

PRELIMINARY REPORT AND INDEX
OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
SOUTHTOW EXPEDITION
LEG 8
R/V WASHINGTON

Callao, Peru (11 Aug. 1972)

To

Papeete, Tahiti (11 Sept. 1972)

Chief Scientist, Leg 8 - R. Anderson

Cruise Coordinator - J. Mudie

Airgun Tech. - B. Byrne

Computer Tech. - W. Hilton

Resident Marine Tech. - D. Fornari

Data Processed by - U. Albright, R. Anderson, J. Moore

Geological Data Center

T. E. Chase - Curator

S. M. Smith - Data Processing Coordinator

Scripps Institution of Oceanography

La Jolla, California

October 11, 1972

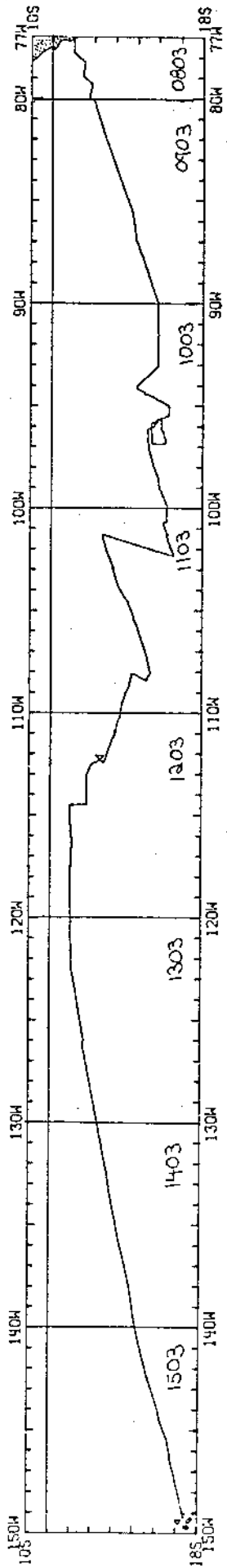
Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

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 92037 (714-453-2000, ext. 1534):

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).
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



SOUTHWEST EXPEDITION

LEG 8

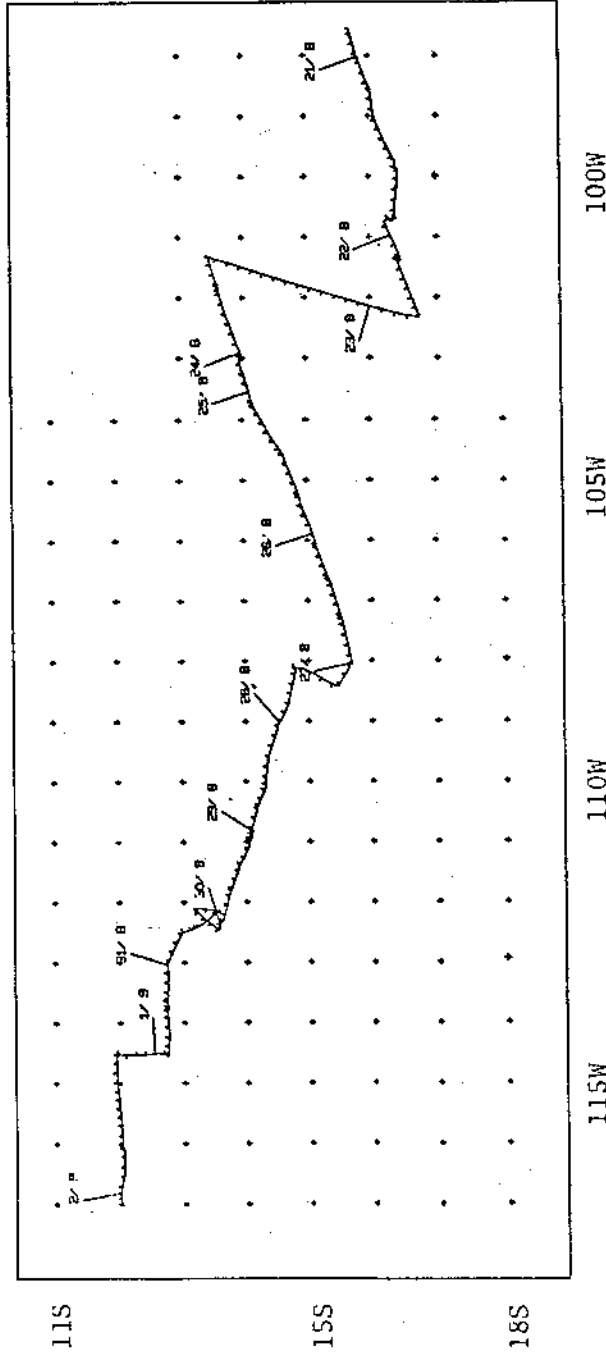
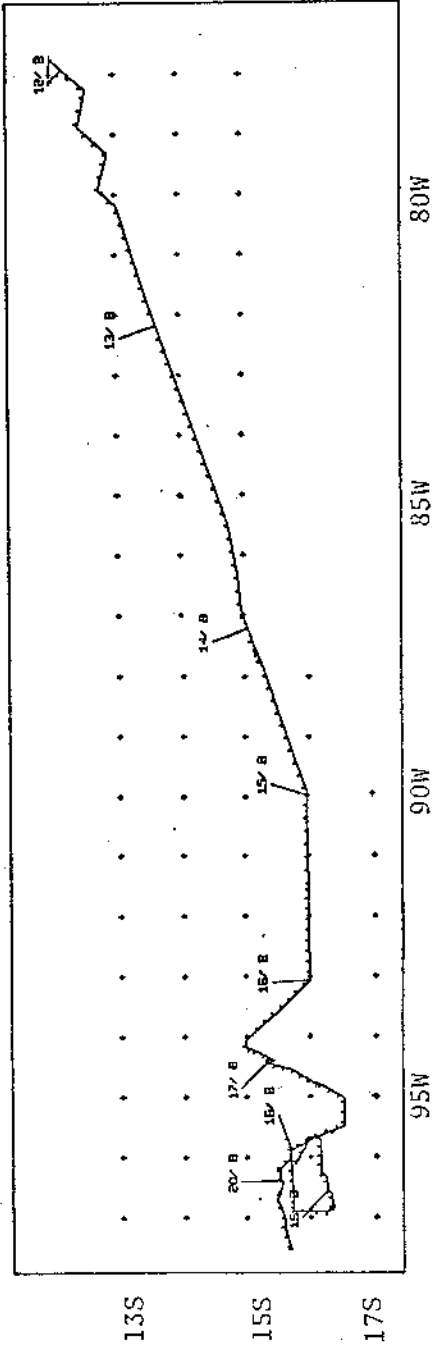
R/V T. WASHINGTON

CHIEF SCIENTIST - R. ANDERSON

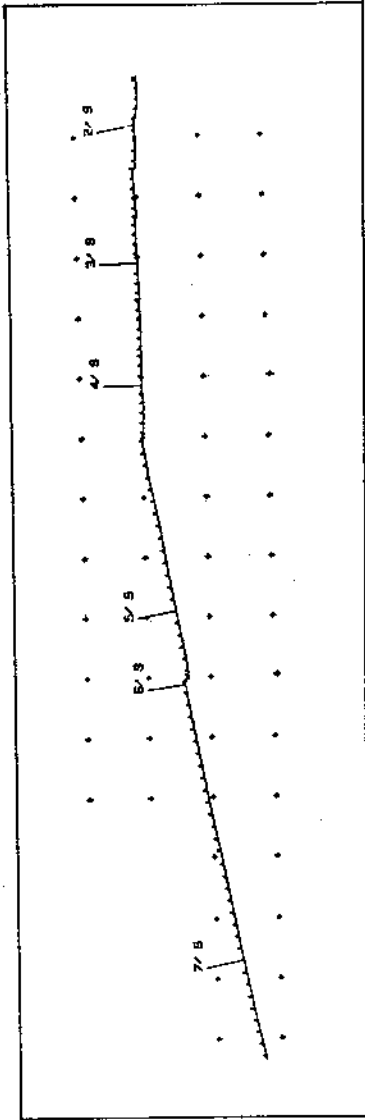
Callao, Peru - Papeete, Tahiti (11 August 1972 - 11 September 1972)

Total Mileage

- 1) Cruise - 5388.5 miles
- 2) Bathymetry - 5148 miles
- 3) Magnetics - 5048 miles
- 4) Seismic Reflection - 3972 miles

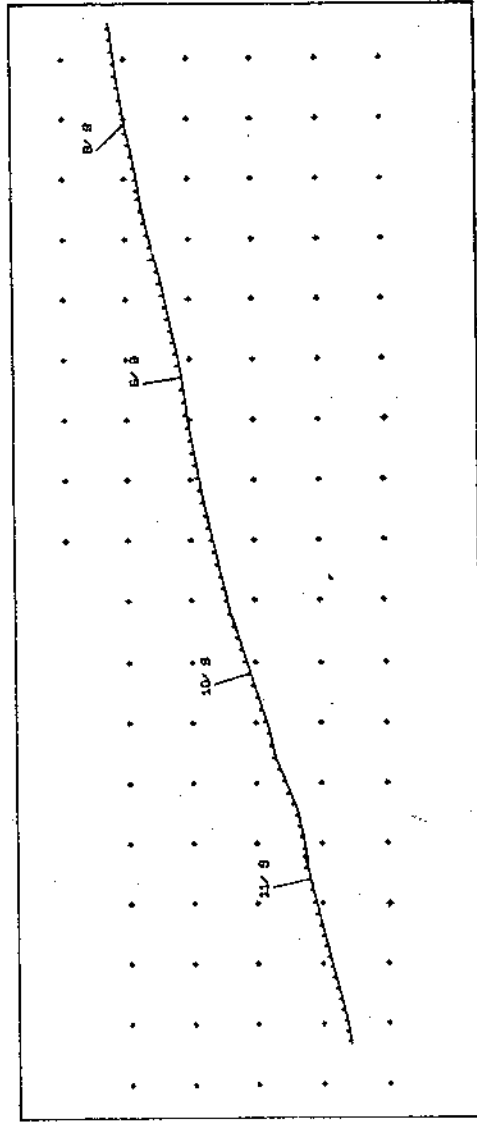


SOUTHTON LEG 8
(sheet 1 of 2)



