

T 1 Book

PRELIMINARY REPORT AND INDEX
OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
SOUTHTOW EXPEDITION
LEG 9
R/V WASHINGTON

Papeete, Tahiti (17 Sept. 1972)

To

Pago Pago, Samoa (19 Oct. 1972)

Chief Scientist, Leg 9 - J. Hawkins

Cruise Coordinator - J. Mudie

Airgun Tech. - R. Bongard

Computer Tech. - L. Abbott

Resident Marine Tech. - D. Fornari

Data Processed by D. Fornari, U. Albright, J. Moore

Geological Data Center

T. E. Chase - Curator

S. M. Smith - Data Processing Coordinator

Scripps Institution of Oceanography

La Jolla, California

November 16, 1972

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

Contents:

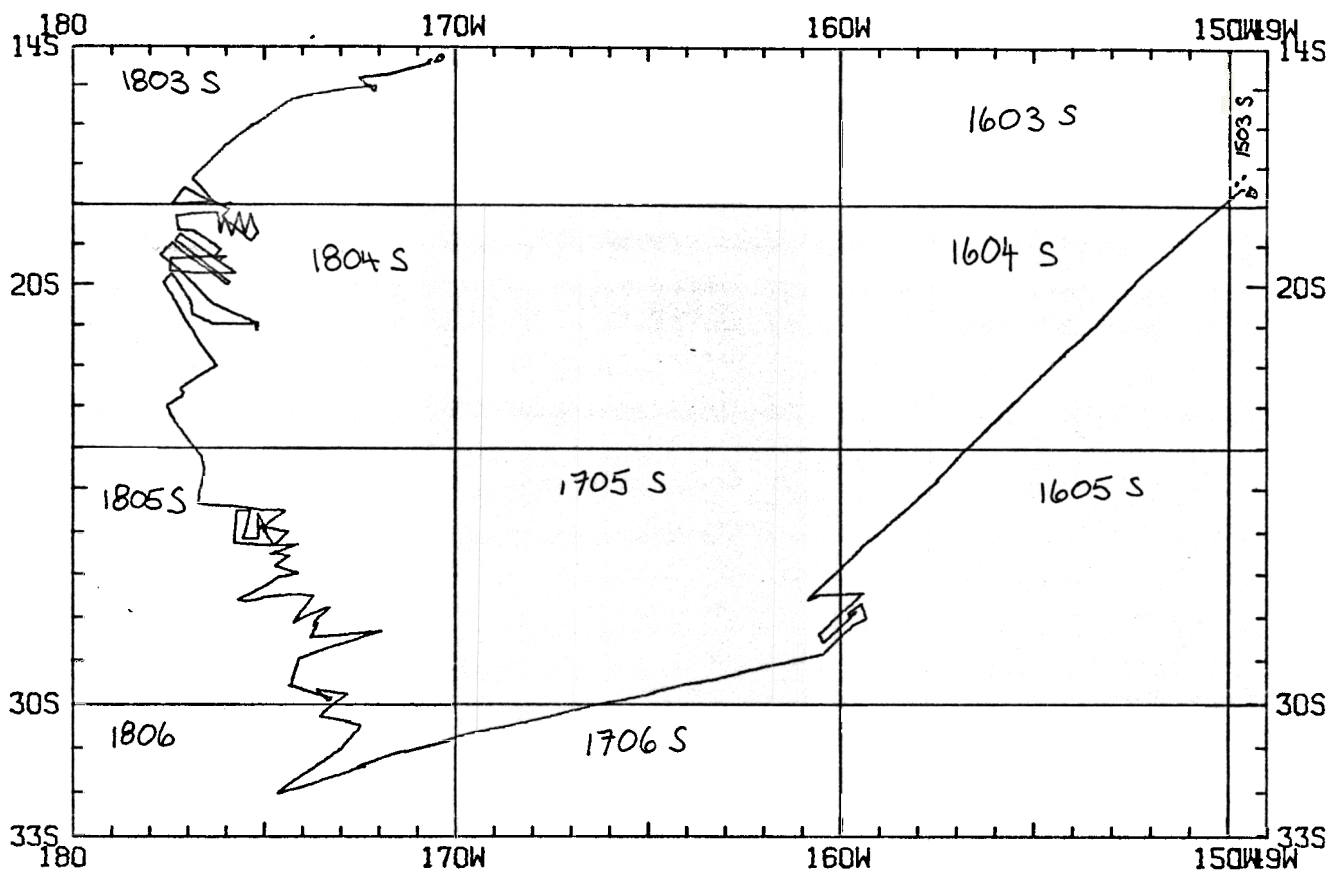
- Index Chart** - gives track of cruise leg and boundaries of depth compilation plots (see below).
- Track Charts** - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.
- Profiles** - Depth 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. Sections of track having magnetic data have a dashed black line above the depth 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

