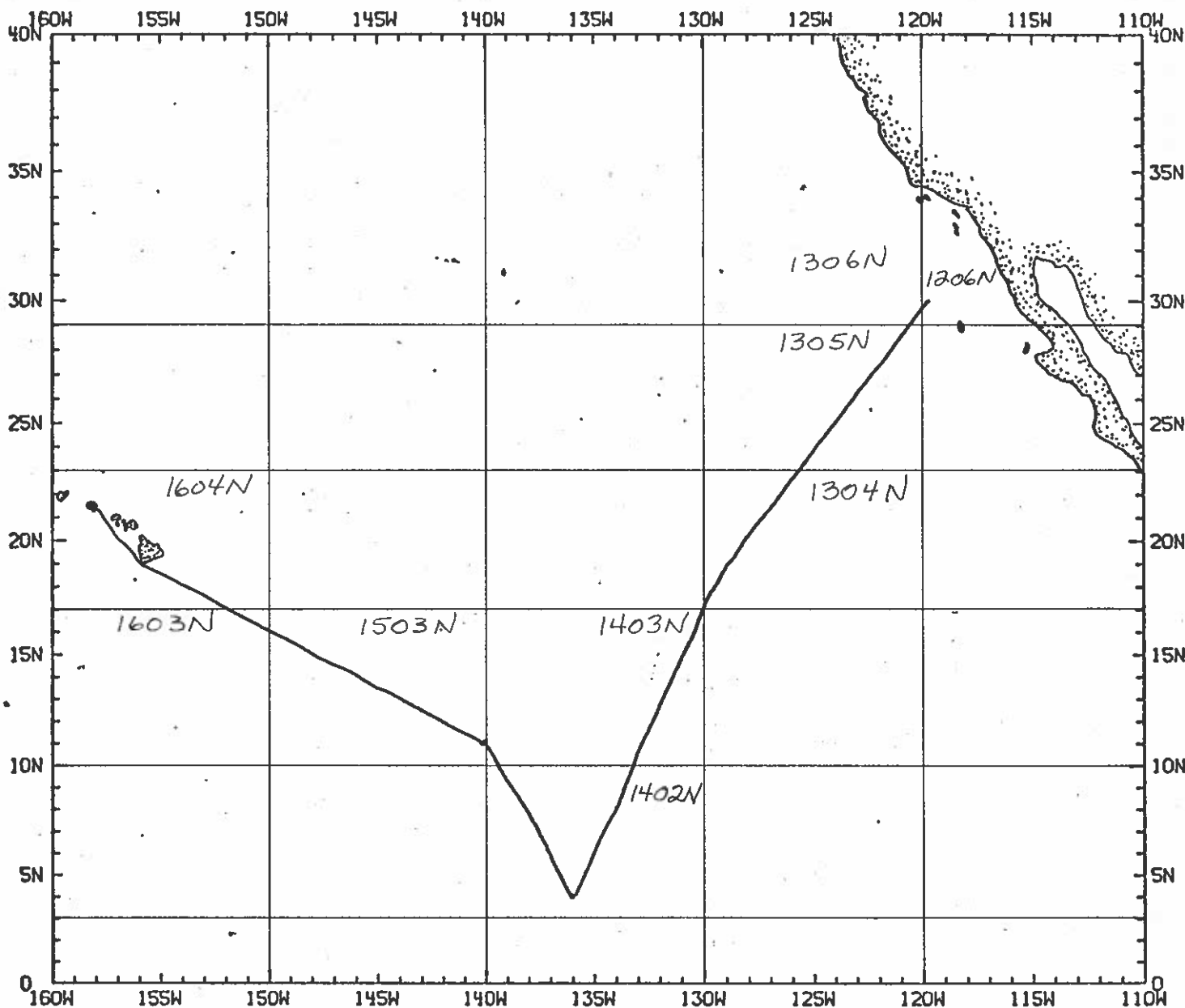
Contents:

