PLEIADES EXPEDITION

LEG 3

R/V MELVILLE

INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH AND MAGNETIC DATA

Balboa, Canal Zone (15 July 1976)

to

Honolulu, Hawaii (15 August 1976)

Chief Scientist - W. Berger

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 7, 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.

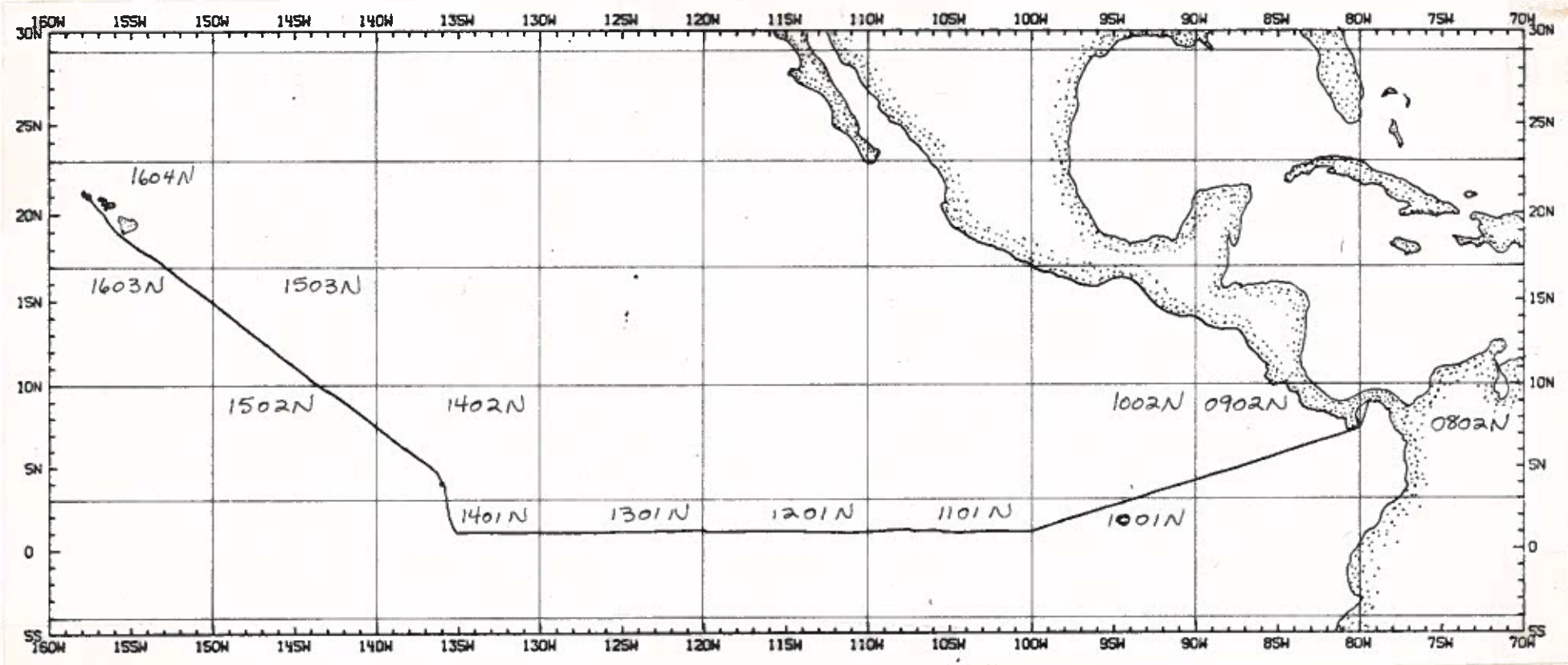
6. Microfilm or Xerox copies of:

   a. Echosounder records - 12 and 3.5 kHz frequency

   b. Subbottom profiler records (airgun)

   c. Magnetometer records

   d. Underway Data Log

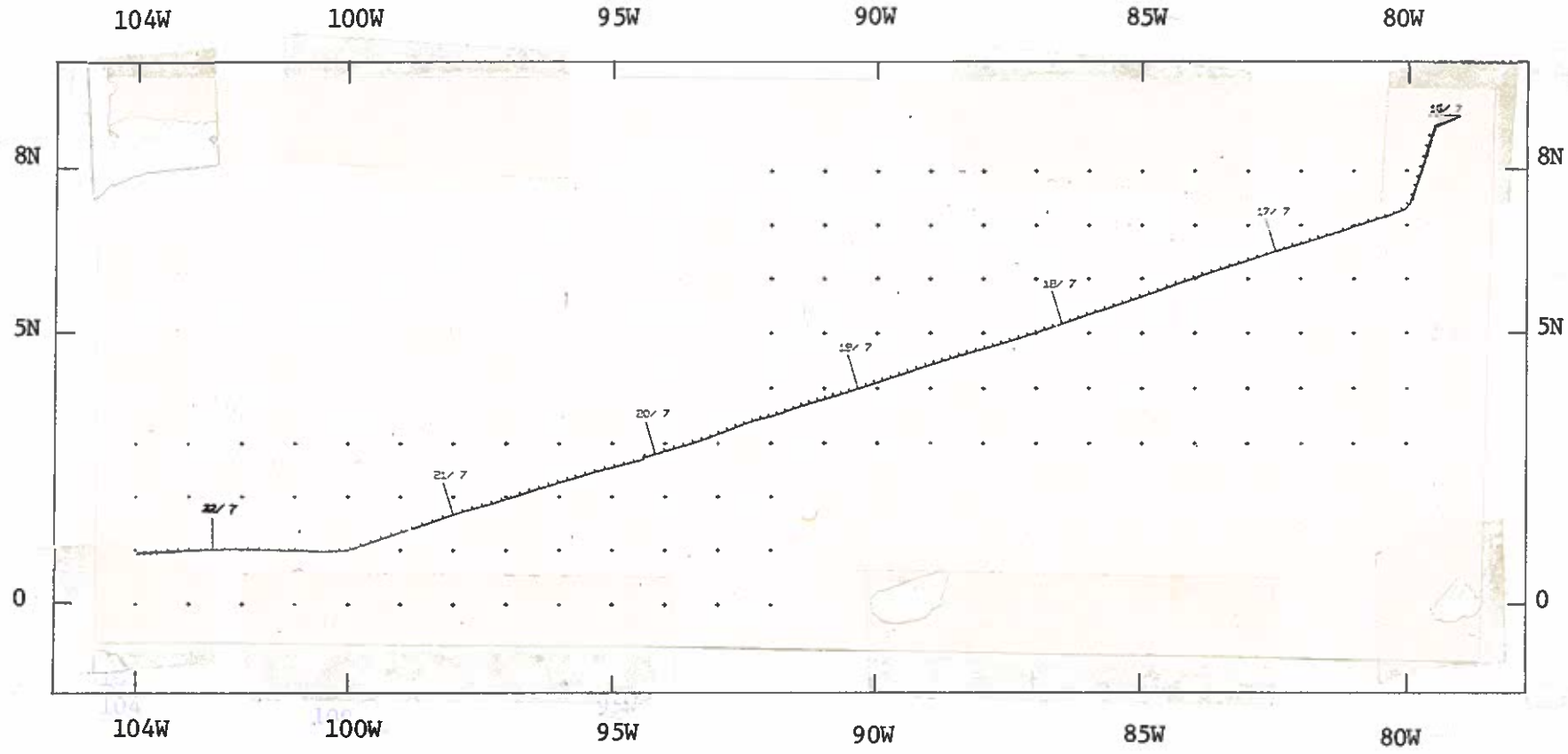


PLEIADES EXPEDITION
LEG 3

Chief Scientist: Wolfgang Berger
Ports: Balboa - Honolulu (15 July - 15 August 1976)