11S

14S

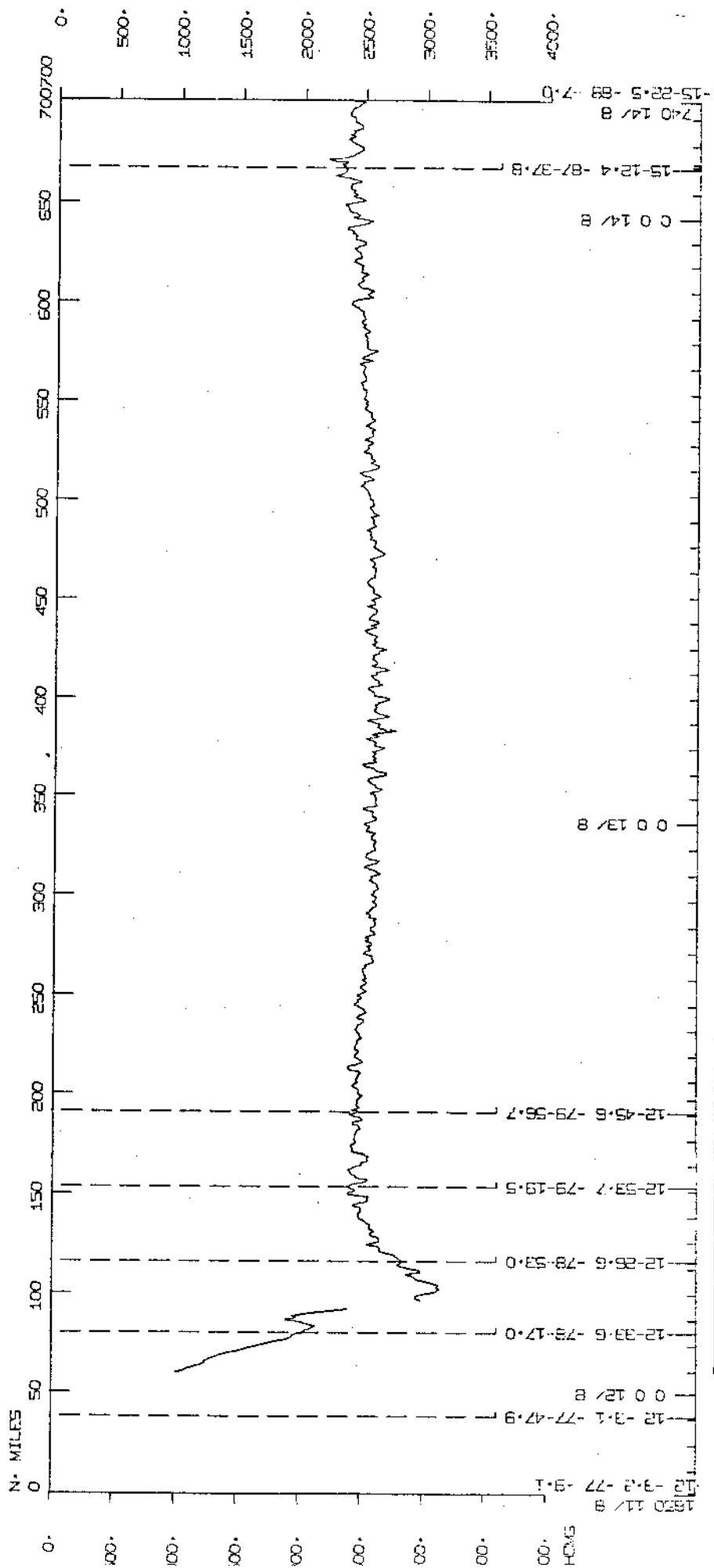
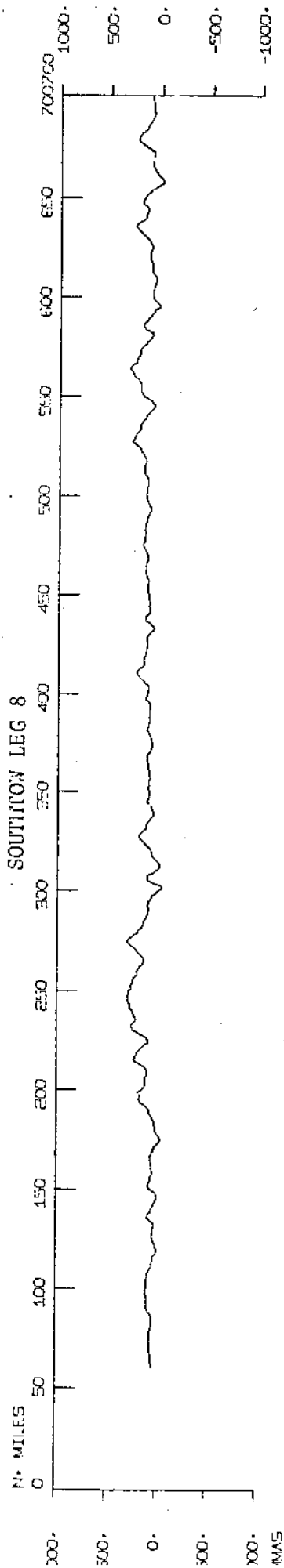


15S

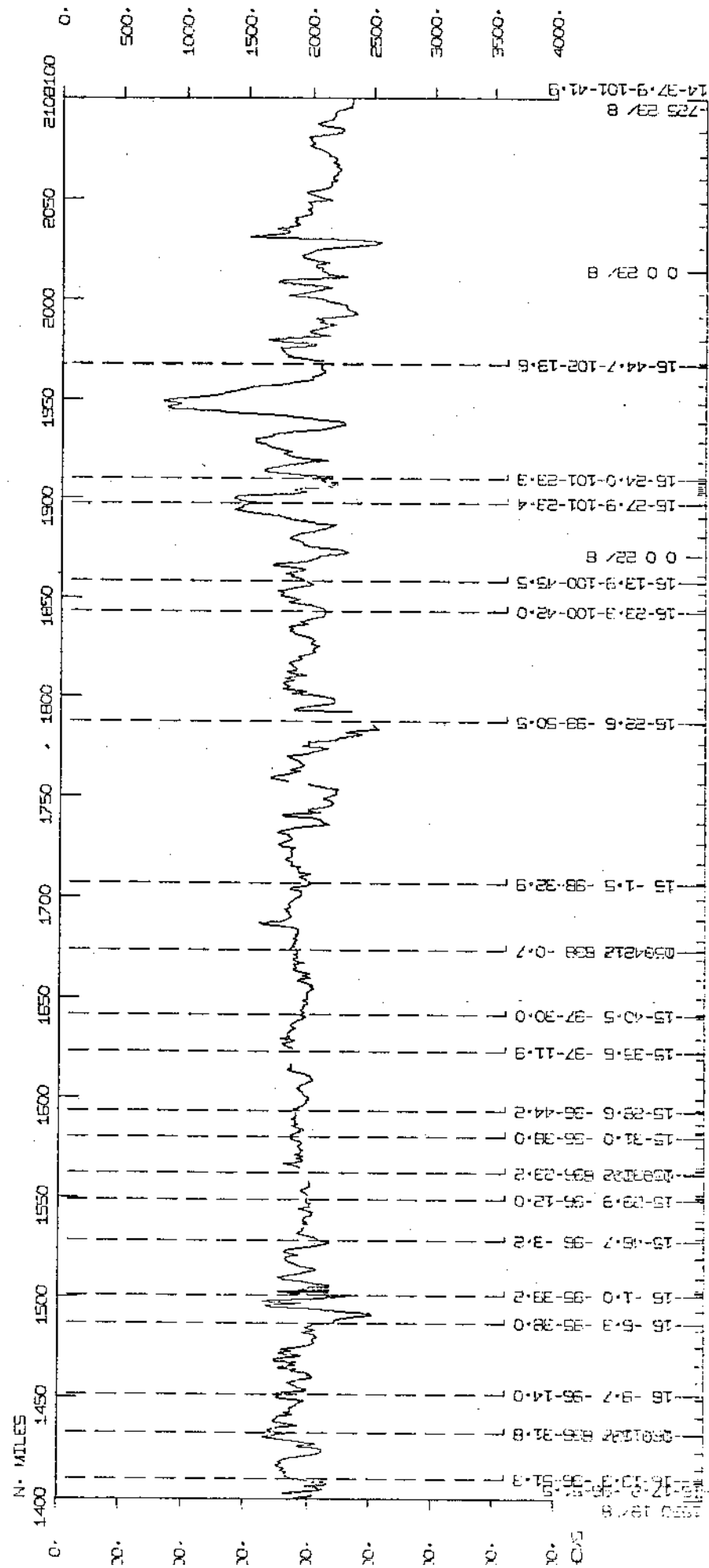
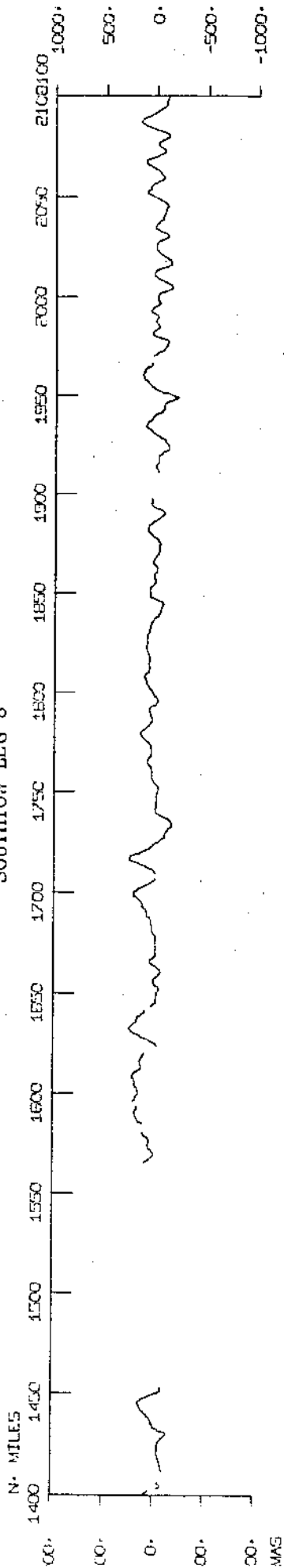
18S

SOUTHTOW LEG 8
(sheet 2 of 2)