- 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

* No subbottom profiler data collected

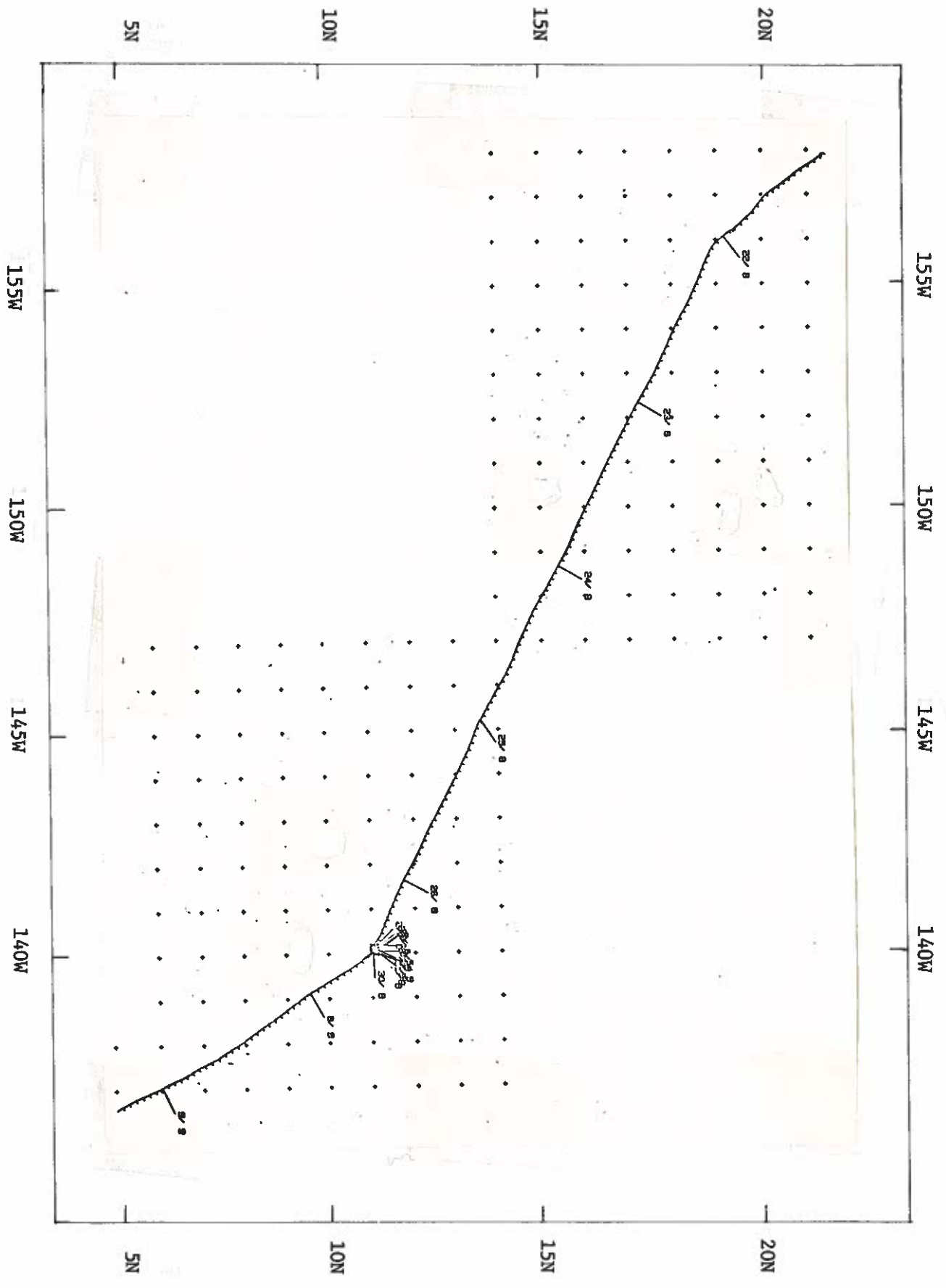


PLEIADES EXPEDITION
LEG 4

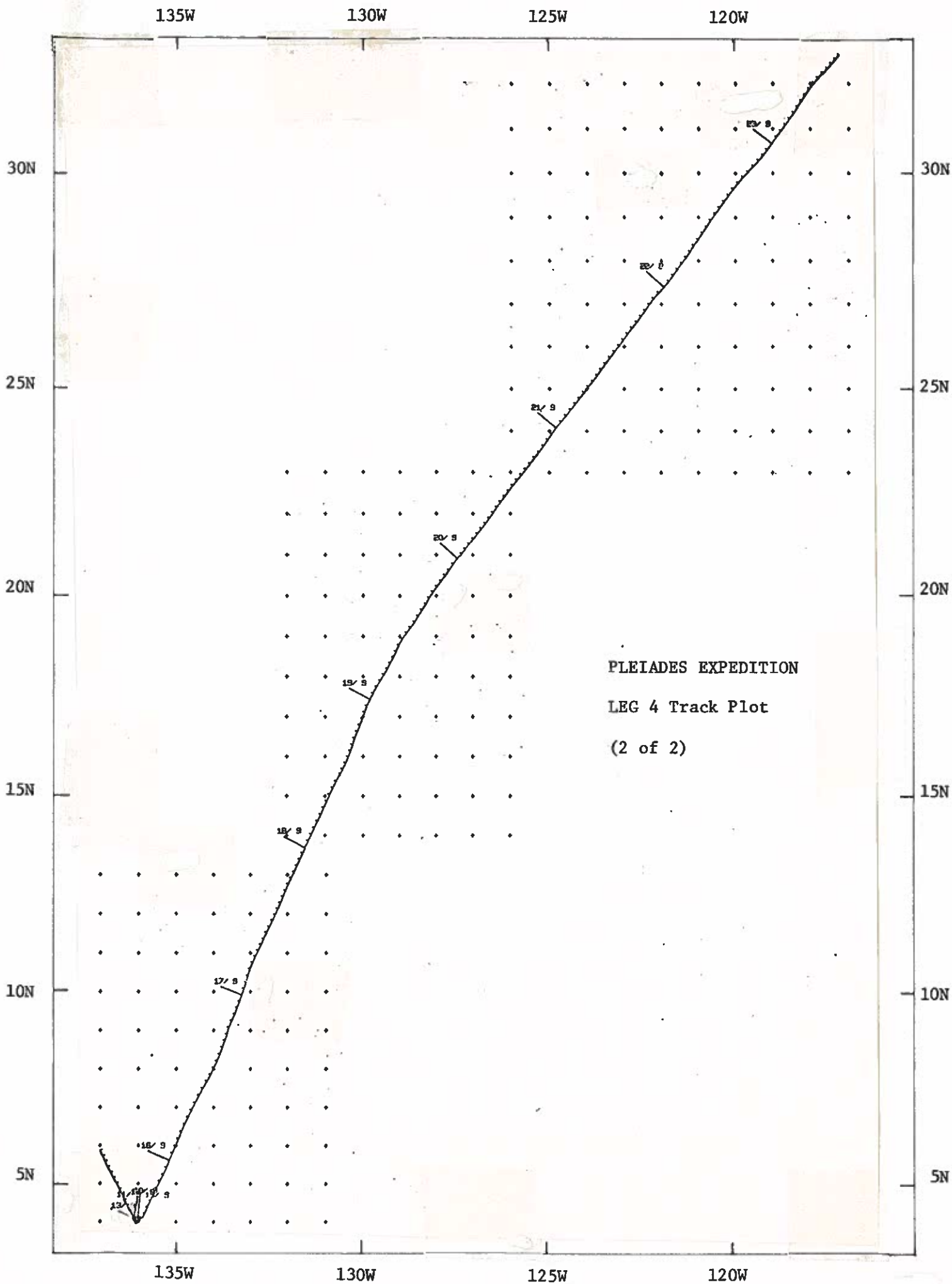
Co-Chief Scientists: Fred Spiess and Jimmy Greenslate
Ports: Honolulu - San Diego (21 August - 23 September 1976)

TOTAL MILEAGE

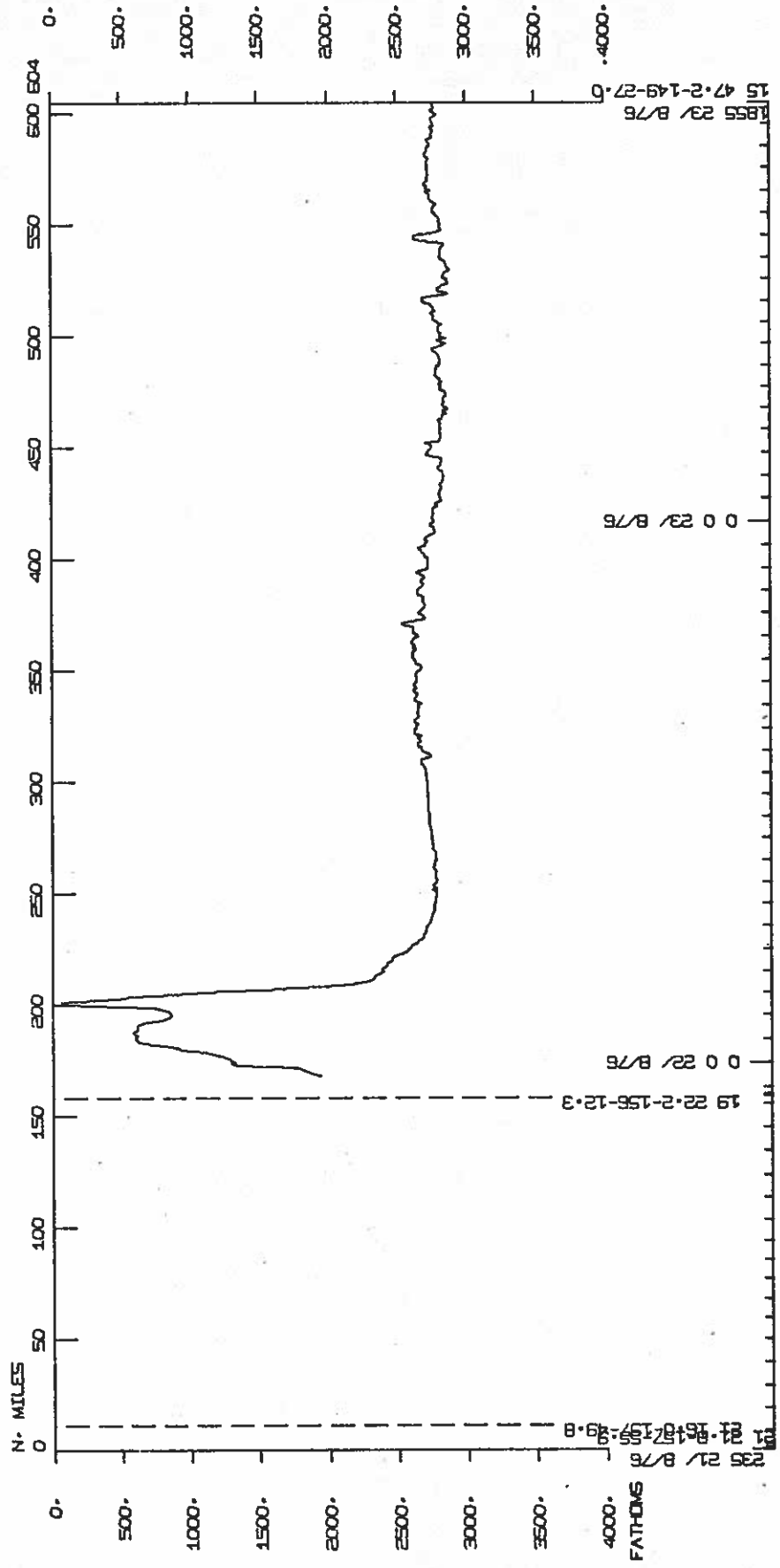
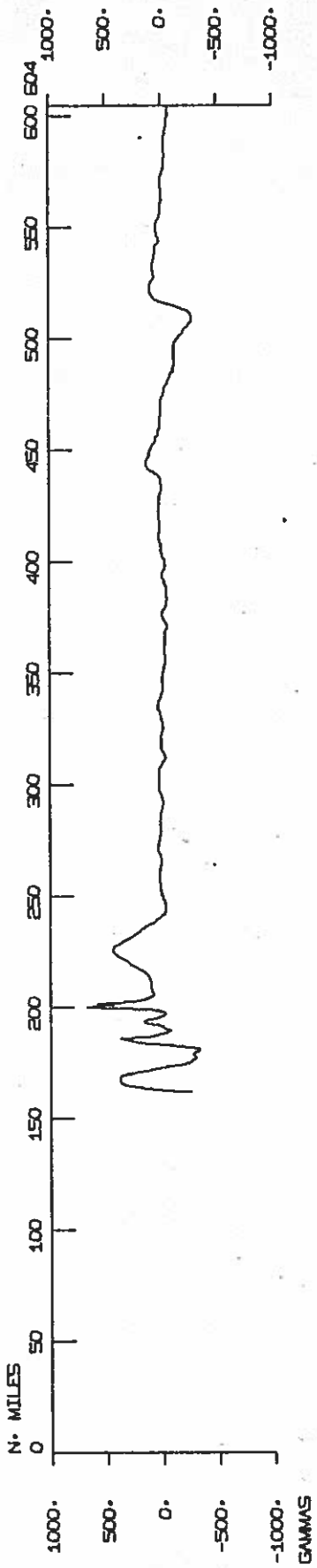
- 1) Cruise - 4398 miles
- 2) Bathymetry - 3378 miles
- 3) Magnetics - 3288 miles
- 4) Seismic Reflection - none collected