TOTAL MILEAGE

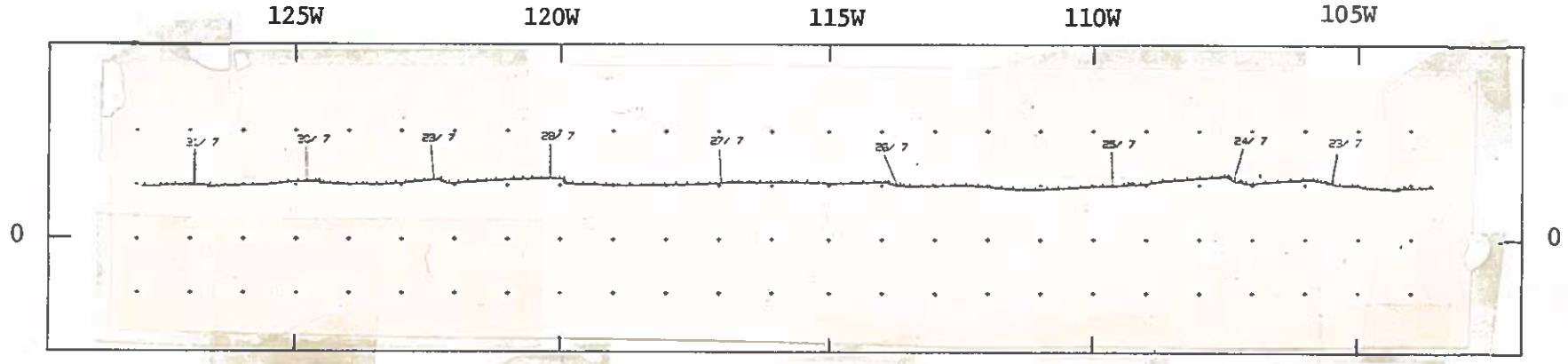
1) Cruise - 5661 miles
2) Bathymetry - 5386 miles
3) Magnetics - 5214 miles
4) Seismic Reflection - 2955 miles

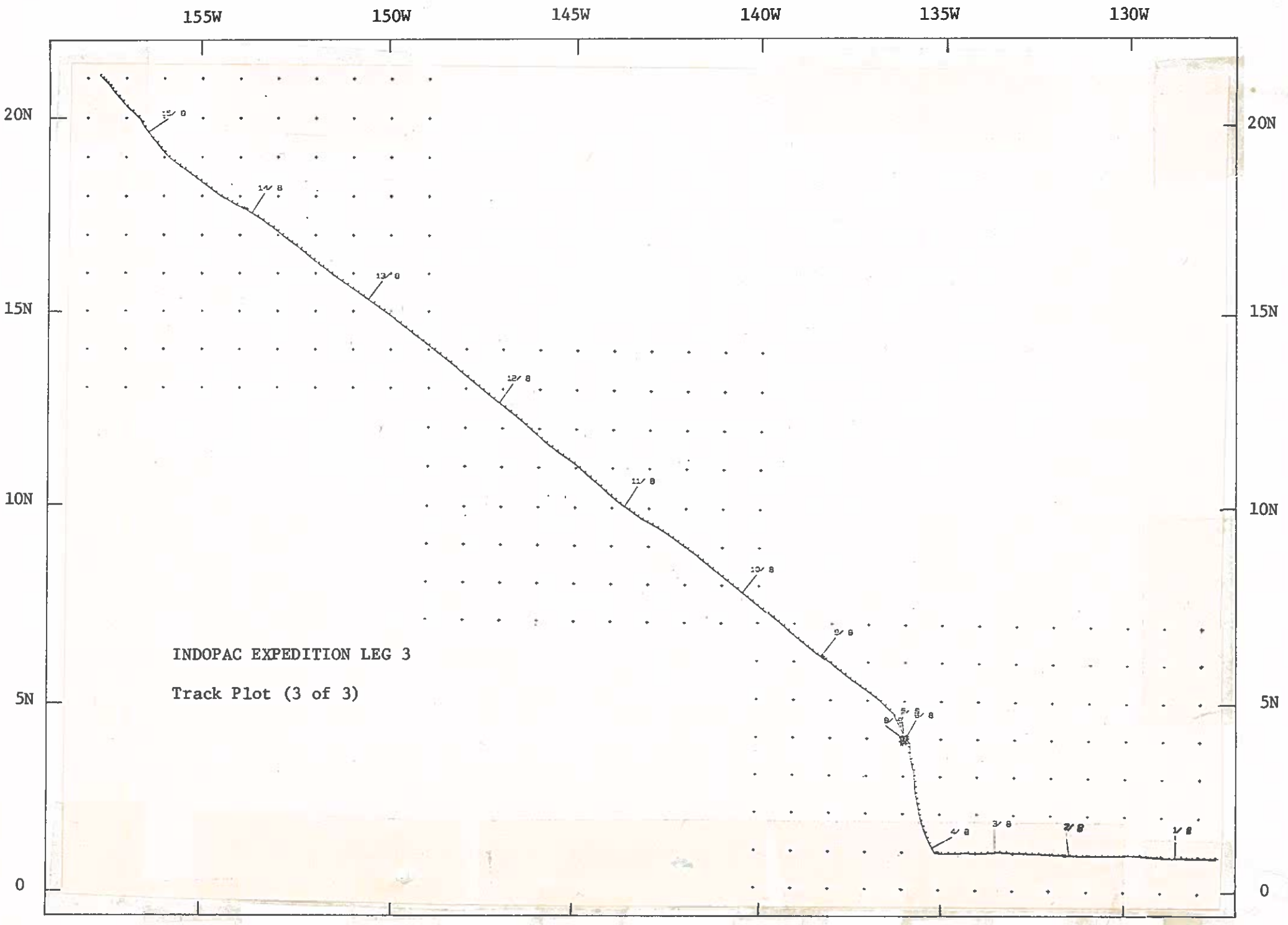


Track Plot (1 of 3)