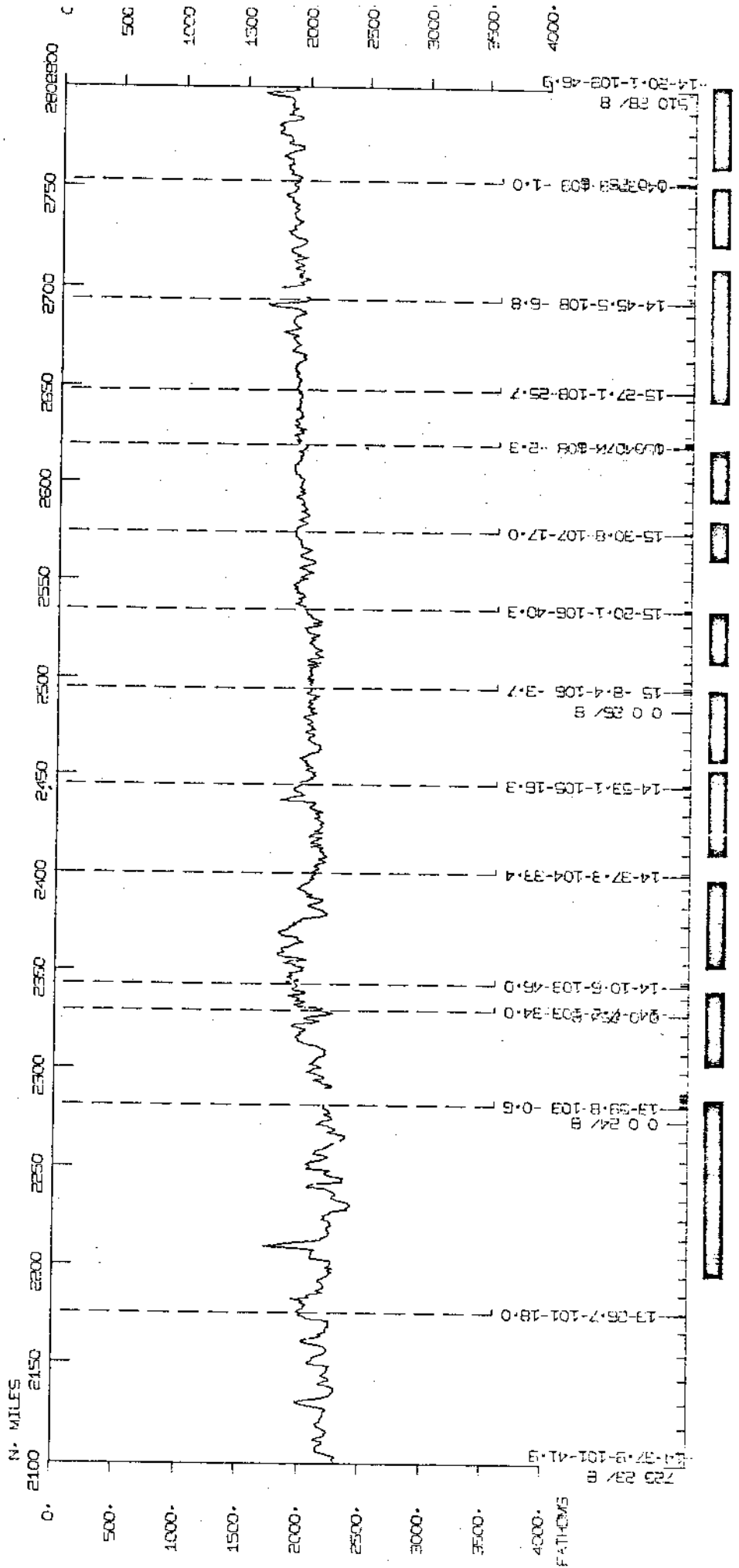
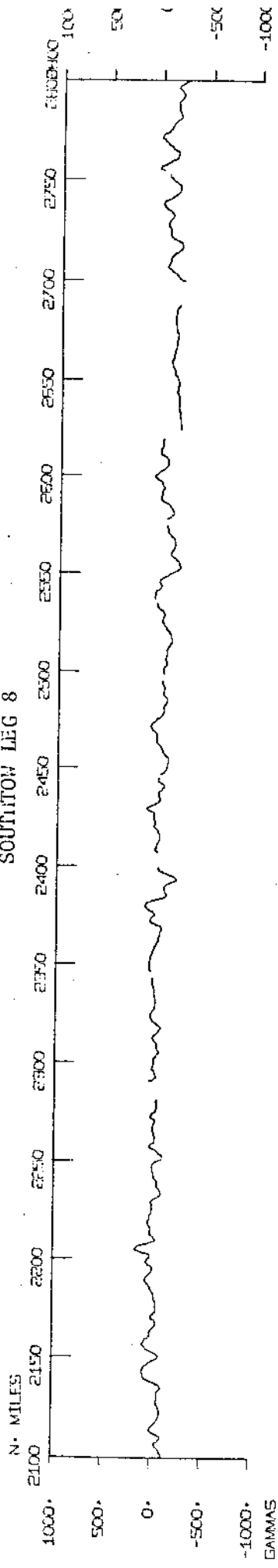
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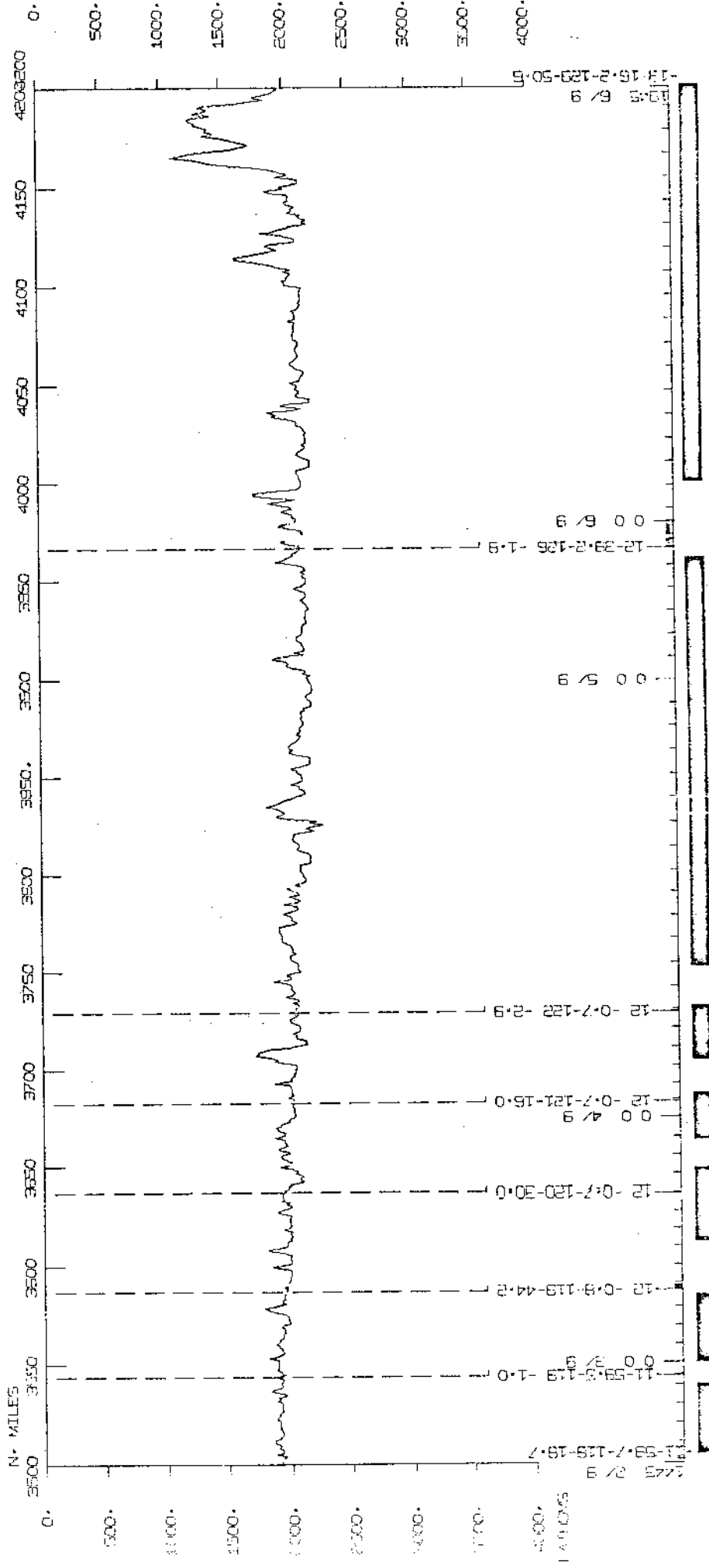
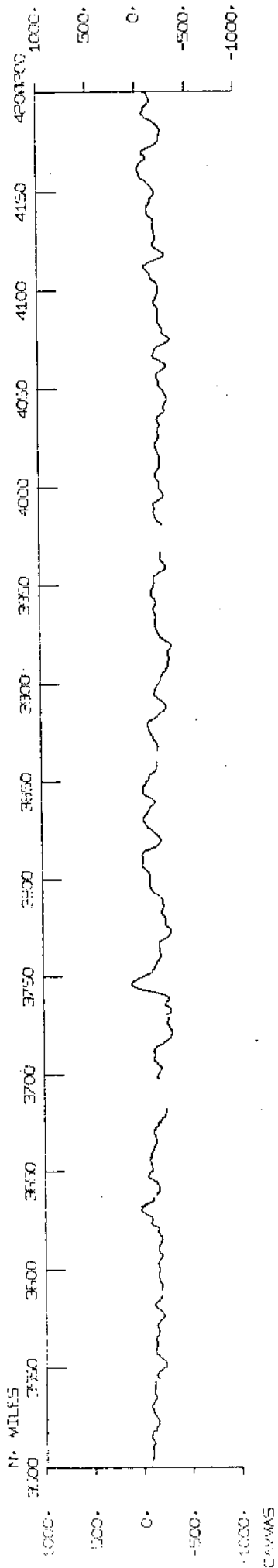
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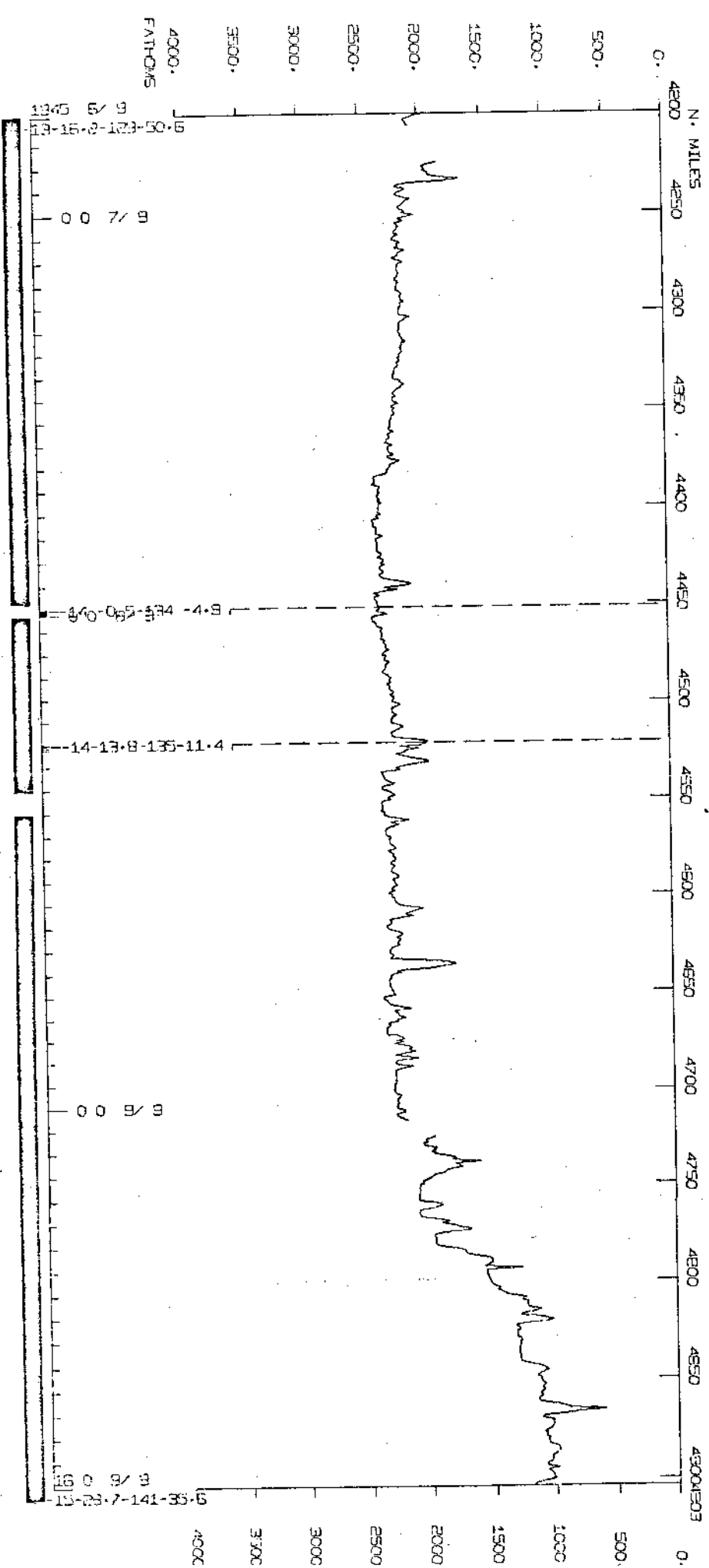
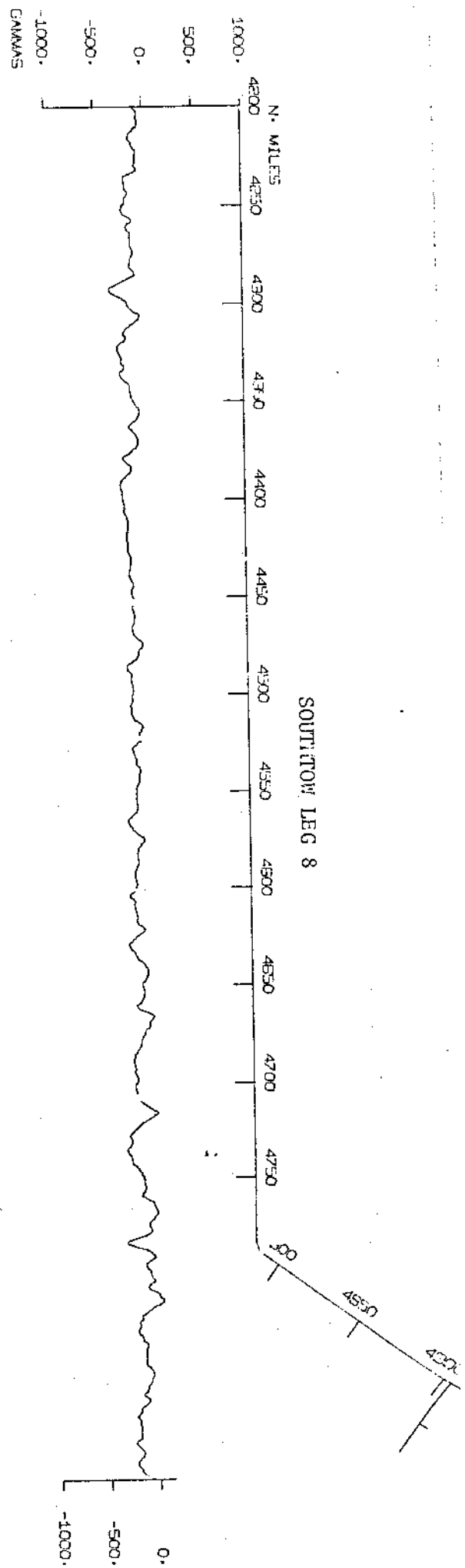
SOUTHTON LEG 8