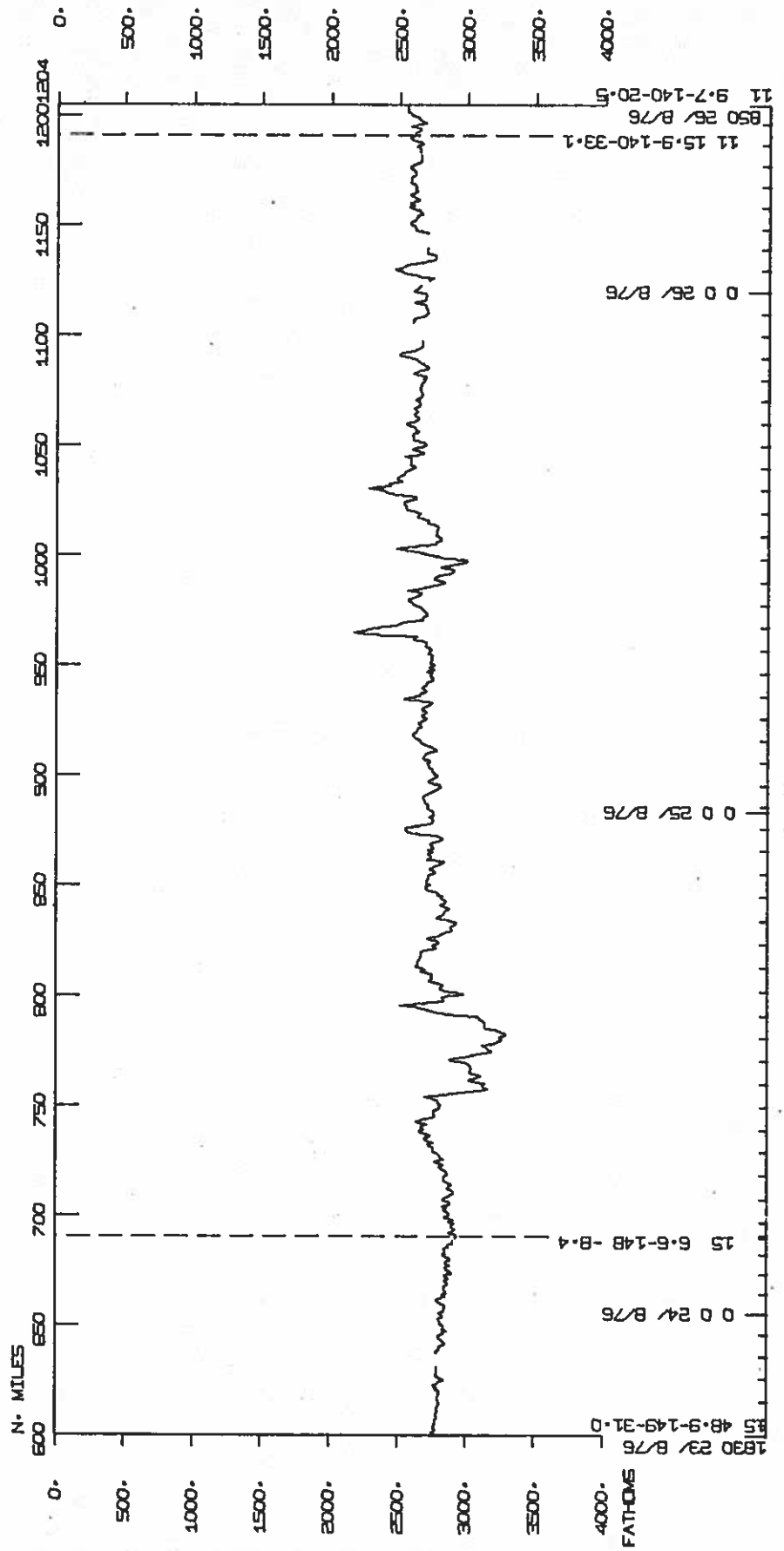
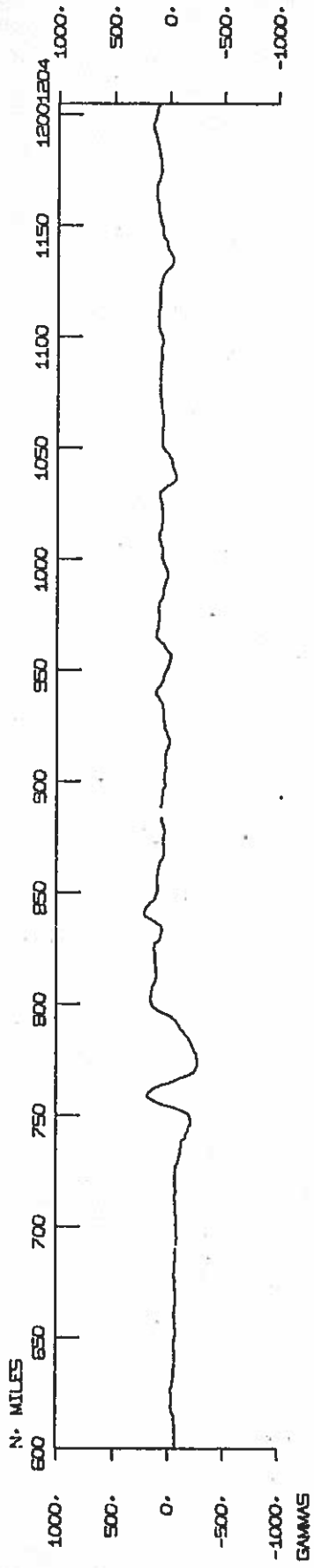
PLIADAES EXPEDITION IBG 4 Track Plot (1 of 2)



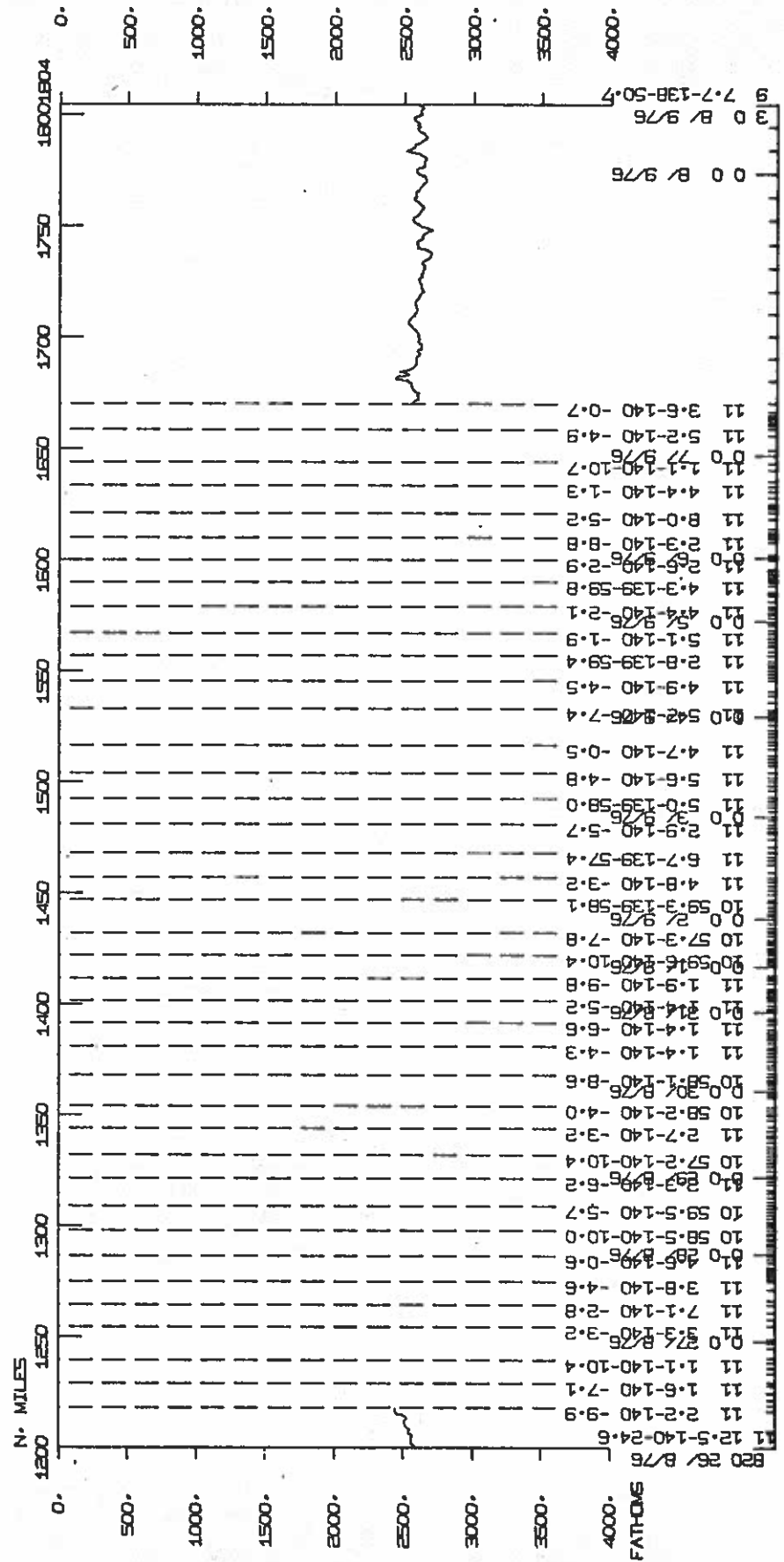
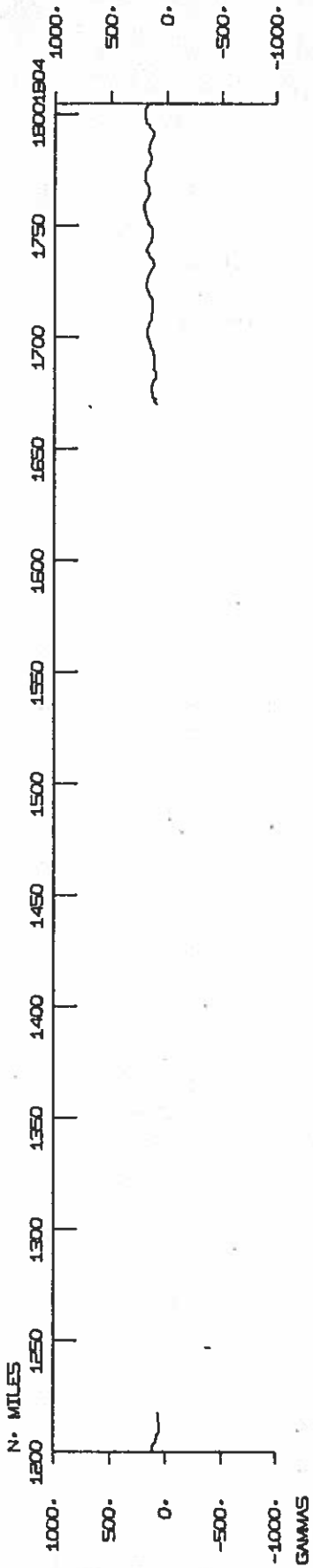
PLEIADES LEG 4