PLEIADES EXPEDITION LEG 3

Track Plot (2 of 3)




155W
150W
145W
140W
135W
130W
20N
15N
10N
5N
0
INDOPAC EXPEDITION LEG 3
Track Plot (3 of 3)

PLEIADES LEG 3
N. MILES
0
50
100
150
200
250
300
350
400
450
500
550
600 604
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
2230 15/ 7/76
0 0 17/ 7/76
850 18/ 7/76

PLEIADES LEG 3
N. MILES
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200:204
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
4 44·2 -87-53·1
825 18/ 7/76
0 0 19/ 7/76
2 44·4 -94-25·0
0 0 20/ 7/76
2 19·7 -95-46·3
2055 20/ 7/76
1 49·6 -97-26·3

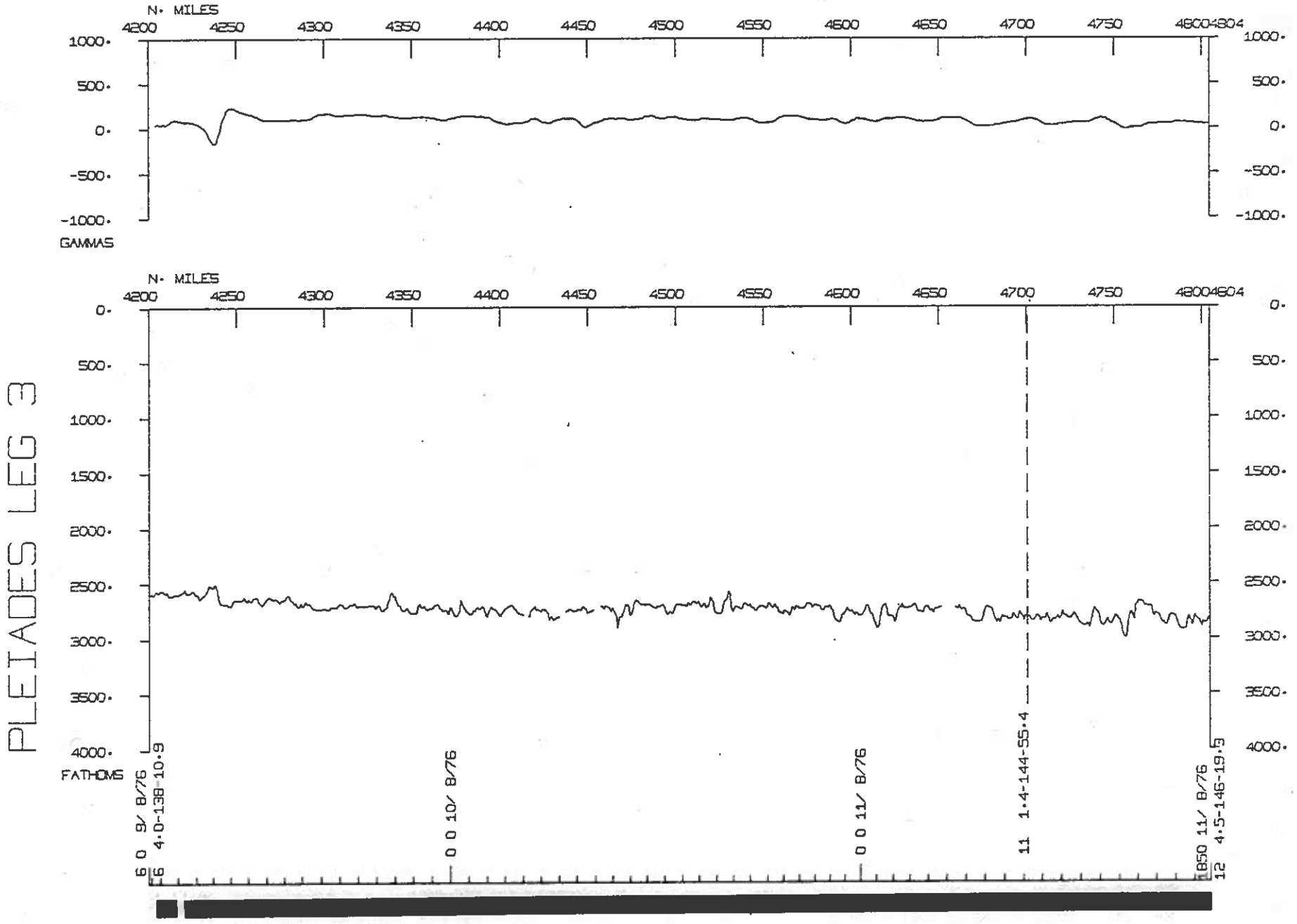
PLEIADES LEG 3
N. MILES
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1803
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
2035 20/ 7/76
1 50.6 -97-22.6
0 0 21/ 7/76
0 59.0-101 -3.9
0 0 22/ 7/76
0 55.8-104-10.4
0 55.9-104-11.9
0 23/ 7/76 29.4
#530 23/ 7/76
1 1.8-107 -3.0

PLEIADES LEG 3
N. MILES
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
2404
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
1500.
2000.
2500.
3000.
3500.
4000.
1 0 23/ 7/76
1 2·6-105-58·6
1 2·9-107-11·2
0 0 846-1076 24·8
1 0·3-109-15·4
0 0 25/ 7/76
0 0 21-113-39·5
0 0 25/ 7/76
1 3·0-113-53·9
0 0 27/ 7/76
1 2·6-116-58·0

PLEIADES LEG 3
N. MILES
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3004
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
1500.
2000.
2500.
3000.
3500.
4000.
1 2.0-119-54.9
0 0 28/ 7/76
1 4.2-122-15.6
0 0 29/ 7/76
1 1.9-124-33.6
0 0 30/ 7/76

PLEIADES LEG 3
N. MILES
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3600804
1000.
500.
0.
-500.
-1000.
GAMMAS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
1110 30/ 7/76
0 57.6-126-39.1
0 0 31/ 7/76
0 59.0-127-32.4
0 58.3-128-28.9
0 0 1/ 8/76
1 0.0-129-59.1
0 58.6-131-39.5
0 57.9-132-30.4
1 1.8-133-28.8
0 0 3/ 8/76
0 58.3-135 -1.0
0 0 4/ 8/76
535 4/ 8/76
1 54.6-135-32.9

PLEIADES LEG 3


PLEIADES LEG 3
N. MILES
4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4804
1000. 500. 0. -500. -1000.
GAMMAS
N. MILES
4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4804
0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
FATHOMS
6 0 9/ 8/76
6 4.0-138-10.9
0 0 10/ 8/76
0 0 11/ 8/76
11 1.4-144-55.4
850 11/ 8/76
12 4.5-146-19.5

