INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(ISSUED JANUARY 16, 1978)

EAST PACIFIC LONG LINE EXPEDITION

(EPLL Leg 1 of 1)

San Diego, Calif. (11 October 1977)
to
San Diego, Calif. (6 November 1977)

R/V Thomas Washington

Chief Scientist - L. Dorman

Resident Marine Tech - R. Wilson

Post-Cruise Processing and Report Preparation by
S.I.O. Geological Data Center

Data Collection Funded by NSF
Grant Number OCE76-22680
Data Processing Funded by SIA, ONR, and NSF

NOTE: This is an index of underway geophysical data edited and processed shortly after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the Geological Data Center, Scripps Institution of Oceanography, La Jolla, Calif. 92093.

GDC Cruise I.D.# 170

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 is .3"/deg. long.

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 gamm/inch; anomaly scale north of 15°N and south of 15°S = 1000 gamm/inch; from values retrieved at approximately 1 mile spacing and regional field removed using the 1975 IGRF.

4. Card decks of navigation, depth and magnetics (for specific formats, contact S. M. Smith, Geological Data Center).

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.

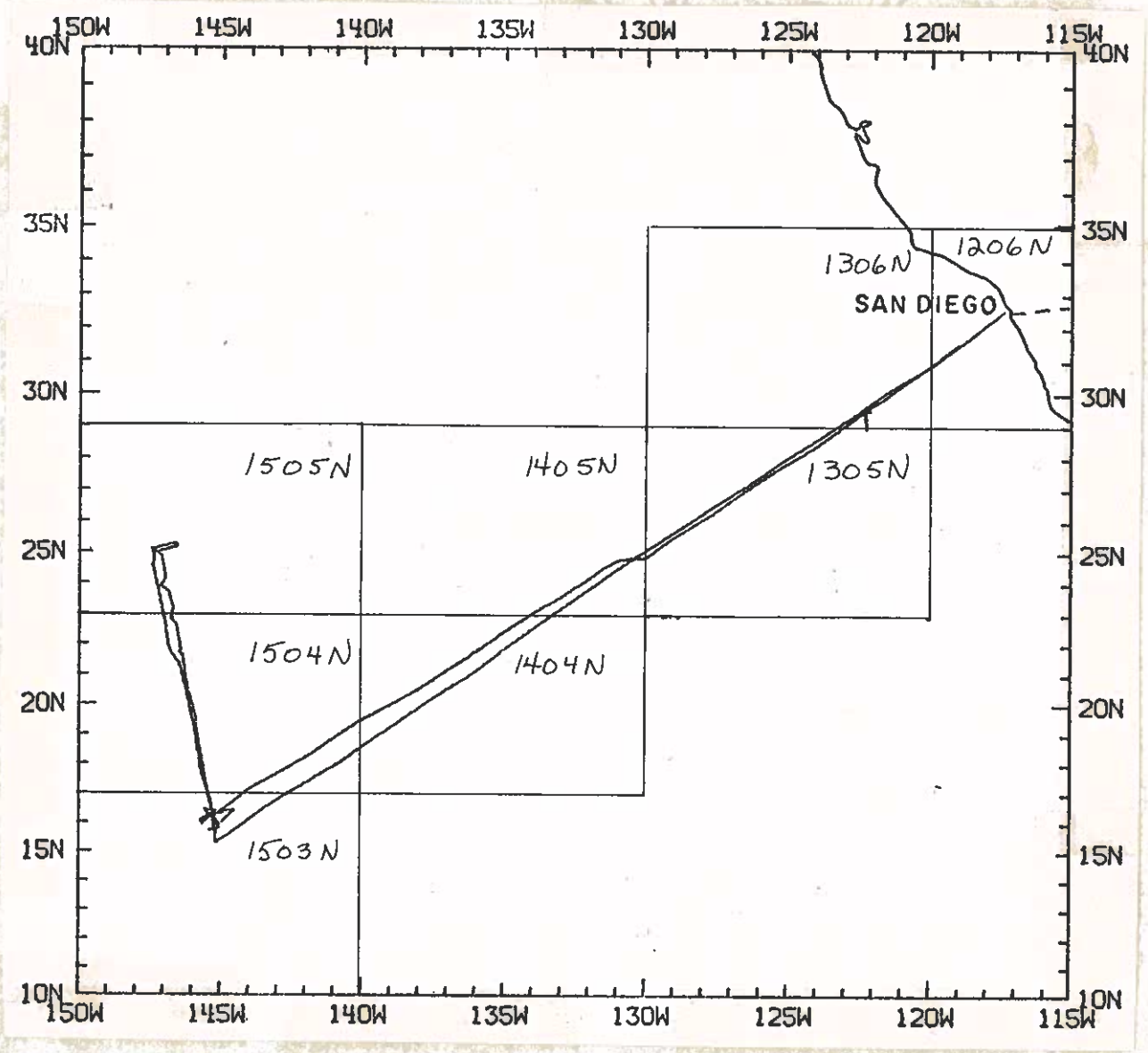
6. Microfilm or Xerox copies of:

   a. Echosounder records - 12 and 3.5 kHz frequency

   b. Subbottom profiler records (airgun)