PLEIADES LEG 4

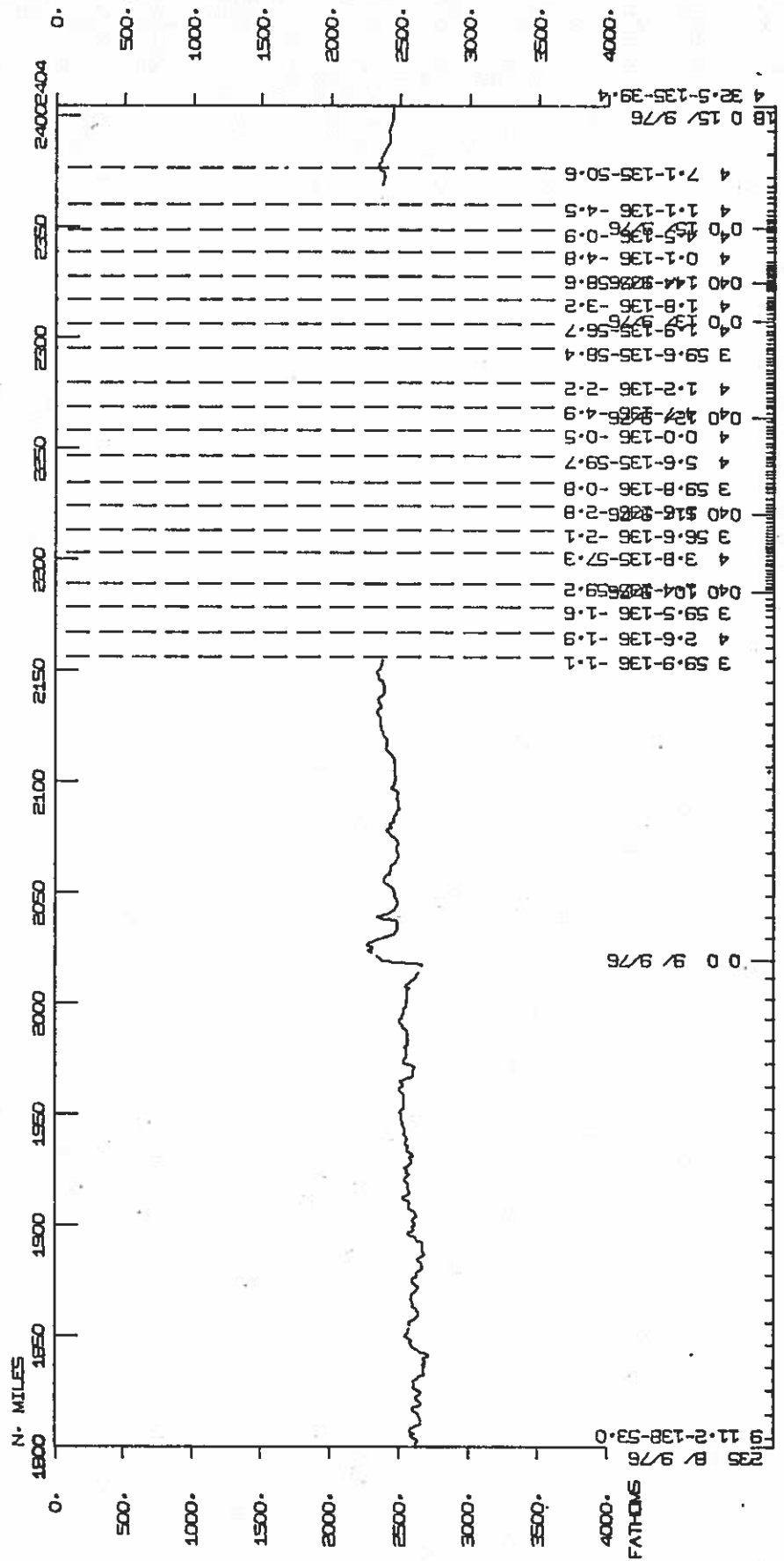
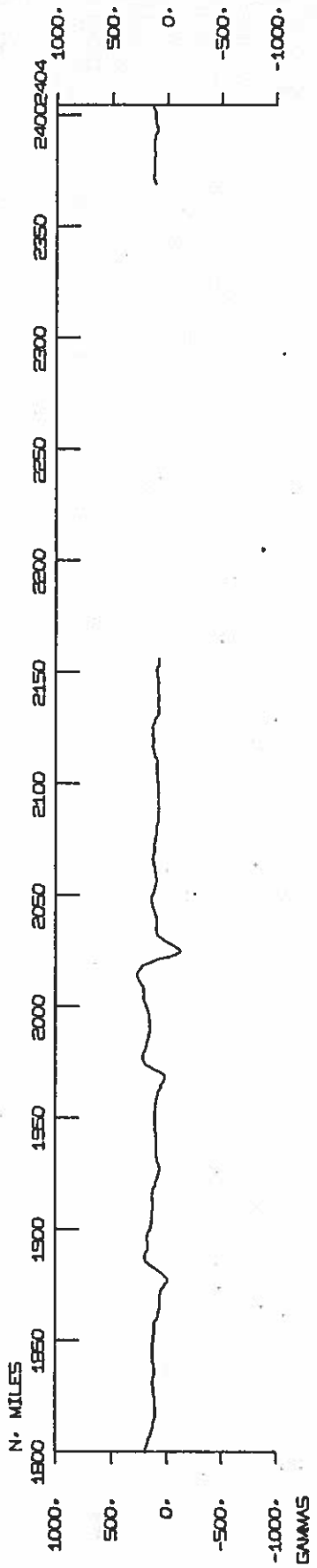


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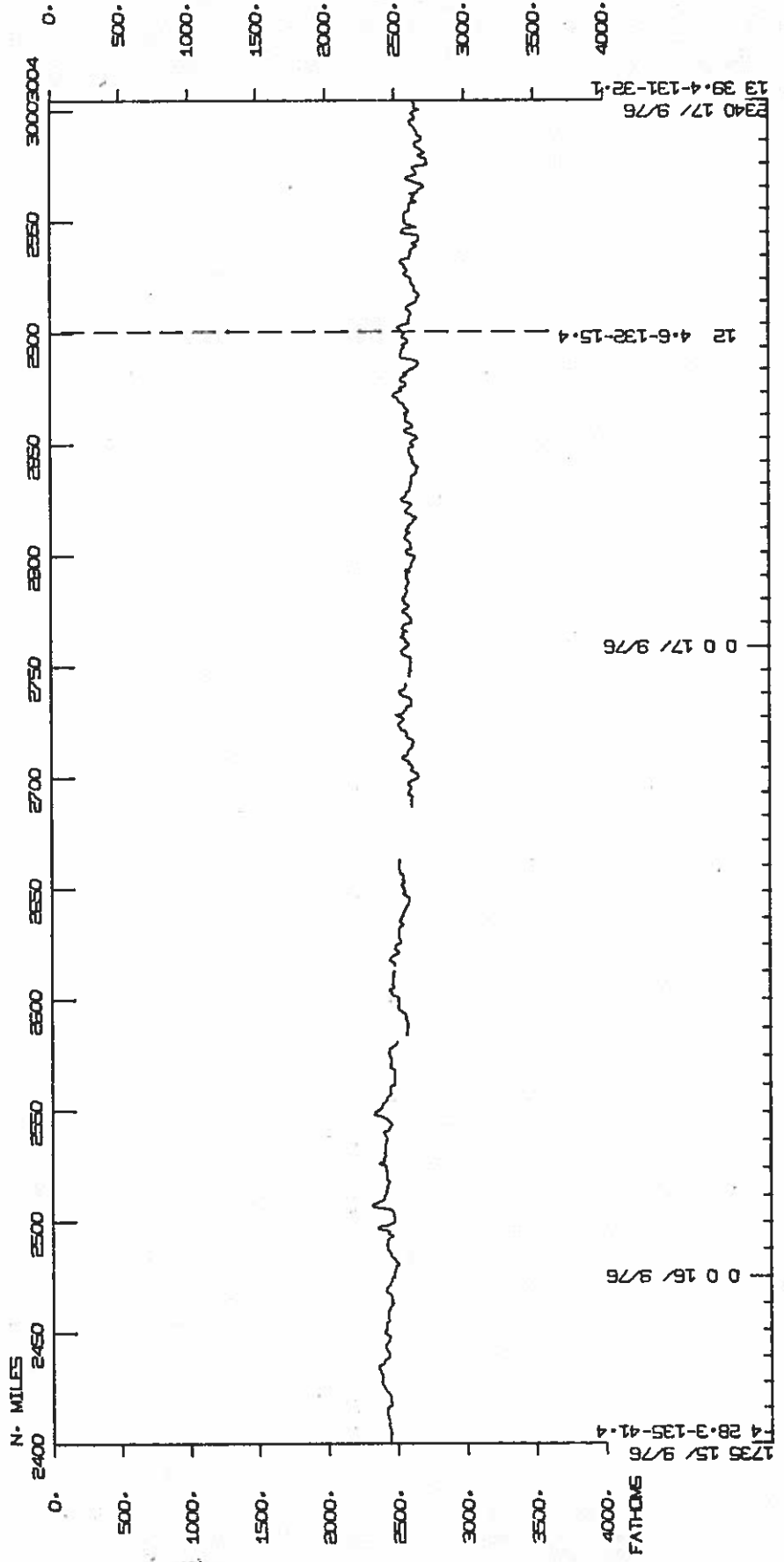
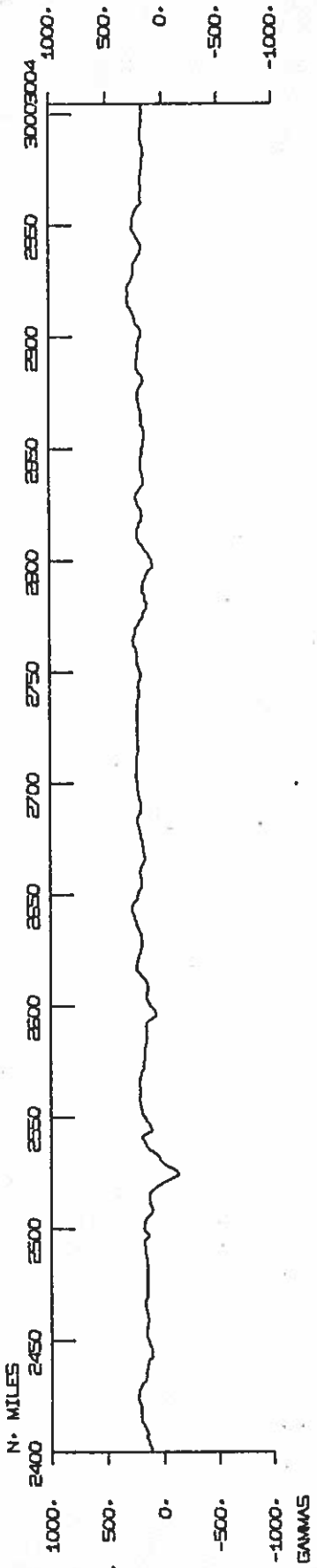