SOUTHTOW LEG 9

magnetic data declared proprietary by J.Hawkins

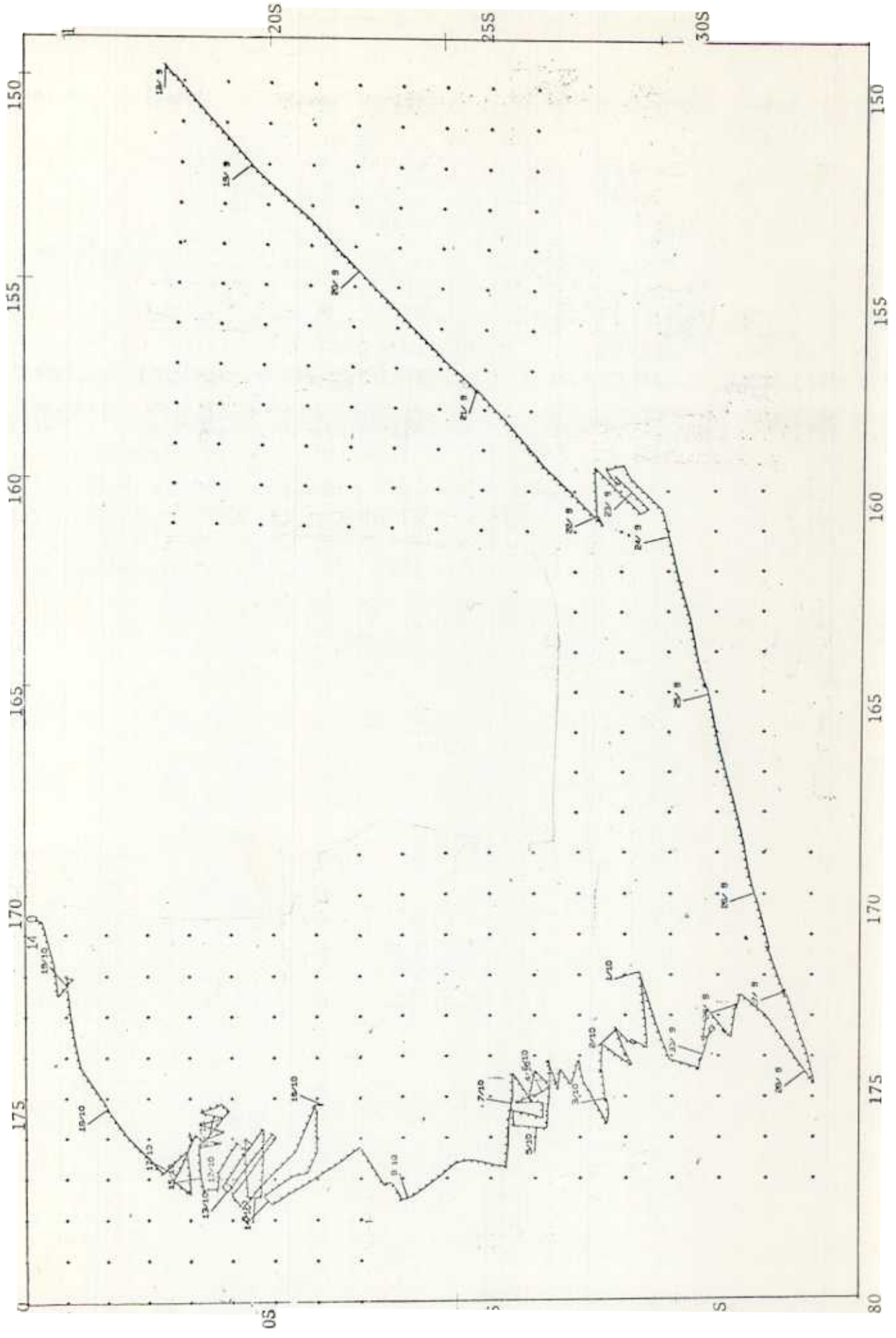


SOUTHTOW EXPEDITION
 LEG 9
 R/V T. WASHINGTON