   c. Magnetometer records

   d. Underway Data Log



EPLL EXPEDITION
Leg 1 of 1
R/V Thomas Washington

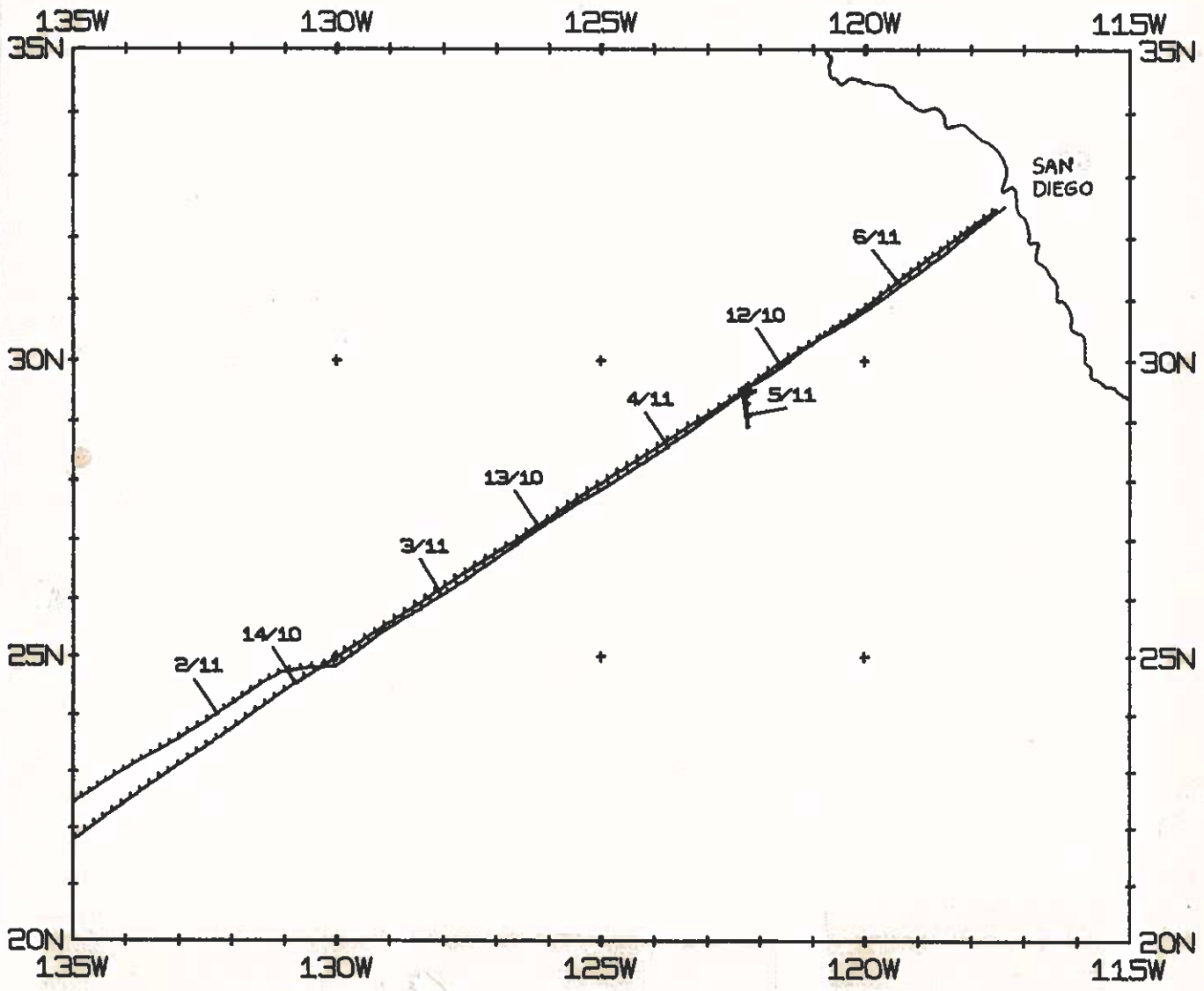
Chief Scientist - L. Dorman (SIO)
Ports - San Diego to San Diego, Calif.
Dates - 11 October to 6 November 1977

TOTAL MILEAGE

1) Cruise - 5730 miles
2) Bathymetry - 5510 miles
3) Magnetics - 3805 miles
4) Seismic Reflection - 80 miles