30 B/976
00 B/976
9 7.7-138-50.7

PLEIADES LEG A



PLEIADES LEG 4



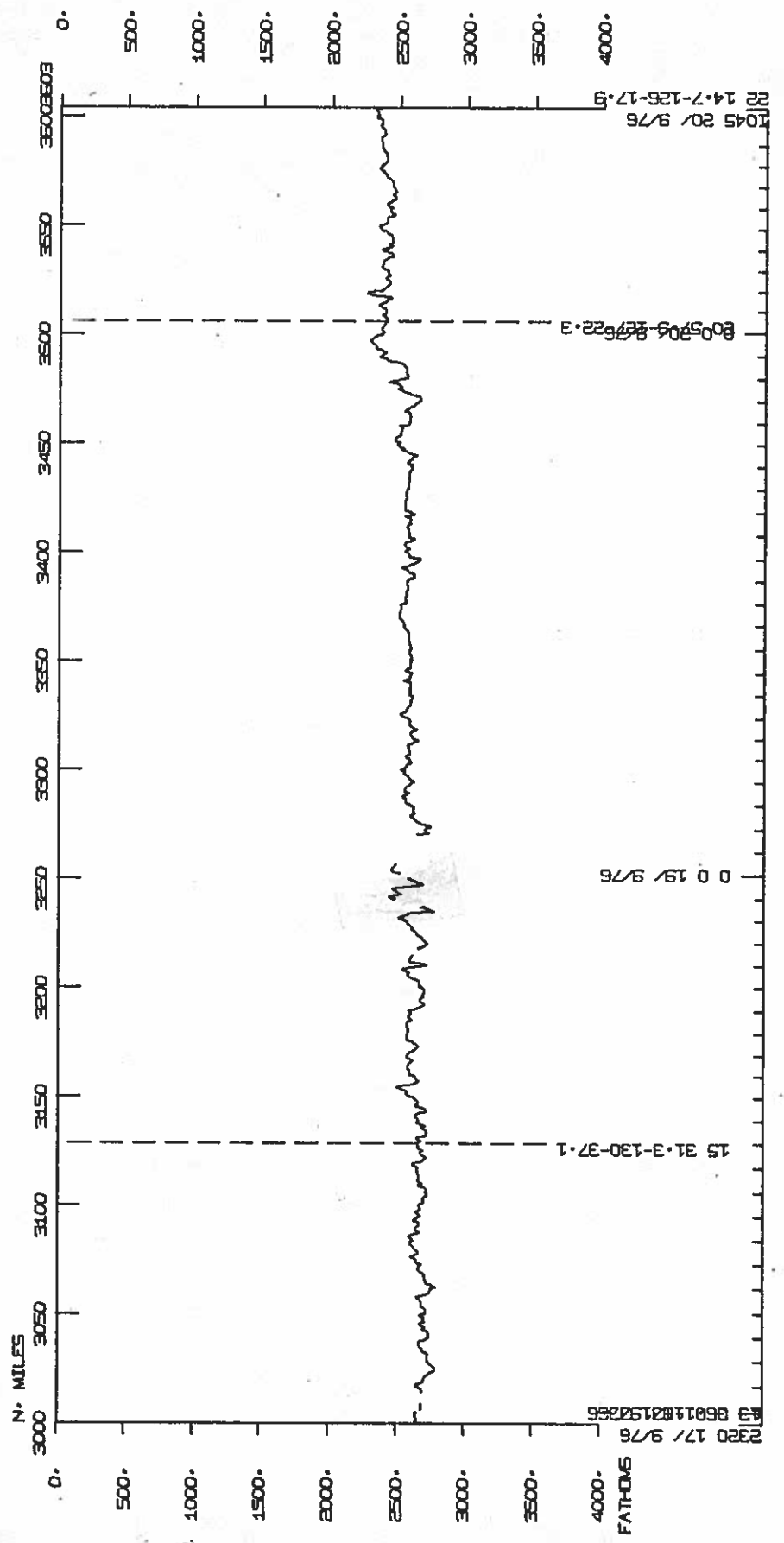
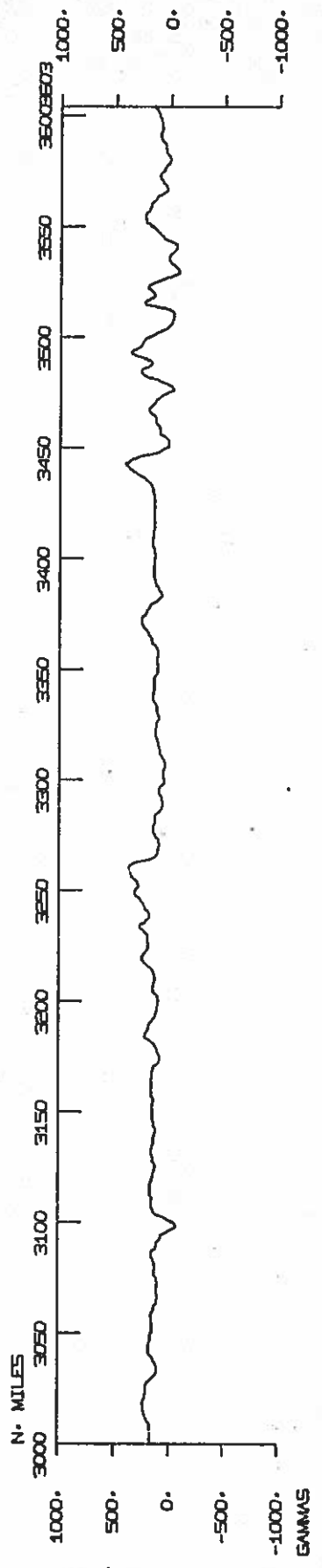
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E340 17/ 9/76