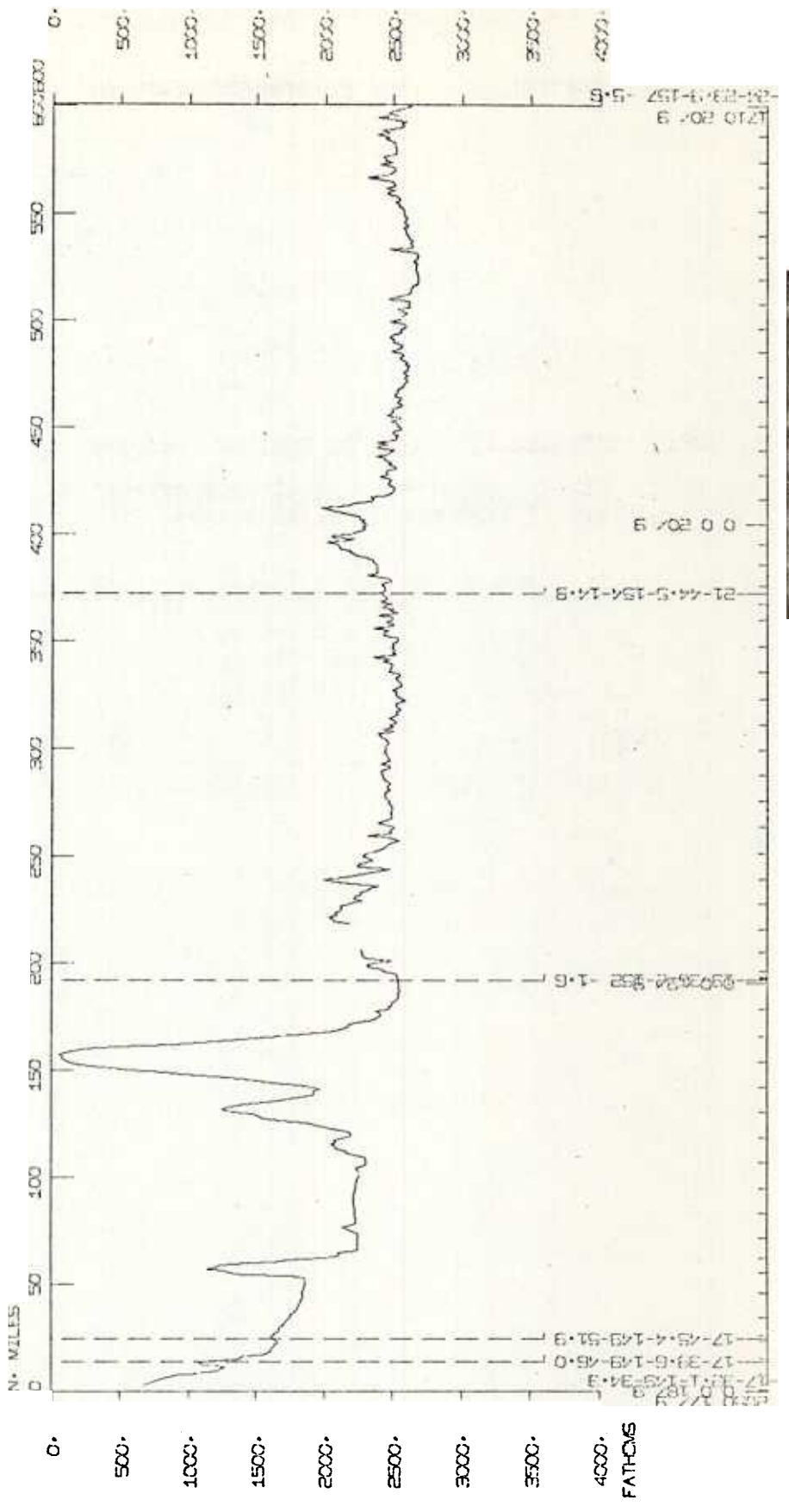
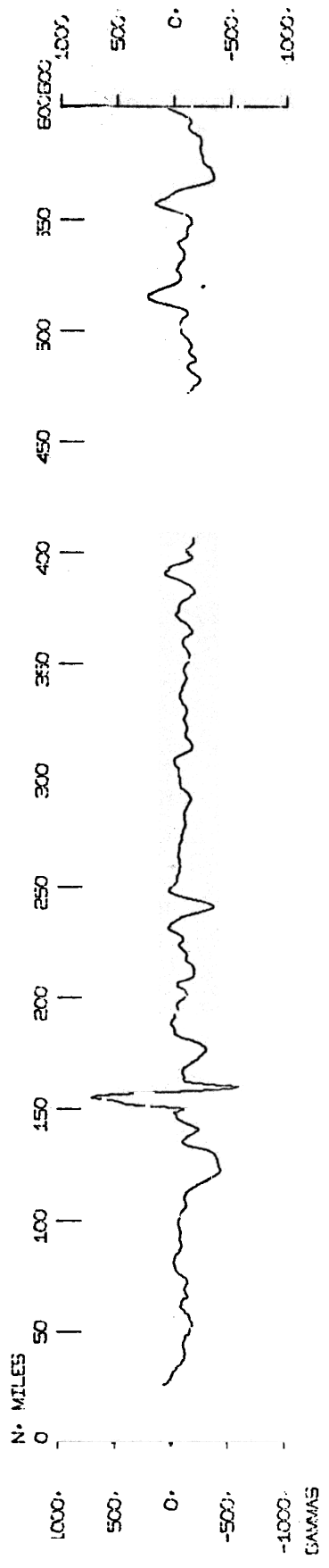
Papeete, Tahiti - Pago Pago, Samoa (17 Sept. 1972 - 19 Oct. 1972)