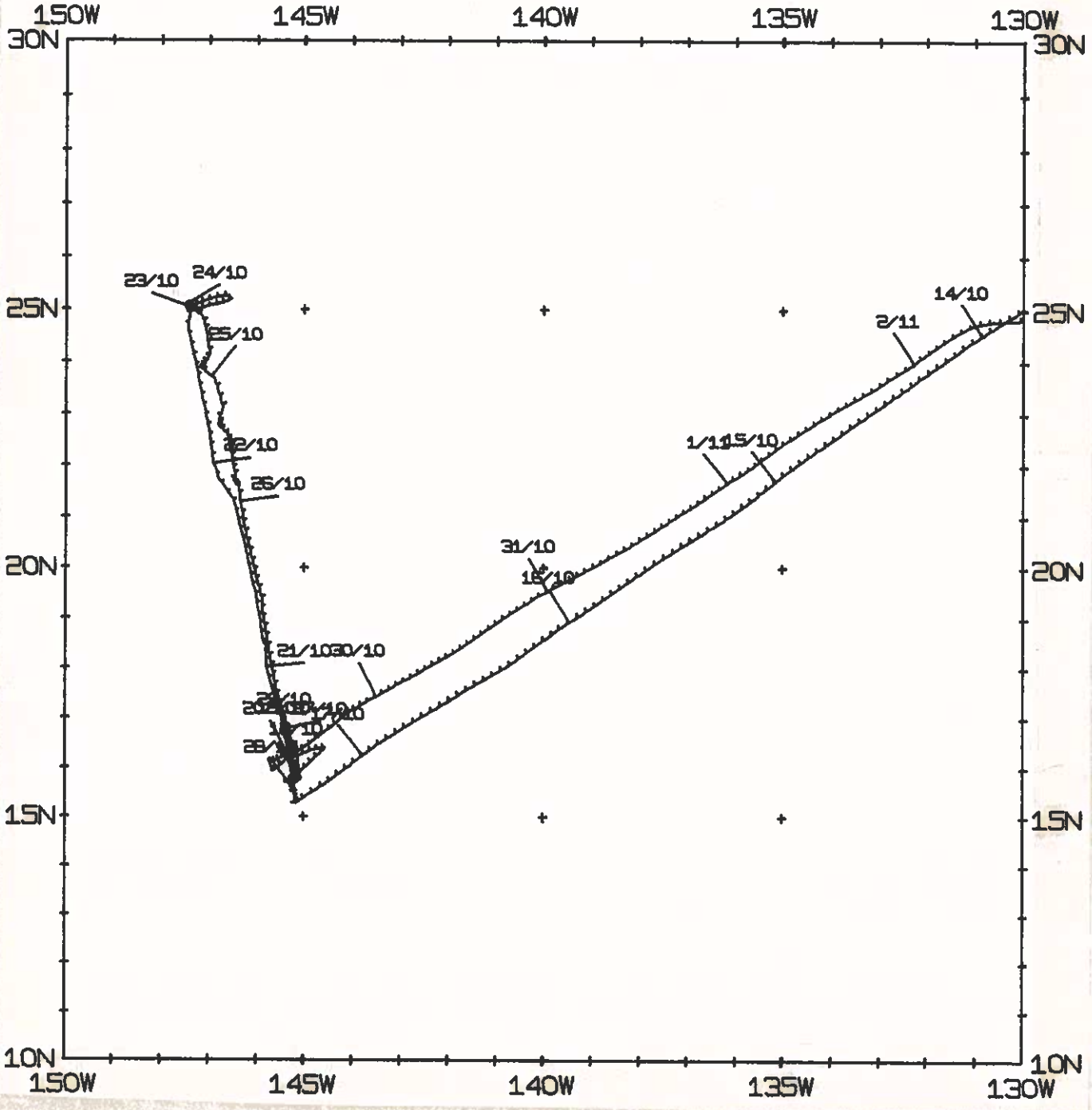
EPPL-1WT TRACK PLOT (1 OF 2)

MERCATOR PROJECTION, SCALE= 0.312 IN/DEG LONGITUDE



EPPL-1WT TRACK PLOT (2 OF 2)

MERCATOR PROJECTION, SCALE= 0.312 IN/DEG LONGITUDE



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250
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350
400
450
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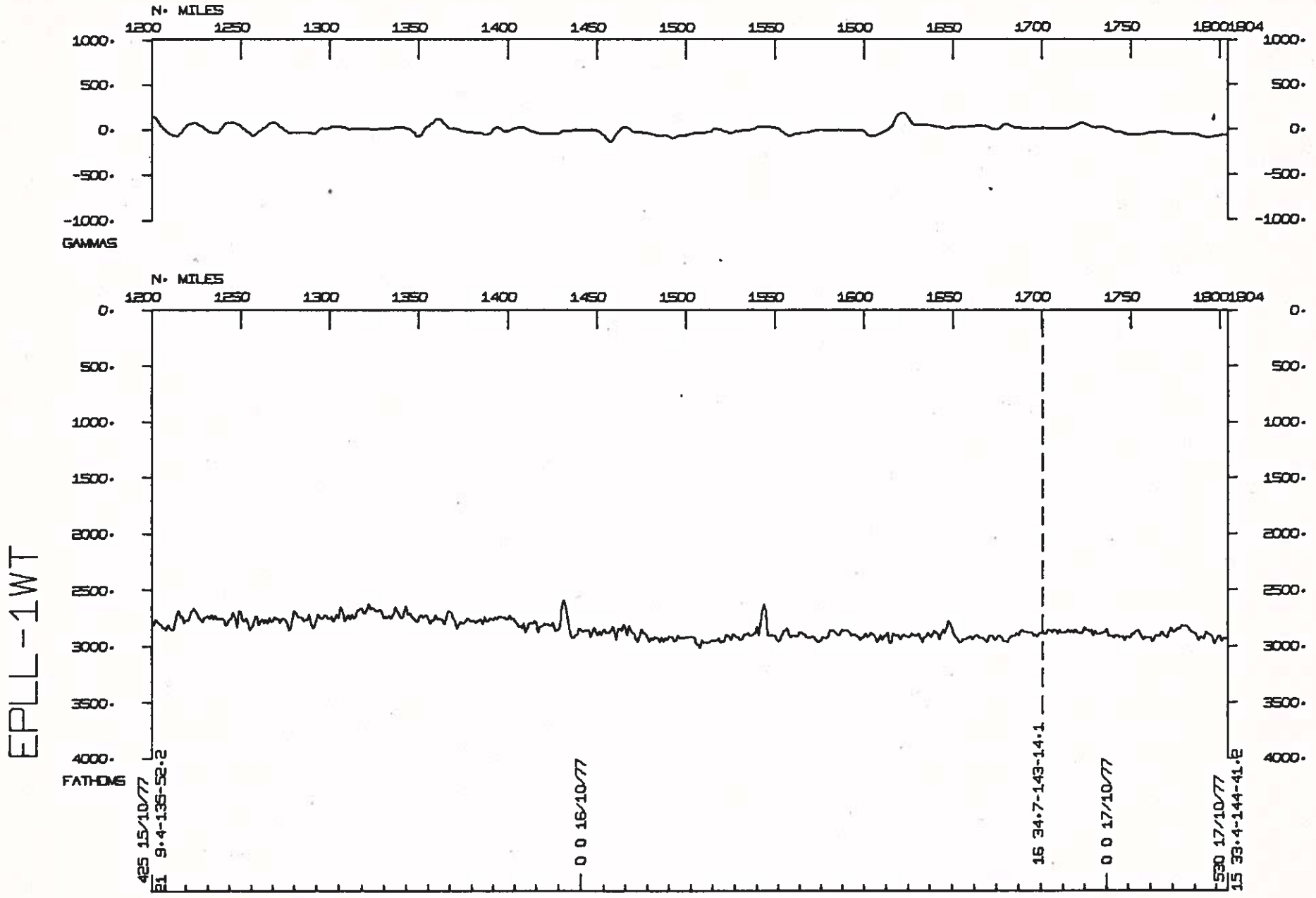
550
600 604
1000.
500.
0.
-500.
-1000.
GAMMAS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
FATHOMS
115 11/10/77
32 31.4-117-23.8
32 11.5-117-54.6
0 0 12/10/77
27 29.0-125-50.1
0 0 13/10/77
340 13/10/77
26 49.5-126-56.9