0 0 17/ 9/76

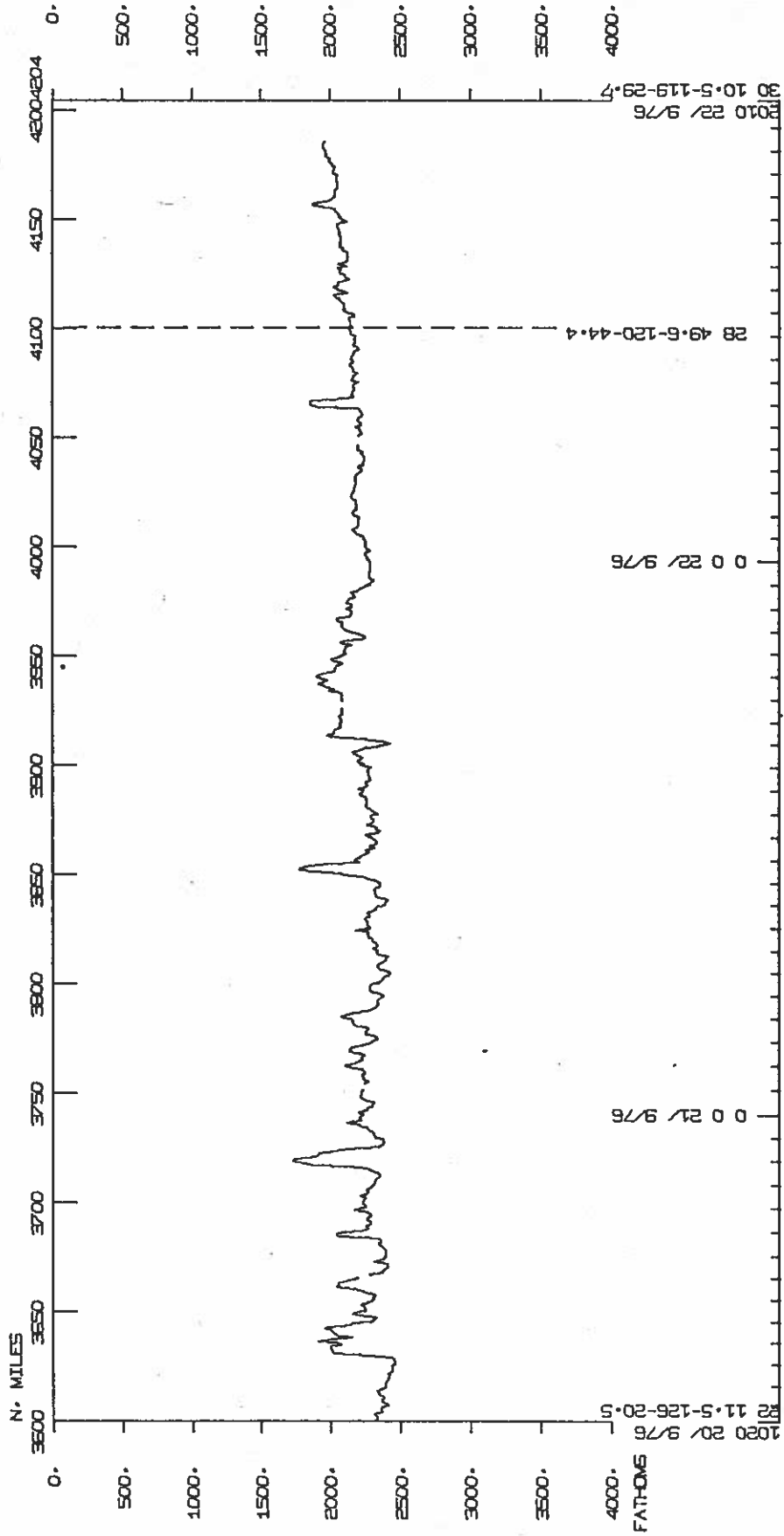
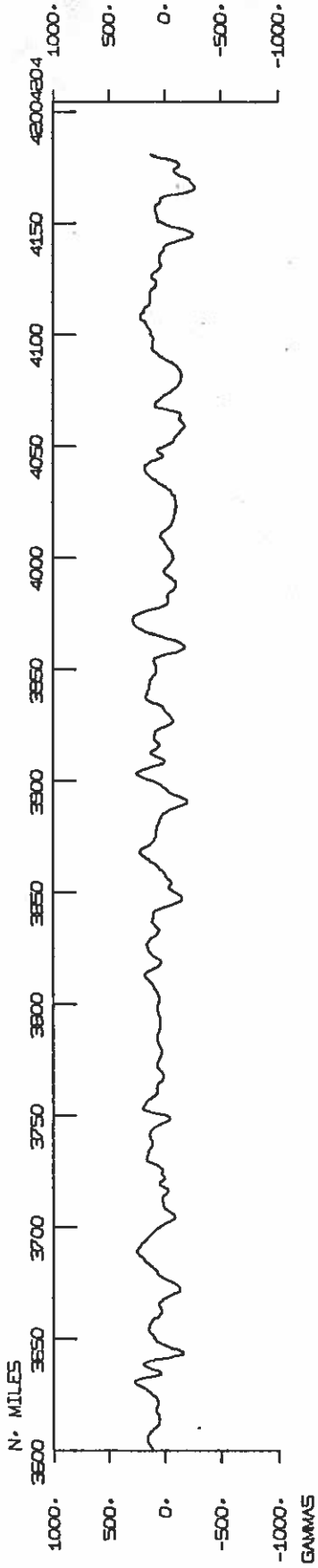
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1735 15/ 9/76
4 28.3-135-41.4

PLEIADES LEG 4



PLEIADES LEG 4



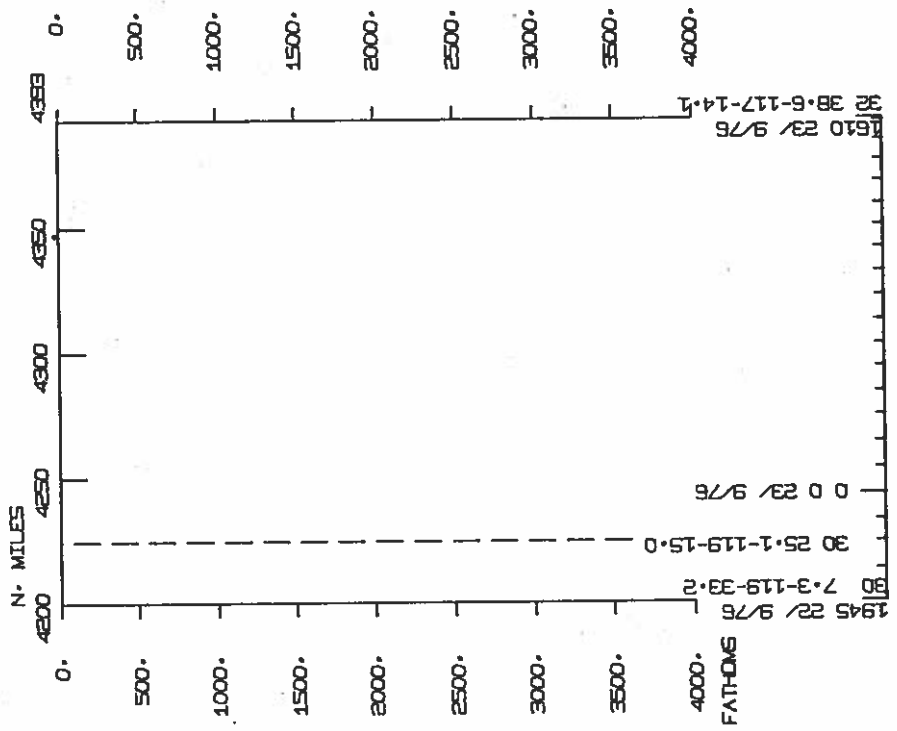
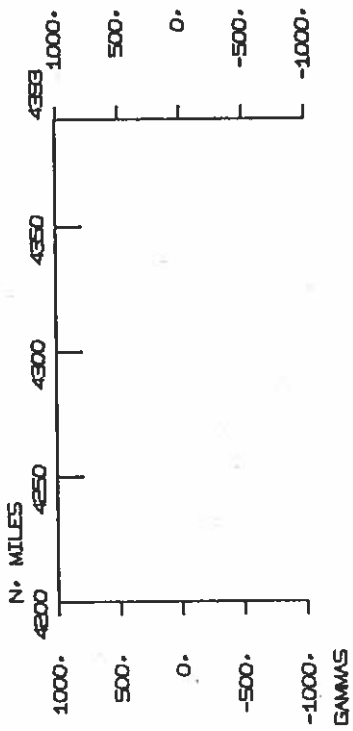
2010 22/ 9/76
28 49.6-120-44.4

0 0 22/ 9/76

0 0 22/ 9/76

2010 22/ 9/76
28 49.6-120-44.4

PLEIADES LEG 4



PLEIADES EXPEDITION LEG 4 SAMPLE INDEX

PORTS

232 21 876	LGPT B HONOLULU, HAWAII	21 218N 157 560W S PLDS04MV
1730 23 976	LGPT E SAN DIEGO, CA.	32 391N 117 136W S PLDS04MV

PERSONNEL

PECS	SPIESS, F.N.	MPL	PLDS04MV
PECS	GREENSLATE, J.L.	GRD	PLDS04MV
PERT	KEITH, W.E.	MTG	PLDS04MV
PECT	CHARTERS, J.	MTG	PLDS04MV
PE	BENSON, M.D.	MPL	PLDS04MV
PE	BOEGEMAN, D.E.	MPL	PLDS04MV
PE	BOWSER, C.J.	UWI	PLDS04MV
PEXN	BRAC, J.	CNX	PLDS04MV
PE	CHAYES, D.	LDO	PLDS04MV
PE	CRAWFORD, H.M.	SIX	PLDS04MV
PE	EKENBERG, R.	SIX	PLDS04MV
PE	GALLAGHER, C.E.	NSF	PLDS04MV
PE	GREENSLATE, R.S.	SIX	PLDS04MV
PE	HOLMES, G.B.	SIX	PLDS04MV
PES	KARAS, M.C.	MPL	PLDS04MV
PES	KENT, D.G.	GRD	PLDS04MV
PES	KLINKHAMMER, G.P.	SIX	PLDS04MV
PE	LOWENSTEIN, G.D.	MPL	PLDS04MV
PE	MCNAMEE, R. L.	LDO	PLDS04MV
PES	MAYER, L.A.	MPL	PLDS04MV
PE	MUDIE, J.D.	MPL	PLDS04MV
PE	PAVLICEK, F.V.	MPL	PLDS04MV
PE	PERSON, R.	SIX	PLDS04MV
PE	ROGERS, J.E.	MPL	PLDS04MV
PE	SETLOCK, G.H.	SIX	PLDS04MV
PE	SHELLEY, M.	NSF	PLDS04MV
PE	TYCE, R.C.	MPL	PLDS04MV
PE	WEININGER, D.	SIX	PLDS04MV
PES	WISHNER, K.F.	SIO	PLDS04MV
PE	WITHEROW, S.L.	GRD	PLDS04MV

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

*** LOG BOOKS ***

2300	21	876		LBUW B	GEOPHYSICAL LOG	GDC 19	183N	156 110W	S PLDS04MV
1830	22	876		LBUW E	GEOPHYSICAL LOG	GDC 17	421N	153 121W	S PLDS04MV