PLEIADES LEG 3
N. MILES
4800
4850
4900
5000
5050
5100
5150
5200
5250
5300
5350
5400
5405404
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
1830 11/ 8/76
2 2-2-146-16.6
0 0 12/ 8/76
0 0 13/ 8/76
0 0 14/ 8/76
940 14/ 8/76
17 9.1-153 -5.3
18 3.6-154-35.5

PLEIADES LEG 3
N. MILES
5400
5450
5500
5550
5600
5650
1000.
500.
0.
-500.
-1000.
GAMMAS
FATHOMS
4000.
3500.
3000.
2500.
2000.
1500.
1000.
500.
0.
910 14/ 8/76
0 0 15/ 8/76
1425 15/ 8/76

PLEIADES EXPEDITION LEG 3 SAMPLE INDEX

*** PORTS ***

2000	15	776	LGPT	B	BALBOA CANAL ZONE	5 570N	79 330W	F PLDS03MV
1700	15	876	LGPT	E	HONOLULU HAWAII	21 190N	157 525W	F PLDS03MV

PERSONNEL

PECS	BERGER W.	GRD	PLDS03MV
PECT	CHARTERS J.	MTG	PLDS03MV
PEAT	HUBENKA F.	MTG	PLDS03MV
PERT	HAUSMAN M.	MTG	PLDS03MV
PE	ADELSECK C.	SIO	PLDS03MV
PE	BAKER P.	SIO	PLDS03MV
PEXN	BOLTOVSKOY D.	SIO	PLDS03MV
PE	BRYANT P.	SIX	PLDS03MV
PE	BUTLER A.	SIO	PLDS03MV
PE	CARLE M.	MIT	PLDS03MV
PE	CROWE J.	WHO	PLDS03MV
PE	DUNBAR R.	SIO	PLDS03MV
PE	DIXON F.	WHO	PLDS03MV
PE	EKDALE A.	SIX	PLDS03MV
PE	HOLMES G.	SIO	PLDS03MV
PE	JONES W.	CDJ	PLDS03MV
PEXN	KOCHER R.	SIO	PLDS03MV
PE	LEE H.	SIO	PLDS03MV
PE	MAYER L.	SIO	PLDS03MV
PE	MOORE M.	SIO	PLDS03MV
PE	RIPLEY D.	GRD	PLDS03MV
PE	SACHS N.	SIO	PLDS03MV
PE	TIBBETTS J.	SIO	PLDS03MV
PE	WALAWENDER S.	SIO	PLDS03MV
PE	WALSH T.	GRD	PLDS03MV
PEXN	WEISSERT H.	SIO	PLDS03MV
PE	WILSON G.	SIO	PLDS03MV
PE	ZAMPOL J.	SIO	PLDS03MV