EPLL-1WT
N. MILES
GAMMAS
FATHOMS
0 0 14/10/77
0 0 15/10/77
22 9.6-134-28.0
21 7.1-135-55.7
445 15/10/77
320 13/10/77
26 51.7-126-52.9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0. 500. 1000. 1500. 2000. 2500. 3000. 3500. 4000.
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0 0 17/10/77
530 17/10/77
15 33.4-144-41.2

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2050
2100
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2350
2400
2403
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GAMMAS
FATHOMS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
S15 17/10/77
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15 15.8-145 -8.0
16 7.4-145-11.4
15 44.3-145 -6.2
0 0 18/10/77
15 46.1-145-11.6
15 47.1-145 -3.7
16 23.8-144-30.6
0 0 19/10/77
16 10.7-145-15.5
15 49.1-145 -7.7
16 10.5-145-15.5
15 55.5-145-37.5
16 5.4-145-39.9
16 11.9-145-12.4
15 54.2-145 -5.8
16 13.2-145-16.3
0 0 21/10/77
18 27.7-145-45.7
655 21/10/77
18 53.8-145-52.1

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2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3000
2950
2900
2850
2800
2750
2700
2650
2600
2550
2500
2450
2400
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0.
-500.
-1000.
GAMMAS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
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0 0 22/10/77
25 3·7-147-18·8
24 0 56·5-147-23·3
0 0 23/10/77
25 9·2-146-31·9
25 3·6-147-19·5
25 6·5-147-24·9
0 0 24/10/77
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24 7·0-146-56·4
23 52·0-147 -4·8

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500.
0.
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-1000.
GAMMAS
FATHOMS
0.
500.
1000.
1500.
2000.
2500.
3000.
3500.
4000.
1510 24/10/77
23 56·1-147 -3·3
0 0 25/10/77
23 38-41-46-49·3
23 7·6-146-39·7
22 52·0-146-44·2
22 47·1-146-46·2
21 41·5-146-26·5
21 34·9-146-19·4
0 0 26/10/77
0 0 27/10/77
15 47·0-145 -8·8
15 53·5-145 -6·7
15 52·5-145 -3·8
15 41·9-145 -6·8
15 42·0-145-21·7
15 47·3-145 -9·8
2345 27/10/77
15 33·6-145 -9·7

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3800
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4000.
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1250 9/11/77
24 50·3-129-57·9
24 54·1-129-52·6