*** NAVIGATION PLOTS ***

1558	22	876		NVBP B	BRIDGE PLOT 1	GDC 17	538N	153 366W	S PLDS04MV
1015	26	876		NVBP E	BRIDGE PLOT 1	GDC 11	23N	140 103W	S PLDS04MV
1344	7	976		NVBP B	BRIDGE PLOT 2	GDC 11	39N	140 10W	S PLDS04MV
1400	9	976		NVBP E	BRIDGE PLOT 2	GDC 4	7N	136 18W	S PLDS04MV
1325	15	976		NVBP B	BRIDGE PLOT 3	GDC 4	24N	135 596W	S PLDS04MV
602	17	976		NVBP E	BRIDGE PLOT 3	GDC 10	548N	132 505W	S PLDS04MV
602	17	976		NVBP B	BRIDGE PLOT 4	GDC 10	548N	132 505W	S PLDS04MV
2256	18	976		NVBP E	BRIDGE PLOT 4	GDC 17	154N	129 544W	S PLDS04MV
2256	18	976		NVBP B	BRIDGE PLOT 5	GDC 17	154N	129 544W	S PLDS04MV
2106	20	976		NVBP E	BRIDGE PLOT 5	GDC 23	388N	125 88W	S PLDS04MV
2106	20	976		NVBP B	BRIDGE PLOT 6	GDC 23	388N	125 88W	S PLDS04MV
1900	22	976		NVBP E	BRIDGE PLOT 6	GDC 30	13N	119 389W	S PLDS04MV

*** FATHOGRAMS ***

1830	21	876		DPR3 B	GDR 3.5KHZ R-01	GDC 19	366N	156 250W	S PLDS04MV
1653	23	876		DPR3 E	GDR 3.5KHZ R-01	GDC 15	561N	149 459W	S PLDS04MV
1659	23	876		DPR3 B	GDR 3.5KHZ R-02	GDC 15	557N	149 450W	S PLDS04MV
2253	25	876		DPR3 E	GDR 3.5KHZ R-02	GDC 11	515N	141 483W	S PLDS04MV
2254	25	876		DPR3 B	GDR 3.5KHZ R-03	GDC 11	515N	141 481W	S PLDS04MV
1000	26	876		DPR3 E	GDR 3.5KHZ R-03	GDC 11	30N	140 111W	S PLDS04MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1335	7	976		DPR3 B	GDR 3.5KHZ R-04	GDC 11	39N 140	14W S	PLDS04MV
808	8	976		DPR3 E	GDR 3.5KHZ R-04	GDC 8	232N 138	210W S	PLDS04MV
810	8	976		DPR3 B	GDR 3.5KHZ R-05	GDC 8	229N 138	209W S	PLDS04MV
1400	9	976		DPR3 E	GDR 3.5KHZ R-05	GDC 4	7N 136	18W S	PLDS04MV
1436	15	976		DPR3 B	GDR 3.5KHZ R-06	GDC 4	37N 135	576W S	PLDS04MV
245	17	976		DPR3 E	GDR 3.5KHZ R-06	GDC 10	225N 133	36W S	PLDS04MV
247	17	976		DPR3 B	GDR 3.5KHZ R-07	GDC 10	228N 133	35W S	PLDS04MV
353	18	976		DPR3 E	GDR 3.5KHZ R-07	GDC 14	101N 131	177W S	PLDS04MV
354	18	976		DPR3 B	GDR 3.5KHZ R-08	GDC 14	103N 131	176W S	PLDS04MV
1730	19	976		DPR3 E	GDR 3.5KHZ R-08	GDC 20	8N 128	89W S	PLDS04MV
1730	19	976		DPR3 B	GDR 3.5KHZ R-09	GDC 20	8N 128	89W S	PLDS04MV
2223	20	976		DPR3 E	GDR 3.5KHZ R-09	GDC 23	500N 125	1W S	PLDS04MV
2310	20	976		DPR3 B	GDR 3.5KHZ R-10	GDC 23	568N 124	549W S	PLDS04MV
821	22	976		DPR3 E	GDR 3.5KHZ R-10	GDC 28	321N 120	583W S	PLDS04MV
822	22	976		DPR3 B	GDR 3.5KHZ R-11	GDC 28	322N 120	581W S	PLDS04MV
1830	22	976		DPR3 E	GDR 3.5KHZ R-11	GDC 29	578N 119	434W S	PLDS04MV
1430	15	976		DPRT B	GDR 12KHZ R-01	GDC 4	35N 135	579W S	PLDS04MV
1233	17	976		DPRT E	GDR 12KHZ R-01	GDC 11	544N 132	205W S	PLDS04MV
1620	17	976		DPRT B	GDR 12KHZ R-02	GDC 12	295N 132	41W S	PLDS04MV
315	18	976		DPRT E	GDR 12KHZ R-02	GDC 14	38N 131	207W S	PLDS04MV
325	18	976		DPRT B	GDR 12KHZ R-03	GDC 14	54N 131	199W S	PLDS04MV
1614	19	976		DPRT E	GDR 12KHZ R-03	GDC 19	496N 128	163W S	PLDS04MV
1619	19	976		DPRT B	GDR 12KHZ R-04	GDC 19	504N 128	158W S	PLDS04MV
615	21	976		DPRT E	GDR 12KHZ R-04	GDC 24	564N 124	30W S	PLDS04MV
617	21	976		DPRT B	GDR 12KHZ R-05	GDC 24	567N 124	27W S	PLDS04MV
1834	22	976		DPRT E	GDR 12KHZ R-05	GDC 29	583N 119	428W S	PLDS04MV
MAGNETOMETER									
2300	21	876		MGR B	MAGNETICS R-01	GDC 19	183N 156	110W S	PLDS04MV
308	20	976		MGR E	MAGNETICS R-01	GDC 21	164N 127	55W S	PLDS04MV
315	20	976		MGR B	MAGNETICS R-02	GDC 21	173N 127	47W S	PLDS04MV
1832	22	976		MGR E	MAGNETICS R-02	GDC 29	581N 119	431W S	PLDS04MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
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DEEP TOW SURVEY - CURATOR JOHN MUDIE (EXT.2850)

1935	27	876		DTS	B MN NODULE SITE TOW 1	MPL 11	38N 140	13W S	PLDS04MV
1848	29	876		DTS	E MN NODULE SITE TOW 1	MPL 10	573N 140	47W S	PLDS04MV
2212	29	876		DTS	B MN NODULE SITE TOW 2	MPL 11	27N 140	36W S	PLDS04MV
1921	30	876		DTS	E MN NODULE SITE TOW 2	MPL 10	592N 140	51W S	PLDS04MV
2320	1	976		DTS	B MN NODULE SITE TOW 3	MPL 10	593N 140	66W S	PLDS04MV
0250	04	976		DTS	E MN NODULE SITE TOW 3	MPL 11	044N 140	070W S	PLDS04MV
0658	04	976		DTS	B MN NODULE SITE TOW 4	MPL 11	050N 140	039W S	PLDS04MV
514	5	976		DTS	E MN NODULE SITE TOW 4	MPL 11	48N 140	20W S	PLDS04MV
200	10	976		DTS	B CARB. SITE TOW 5	MPL 4	022N 135	587W S	PLDS04MV
740	13	976		DTS	E CARB. SITE TOW 5	MPL 4	10N 136	35W S	PLDS04MV

CORES - CURATOR W. RIEDEL (EXT. 4386)

2244	26	876		COBX	108BX(STA20-01)4868M	GCR 11	17N 140	68W S	PLDS04MV
1105	27	876		COBX	109BX(STA20-02)4722M	GCR 11	43N 140	28W S	PLDS04MV
55	31	876		COBX	110BX(STA20-03)4940M	GCR 11	5N 140	55W S	PLDS04MV
757	31	876		COBU	111P PLDS 4930M	GCR 11	14N 140	60W S	PLDS04MV
757	31	876		COPG	111PG PLDS 4930M	GCR 11	14N 140	60W S	PLDS04MV
1452	31	876		COBU	112P PLDS 4919M	GCR 11	12N 140	57W S	PLDS04MV
1452	31	876		COPG	112PG PLDS 4919M	GCR 11	12N 140	57W S	PLDS04MV
2122	31	876		COBX	113BX(STA20-04)4624M	GCR 11	15N 140	95W S	PLDS04MV
303	1	976		COBU	114P PLDS 4595M	GCR 10	595N 140	116W S	PLDS04MV
303	1	976		COPG	114PG PLDS 4595M	GCR 10	595N 140	116W S	PLDS04MV
950	1	976		COBX	115BX(STA20-05)4892M	GCR 10	594N 140	110W S	PLDS04MV
1505	1	976		COBX	116BX(STA20-06)4541M	GCR 10	591N 140	108W S	PLDS04MV
1210	5	976		COBX	117BX(STA20-07)4873M	GCR 11	38N 139	596W S	PLDS04MV
1730	5	976		COBX	118BX(STA20-08)4873M	GCR 11	34N 139	598W S	PLDS04MV
2358	5	976		COBU	119P PLDS 4780M	GCR 11	29N 140	33W S	PLDS04MV
2358	5	976		COPG	119PG PLDS 4780M	GCR 11	29N 140	33W S	PLDS04MV
1520	6	976		COBX	120BX(STA20-09)4759M	GCR 11	75N 140	56W S	PLDS04MV
511	7	976		COBX	121BX(STA20-10)4781M	GCR 11	59N 140	49W S	PLDS04MV
1142	7	976		COBU	122GO NO CORE 4816M	GCR 11	56N 140	49W S	PLDS04MV
647	5	976		COFF	123FF PLDS 4846M	GCR 11	29N 140	31W S	PLDS04MV
649	5	976		COFF	124FF PLDS 4835M	GCR 11	29N 140	31W S	PLDS04MV
651	5	976		COFF	125FF PLDS 4801M	GCR 11	30N 140	31W S	PLDS04MV
656	5	976		COFF	126FF PLDS 4778M	GCR 11	30N 140	30W S	PLDS04MV
658	5	976		COFF	127FF PLDS 4774M	GCR 11	31N 140	30W S	PLDS04MV
555	7	976		COFF	128FF NO CORE 4780M	GCR 11	36N 140	30W S	PLDS04MV
1050	13	976		COBX	129BX(STA21-11)4469M	GCR 4	3N 136	4W S	PLDS04MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1527	13	976		COPD	130P PLDS	4469M	GCR 4	3N 136 3W	S PLDS04MV
1527	13	976		COPG	130PG PLDS	4469M	GCR 4	3N 136 3W	S PLDS04MV
2013	13	976		COPD	131P PLDS	4473M	GCR 4	2N 136 4W	S PLDS04MV
2013	13	976		COPG	131PG PLDS	4473M	GCR 4	2N 136 4W	S PLDS04MV
435	14	976		COPD	132P PLDS	4518M	GCR 4	11N 135 584W	S PLDS04MV
435	14	976		COPG	132PG PLDS	4518M	GCR 4	11N 135 584W	S PLDS04MV
1002	14	976		COPD	133P PLDS	4469M	GCR 4	9N 135 589W	S PLDS04MV
1002	14	976		COPG	133PG PLDS	4469M	GCR 4	9N 135 589W	S PLDS04MV
2025	14	976		COPD	134P PLDS	4396M	GCR 4	45N 136 8W	S PLDS04MV
2025	14	976		COPG	134PG PLDS	4396M	GCR 4	45N 136 8W	S PLDS04MV
117	15	976		COBX	135BX(STA21-12)	4392M	GCR 4	42N 136 5W	S PLDS04MV
632	15	976		COPD	136P PLDS	4396M	GCR 4	45N 136 7W	S PLDS04MV
632	15	976		COPG	136PG PLDS	4396M	GCR 4	45N 136 7W	S PLDS04MV