TOTAL MILEAGE

- 1) Cruise - 6522.8 miles
- 2) Bathymetry - 6473 miles
- 3) Magnetics - 6228 miles
- 4) Seismic Reflection - 5628 miles

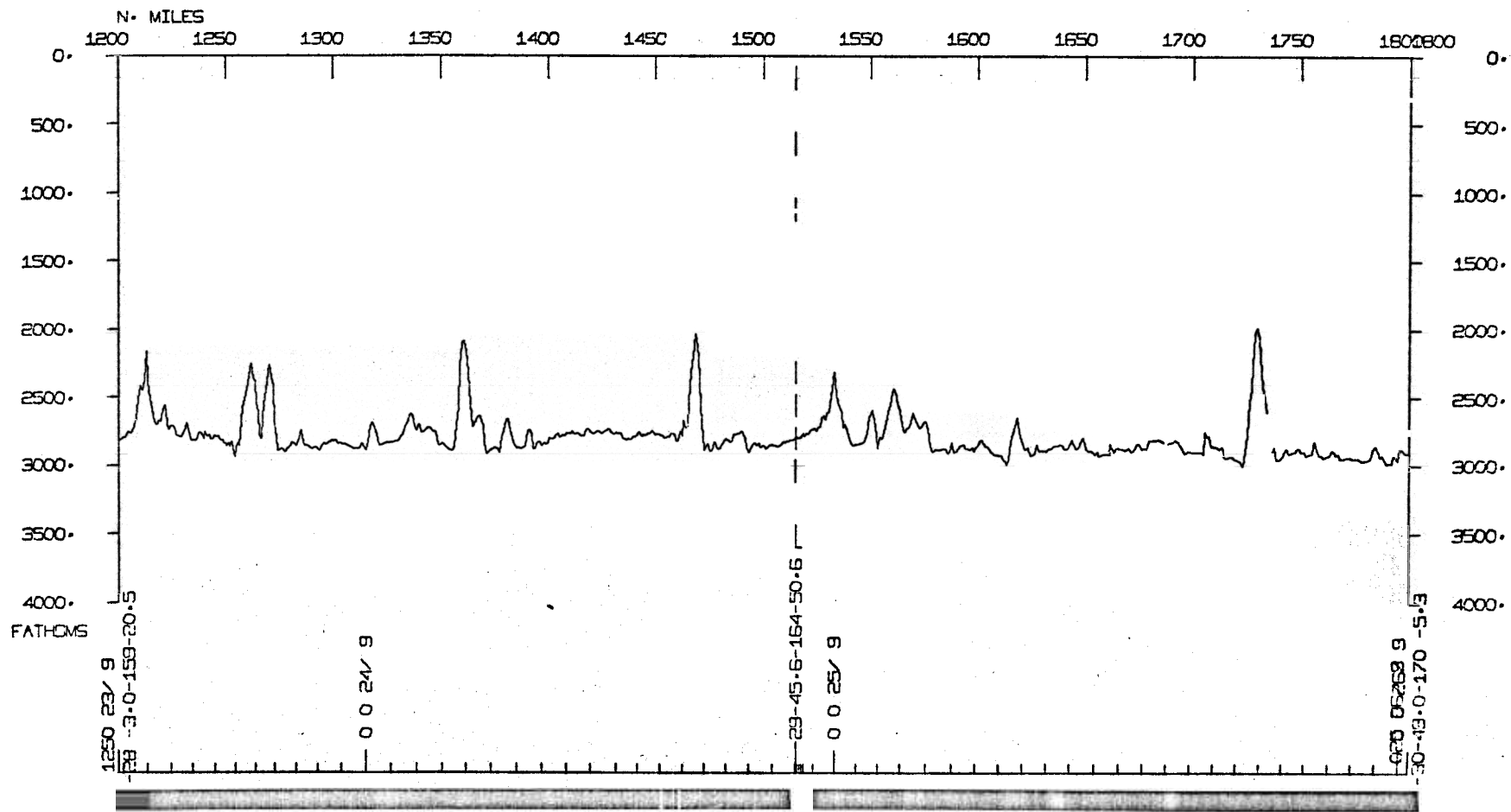
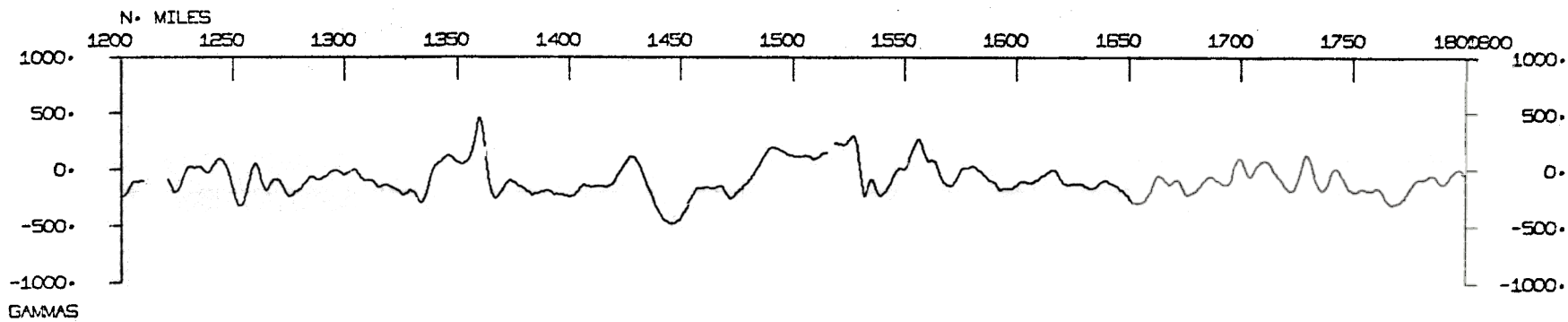