SOUTHTON LEG 8



SOUTHTON LEG 8



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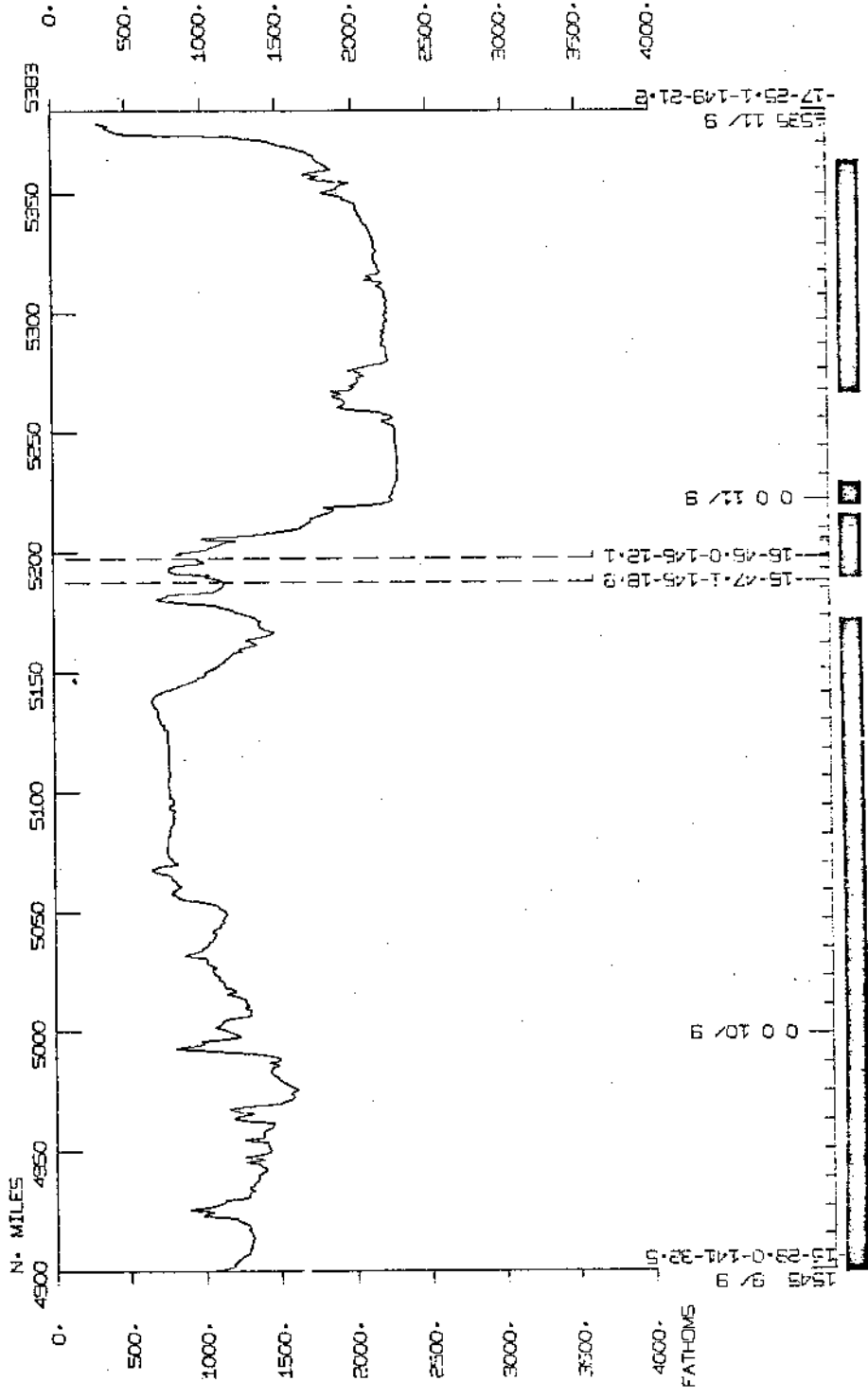
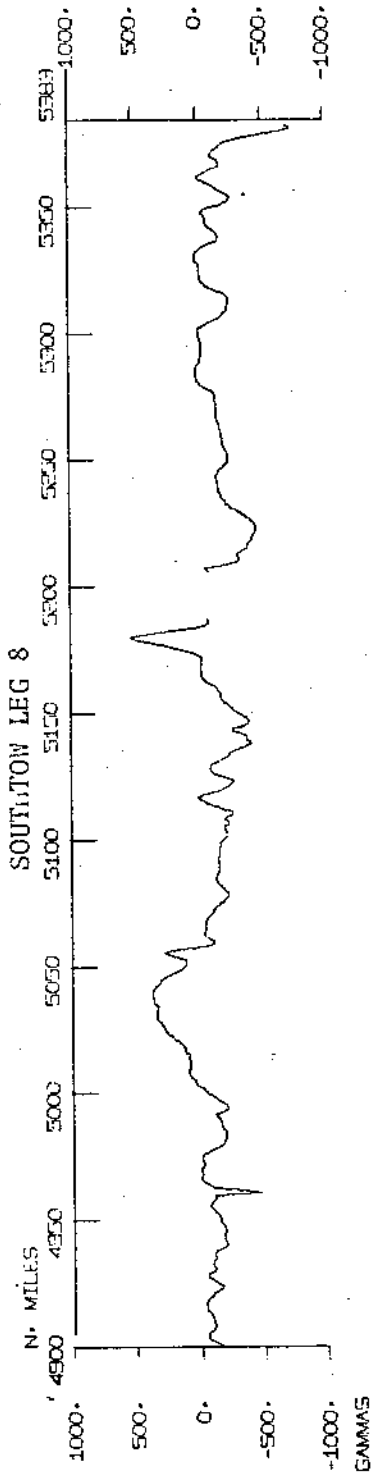
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SOUTHTON LEG 8