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

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

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** LOG BOOKS ***									
530	16	776			LBUW B GEOPHYSICAL LOG	GDC	7 495N	79 475W	S PLDS03MV
1000	15	876			LBUW E GEOPHYSICAL LOG	GDC	20 485N	157 268W	S PLDS03MV
*** NAVIGATION PLOTS ***									
2211	15	776			NVCP B DR PLOT 03-01	GDC	8 525N	79 358W	S PLDS03MV
2045	17	776			NVCP E DR PLOT 03-01	GDC	5 205N	85 598W	S PLDS03MV
2054	17	776			NVCP B DR PLOT 03-02	GDC	5 200N	86 13W	S PLDS03MV
1715	19	776			NVCP E DR PLOT 03-02	GDC	3 100N	93 11W	S PLDS03MV
1727	19	776			NVCP B DR PLOT 03-03	GDC	3 93N	93 29W	S PLDS03MV
1130	21	776			NVCP E DR PLOT 03-03	GDC	0 587N	100 157W	S PLDS03MV
1156	21	776			NVCP B DR PLOT 03-04	GDC	0 584N	100 197W	S PLDS03MV
1845	23	776			NVCP E DR PLOT 03-04	GDC	1 35N	107 130W	S PLDS03MV
1852	23	776			NVCP B DR PLOT 03-05	GDC	1 35N	107 131W	S PLDS03MV
628	26	776			NVCP E DR PLOT 03-05	GDC	1 26N	113 532W	S PLDS03MV
726	26	776			NVCP B DR PLOT 03-06	GDC	1 28N	113 535W	S PLDS03MV
2300	27	776			NVCP E DR PLOT 03-06	GDC	1 70N	120 3W	S PLDS03MV
2320	27	776			NVCP B DR PLOT 03-07	GDC	1 71N	120 39W	S PLDS03MV
715	30	776			NVCP E DR PLOT 03-07	GDC	0 588N	126 9W	S PLDS03MV
800	30	776			NVCP B DR PLOT 03-08	GDC	0 585N	126 81W	S PLDS03MV
1630	2	876			NVCP E DR PLOT 03-08	GDC	1 11N	132 554W	S PLDS03MV
1648	2	876			NVCP B DR PLOT 03-09	GDC	1 12N	132 586W	S PLDS03MV
1830	4	876			NVCP E DR PLOT 03-09	GDC	3 523N	135 503W	S PLDS03MV
2300	8	876			NVCP B DR PLOT 03-10	GDC	6 97N	138 168W	S PLDS03MV
1900	10	876			NVCP E DR PLOT 03-10	GDC	9 384N	143 14W	S PLDS03MV
1915	10	876			NVCP B DR PLOT 03-11	GDC	9 395N	143 34W	S PLDS03MV
2000	12	876			NVCP E DR PLOT 03-11	GDC	14 549N	150 33W	S PLDS03MV
2028	12	876			NVCP B DR PLOT 03-12	GDC	14 578N	150 74W	S PLDS03MV
900	15	876			NVCP E DR PLOT 03-12	GDC	20 442N	157 238W	S PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** MAGNETOMETER ***									
520	16	776		MGR B	MAGNETICS R-01	GDC	7 513N	79 469W S	PLDS03MV
1153	1	876		MGR E	MAGNETICS R-01	GDC	0 590N	130 71W S	PLDS03MV
1158	1	876		MGR B	MAGNETICS R-02	GDC	0 590N	130 78W S	PLDS03MV
955	15	876		MGR E	MAGNETICS R-02	GDC	20 481N	157 265W S	PLDS03MV
*** SEISMIC REFLECTION PROFILES ***									
1830	21	776		SPRF B	AIRGUN R-01	GDC	0 596N	101 225W S	PLDS03MV
315	12	876		SPRF E	AIRGUN R-01	GDC	12 594N	147 335W S	PLDS03MV
1830	21	776		SPRS B	AIRGUN R-01	GDC	0 596N	101 225W S	PLDS03MV
315	12	876		SPRS E	AIRGUN R-01	GDC	12 594N	147 335W S	PLDS03MV
***FATHOGRAMS ***									
530	16	776		DPR3 B	GDR 3.5KHZ R-01	GDC	7 495N	79 475W S	PLDS03MV
137	18	776		DPR3 E	GDR 3.5KHZ R-01	GDC	5 49N	86 468W S	PLDS03MV
150	18	776		DPR3 B	GDR 3.5KHZ R-02	GDC	5 42N	86 489W S	PLDS03MV
1233	20	776		DPR3 E	GDR 3.5KHZ R-02	GDC	2 169N	95 564W S	PLDS03MV
1248	20	776		DPR3 B	GDR 3.5KHZ R-03	GDC	2 161N	95 592W S	PLDS03MV
1212	22	776		DPR3 E	GDR 3.5KHZ R-03	GDC	0 566N	104 73W S	PLDS03MV
1213	22	776		DPR3 B	GDR 3.5KHZ R-04	GDC	0 565N	104 74W S	PLDS03MV
211	23	776		DPR3 E	GDR 3.5KHZ R-04	GDC	1 22N	105 303W S	PLDS03MV
223	23	776		DPR3 B	GDR 3.5KHZ R-05	GDC	1 22N	105 309W S	PLDS03MV
2042	23	776		DPR3 E	GDR 3.5KHZ R-05	GDC	1 40N	107 149W S	PLDS03MV
2330	23	776		DPR3 B	GDR 3.5KHZ R-06	GDC	1 45N	107 204W S	PLDS03MV
1200	24	776		DPR3 E	GDR 3.5KHZ R-06	GDC	1 44N	108 411W S	PLDS03MV
1213	24	776		DPR3 B	GDR 3.5KHZ R-07	GDC	1 41N	108 438W S	PLDS03MV
1830	24	776		DPR3 E	GDR 3.5KHZ R-07	GDC	1 11N	109 158W S	PLDS03MV
2245	24	776		DPR3 B	GDR 3.5KHZ R-08	GDC	0 600N	109 224W S	PLDS03MV
2246	25	776		DPR3 E	GDR 3.5KHZ R-08	GDC	0 596N	113 407W S	PLDS03MV
2246	25	776		DPR3 B	GDR 3.5KHZ R-09	GDC	0 596N	113 407W S	PLDS03MV
521	26	776		DPR3 E	GDR 3.5KHZ R-09	GDC	1 23N	113 522W S	PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
758	26	776		DPR3 B	GDR 3.5KHZ R-10	GDC	1 29N	113 537W	S PLDS03MV
922	27	776		DPR3 E	GDR 3.5KHZ R-10	GDC	0 598N	118 590W	S PLDS03MV
923	27	776		DPR3 B	GDR 3.5KHZ R-11	GDC	0 598N	118 592W	S PLDS03MV
1816	27	776		DPR3 E	GDR 3.5KHZ R-11	GDC	1 37N	119 548W	S PLDS03MV
2153	27	776		DPR3 B	GDR 3.5KHZ R-12	GDC	1 58N	119 556W	S PLDS03MV
1828	28	776		DPR3 E	GDR 3.5KHZ R-12	GDC	1 46N	122 149W	S PLDS03MV
2145	28	776		DPR3 B	GDR 3.5KHZ R-13	GDC	1 53N	122 152W	S PLDS03MV
156	29	776		DPR3 E	GDR 3.5KHZ R-13	GDC	1 36N	122 435W	S PLDS03MV
157	29	776		DPR3 B	GDR 3.5KHZ R-14	GDC	1 36N	122 437W	S PLDS03MV
721	29	776		DPR3 E	GDR 3.5KHZ R-14	GDC	1 5N	123 418W	S PLDS03MV
809	29	776		DPR3 B	GDR 3.5KHZ R-15	GDC	1 4N	123 440W	S PLDS03MV
1800	29	776		DPR3 E	GDR 3.5KHZ R-15	GDC	1 18N	124 323W	S PLDS03MV
2108	29	776		DPR3 B	GDR 3.5KHZ R-16	GDC	1 28N	124 332W	S PLDS03MV
1800	30	776		DPR3 E	GDR 3.5KHZ R-16	GDC	0 569N	126 372W	S PLDS03MV
2055	30	776		DPR3 B	GDR 3.5KHZ R-17	GDC	0 582N	126 368W	S PLDS03MV
332	31	776		DPR3 E	GDR 3.5KHZ R-17	GDC	0 589N	127 307W	S PLDS03MV
850	31	776		DPR3 B	GDR 3.5KHZ R-18	GDC	0 575N	127 389W	S PLDS03MV
1435	31	776		DPR3 E	GDR 3.5KHZ R-18	GDC	0 583N	128 290W	S PLDS03MV
2053	31	776		DPR3 B	GDR 3.5KHZ R-19	GDC	0 573N	128 249W	S PLDS03MV
807	1	876		DPR3 E	GDR 3.5KHZ R-19	GDC	0 600N	129 551W	S PLDS03MV
1040	1	876		DPR3 B	GDR 3.5KHZ R-20	GDC	0 591N	130 1W	S PLDS03MV
40	2	876		DPR3 E	GDR 3.5KHZ R-20	GDC	0 578N	131 321W	S PLDS03MV
308	2	876		DPR3 B	GDR 3.5KHZ R-21	GDC	0 575N	131 351W	S PLDS03MV
1936	2	876		DPR3 E	GDR 3.5KHZ R-21	GDC	1 18N	133 277W	S PLDS03MV
2312	2	876		DPR3 B	GDR 3.5KHZ R-22	GDC	1 12N	133 292W	S PLDS03MV
1846	3	876		DPR3 E	GDR 3.5KHZ R-22	GDC	0 585N	135 49W	S PLDS03MV
2041	3	876		DPR3 B	GDR 3.5KHZ R-23	GDC	0 584N	135 53W	S PLDS03MV
2311	3	876		DPR3 E	GDR 3.5KHZ R-23	GDC	1 10N	135 87W	S PLDS03MV
2312	3	876		DPR3 B	GDR 3.5KHZ R-24	GDC	1 11N	135 88W	S PLDS03MV
1835	4	876		DPR3 E	GDR 3.5KHZ R-24	GDC	3 530N	135 504W	S PLDS03MV
1836	4	876		DPR3 B	GDR 3.5KHZ R-25	GDC	3 531N	135 504W	S PLDS03MV
1530	5	876		DPR3 E	GDR 3.5KHZ R-25	GDC	3 580N	136 0W	S PLDS03MV
1839	5	876		DPR3 B	GDR 3.5KHZ R-26	GDC	3 575N	136 3W	S PLDS03MV
1139	6	876		DPR3 E	GDR 3.5KHZ R-26	GDC	4 43N	136 20W	S PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1638	6 876			DPR3 B	GDR 3.5KHZ R-27	GDC	4 8N	136 57W	S PLDS03MV
2228	6 876			DPR3 E	GDR 3.5KHZ R-27	GDC	3 567N	135 575W	S PLDS03MV
357	7 876			DPR3 B	GDR 3.5KHZ R-28	GDC	3 540N	136 21W	S PLDS03MV
1658	7 876			DPR3 E	GDR 3.5KHZ R-28	GDC	4 2N	136 48W	S PLDS03MV
1658	7 876			DPR3 B	GDR 3.5KHZ R-29	GDC	4 2N	136 48W	S PLDS03MV
1810	7 876			DPR3 E	GDR 3.5KHZ R-29	GDC	4 34N	135 573W	S PLDS03MV
13	8 876			DPR3 B	GDR 3.5KHZ R-30	GDC	3 590N	136 0W	S PLDS03MV
547	8 876			DPR3 E	GDR 3.5KHZ R-30	GDC	4 359N	136 165W	S PLDS03MV
548	8 876			DPR3 B	GDR 3.5KHZ R-31	GDC	4 360N	136 166W	S PLDS03MV
856	10 876			DPR3 E	GDR 3.5KHZ R-31	GDC	8 449N	141 387W	S PLDS03MV
857	10 876			DPR3 B	GDR 3.5KHZ R-32	GDC	8 450N	141 388W	S PLDS03MV
440	13 876			DPR3 E	GDR 3.5KHZ R-32	GDC	15 458N	151 157W	S PLDS03MV
442	13 876			DPR3 B	GDR 3.5KHZ R-33	GDC	15 460N	151 160W	S PLDS03MV
958	15 876			DPR3 E	GDR 3.5KHZ R-33	GDC	20 484N	157 267W	S PLDS03MV