SOUTHWEST LEG 9

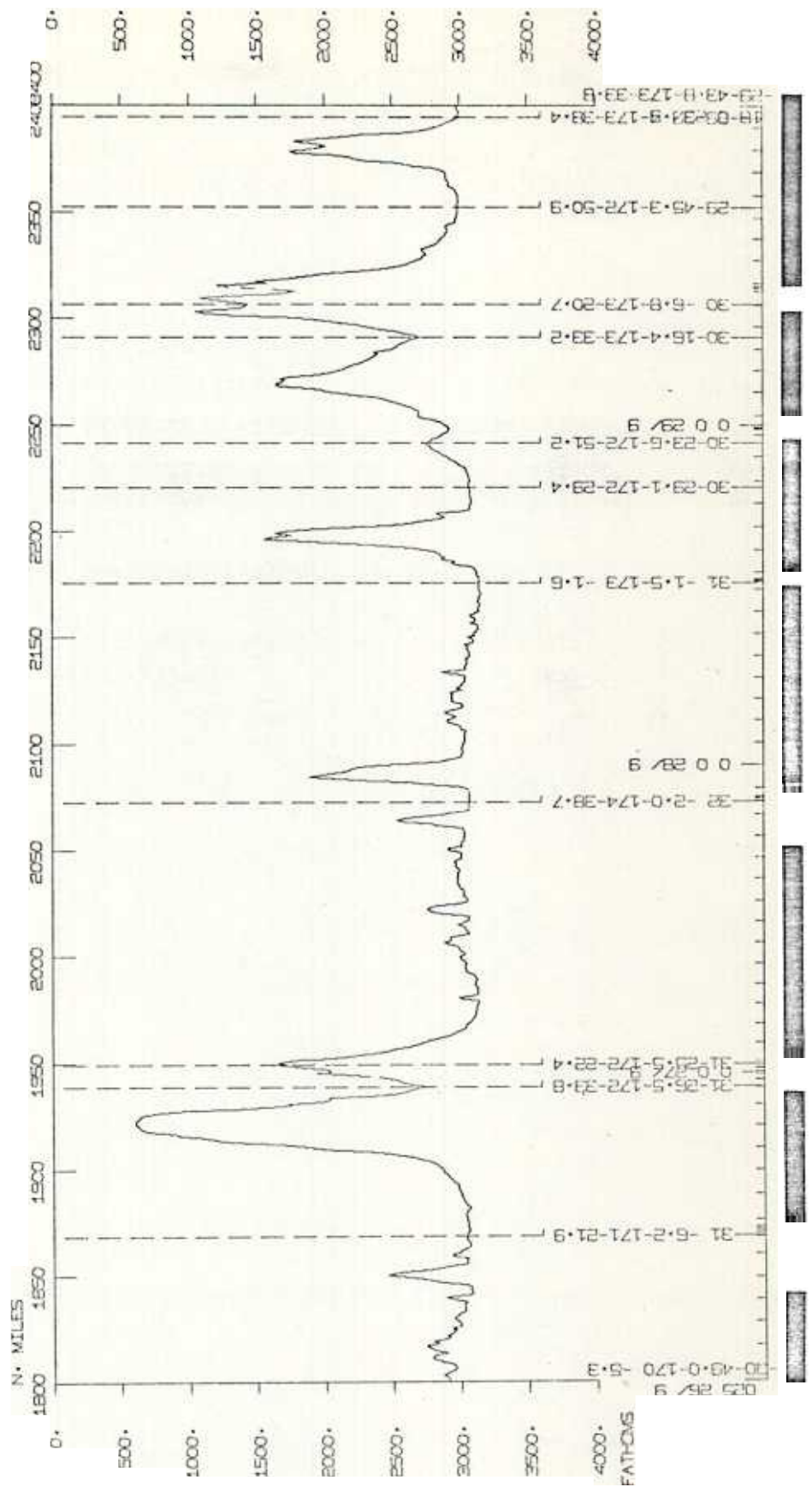
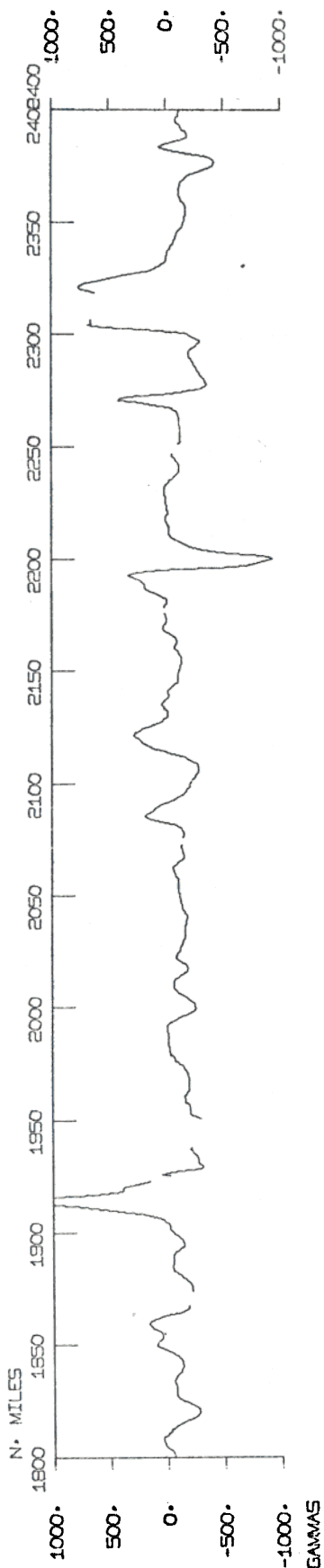