EPLL-1WT
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2500.
3000.
3500.
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0 0 3/11/77
0 0 4/11/77
0 0 5/11/77
059
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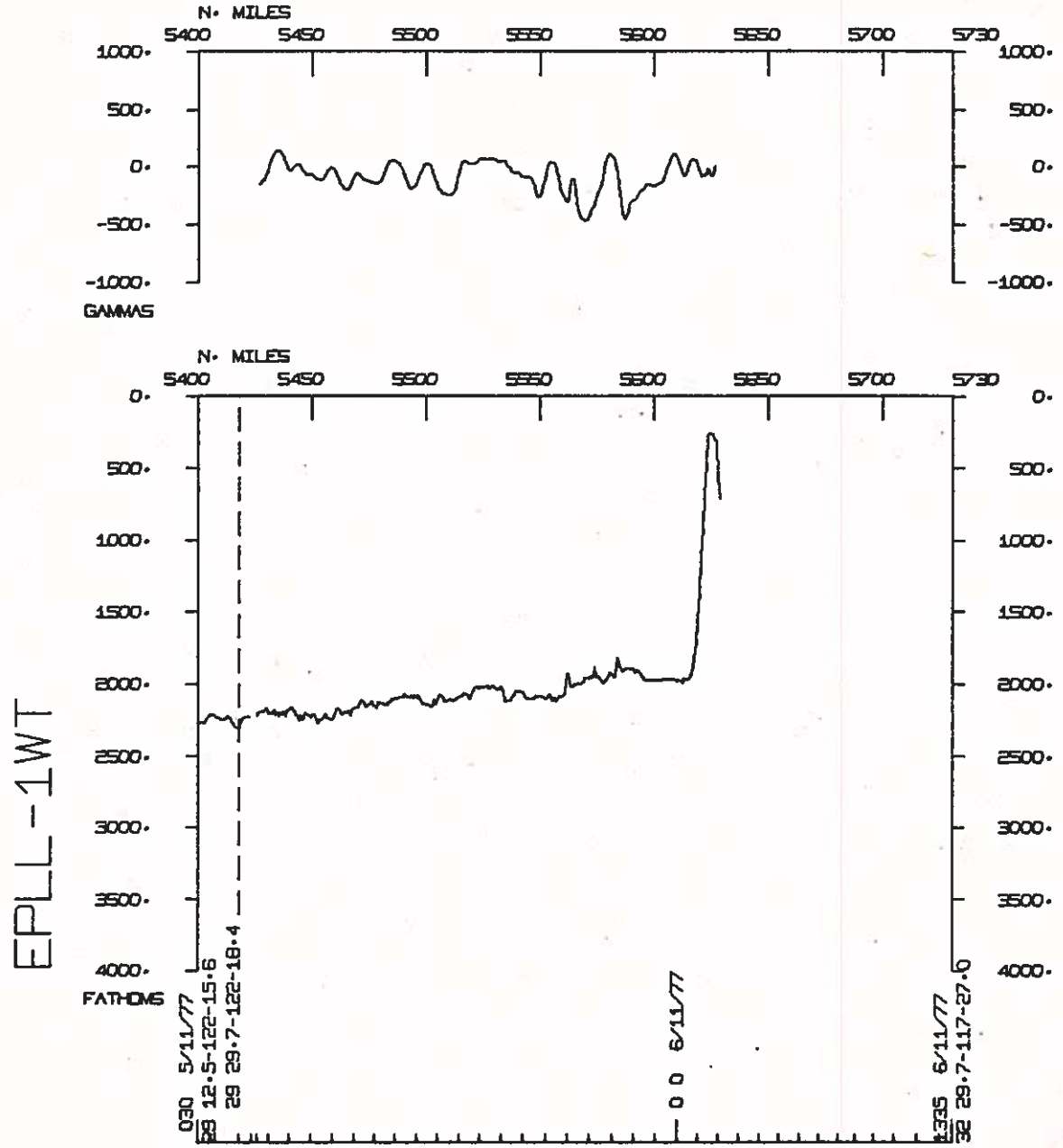
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3000.
3500.
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FATHOMS
EPLL-1WT
030 5/11/77
28 12.5-122-15.6
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0 0 6/11/77
1335 6/11/77
32 29.7-117-27.0

S.I.O. SAMPLE INDEX

(ISSUED JANUARY 19, 1978)

EPLL EXPEDITION

LEG 1 of 1

San Diego, Calif. (11 October 1977)
to
San Diego, Calif. (6 November 1977)

R/V Thomas Washington

Chief Scientist - L. Dorman

Resident Marine Tech - R. Wilson

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center.

Index Encoding Funded by NSF
Grant Number OCE76-80618
Index Processing and Report Preparation
Funded in Part by SIA

The Sample Index is a first level interdisciplinary listing of time, position, sample identification and disposition of all samples, records and measurements collected on this cruise leg. The index data are encoded at sea by the Resident Technician and processed on shore by the S.I.O. Geological Data Center shortly after the completion of the cruise leg.

Positions are interpolated on the basis of sample time by comparison to a single, edited navigation file. Samples beginning at one time and position and ending a at another are entered on two consecutive cards. Disposition and sample type are represented by three and four character codes to permit future computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center).

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S.I.O. SAMPLE INDEX GENERATED 16JAN78

*** EPLL-1WT SAMPLE INDEX (EPLL-1WT) ***

110CT77 - SAN DIEGO, CAL.

TO

06NOV77 - SAN DIEGO, CAL.

CHIEF SCIENTIST - DORMAN, L. SIO

SHIP - R/V THOMAS WASHINGTON (SIO)

PRODUCED BY GEOLOGICAL DATA CENTER, SCRIPPS INSTITUTION
OF OCEANOGRAPHY, LA JOLLA, CALIFORNIA 92093

NUMBER OF SAMPLES OF CLASS 'TYPE' GOING TO DESTINATION 'DISP'

DISP	TYPE									TOTAL
	BT	CO	DP	GV	LB	MG	PE	SP	SR	
DCP	5									5
GCR		2								2
GDC			22		1	3		2		28
LMD				2					6	8
MPL									21	21
MTG							1			1
SCG							1			1
SGG							1			1
SIO							6			6
SIX							1			1
UWA							7		5	12
TOTAL	5	2	22	2	1	3	17	2	32	86

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM
CO = CORE (SEE ALSO TYPE DH**)
DP = DEPTH
GV = GRAVITY
LB = LOG BOOKS
MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
PE = PERSONNEL IN SCIENTIFIC PARTY
SP = SEISMIC REFLECTION PROFILE AIRGUN
SR = SEISMIC REFRACTION