CORES - CURATOR W. RIEDEL (EXT. 4386)

1602	21 776			COG	PLDS 65G	3329	GCR	0 588N	101 41W	S PLDS03MV
1034	22 776			COBX	PLDS 66BX	3462	GCR	0 566N	104 60W	S PLDS03MV
1458	22 776			COP	PLDS 67PV	3588	GCR	0 554N	104 121W	S PLDS03MV
1458	22 776			COPG	PLDS 67GV	3588	GCR	0 554N	104 121W	S PLDS03MV
57	23 776			COBX	PLDS 68BX	3658	GCR	1 17N	105 299W	S PLDS03MV
442	23 776			COP	PLDS 69PV	3526	GCR	1 21N	105 351W	S PLDS03MV
442	23 776			COPG	PLDS 69PG	3526	GCR	1 21N	105 351W	S PLDS03MV
1842	23 776			COBX	PLDS 70BX	3694	GCR	1 35N	107 129W	S PLDS03MV
2257	23 776		X	COP	PLDS 71PV N.C.		GCR	1 43N	107 202W	S PLDS03MV
2257	23 776			COPG	PLDS 71PG	3636	GCR	1 43N	107 202W	S PLDS03MV
1659	24 776			COBX	PLDS 72BX	3626	GCR	1 7N	109 156W	S PLDS03MV
2037	24 776			COP	PLDS 73PV	3671	GCR	1 4N	109 189W	S PLDS03MV
2037	24 776			COPG	PLDS 73PG	3671	GCR	1 4N	109 189W	S PLDS03MV
2115	25 776			COBX	PLDS 74BX	3945	GCR	1 1N	113 395W	S PLDS03MV
50	26 776			COP	PLDS 75PV	3971	GCR	0 594N	113 423W	S PLDS03MV
50	26 776			COPG	PLDS 75PG	3971	GCR	0 594N	113 423W	S PLDS03MV
702	26 776			COP	PLDS 76PV	3948	GCR	1 27N	113 534W	S PLDS03MV
702	26 776			COPG	PLDS 76PG	3948	GCR	1 27N	113 534W	S PLDS03MV
1625	27 776			COBX	PLDS 77BX	4366	GCR	1 36N	119 558W	S PLDS03MV
2035	27 776			COP	PLDS 78PV	4099	GCR	1 48N	119 555W	S PLDS03MV
2035	27 776			COPG	PLDS 78PG	4099	GCR	1 48N	119 555W	S PLDS03MV
1559	28 776			COBX	PLDS 79BX	4542	GCR	1 45N	122 149W	S PLDS03MV
2040	28 776			COP	PLDS 80PV	4562	GCR	1 50N	122 152W	S PLDS03MV
2040	28 776			COPG	PLDS 80PG	4562	GCR	1 50N	122 152W	S PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE		SAMPLE IDENT.		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1556	29 776			COBX	PLDS	81BX	4773	GCR	1 17N	124 323W S	PLDS03MV
2020	29 776			COP	PLDS	82PV	4701	GCR	1 27N	124 330W S	PLDS03MV
2020	29 776			COPG	PLDS	82PG	4701	GCR	1 27N	124 330W S	PLDS03MV
1543	30 776			COBX	PLDS	83BX	4531	GCR	0 566N	126 377W S	PLDS03MV
1959	30 776			COP	PLDS	84PV	4492	GCR	0 577N	126 373W S	PLDS03MV
1959	30 776			COPG	PLDS	84PG	4492	GCR	0 577N	126 373W S	PLDS03MV
1619	31 776			COBX	PLDS	85BX	4385	GCR	0 583N	128 277W S	PLDS03MV
2020	31 776			COP	PLDS	86PV	4374	GCR	0 574N	128 251W S	PLDS03MV
2020	31 776			COPG	PLDS	86PG	4374	GCR	0 574N	128 251W S	PLDS03MV
2219	1 876			COBX	PLDS	87BX	4167	GCR	0 579N	131 302W S	PLDS03MV
231	2 876			COP	PLDS	88PV	4451	GCR	0 574N	131 347W S	PLDS03MV
231	2 876			COPG	PLDS	88PG	4451	GCR	0 574N	131 347W S	PLDS03MV
654	2 876			COBX	PLDS	89BX	4406	GCR	0 582N	131 394W S	PLDS03MV
1625	3 876			COBX	PLDS	90BX	4296	GCR	0 591N	135 48W S	PLDS03MV
2019	3 876			COP	PLDS	91PV	4298	GCR	0 585N	135 53W S	PLDS03MV
2019	3 876			COPG	PLDS	91PG	4298	GCR	0 585N	135 53W S	PLDS03MV
2130	5 876			COBX	PLDS	92BX	4519	GCR	3 571N	135 586W S	PLDS03MV
134	6 876			COP	PLDS	93PV	4527	GCR	3 570N	135 587W S	PLDS03MV
134	6 876			COPG	PLDS	93PG	4527	GCR	3 570N	135 587W S	PLDS03MV
546	6 876			COFF	PLDS	94FF	4445	GCR	4 13N	135 571W S	PLDS03MV
601	6 876			COFF	PLDS	95FF	4437	GCR	4 13N	135 583W S	PLDS03MV
613	6 876			COFF	PLDS	96FF	4449	GCR	4 13N	135 593W S	PLDS03MV
619	6 876			COFF	PLDS	97FF	4526	GCR	4 13N	135 598W S	PLDS03MV
629	6 876			COFF	PLDS	98FF	4496	GCR	4 13N	136 7W S	PLDS03MV
1941	6 876			COP	PLDS	99PV	4449	GCR	4 19N	135 565W S	PLDS03MV
1941	6 876			COPG	PLDS	99PG	4449	GCR	4 19N	135 565W S	PLDS03MV
718	7 876			COFF	PLDS	100FF	4441	GCR	4 11N	135 577W S	PLDS03MV
720	7 876			COFF	PLDS	101FF	4463	GCR	4 10N	135 579W S	PLDS03MV
723	7 876			COFF	PLDS	102FF	4534	GCR	4 10N	135 582W S	PLDS03MV
726	7 876			COFF	PLDS	103FF	4499	GCR	4 9N	135 584W S	PLDS03MV
728	7 876			COFF	PLDS	104FF	4484	GCR	4 9N	135 586W S	PLDS03MV
732	7 876			COFF	PLDS	105FF	4486	GCR	4 8N	135 590W S	PLDS03MV
734	7 876			COFF X	PLDS	106FFLOST		GCR	4 7N	135 591W S	PLDS03MV
2343	8 876			COBX	PLDS	107BX	4850	GCR	6 94N	138 165W S	PLDS03MV
*** HEAT FLOW ***											
1458	22 776			HFCB	PLDS	03 01HF	3588	WHO	0 554N	104 121W S	PLDS03MV
442	23 776			HFCB	PLDS	03 02HF	3526	WHO	1 21N	105 351W S	PLDS03MV
2257	23 776			HFCB	PLDS	03 03HF	3636	WHO	1 43N	107 202W S	PLDS03MV
2037	24 776			HFCB	PLDS	03 04HF	3671	WHO	1 4N	109 189W S	PLDS03MV
50	26 776			HFCB	PLDS	03 05HF	3971	WHO	0 594N	113 423W S	PLDS03MV
702	26 776			HFCB	PLDS	03 05HF	3948	WHO	1 27N	113 534W S	PLDS03MV
2035	27 776			HFCB	PLDS	03 07HF	4099	WHO	1 48N	119 555W S	PLDS03MV
2040	28 776			HFCB	PLDS	03 08HF	4562	WHO	1 50N	122 152W S	PLDS03MV