UNDERWAY DATA - CURATOR T.E. CHASE 2ND FLOOR AQUARIUM (EXT.1534)

***FAITHGRAMS ***

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
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302 15	872			DPRT B	GDR-12KHZ R-8-02	GDC 15	590S	89 589W	S SOTW08MT
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337 18	872			DPRT B	GDR-12KHZ R-8-03	GDC 15	401S	95 513W	S SOTW08MT
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2235 23	872			DPRT E	GDR-12KHZ R-8-04	GDC 13	520S	102 407W	S SOTW08MT
2243 23	872			DPRT B	GDR-12KHZ R-8-05	GDC 13	524S	102 420W	S SOTW08MT
219 27	872			DPRT E	GDR-12KHZ R-8-05	GDC 15	411S	108 34W	S SOTW08MT
229 27	872			DPRT B	GDR-12KHZ R-8-06	GDC 15	411S	108 34W	S SOTW08MT
2245 28	872			DPRT E	GDR-12KHZ R-8-06	GDC 14	60S	110 488W	S SOTW08MT
2255 28	872			DPRT B	GDR-12KHZ R-8-07	GDC 14	61S	110 489W	S SOTW08MT
1400 31	872			DPRT E	GDR-12KHZ R-8-07	GDC 12	441S	113 465W	S SOTW08MT
1400 31	872			DPRT B	GDR-12KHZ R-8-08	GDC 12	441S	113 465W	S SOTW08MT
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640 3 972				DPRT B	GDR-12KHZ R-8-09	GDC 12	7S	119 435W	S SOTW08MT
955 5 972				DPRT E	GDR-12KHZ R-8-09	GDC 12	376S	125 590W	S SOTW08MT
1015 5 972				DPRT B	GDR-12KHZ R-8-10	GDC 12	376S	125 591W	S SOTW08MT
806 8 972				DPRT E	GDR-12KHZ R-8-10	GDC 14	129S	135 97W	S SOTW08MT
806 8 972				DPRT B	GDR-12KHZ R-8-11	GDC 14	129S	135 97W	S SOTW08MT
430 11 972				DPRT E	GDR-12KHZ R-8-11	GDC 17	11S	147 272W	S SOTW08MT
100 12 872				DPRT B	GDR3.5KHZ R-8-01	GDC 12	199S	78 31W	S SOTW08MT
1015 13 872				DPRT E	GDR3.5KHZ R-8-01	GDC 14	216S	84 191W	S SOTW08MT
1043 13 872				DPRT B	GDR3.5KHZ R-8-02	GDC 14	236S	84 249W	S SOTW08MT
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2200 17 872				DPRT B	GDR3.5KHZ R-8-04	GDC 15	475S	95 495W	S SOTW08MT
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700 21 872				DPRT B	GDR3.5KHZ R-8-05	GDC 16	14S	98 324W	S SOTW08MT
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300 25 872				DPRT B	GDR3.5KHZ R-8-06	GDC 14	104S	103 457W	S SOTW08MT
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TIME DATE TIME TZ SAMP SEQ. DISP CRUISE
 GMT D.M.Y. LOC LOC CODE SAMPLE IDENT. NUM. CODE LAT. LONG. LEG-SHIP

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100	12	872		SPRT	B	AIRGUN-RS-R	-8-01	GDC	12	199S	78	31W	S	SOTW08MT
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36	24	872		SPRT	E	AIRGUN-RS-R	-8-03	GDC	13	594S	102	598W	S	SOTW08MT
2015	24	872		SPRT	B	AIRGUN-RS-R	-8-04	GDC	13	558S	102	571W	S	SOTW08MT
400 11	972			SPRT	E	AIRGUN-RS-R	-8-04	GDC	16	600S	147	221W	S	SOTW08MT

*** MAGNETIMETER ***

TIME	DATE	TIME	TZ	SAMP		SAMPLE IDENT.	SEQ. DISP		LAT.		LONG.		CRUISE	
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100	12	872		MGR	B	MAGNET-ROLL	8-01	GDC	12	199S	78	31W	S	SOTW08MT
1530	29	872		MGR	E	MAGNET-ROLL	8-01	GDC	13	372S	112	176W	S	SOTW08MT
1535	29	872		MGR	B	MAGNET-ROLL	8-02	GDC	13	370S	112	184W	S	SOTW08MT
1420	11	972		MGR	E	MAGNET-ROLL	8-02	GDC	17	241S	149	104W	S	SOTW08MT

*** CORES ***

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	LOC CODE		NUM.	CODE		LEG-SHIP
1021	16	872		C G	SOTW 236	3968	GCR 15 245	94 107M S	SOTW08MT
2322	17	872		C G	SOTW 266	3664	GCR 15 416S	95 523M S	SOTW08MT
2118	19	872		CPV	NO SAMPL RECOVD		GCR 15 304S	96 118M S	SOTW08MT
2118	19	872		CPG	SOTW 29PG	3906	GCR 15 304S	96 118M S	SOTW08MT
125	20	872		CPV	SOTW 30PV	3554	GCR 15 323S	96 228M S	SOTW08MT
125	20	872		CPG	SOTW 30PG	3554	GCR 15 323S	96 228M S	SOTW08MT
1730	1	972		CPV	SOTW 35PV	3550	GCR 12 24S 116	41M S	SOTW08MT
1730	1	972		CPG	SOTW 35PG	3550	GCR 12 24S 116	41M S	SOTW08MT

*** DREDGE ***

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	LOC CODE		NUM.	CODE		LEG-SHIP
1642	16	872		D R B	SOTW 24D	4565	GCR 15 192S	94 204M S	SOTW08MT
2100	16	872		D R E	NO SAMPL RECOVD		GCR 15 219S	94 223M S	SOTW08MT
2125	16	872		D R B	SOTW 25D	3516	GCR 15 206S	94 219M S	SOTW08MT
110	17	872		D R E	NO SAMPL RECOVD		GCR 15 207S	94 253M S	SOTW08MT
1738	18	872		D R B	SOTW 27D	3744	GCR 16 206S	96 495M S	SOTW08MT
2120	18	872		D R E	SOTW 27D	3538	GCR 16 194S	96 525M S	SOTW08MT
907	19	872		D R B	SOTW 28D	4241	GCR 16 8S	95 396M S	SOTW08MT
1208	19	872		D R E	SOTW 28D	3664	GCR 15 597S	95 407M S	SOTW08MT
855	22	872		D R B	SOTW 31D	3930	GCR 16 246S 101	217M S	SOTW08MT
1055	22	872		D R E	SOTW 31D	3930	GCR 16 241S	101 230M S	SOTW08MT
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49	29	872		D R E	SOTW 32D	4800	GCR 14 65S	110 492M S	SOTW08MT
2236	29	872		D R B	SOTW 33D	2746	GCR 13 338S	112 205M S	SOTW08MT
14	30	872		D R E	SOTW 33D	2914	GCR 13 338S	112 213M S	SOTW08MT
622	31	872		D R B	SOTW 34D	3597	GCR 12 444S	113 364M S	SOTW08MT
808	31	872		D R E	SOTW 34D	3292	GCR 12 444S	113 380M S	SOTW08MT
1730	10	972		D R B	SOTW 36D	1660	GCR 16 455S	146 111M S	SOTW08MT
2030	10	972		D R E	SOTW 36D	1660	GCR 16 460S	146 134M S	SOTW08MT

HEAT FLOW SAMPLES - CURATOR RINGER ANDERSON (EXT. 1093)