SAMPLE 'DISP' CODES USED ABOVE

DCP = DATA COLLECTION, PROCESSING GROUP -- F. WILKES (EXT. 3668)
GCR = GEOLOGICAL CURATING FACILITY -- W. RIEDEL, (EXT. 4386)
GDC = GEOLOGICAL DATA CENTER -- S. SMITH (EXT. 2752)
LMD = LEROY M. DORMAN (EXT. 2406)
MPL = MARINE PHYSICAL LAB. (EXT 2305)
MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
SCG = SHIPBOARD COMPUTER GROUP (EXT. 4195)
SGG = SHIPBOARD GEOPHYSICAL GROUP--P. CRAMPTON (EXT.2079)
SIO = SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CAL. 92093
SIX = SCRIPPS INSTITUTION NON-EMPLOYEE -(CONTACT DORCAS UTTER EXT. 2356)
UWA = UNIV. OF WASHINGTON, SEATTLE

*** PORTS ***

25 111077	LGPT B SAN DIEGO, CAL.	32 425N 117 143W F	EPLL-1WT
1600 61177	LGPT E SAN DIEGO, CAL.	32 425N 117 143W F	EPLL-1WT

PERSONNEL

PECS	DORMAN, L.	SIO	EPLL-1WT
PERT	WILSON, R,	MTG	EPLL-1WT
PEAT	HUBENKA, F	SGG	EPLL-1WT
PECT	MOORE, M.	SCG	EPLL-1WT
PE	ALLEN, J.	SIX	EPLL-1WT
PE	CHASS, K.	SIO	EPLL-1WT
PE	CLANCY, M.	UWA	EPLL-1WT
PE	CLIFTON, L.	UWA	EPLL-1WT
PES	HENRY, M.	SIO	EPLL-1WT
PES	JACOBSON, R.	SIO	EPLL-1WT
PE	KELLER, B.	UWA	EPLL-1WT
PE	LANDKAMER, C.	UWA	EPLL-1WT
PE	LEWIS, B.	UWA	EPLL-1WT
PE	MCCLAIN, J.	UWA	EPLL-1WT
PE	MCCLAIN, K.	UWA	EPLL-1WT
PE	ORCUTT, J.	SIO	EPLL-1WT
PE	WILLOUGHBY, D.	SIO	EPLL-1WT