2020	29 776			HFCB	PLDS	03 09HF	4701	WHO	1 27N	124 330W S	PLDS03MV
1959	30 776			HFCB	PLDS	03 10HF	4492	WHO	0 577N	126 373W S	PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
410	31 776			HF4M B	PLDS 03 11HFM	4538	WHO	0 590N	127 324W	S PLDS03MV
705	31 776			HF4M E	PLDS 03 11HFM	4449	WHO	0 577N	127 331W	S PLDS03MV
2020	31 776			HFCB	PLDS 03 12HF	4374	WHO	0 574N	128 251W	S PLDS03MV
819	1 876			HF4M B	PLDS 03 13HFM	4565	WHO	0 600N	129 567W	S PLDS03MV
957	1 876			HF4M E	PLDS 03 13HFM	4343	WHO	0 592N	129 586W	S PLDS03MV
231	2 876			HFCB	PLDS 03 14HF	4451	WHO	0 574N	131 347W	S PLDS03MV
1955	2 876			HF4M B	PLDS 03 15HFM	4488	WHO	1 18N	133 288W	S PLDS03MV
2250	2 876			HF4M E	PLDS 03 15HFM	4468	WHO	1 12N	133 289W	S PLDS03MV
2019	3 876			HFCB	PLDS 03 16HF	4298	WHO	0 585N	135 53W	S PLDS03MV
1602	5 876			HF4M B	PLDS 03 17HFM	4494	WHO	3 591N	135 593W	S PLDS03MV
1744	5 876			HF4M E	PLDS 03 17HFM	4498	WHO	3 584N	135 599W	S PLDS03MV
134	6 876			HFCB	PLDS 03 18HF	4527	WHO	3 570N	135 587W	S PLDS03MV
1334	6 876			HF4M B	PLDS 03 19HFM	4470	WHO	4 29N	136 35W	S PLDS03MV
1526	6 876			HF4M E	PLDS 03 19HFM	4472	WHO	4 7N	136 49W	S PLDS03MV
1941	6 876			HFCB	PLDS 03 20HF	4449	WHO	4 19N	135 565W	S PLDS03MV
2235	6 876			HF4M B	PLDS 03 21HFM	4527	WHO	3 566N	135 577W	S PLDS03MV
338	7 876			HF4M E	PLDS 03 21HFM	4474	WHO	3 541N	136 24W	S PLDS03MV
1822	7 876			HF4M B	PLDS 03 22HFM	4463	WHO	4 33N	135 572W	S PLDS03MV
2219	7 876			HF4M E	PLDS 03 22HFM	4459	WHO	4 6N	135 592W	S PLDS03MV
*** MIDWATER TRAWL ***										
145	20 776			TMIK B	PLDS 03 TRAWL NO.01		CDJ	2 447N	94 248W	S PLDS03MV
345	20 776			TMIK E	PLDS 03 TRAWL NO.01		CDJ	2 423N	94 233W	S PLDS03MV
700	23 776			TMIK B	PLDS 03 TRAWL NO.02		CDJ	1 35N	105 377W	S PLDS03MV
930	23 776			TMIK E	PLDS 03 TRAWL NO.02		CDJ	1 53N	105 481W	S PLDS03MV
230	26 776			TMIK B	PLDS 03 TRAWL NO.03		CDJ	0 597N	113 432W	S PLDS03MV
515	26 776			TMIK E	PLDS 03 TRAWL NO.03		CDJ	1 23N	113 520W	S PLDS03MV
1130	28 776			TMIK B	PLDS 03 TRAWL NO.04		CDJ	1 15N	122 83W	S PLDS03MV
1345	28 776			TMIK E	PLDS 03 TRAWL NO.04		CDJ	1 39N	122 146W	S PLDS03MV
1115	30 776			TMIK B	PLDS 03 TRAWL NO.05		CDJ	0 576N	126 392W	S PLDS03MV
1330	30 776			TMIK E	PLDS 03 TRAWL NO.05		CDJ	0 554N	126 389W	S PLDS03MV
830	7 876			TMIK B	PLDS 03 TRAWL NO.06		CDJ	4 4N	135 581W	S PLDS03MV
1100	7 876			TMIK E	PLDS 03 TRAWL NO.06		CDJ	4 4N	136 16W	S PLDS03MV
*** PLANKTON PUMP *** WOLFGANG H. BERGER (EXT. 2750)										
0	16 776			PP	NO. OF SAMPLES = 2		WHB	8 485N	79 290W	S PLDS03MV
0	17 776			PP	NO. OF SAMPLES = 5		WHB	6 309N	82 291W	S PLDS03MV
0	18 776			PP	NO. OF SAMPLES = 6		WHB	5 100N	86 310W	S PLDS03MV
0	19 776			PP	NO. OF SAMPLES = 6		WHB	3 593N	90 222W	S PLDS03MV
0	20 776			PP	NO. OF SAMPLES = 7		WHB	2 481N	94 113W	S PLDS03MV
0	21 776			PP	NO. OF SAMPLES = 5		WHB	1 398N	98 2W	S PLDS03MV
0	22 776			PP	NO. OF SAMPLES = 6		WHB	0 600N	102 334W	S PLDS03MV
0	23 776			PP	NO. OF SAMPLES = 5		WHB	1 13N	105 294W	S PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0	24	776		PP	NO. OF SAMPLES = 5	WHB	1 47N	107 206W	S PLDS03MV
0	25	776		PP	NO. OF SAMPLES = 5	WHB	0 594N	109 380W	S PLDS03MV
0	26	776		PP	NO. OF SAMPLES = 6	WHB	0 594N	113 423W	S PLDS03MV
0	27	776		PP	NO. OF SAMPLES = 6	WHB	1 27N	116 569W	S PLDS03MV
0	28	776		PP	NO. OF SAMPLES = 6	WHB	1 74N	120 108W	S PLDS03MV
0	29	776		PP	NO. OF SAMPLES = 6	WHB	1 54N	122 230W	S PLDS03MV
0	30	776		PP	NO. OF SAMPLES = 4	WHB	1 34N	124 472W	S PLDS03MV
0	31	776		PP	NO. OF SAMPLES = 6	WHB	0 594N	126 555W	S PLDS03MV
0	1	876		PP	NO. OF SAMPLES = 6	WHB	0 573N	128 383W	S PLDS03MV
0	2	876		PP	NO. OF SAMPLES = 5	WHB	0 583N	131 302W	S PLDS03MV
0	3	876		PP	NO. OF SAMPLES = 5	WHB	1 11N	133 307W	S PLDS03MV
0	4	876		PP	NO. OF SAMPLES = 6	WHB	1 74N	135 124W	S PLDS03MV
0	5	876		PP	NO. OF SAMPLES = 4	WHB	3 584N	136 18W	S PLDS03MV
0	6	876		PP	NO. OF SAMPLES = 4	WHB	3 568N	135 597W	S PLDS03MV
0	7	876		PP	NO. OF SAMPLES = 5	WHB	3 560N	135 596W	S PLDS03MV
0	8	876		PP	NO. OF SAMPLES = 5	WHB	3 591N	136 1W	S PLDS03MV
0	9	876		PP	NO. OF SAMPLES = 5	WHB	6 93N	138 164W	S PLDS03MV
0	10	876		PP	NO. OF SAMPLES = 5	WHB	7 485N	140 256W	S PLDS03MV
0	11	876		PP	NO. OF SAMPLES = 6	WHB	10 21N	143 390W	S PLDS03MV
0	12	876		PP	NO. OF SAMPLES = 4	WHB	12 385N	147 48W	S PLDS03MV
0	13	876		PP	NO. OF SAMPLES = 5	WHB	15 183N	150 365W	S PLDS03MV
0	14	876		PP	NO. OF SAMPLES = 5	WHB	17 333N	153 411W	S PLDS03MV