*** HEAT FLOW ***

TIME GMT	DATE	TIME	TZ	SAMP LOC	CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
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2250	15	872		HF2M		HF8-03-S10	4285	HEP 16	55	93 32M	S SOTW08MT
809	17	872		HF2M		HF8-04-S10	3935	HEP 16	555	94 463M	S SOTW08MT
57	18	872		HF2M		HF8-05-S10	3664	HEP 15	4125	95 523M	S SOTW08MT
1045	18	872		HF2M		HF8-06-S10	3440	HEP 15	4465	96 530M	S SOTW08MT
1725	19	872		HF2M		HF8-07-S10	3664	HEP 15	4005	96 32M	S SOTW08MT
2118	19	872		HF2M		HF8-08-WHO1	3706	HEP 15	3045	96 118M	S SOTW08MT
125	20	872		HF2M		HF8-09-WHO1	3554	HEP 15	3235	96 228M	S SOTW08MT
527	20	872		HF2M		HF8-10-WHO1	3578	HEP 15	3115	96 359M	S SOTW08MT
1025	20	872		HF2M		HF8-11-S10	3544	HEP 15	2925	96 440M	S SOTW08MT
1505	20	872		HF2M		HF8-12-S10	3469	HEP 15	3575	97 119M	S SOTW08MT
1900	20	872		HF2M		HF8-13-S10	3607	HEP 15	4075	97 299M	S SOTW08MT
10	21	872		HF2M		HF8-14-S10	3444	HEP 15	4935	98 7M	S SOTW08MT
1140	21	872		HF2M		HF8-15-S10	3720	HEP 16	1155	99 188M	S SOTW08MT
1913	22	872		HF2M		HF8-16-WHO1	3903	HEP 16	4425	102 193M	S SOTW08MT
217	25	872		HF2M		HF8-17-WHO1	3512	HEP 14	1055	103 463M	S SOTW08MT
311	25	872		HF2M		HF8-17-WHO1	3495	HEP 14	1035	103 458M	S SOTW08MT
407	25	872		HF2M		HF8-17-WHO1	3692	HEP 14	995	103 451M	S SOTW08MT
1135	25	872		HF2M		HF8-18-S10	3936	HEP 14	3735	104 332M	S SOTW08MT
1837	25	872		HF2M		HF8-19-S10	3715	HEP 14	5305	105 161M	S SOTW08MT
151	26	872		HF2M		HF8-20-WHO1	13824	HEP 15	825	106 33M	S SOTW08MT
231	26	872		HF2M		HF8-20-WHO1	13835	HEP 15	805	106 29M	S SOTW08MT
241	26	872		HF2M		HF8-20-WHO1	13839	HEP 15	795	106 29M	S SOTW08MT
853	26	872		HF2M		HF8-21-S10	3784	HEP 15	2035	106 396M	S SOTW08MT
1515	26	872		HF2M		HF8-22-S10	3588	HEP 15	3105	107 172M	S SOTW08MT
316	27	872		HF2M		HF8-23-S10	3560	HEP 15	4125	108 35M	S SOTW08MT
1621	27	872		HF2M		HF8-24-S10	3460	HEP 14	4865	108 81M	S SOTW08MT
742	28	872		HF2M		HF8-25-S10	3440	HEP 14	1875	110 19M	S SOTW08MT
1233	28	872		HF2M		HF8-26-S10	3295	HEP 14	1145	110 235M	S SOTW08MT
1805	28	872		HF2M		HF8-27-S10	3122	HEP 13	285	110 572M	S SOTW08MT
602	29	872		HF2M		HF8-28-S10	3120	HEP 13	5365	111 218M	S SOTW08MT
1119	29	872		HF2M		HF8-29-S10	3211	HEP 13	4475	111 471M	S SOTW08MT
1922	29	872		HF2M		HF8-30-S10	2790	HEP 13	3525	112 201M	S SOTW08MT
1012	30	872		HF2M		HF8-31-S10	2977	HEP 13	3425	112 87M	S SOTW08MT
1516	30	872		HF2M		HF8-32-S10	3116	HEP 13	945	112 267M	S SOTW08MT
1837	30	872		HF2M		HF8-33-S10	3116	HEP 12	5895	112 298M	S SOTW08MT
8	31	872		HF2M		HF8-34-S10	3211	HEP 12	4475	113 16M	S SOTW08MT
1118	31	872		HF2M		HF8-35-WHO1	13294	HEP 12	4465	113 472M	S SOTW08MT
1214	31	872		HF2M		HF8-35-WHO1	13295	HEP 12	4465	113 467M	S SOTW08MT
1234	31	872		HF2M		HF8-35-WHO1	13297	HEP 12	4455	113 466M	S SOTW08MT
1300	31	872		HF2M		HF8-35-WHO1	13261	HEP 12	4435	113 464M	S SOTW08MT
1318	31	872		HF2M		HF8-35-WHO1	13275	HEP 12	4425	113 463M	S SOTW08MT
1750	31	872		HF2M		HF8-36-S10	3369	HEP 12	4575	114 139M	S SOTW08MT
2136	31	872		HF2M		HF8-37-S10	3317	HEP 12	4505	114 302M	S SOTW08MT
454	1	972		HF2M		HF8-38-S10	3418	HEP 11	5715	114 310M	S SOTW08MT
1730	1	972		HF2M		HF8-39-WHO1	3550	HEP 12	245	116 41M	S SOTW08MT
26	2	972		HF2M		HF8-40-S10	3437	HEP 12	15	116 485M	S SOTW08MT
648	2	972		HF4M		HF8-41-S10	3668	HEP 11	5915	117 326M	S SOTW08MT
1552	2	972		HF4M		HF8-42-S10	3574	HEP 11	5915	118 195M	S SOTW08MT
2218	2	972		HF4M		HF8-43-S10	3531	HEP 11	5955	119 6M	S SOTW08MT

953 3 972 HF2M HF8-44-S10 3660 H-P 12 35 119 42/W S S01W08WT
 1855 3 972 HF2M HF8-45-S10 3599 H-P 12 75 120 298W S S01W08WT
 146 4 972 HF2M HF8-46-S10 3787 H-P 12 105 121 164W S S01W08WT
 844 4 972 HF2M HF8-47-S10 3862 H-P 12 55 122 27W S S01W08WT
 1214 5 972 HF2M HF8-48-S10 4015 H-P 12 371S 126 16W S S01W08WT
 2136 7 972 HF2M HF8-49-S10 4469 H-P 14 65 134 36W S S01W08WT

DATA COLLECTION AND PROCESSING GROUP-F.WILKES (EXT.1140)

*** HYDROGRAPHIC CAST ***

TIME	DATE	TIME T2	SAMP	SAMP	IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE		NUM. CODE			LEG-SHIP
105	15	872	HCNA	B	CRAIG-WS-8-02-L1	GSX 15	588S	89 588W	S S01W08WT
239	15	872	HCNA	E	CRAIG-WS-8-02-L1	GSX 15	589S	89 588W	S S01W08WT
555	24	872	HCNA	B	CRAIG-WS-8-04-L2	GSX 13	583S	102 584W	S S01W08WT
738	24	872	HCNA	E	CRAIG-WS-8-04-L2	GSX 13	577S	102 578W	S S01W08WT
420	27	872	HCNA	B	CRAIG-WS-8-06-L3	GSX 15	410S	108 34W	S S01W08WT
554	27	872	HCNA	E	CRAIG-WS-8-06-L3	GSX 15	406S	108 36W	S S01W08WT
2025	29	872	HCNA	B	CRAIG-WS-8-08-L4	GSX 13	348S	112 204W	S S01W08WT
2145	29	872	HCNA	E	CRAIG-WS-8-08-L4	GSX 13	341S	112 202W	S S01W08WT
1950	4	972	HCNA	B	CRAIG-WS-8-11-L6	GSX 12	195S	124 35W	S S01W08WT
1103	5	972	HCNA	E	CRAIG-WS-8-11-L6	GSX 12	374S	125 594W	S S01W08WT
1710	7	972	HCNA	B	CRAIG-WS-8-13-L7	GSX 14	55 134	49W	S S01W08WT
2023	7	972	HCNA	E	CRAIG-WS-8-13-L7	GSX 14	65 134	41W	S S01W08WT
1655	14	872	HCNI	B	CRAIG-WS-8-01-L1	GSX 15	599S	89 590W	S S01W08WT
2255	14	872	HCNI	E	CRAIG-WS-8-01-L1	GSX 15	592S	89 587W	S S01W08WT
51	24	872	HCNI	B	CRAIG-WS-8-03-L2	GSX 13	599S	103 6W	S S01W08WT
400	24	872	HCNI	E	CRAIG-WS-8-03-L2	GSX 13	590S	102 597W	S S01W08WT
740	24	872	HCNI		TRITIUM CAST	MLK 13	577S	102 578W	S S01W08WT
2100	26	872	HCNI	B	CRAIG-WS-8-05-L3	GSX 15	406S	108 22W	S S01W08WT
218	27	872	HCNI	E	CRAIG-WS-8-05-L3	GSX 15	411S	108 34W	S S01W08WT
1555	29	872	HCNI	B	CRAIG-WS-8-07-L4	GSX 13	363S	112 202W	S S01W08WT
1825	29	872	HCNI	E	CRAIG-WS-8-07-L4	GSX 13	355S	112 203W	S S01W08WT
405	3	972	HCNI	B	CRAIG-WS-8-09-L5	GSX 12	75 119	441W	S S01W08WT
847	3	972	HCNI	E	CRAIG-WS-8-09-L5	GSX 12	55 119	431W	S S01W08WT
1316	5	972	HCNI		TRITIUM CAST	MLK 12	369S	126 21W	S S01W08WT
1316	5	972	HCNI	B	CRAIG-WS-8-12-L6	GSX 12	369S	126 21W	S S01W08WT
1438	5	972	HCNI	E	CRAIG-WS-8-12-L6	GSX 12	366S	126 27W	S S01W08WT
2250	7	972	HCNI	B	CRAIG-WS-8-14-L7	GSX 14	35 134	38W	S S01W08WT
3	8	972	HCNI	E	CRAIG-WS-8-14-L7	GSX 14	05 134	40W	S S01W08WT

CONTINUOUS SURFACE SAMPLES

TIME GMT	DATE D.M.Y.	TIME LDC	TZ LDC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
105	24	872		CSH3	H3-SURFACE-SAM01	MLK 13	5995	103	5W	S S S OTW08MT
123	26	872		CSH3	H3-SURFACE-SAM02	MLK 15	845	106	36W	S S S OTW08MT
36	28	872		CSH3	H3-SURFACE-SAM03	MLK 14	3175	109	13W	S S S OTW08MT
1525	29	872		CSH3	H3-SURFACE-SAM04	MLK 13	3745	112	168W	S S S OTW08MT
1456	2	972		CSH3	H3-SURFACE-SAM05	MLK 11	5985	118	197W	S S S OTW08MT
132	4	972		CSH3	H3-SURFACE-SAM06	MLK 12	105	121	163W	S S S OTW08MT
2001	4	972		CSH3	H3-SURFACE-SAM07	MLK 12	1985	124	58W	S S S OTW08MT
2043	6	972		CSH3	H3-SURFACE-SAM08	MLK 13	1835	130	20W	S S S OTW08MT
1147	7	972		CSH3	H3-SURFACE-SAM09	MLK 13	5045	133	14W	S S S OTW08MT
1248	8	972		CSH3	H3-SURFACE-SAM10	MLK 14	2465	136	44W	S S S OTW08MT
2015	14	872		CSP1	STONECIP-WS-8-01	STN 15	5965	89	588W	S S S OTW08MT
751	24	872		HCP1 B	STONECIP-WS-8-02	STN 13	5775	102	576W	S S S OTW08MT
1935	24	872		HCP1 E	STONECIP-WS-8-02	STN 13	5515	102	549W	S S S OTW08MT
2115	26	872		CSP1 B	STONECIP-WS-8-03	STN 15	4065	108	23W	S S S OTW08MT
350	27	872		CSP1 E	STONECIP-WS-8-03	STN 15	4125	108	34W	S S S OTW08MT
1750	29	872		CSP1 B	STONECIP-WS-8-04	STN 13	3575	112	204W	S S S OTW08MT
40	30	872		CSP1 E	STONECIP-WS-8-04	STN 13	3375	112	216W	S S S OTW08MT
1110	3	972		HCNI B	CRAIG-WS-8-10-L5	GSX 11	6005	119	422W	S S S OTW08MT
1236	3	972		HCNI E	CRAIG-WS-8-10-L5	GSX 11	5985	119	421W	S S S OTW08MT
1450	5	972		HCP1 B	STONECIP-WS-8-05	STN 12	3655	126	27W	S S S OTW08MT
115	6	972		HCP1 E	STONECIP-WS-8-05	STN 12	3535	126	84W	S S S OTW08MT