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

*** NOTE *** AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO SAMPLE OR DATA RECOVERED

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.		CRUISE LEG-SHIP
					UNDERWAY DATA CURATOR - STUART SMITH (EXT.2752)					
*** LOG BOOKS ***										
0420	111077			LBUW	B UNDERWAY LOG	GDC	32 99N	117 568W	F	EPLL-1WT
0220	061177			LBUW	E UNDERWAY LOG	GDC	31 316N	119 005W	F	EPLL-1WT
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558	111077			DPRT	B GDR 12 KHZ R-01	GDC	31 578N	118 143W	S	EPLL-1WT
1725	131077			DPRT	E GDR 12 KHZ R-01	GDC	25 164N	129 336W	S	EPLL-1WT
1739	131077			DPRT	B GDR 12 KHZ R-02	GDC	25 149N	129 363W	S	EPLL-1WT
1644	161077			DPRT	E GDR 12 KHZ R-02	GDC	17 34N	142 259W	S	EPLL-1WT
1654	161077			DPRT	B GDR 12 KHZ R-03	GDC	17 23N	142 278W	S	EPLL-1WT
952	191077			DPRT	E GDR 12 KHZ R-03	GDC	15 522N	145 94W	S	EPLL-1WT
1001	191077			DPRT	B GDR 12 KHZ R-04	GDC	15 538N	145 100W	S	EPLL-1WT
55	221077			DPRT	E GDR 12 KHZ R-04	GDC	22 122N	146 533W	S	EPLL-1WT
110	221077			DPRT	B GDR 12 KHZ R-05	GDC	22 151N	146 538W	S	EPLL-1WT
545	241077			DPRT	E GDR 12 KHZ R-05	GDC	25 56N	147 269W	S	EPLL-1WT
400	241077			DPRT	B GDR 12 KHZ R-06	GDC	25 56N	147 270W	S	EPLL-1WT
1745	271077			DPRT	E GDR 12 KHZ R-06	GDC	15 471N	145 74W	S	EPLL-1WT
1805	271077			DPRT	B GDR 12 KHZ R-07	GDC	15 470N	145 72W	S	EPLL-1WT
1729	291077			DPRT	E GDR 12 KHZ R-07	GDC	16 498N	144 209W	S	EPLL-1WT
1736	291077			DPRT	B GDR 12 KHZ R-08	GDC	16 505N	144 200W	S	EPLL-1WT
350	311077			DPRT	E GDR 12 KHZ R-08	GDC	19 504N	139 151W	S	EPLL-1WT
400	311077			DPRT	B GDR 12 KHZ R-09	GDC	19 512N	139 135W	S	EPLL-1WT
725	11177			DPRT	E GDR 12 KHZ R-09	GDC	22 230N	135 10W	S	EPLL-1WT
735	11177			DPRT	B GDR 12 KHZ R-10	GDC	22 240N	134 595W	S	EPLL-1WT
555	41177			DPRT	E GDR 12 KHZ R-10	GDC	29 154N	122 374W	S	EPLL-1WT
603	41177			DPRT	B GDR 12 KHZ R-11	GDC	29 163N	122 359W	S	EPLL-1WT
210	61177			DPRT	E GDR 12 KHZ R-11	GDC	31 301N	119 28W	S	EPLL-1WT
506	111077			DPR3	B GDR 3.5KHZ R-01	GDC	32 44N	118 49W	S	EPLL-1WT
1741	131077			DPR3	E GDR 3.5KHZ R-01	GDC	25 146N	129 367W	S	EPLL-1WT
1751	131077			DPR3	B GDR 3.5KHZ R-02	GDC	25 135N	129 386W	S	EPLL-1WT
1655	161077			DPR3	E GDR 3.5KHZ R-02	GDC	17 22N	142 280W	S	EPLL-1WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1703	161077			DPR3	B GDR 3.5KHZ R-03	GDC	17 14N	142 295W S	EPLL-1WT
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1009	191077			DPR3	B GDR 3.5KHZ R-04	GDC	15 553N	145 106W S	EPLL-1WT
115	221077			DPR3	E GDR 3.5KHZ R-04	GDC	22 161N	146 539W S	EPLL-1WT
125	221077			DPR3	B GDR 3.5KHZ R-05	GDC	22 181N	146 542W S	EPLL-1WT
1930	241077			DPR3	E GDR 3.5KHZ R-05	GDC	23 529N	147 46W S	EPLL-1WT
1930	241077			DPR3	B GDR 3.5KHZ R-06	GDC	23 529N	147 46W S	EPLL-1WT
1609	271077			DPR3	E GDR 3.5KHZ R-06	GDC	15 469N	145 72W S	EPLL-1WT
1620	271077			DPR3	B GDR 3.5KHZ R-07	GDC	15 469N	145 71W S	EPLL-1WT
1743	291077			DPR3	E GDR 3.5KHZ R-07	GDC	16 512N	144 191W S	EPLL-1WT
1747	291077			DPR3	B GDR 3.5KHZ R-08	GDC	16 516N	144 186W S	EPLL-1WT
811	311077			DPR3	E GDR 3.5KHZ R-08	GDC	20 128N	138 323W S	EPLL-1WT
937	311077			DPR3	B GDR 3.5KHZ R-09	GDC	20 202N	138 184W S	EPLL-1WT
300	31177			DPR3	E GDR 3.5KHZ R-09	GDC	26 196N	127 304W S	EPLL-1WT
310	31177			DPR3	B GDR 3.5KHZ R-10	GDC	26 207N	127 286W S	EPLL-1WT
1905	51177			DPR3	E GDR 3.5KHZ R-10	GDC	30 491N	120 46W S	EPLL-1WT
1920	51177			DPR3	B GDR 3.5KHZ R-11	GDC	30 504N	120 25W S	EPLL-1WT
210	61177			DPR3	E GDR 3.5KHZ R-11	GDC	31 301N	119 28W S	EPLL-1WT
*** MAGNETOMETER ***									
421	111077			MGR	B MAGNETICS R-01	GDC	32 99N	117 568W S	EPLL-1WT
728	301077			MGR	E MAGNETICS R-01	GDC	18 13N	142 200W S	EPLL-1WT
734	301077			MGR	B MAGNETICS R-02	GDC	18 18N	142 191W S	EPLL-1WT
30	11177			MGR	E MAGNETICS R-02	GDC	21 426N	136 34W S	EPLL-1WT
46	11177			MGR	B MAGNETICS R-03	GDC	21 438N	136 13W S	EPLL-1WT
155	61177			MGR	E MAGNETICS R-03	GDC	31 287N	119 49W S	EPLL-1WT
*** SEISMIC REFLECTION PROFILES ***									
835	171077			SPRF	B AIRGUN (RF) R-01	GDC	15 162N	145 74W S	EPLL-1WT
1405	41177			SPRF	E AIRGUN (RF) R-01	GDC	29 302N	122 153W S	EPLL-1WT
837	171077			SPRS	B AIRGUN (RS) R-01	GDC	15 161N	145 75W S	EPLL-1WT