*** OPEN NET *** WOLFGANG H. BERGER (EXT. 2750)

200	23	776		ON50 B	1490	100 20	NO.01	WHB	1	21N	105	302W	S PLDS03MV
350	23	776		ON50 E	1490		NO.01	WHB	1	22N	105	347W	S PLDS03MV
2015	23	776		ON50 B	1490	100 20	NO.02	WHB	1	39N	107	143W	S PLDS03MV
2150	23	776		ON50 E	1490		NO.02	WHB	1	40N	107	193W	S PLDS03MV
1845	24	776		ON50 B	1490	50 0	NO.03	WHB	1	8N	109	164W	S PLDS03MV
1920	24	776		ON50 E	1490		NO.03	WHB	1	4N	109	179W	S PLDS03MV
2230	25	776		ON50 B	1490	50 0	NO.04	WHB	0	599N	113	401W	S PLDS03MV
2305	25	776		ON50 E	1490		NO.04	WHB	0	593N	113	416W	S PLDS03MV
1820	27	776		ON50 B	1490	50 0	NO.05	WHB	1	37N	119	548W	S PLDS03MV
1845	27	776		ON50 E	1490		NO.05	WHB	1	39N	119	551W	S PLDS03MV
2250	28	776		ON50 B	1490	50 0	NO.06	WHB	1	58N	122	158W	S PLDS03MV
2312	28	776		ON50 E	1490		NO.06	WHB	1	58N	122	169W	S PLDS03MV
1755	29	776		ON50 B	1490	50 0	NO.07	WHB	1	18N	124	322W	S PLDS03MV
1820	29	776		ON50 E	1490		NO.07	WHB	1	19N	124	327W	S PLDS03MV
1735	30	776		ON50 B	1490	50 0	NO.08	WHB	0	572N	126	369W	S PLDS03MV
1805	30	776		ON50 E	1490		NO.08	WHB	0	569N	126	372W	S PLDS03MV

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.			DISP CODE	LAT.		LONG.		CRUISE LEG-SHIP
1810	31 776			ON50 B	1490	50	0 NO.09	WHB	0 578N		128 266W		S PLDS03MV
1840	31 776			ON50 E	1490		NO.09	WHB	0 569N		128 265W		S PLDS03MV
0	1 876			ON50 B	1490	50	0 NO.10	WHB	0 573N		128 383W		S PLDS03MV
35	1 876			ON50 E	1490		NO.10	WHB	0 572N		128 439W		S PLDS03MV
1820	3 876			ON50 B	1490	50	0 NO.11	WHB	0 591N		135 46W		S PLDS03MV
1844	3 876			ON50 E	1490		NO.11	WHB	0 586N		135 49W		S PLDS03MV
2330	5 876			ON50 B	1490	50	0 NO.12	WHB	3 572N		135 592W		S PLDS03MV
2350	5 876			ON50 E	1490		NO.12	WHB	3 569N		135 596W		S PLDS03MV

*** CLOSING NET *** WOLFGANG H. BERGER (EXT. 2750)

229	24 776			CNBG B	65H MS		NO.01	WHB	1	69N	107 249W		S PLDS03MV
511	24 776			CNBG E	65H MS		NO.01	WHB	1	86N	107 275W		S PLDS03MV
310	9 876			CNBG B	65H MS		NO.02	WHB	6	72N	138 136W		S PLDS03MV
610	9 876			CNBG E	65H MS		NO.02	WHB	6	38N	138 107W		S PLDS03MV
145	14 876			CNBG B	153H MS		NO.03	WHB	17	389N	153 502W		S PLDS03MV
411	14 876			CNBG E	153H MS		NO.03	WHB	17	406N	153 541W		S PLDS03MV

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