SPECIAL PERU CURRENT SAMPLES

NOTE (IF) FORMULA = SALINITY ROUTLE NO. - XBT NO. - TEMP DEGREES C

11	8721530	50	B01P92-XBT0121.0	12	225	77	145W	S	S	S OTW08MT
11	8721600	50	B0163A-XBT0221.1	12	205	77	211W	S	S	S OTW08MT
11	8721631	50	B0195HHXBT0320.9	12	195	77	277W	S	S	S OTW08MT
11	8721705	50	B01555-XBT0420.8	12	205	77	350W	S	S	S OTW08MT
11	8721730	50	B01GC69XBT0520.8	12	245	77	404W	S	S	S OTW08MT
11	8721803	50	B014H--XBT0620.8	12	305	77	475W	S	S	S OTW08MT
11	8721830	50	B01045-XBT0720.5	12	705	77	515W	S	S	S OTW08MT
11	8721905	50	B0122--XBT0820.5	12	1255	77	565W	S	S	S OTW08MT
11	8721935	50	B0115--XBT0920.0	12	1725	78	7W	S	S	S OTW08MT
11	8722029	50	B0170YYYXBT1020.3	12	2455	78	74W	S	S	S OTW08MT
11	8722134	50	B01H10DXBT1120.1	12	3345	78	178W	S	S	S OTW08MT
11	8722228	50	B0169NNXBT11220.5	12	3115	78	296W	S	S	S OTW08MT
11	8722358	50	B01CC76XBT11320.3	12	2605	78	449W	S	S	S OTW08MT
12	872	32	B0115XXXT11420.4	12	2935	78	556W	S	S	S OTW08MT
12	872	134	B01344HXT11520.4	12	3915	79	51W	S	S	S OTW08MT
12	872	234	B0176SSXBT11620.3	12	4845	79	141W	S	S	S OTW08MT
12	872	328	B01262-XBT11720.1	12	5285	79	234W	S	S	S OTW08MT
12	872	430	B018MM-XBT11819.8	12	4985	79	367W	S	S	S OTW08MT
12	872	534	B01KK88XBT11920.0	12	4645	79	504W	S	S	S OTW08MT
12	872	630	B0157KKXBT12019.7	12	4955	80	2W	S	S	S OTW08MT

BATHYTHERMOGRAPHS - CURATOR MARGARET ROBINSON (EXT.11351)

*** BATHYTHERMOGRAPH ***

TIME	DATE	TIME T2	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC CODE		NUM. CODE			LEG-SHIP
3	13	872	BIX	XBT-8-01	BTS 13 3655	82	120W	S OTW08WT
1222	13	872	BIX	XBT-8-02	BTS 14 3065	84	456W	S OTW08WT
1803	13	872	BIX	XBT-8-03	BTS 14 5085	85	576W	S OTW08WT
4	14	872	BIX	XBT-8-04	BTS 15 455	87	144W	S OTW08WT
1205	14	872	BIX	XBT-8-05	BTS 15 4015	89	19W	S OTW08WT
1206	16	872	BIX	XBT-8-06	BTS 15 895	94	138W	S OTW08WT
1210	17	872	BIX	XBT-8-07	BTS 16 2675	94	587W	S OTW08WT
1210	18	872	BIX	XBT-8-08	BTS 15 4815	96	529W	S OTW08WT
1	19	872	BIX	XBT-8-09	BTS 16 1575	96	322W	S OTW08WT
2355	19	872	BIX	XBT-8-10	BTS 15 3105	96	224W	S OTW08WT
1210	20	872	BIX	XBT-8-11	BTS 15 3235	96	510W	S OTW08WT
1801	20	872	BIX	XBT-8-12	BTS 15 4025	97	289W	S OTW08WT
1115	21	872	BIX	XBT-8-13	BTS 16 1605	99	148W	S OTW08WT
1802	21	872	BIX	XBT-8-14	BTS 16 2425	100	134W	S OTW08WT
5	22	872	BIX	XBT-8-15	BTS 16 1915	100	593W	S OTW08WT
1310	22	872	BIX	XBT-8-16	BTS 16 2405	101	336W	S OTW08WT
5	23	872	BIX	XBT-8-17	BTS 15 5935	102	80W	S OTW08WT
1804	23	872	BIX	XBT-8-18	BTS 13 3755	101	566W	S OTW08WT
15	24	872	BIX	XBT-8-19	BTS 13 5825	102	565W	S OTW08WT
4	25	872	BIX	XBT-8-20	BTS 14 705	103	332W	S OTW08WT
6	26	872	BIX	XBT-8-21	BTS 15 555	105	548W	S OTW08WT
1224	26	872	BIX	XBT-8-22	BTS 15 2565	106	581W	S OTW08WT
1406	26	872	BIX	XBT-8-23	BTS 15 3525	107	352W	S OTW08WT
1225	27	872	BIX	XBT-8-24	BTS 15 775	108	143W	S OTW08WT
1844	27	872	BIX	XBT-8-25	BTS 14 4395	108	302W	S OTW08WT
1310	29	872	BIX	XBT-8-26	BTS 13 4265	111	550W	S OTW08WT
1315	30	872	BIX	XBT-8-27	BTS 13 1905	112	206W	S OTW08WT
34	1	972	BIX	XBT-8-28	BTS 12 2715	114	309W	S OTW08WT
1320	1	972	BIX	XBT-8-29	BTS 12 35	115	359W	S OTW08WT
1221	2	972	BIX	XBT-8-30	BTS 11 5815	117	552W	S OTW08WT
1800	2	972	BIX	XBT-8-31	BTS 11 5875	118	277W	S OTW08WT
5	3	972	BIX	XBT-8-32	BTS 11 5955	119	73W	S OTW08WT
1332	3	972	BIX	XBT-8-33	BTS 12 15	119	486W	S OTW08WT
12	4	972	BIX	XBT-8-34	BTS 12 55	121	102W	S OTW08WT
1210	4	972	BIX	XBT-8-35	BTS 12 365	122	296W	S OTW08WT
1800	4	972	BIX	XBT-8-36	BTS 12 1625	123	408W	S OTW08WT
3	5	972	BIX	XBT-8-37	BTS 12 2795	124	546W	S OTW08WT
1214	6	972	BIX	XBT-8-38	BTS 12 5935	128	196W	S OTW08WT
1814	6	972	BIX	XBT-8-39	BTS 13 1295	129	323W	S OTW08WT
17	7	972	BIX	XBT-8-40	BTS 13 2615	130	447W	S OTW08WT
1308	8	972	BIX	XBT-8-41	BTS 13 5265	133	176W	S OTW08WT
1211	8	972	BIX	XBT-8-42	BTS 14 2295	135	571W	S OTW08WT
1809	8	972	BIX	XBT-8-43	BTS 14 3965	137	90W	S OTW08WT
14	8	972	BIX	XBT-8-44	BTS 14 15	134	45W	S OTW08WT
606	9	972	BIX	XBT-8-45	BTS 15 375	139	338W	S OTW08WT
1159	9	972	BIX	XBT-8-46	BTS 15 1765	140	468W	S OTW08WT
1801	9	972	BIX	XBT-8-47	BTS 15 3425	141	597W	S OTW08WT
4	10	972	BIX	XBT-8-48	BTS 15 5555	143	115W	S OTW08WT

606 10 972 BTX XBT-8-49 BTS 16 1535 144 237M S SOTW08MT
 1205 10 972 BTX XBT-8-50 BTS 16 3085 145 328M S SOTW08MT
 6 11 972 BTX XBT-8-51 BTS 16 4975 146 370M S SOTW08MT
 1212 11 972 BTX XBT-8-52 BTS 17 1985 148 478M S SOTW08MT

NON-SID PROGRAMS-PROCESSOR J.L.COATS WORTH EXT. 2846

AEROSOLS--A.W.HOGAN S.U.N.Y.

AEROSOLS

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LUC	LDC	CODE		NUM. CODE			LEG-SHIP
1907	13	872		ASNU	AEROSOL-8-01		AWH 14 5335	86 115M S	SOTW08MT
110	14	872		ASNU	AEROSOL-8-02		AWH 15 915	87 281M S	SOTW08MT
1235	14	872		ASNU	AEROSOL-8-03		AWH 15 4205	89 81M S	SOTW08MT
1240	16	872		ASNU	AEROSOL-8-04		AWH 15 1365	94 164M S	SOTW08MT
1240	17	872		ASNU	AEROSOL-8-05		AWH 16 3045	95 14M S	SOTW08MT
25	18	872		ASNU	AEROSOL-8-06		AWH 15 4135	95 523M S	SOTW08MT
1235	18	872		ASNU	AEROSOL-8-07		AWH 15 5205	96 527M S	SOTW08MT
1809	18	872		ASNU	AEROSOL-8-08		AWH 16 2045	96 497M S	SOTW08MT
35	19	872		ASNU	AEROSOL-8-09		AWH 16 1495	96 275M S	SOTW08MT
1805	19	872		ASNU	AEROSOL-8-10		AWH 15 3955	96 31M S	SOTW08MT
3	20	872		ASNU	AEROSOL-8-11		AWH 15 3115	96 234M S	SOTW08MT
3	20	872		ASNU	AEROSOL-8-12		AWH 15 4035	97 293M S	SOTW08MT
1232	20	872		ASNU	AEROSOL-8-13		AWH 15 4935	98 7M S	SOTW08MT
1803	20	872		ASNU	AEROSOL-8-14		AWH 16 1515	99 277M S	SOTW08MT
2358	20	872		ASNU	AEROSOL-8-15		AWH 16 2415	100 144M S	SOTW08MT
1236	21	872		ASNU	AEROSOL-8-16		AWH 16 1905	100 589M S	SOTW08MT
1808	21	872		ASNU	AEROSOL-8-17		AWH 16 2695	101 303M S	SOTW08MT
3	22	872		ASNU	AEROSOL-8-18		AWH 16 4435	102 182M S	SOTW08MT
1250	22	872		ASNU	AEROSOL-8-19		AWH 15 5975	102 81M S	SOTW08MT
1752	22	872		ASNU	AEROSOL-8-20		AWH 13 3925	101 224M S	SOTW08MT
3	23	872		ASNU	AEROSOL-8-21		AWH 13 3705	101 547M S	SOTW08MT
1235	23	872		ASNU	AEROSOL-8-22		AWH 13 5795	102 557M S	SOTW08MT
1752	23	872		ASNU	AEROSOL-8-23		AWH 13 5555	102 552M S	SOTW08MT
10	24	872		ASNU	AEROSOL-8-24		AWH 14 675	103 322M S	SOTW08MT
1805	24	872		ASNU	AEROSOL-8-25		AWH 14 3815	104 353M S	SOTW08MT
2358	24	872		ASNU	AEROSOL-8-26		AWH 14 5305	105 160M S	SOTW08MT
1309	25	872		ASNU	AEROSOL-8-27		AWH 15 595	105 559M S	SOTW08MT
1808	25	872		ASNU	AEROSOL-8-28		AWH 15 2615	106 599M S	SOTW08MT
13	26	872		ASNU	AEROSOL-8-29		AWH 15 3555	107 383M S	SOTW08MT
1235	26	872		ASNU	AEROSOL-8-30		AWH 15 4085	108 29M S	SOTW08MT
1824	26	872		ASNU	AEROSOL-8-31		AWH 14 5975	108 95M S	SOTW08MT
1315	27	872		ASNU	AEROSOL-8-32		AWH 14 4345	108 325M S	SOTW08MT
1858	27	872		ASNU	AEROSOL-8-33		AWH 14 3155	109 19M S	SOTW08MT
26	27	872		ASNU	AEROSOL-8-34		AWH 14 295	110 569M S	SOTW08MT
40	28	872		ASNU	AEROSOL-8-35		AWH 14 655	110 492M S	SOTW08MT
1849	28	872		ASNU	AEROSOL-8-36		AWH 14 4175	111 585M S	SOTW08MT
48	29	872		ASNU	AEROSOL-8-37		AWH 13 3535	112 203M S	SOTW08MT
1332	29	872		ASNU	AEROSOL-8-38		AWH 13 3375	112 216M S	SOTW08MT
1855	29	872		ASNU	AEROSOL-8-39		AWH 13 2005	112 198M S	SOTW08MT
40	30	872		ASNU	AEROSOL-8-40		AWH 13 5885	112 298M S	SOTW08MT
1307	30	872		ASNU	AEROSOL-8-41		AWH 12 4465	113 16M S	SOTW08MT
1900	30	872		ASNU	AEROSOL-8-42				
0	31	872		ASNU					