1405	41177			SPRS	E AIRGUN (RS) R-01	GDC	29 302N	122 153W S	EPLL-1WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.		DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
GRAVIMETRIC RECORDS .CURATOR L.M. DORMAN (EXT.2406)										
421	111077			GVR B	GRAVITYMETER R-01		LMD	32 99N	117 568W S	EPLL-1WT
1310	181077			GVR E	GRAVITYMETER R-01		LMD	15 492N	145 73W S	EPLL-1WT
1315	181077			GVR B	GRAVITYMETER R-02		LMD	15 492N	145 72W S	EPLL-1WT
745	231077			GVR E	GRAVITYMETER R-02		LMD	25 67N	146 410W S	EPLL-1WT
**** GRAVITY CORE ****										
1741	271077			COG	GRAVITY01	5557	GCR	15 471N	145 74W S	EPLL-1WT
1615	281077			COG	GRAVITY02	5487	GCR	16 147N	145 123W S	EPLL-1WT
*** OCEANBOTTOM SEISMOMETER ***										
609	181077			SROB B	WASH OBS 02	5557	UWA	15 462N	145 72W S	EPLL-1WT
610	271077			SROB E	WASH OBS 02	5557	UWA	15 475N	145 92W S	EPLL-1WT
1213	181077			SROB B	WASH OBS 04	5518	UWA	15 488N	145 81W S	EPLL-1WT
1006	271077			SROB E	WASH OBS 04	5518	UWA	15 487N	145 85W S	EPLL-1WT
745	191077			SROB B	WASH OBS 05	5580	UWA	15 509N	145 58W S	EPLL-1WT
1049	271077			SROB E	WASH OBS 05	5580	UWA	15 496N	145 70W S	EPLL-1WT
741	201077			SROB B	WASH OBS 08	5471	UWA	15 541N	145 51W S	EPLL-1WT
1443	271077			SROB E	WASH OBS 08	5471	UWA	15 526N	145 39W S	EPLL-1WT
849	41177			SROB B	WASH OBS 07	4534	UWA	29 298N	122 158W S	EPLL-1WT
216	51177			SROB E	WASH OBS 07	4534	UWA	29 295N	122 152W S	EPLL-1WT
1235	191077			SROB B	OBS GWEN	5491	LMD	16 101N	145 145W F	EPLL-1WT
847	291077			SROB E	OBS GWEN	5491	LMD	16 101N	145 145W F	EPLL-1WT
225	201077			SROB B	OBS DOE	5471	LMD	16 115N	145 151W S	EPLL-1WT
1340	201077			SROB E	OBS DOE	5471	LMD	16 127N	145 147W S	EPLL-1WT
231	191077			SROB B	OBS INEZ	5452	LMD	16 115N	145 149W F	EPLL-1WT
502	291077			SROB E	OBS INEZ	5452	LMD	16 115N	145 149W F	EPLL-1WT
1241	201077			SROB B	OBS DENI	5460	LMD	15 527N	145 84W F	EPLL-1WT
1030	291077			SROB E	OBS DENI	5460	LMD	15 527N	145 84W F	EPLL-1WT
1535	41177			SROB B	OBS DOE	4198	LMD	29 311N	122 156W S	EPLL-1WT
1628	41177			SROB E	OBS DOE	4198	LMD	29 312N	122 155W S	EPLL-1WT
849	41177			SROB B	OBS GWEN	4534	LMD	29 298N	122 158W S	EPLL-1WT
403	51177			SROB E	OBS GWEN	4534	LMD	29 311N	122 153W S	EPLL-1WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** SONOBUOY DROP *** SEISMIC REFRACTION MONITORING									
1940	271077			SRSB	SONOBUOY 01	MPL	15 419N	145 68W	S EPLL-1WT
1941	271077			SRSB	SONOBUOY 02	MPL	15 419N	145 70W	S EPLL-1WT
2059	271077			SRSB	SONOBUOY 03	MPL	15 419N	145 211W	S EPLL-1WT
2059	271077			SRSB	SONOBUOY 04	MPL	15 419N	145 211W	S EPLL-1WT
2224	271077			SRSB	SONOBUOY 05	MPL	15 472N	145 98W	S EPLL-1WT
2225	271077			SRSB	SONOBUOY 06	MPL	15 473N	145 97W	S EPLL-1WT
2100	281077			SRSB	SONOBUOY 07	MPL	16 145N	145 240W	S EPLL-1WT
2100	281077			SRSB	SONOBUOY 08	MPL	16 145N	145 240W	S EPLL-1WT
2219	281077			SRSB	SONOBUOY 09	MPL	16 275N	145 312W	S EPLL-1WT
2219	281077			SRSB	SONOBUOY 10	MPL	16 275N	145 312W	S EPLL-1WT
2345	281077			SRSB	SONOBUOY 11	MPL	16 211N	145 201W	S EPLL-1WT
2346	281077			SRSB	SONOBUOY 12	MPL	16 211N	145 199W	S EPLL-1WT
104	291077			SRSB	SONOBUOY 13	MPL	16 217N	145 64W	S EPLL-1WT
104	291077			SRSB	SONOBUOY 14	MPL	16 217N	145 64W	S EPLL-1WT
1915	41177			SRSB	SONOBUOY 15	MPL	29 344N	122 144W	S EPLL-1WT
1944	41177			SRSB	SONOBUOY 16	MPL	29 283N	122 143W	S EPLL-1WT
2012	41177			SRSB	SONOBUOY 17	MPL	29 241N	122 141W	S EPLL-1WT
2040	41177			SRSB	SONOBUOY 18	MPL	29 204N	122 138W	S EPLL-1WT
*** SEISMIC REFRACTION STATION ***									
1940	271077			SRRF B	SEISMIC RUN 01	MPL	15 419N	145 68W	S EPLL-1WT
2351	271077			SRRF E	SEISMIC RUN 01	MPL	15 326N	145 97W	S EPLL-1WT
2100	281077			SRRF B	SEISMIC RUN 02	MPL	16 145N	145 240W	S EPLL-1WT
217	291077			SRRF E	SEISMIC RUN 02	MPL	16 116N	145 147W	S EPLL-1WT
1915	41177			SRRF B	SEISMIC RUN 03	MPL	29 344N	122 144W	S EPLL-1WT
2236	41177			SRRF E	SEISMIC RUN 03	MPL	28 576N	122 129W	S EPLL-1WT
*** BATHYTHERMOGRAPH ***									
0	231077			BTX	NR. SAMPLES = 01	DCP	25 26N	147 245W	S EPLL-1WT
0	241077			BTX	NR. SAMPLES = 01	DCP	25 46N	147 252W	S EPLL-1WT
0	271077			BTX	NR. SAMPLES = 01	DCP	16 466N	145 227W	S EPLL-1WT
0	291077			BTX	NR. SAMPLES = 01	DCP	16 212N	145 175W	S EPLL-1WT
0	51177			BTX	NR. SAMPLES = 01	DCP	29 67N	122 145W	S EPLL-1WT
9900					END SAMPLE INDEX				EPLL-1WT