ROCK DREDGE - CURATUR W. RIEDEL (EXT. 4386)

743	6	976		DRR	B PLDS 8D		GCR 11	11N 140 85W	S PLDS04MV
940	6	976		DRR	E PLDS 8D		GCR 11	11N 140 92W	S PLDS04MV

GRAB SAMPLES - CURATOR W. RIEDEL (EXT. 4386)

37	31	876		GBFF	STA20-FFG01	4940M	GCR 11	6N 140 55W	S PLDS04MV
45	31	876		GBFF	STA20-FFG02	4940M	GCR 11	5N 140 55W	S PLDS04MV
720	31	876		GBFF	STA20-FFG03 NS	4930M	GCR 11	15N 140 61W	S PLDS04MV
734	31	876		GBFF	STA20-FFG04	4930M	GCR 11	15N 140 61W	S PLDS04MV
246	1	976		GBFF	STA20-FFG05	4595M	GCR 10	594N 140 116W	S PLDS04MV
257	1	976		GBFF	STA20-FFG06	4595M	GCR 10	594N 140 116W	S PLDS04MV
815	1	976		GBFF	STA20-FFG07	4892M	GCR 10	593N 140 109W	S PLDS04MV
830	1	976		GBFF	STA20-FFG08	4892M	GCR 10	594N 140 109W	S PLDS04MV
1050	5	976		GBFF	STA20-FFG09	4873M	GCR 11	40N 139 598W	S PLDS04MV
1100	5	976		GBFF	STA20-FFG10	4873M	GCR 11	40N 139 599W	S PLDS04MV
2235	5	976		GBFF	STA20-FFG11	4780M	GCR 11	29N 140 27W	S PLDS04MV
2245	5	976		GBFF	STA20-FFG12	4780M	GCR 11	29N 140 28W	S PLDS04MV
359	7	976		GBFF	STA20-FFG13	4781M	GCR 11	57N 140 49W	S PLDS04MV
405	7	976		GBFF	STA20-FFG14	4781M	GCR 11	56N 140 49W	S PLDS04MV
232	14	976		GBFF	STA21-FFG15	4518M	GCR 4	14N 135 587W	S PLDS04MV
243	14	976		GBFF	STA21-FFG16	4518M	GCR 4	14N 135 588W	S PLDS04MV
253	14	976		GBFF	STA21-FFG17 NS	4518M	GCR 4	13N 135 588W	S PLDS04MV
303	14	976		GBFF	STA21-FFG18	4518M	GCR 4	13N 135 588W	S PLDS04MV
846	14	976		GBFF	STA21-FFG19 NS	4469M	GCR 4	9N 135 588W	S PLDS04MV
856	14	976		GBFF	STA21-FFG20	4469M	GCR 4	9N 135 588W	S PLDS04MV
929	14	976		GBFF	STA21-FFG21 NS	4469M	GCR 4	9N 135 589W	S PLDS04MV
938	14	976		GBFF	STA21-FFG22 NS	4469M	GCR 4	9N 135 589W	S PLDS04MV
1935	14	976		GBFF	STA20-FFG23 NS	4396M	GCR 4	45N 136 9W	S PLDS04MV
1945	14	976		GBFF	STA21-FFG24 NS	4396M	GCR 4	45N 136 9W	S PLDS04MV
1950	14	976		GBFF	STA21-FFG25 NS	4396M	GCR 4	45N 136 9W	S PLDS04MV
46	15	976		GBFF	STA21-FFG26 NS	4392M	GCR 4	40N 136 5W	S PLDS04MV
100	15	976		GBFF	STA21-FFG27 NS	4392M	GCR 4	41N 136 5W	S PLDS04MV

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

1437	26	876		CMAB B 2CM	CM1005 MNNOD	MPL 11	17N 140	74W S	PLDS04MV
2211	6	976		CMAB E 2CM	CM1005 MNNOD	MPL 11	21N 140	83W S	PLDS04MV
1718	26	876		CMAB B 3CM	CM1018 MNNOD	MPL 10	588N 140	85W S	PLDS04MV
1	7	976		CMAB E 3CM	CM1018 MNNOD	MPL 10	594N 140	93W S	PLDS04MV
1844	26	876		CMAB B 4CM	CM1020 MNNOD	MPL 11	11N 140	100W S	PLDS04MV
2335	6	976		CMAB E 4CM	CM1020 MNNOD	MPL 11	13N 140	105W S	PLDS04MV
311	27	876		CMAB B 6CM	CM1030 MNNOD	MPL 11	43N 140	16W S	PLDS04MV
2029	6	976		CMAB E 6CM	CM1030 MNNOD	MPL 11	44N 140	13W S	PLDS04MV
356	27	876		CMAB B 7CM	CM1023 MNNOD	MPL 11	63N 139	596W S	PLDS04MV
1856	6	976		CMAB E 7CM	CM1023 MNNOD	MPL 11	62N 139	593W S	PLDS04MV
702	27	876		CMAB X 8CM	CM1014 N.R.	MPL 11	61N 140	30W S	PLDS04MV
1704	9	976		CMAB B 1CM	CM1023 CARB	MPL 4	19N 136	2W S	PLDS04MV
1325	15	976		CMAB E 1CM	CM1023 CARB	MPL 4	24N 135	596W S	PLDS04MV
1736	9	976		CMAB B 2CM	CM1005 CARB	MPL 4	22N 136	20W S	PLDS04MV
956	15	976		CMAB E 2CM	CM1005 CARB	MPL 4	24N 136	23W S	PLDS04MV
1914	9	976		CMAB B 4CM	CM1030 CARB	MPL 3	595N 136	15W S	PLDS04MV
1519	14	976		CMAB E 4CM	CM1030 CARB	MPL 4	2N 136	46W S	PLDS04MV
56	10	976		CMAB B 5CM	CM1018 CARB	MPL 4	31N 135	582W S	PLDS04MV
1420	15	976		CMAB E 5CM	CM1018 CARB	MPL 4	34N 135	582W S	PLDS04MV

*** OCEAN BOTTOM MONITORING PACKAGE (BOM) ***

*** CURRENT MEASUREMENT ***

2023	5	976		CMAB	CM ALICE 2	LDO 11	35N 139	589W S	PLDS04MV
2315	13	976		CMAB	CM BIA 2	LDO 4	02N 136	04W S	PLDS04MV

*** CAMERA ***

2023	5	976		CAAB	CAMERA ALICE 2	LDO 11	35N 139	589W S	PLDS04MV
2315	13	976		CAAB	CAMERA BIA 2	LDO 4	02N 136	04W S	PLDS04MV

*** NEPHELOMETER ***

2023	5	976		NEAB	NEPHELS ALICE 2	LDO 11	35N 139	589W S	PLDS04MV
2315	13	976		NEAB	NEPHELS BIA 2	LDO 4	02N 136	04W S	PLDS04MV

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

0400	240876			HCNI B	STANDS.WATER	STA01 04	MNP 15 068N	148 086W	S PLDS04MV
0515	240876			HCNI E	STANDS.WATER	STA01 04	MNP 15 060N	148 080W	S PLDS04MV
1400	270876			HCNI B	TSON	STA02 11	MNP 11 040N	140 026W	S PLDS04MV
1607	270876			HCNI E	TSON	STA02 11	MNP 11 042N	140 023W	S PLDS04MV
1937	090976			HCNI B	TSON	STA03 11	MNP 03 594N	136 020W	S PLDS04MV
2115	090976			HCNI E	TSON	STA03 11	MNP 03 594N	136 027W	S PLDS04MV

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END SAMPLE INDEX.