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	CDUE		NUM. CODE			LEG-SHIP
1930	31	8	12	ASNU	AEROSOL-8-43		AMH 12 4555	114 176W	S SOTW08WT
23	1	9	12	ASNU	AEROSOL-8-44		AMH 12 2875	114 308W	S SOTW08WT
1334	1	9	12	ASNU	AEROSOL-8-45		AMH 12 45	115 378W	S SOTW08WT
1810	1	9	12	ASNU	AEROSOL-8-46		AMH 12 265	116 45W	S SOTW08WT
35	2	9	12	ASNU	AEROSOL-8-47		AMH 12 05	116 485W	S SOTW08WT
1241	2	9	12	ASNU	AEROSOL-8-48		AMH 11 5835	117 585W	S SOTW08WT
1800	2	9	12	ASNU	AEROSOL-8-49		AMH 11 5875	118 277W	S SOTW08WT
0	3	9	12	ASNU	AEROSOL-6-50		AMH 11 5955	119 65W	S SOTW08WT
1402	3	9	12	ASNU	AEROSOL-8-51		AMH 12 35	119 534W	S SOTW08WT
50	4	9	12	ASNU	AEROSOL-8-52		AMH 12 65	121 159W	S SOTW08WT
1302	4	9	12	ASNU	AEROSOL-8-53		AMH 12 525	122 405W	S SOTW08WT
1805	4	9	12	ASNU	AEROSOL-8-54		AMH 12 1645	123 418W	S SOTW08WT
8	5	9	12	ASNU	AEROSOL-8-55		AMH 12 2815	124 556W	S SOTW08WT
30	6	9	12	ASNU	AEROSOL-8-56		AMH 12 3545	126 79W	S SOTW08WT
1247	6	9	12	ASNU	AEROSOL-8-57		AMH 13 75	128 264W	S SOTW08WT
1807	6	9	12	ASNU	AEROSOL-8-58		AMH 13 1275	129 309W	S SOTW08WT
5	7	9	12	ASNU	AEROSOL-8-59		AMH 13 2575	130 423W	S SOTW08WT
1332	7	9	12	ASNU	AEROSOL-8-60		AMH 13 5335	133 224W	S SOTW08WT
1820	8	9	12	ASNU	AEROSOL-8-61		AMH 14 4005	137 111W	S SOTW08WT

IRON 55-P LANKTON-C.D. JENNINGS ORE. COLL. EDUCATION

TIME	DATE	TIME	TZ	SAMP	SAMPLE IDENT.	SEQ. DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	CDUE		NUM. CODE			LEG-SHIP
1148	12	8	12	CSFE B	JENNINGS-MS-8-01		CDJ 12 5025	80 2M	S SOTW08WT
1310	12	8	12	CSFE E	JENNINGS-MS-8-01		CDJ 12 4975	80 0W	S SOTW08WT
215	14	8	12	CSFE B	JENNINGS-MS-8-02		CDJ 15 1265	87 375W	S SOTW08WT
330	14	8	12	CSFE E	JENNINGS-MS-8-02		CDJ 15 1255	87 375W	S SOTW08WT
655	16	8	12	CSFE B	JENNINGS-MS-8-03		CDJ 15 1135	93 522W	S SOTW08WT
1117	16	8	12	CSFE E	JENNINGS-MS-8-03		CDJ 15 275	94 106W	S SOTW08WT
206	18	8	12	CSFE B	JENNINGS-MS-8-04		CDJ 15 4085	95 522W	S SOTW08WT
600	18	8	12	CSFE E	JENNINGS-MS-8-04		CDJ 15 4175	96 126W	S SOTW08WT
2020	22	8	12	CSFE B	JENNINGS-MS-8-05		CDJ 16 4135	102 189W	S SOTW08WT
150	23	8	12	CSFE F	JENNINGS-MS-8-05		CDJ 15 4035	102 20W	S SOTW08WT
0	27	8	12	CSFE B	JENNINGS-MS-8-06		CDJ 15 4075	108 26W	S SOTW08WT
600	27	8	12	CSFE F	JENNINGS-MS-8-06		CDJ 15 4065	108 36W	S SOTW08WT
1830	29	8	12	CSFE B	JENNINGS-MS-8-07		CDJ 13 3555	112 203W	S SOTW08WT
120	30	8	12	CSFE E	JENNINGS-MS-8-07		CDJ 13 3365	112 242W	S SOTW08WT
445	2	9	12	CSFE B	JENNINGS-MS-8-08		CDJ 11 5995	117 217W	S SOTW08WT
956	2	9	12	CSFE F	JENNINGS-MS-8-08		CDJ 11 5725	117 321W	S SOTW08WT
400	5	9	12	CSFE B	JENNINGS-MS-8-09		CDJ 12 3635	125 413W	S SOTW08WT
1000	5	9	12	CSFE E	JENNINGS-MS-8-09		CDJ 12 3765	125 590W	S SOTW08WT
2145	6	9	12	CSFE B	JENNINGS-MS-8-10		CDJ 13 2065	130 144W	S SOTW08WT
250	7	9	12	CSFE E	JENNINGS-MS-8-10		CDJ 13 3185	131 155W	S SOTW08WT

300	0	972	CSFE U JENNINGS-WS-0-11	CDJ 14	1285	135	96W	S	SOTW08MT
800	8	972	CSFE E JENNINGS-WS-8-11	CDJ 14	1285	135	96W	S	SOTW08MT
715	9	972	CSFE B JENNINGS-WS-8-12	CDJ 15	615	139	480W	S	SOTW08MT
1354	9	972	CSFE E JENNINGS-WS-8-12	CDJ 15	2305	141	100W	S	SOTW08MT
1735	9	972	CSFE B JENNINGS-WS-8-13	CDJ 15	3305	141	545W	S	SOTW08MT
2315	9	972	CSFE E JENNINGS-WS-8-13	CDJ 15	5275	143	17W	S	SOTW08MT
1820	10	972	CSFE B JENNINGS-WS-8-14	CDJ 16	4585	146	117W	S	SOTW08MT
2319	10	972	CSFE E JENNINGS-WS-8-14	CDJ 16	4765	146	275W	S	SOTW08MT

*** OPEN NET ***

350	14	872	ONIM B JENN.-PLANK-8-01	CDJ 15	1245	87	376W	S	SOTW08MT
503	14	872	ONIM F JENN.-PLANK-8-01	CDJ 15	1285	87	367W	S	SOTW08MT
201	18	872	ONIM B JENN.-PLANK-8-02	CDJ 15	4095	95	522W	S	SOTW08MT
345	18	872	ONIM F JENN.-PLANK-8-02	CDJ 15	4005	95	512W	S	SOTW08MT
411	24	872	ONIM B JENN.-PLANK-8-03	CDJ 13	5895	102	597W	S	SOTW08MT
550	24	872	ONIM E JENN.-PLANK-8-03	CDJ 13	5835	102	585W	S	SOTW08MT
555	27	872	ONIM B JENN.-PLANK-8-04	CDJ 15	4065	108	36W	S	SOTW08MT
748	27	872	ONIM E JENN.-PLANK-8-04	CDJ 15	3965	108	42W	S	SOTW08MT
805	2	972	ONIM B JENN.-PLANK-8-05	CDJ 11	5885	117	327W	S	SOTW08MT
956	2	972	ONIM E JENN.-PLANK-8-05	CDJ 11	5725	117	321W	S	SOTW08MT
600	5	972	ONIM B JENN.-PLANK-8-06	CDJ 12	3925	126	17W	S	SOTW08MT
740	5	972	ONIM F JENN.-PLANK-8-06	CDJ 12	3835	125	596W	S	SOTW08MT
614	8	972	ONIM B JENN.-PLANK-8-07	CDJ 14	1375	135	113W	S	SOTW08MT
800	8	972	ONIM E JENN.-PLANK-8-07	CDJ 14	1285	135	96W	S	SOTW08MT
2105	10	972	ONIM B JENN.-PLANK-8-08	CDJ 16	4675	146	185W	S	SOTW08MT
2218	10	972	ONIM E JENN.-PLANK-8-08	CDJ 16	4565	146	188W	S	SOTW08MT

99 END SAMPLE INDEX