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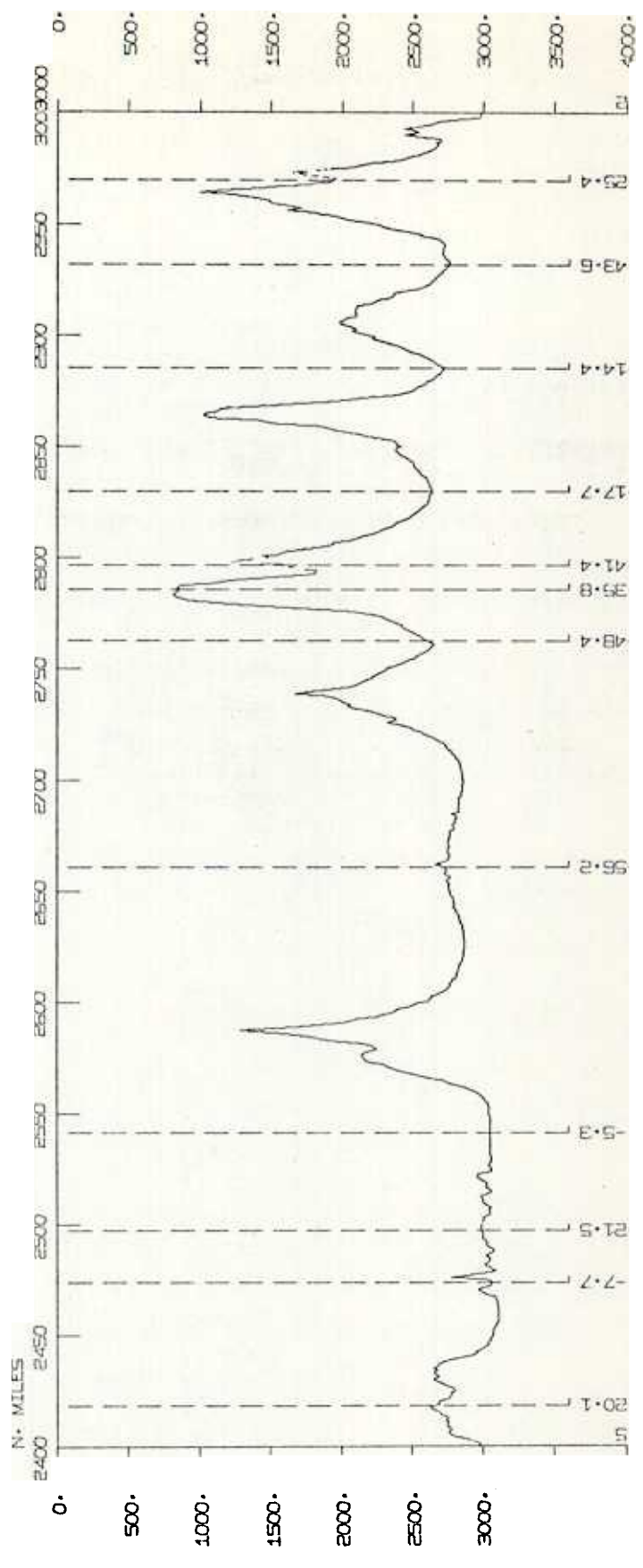
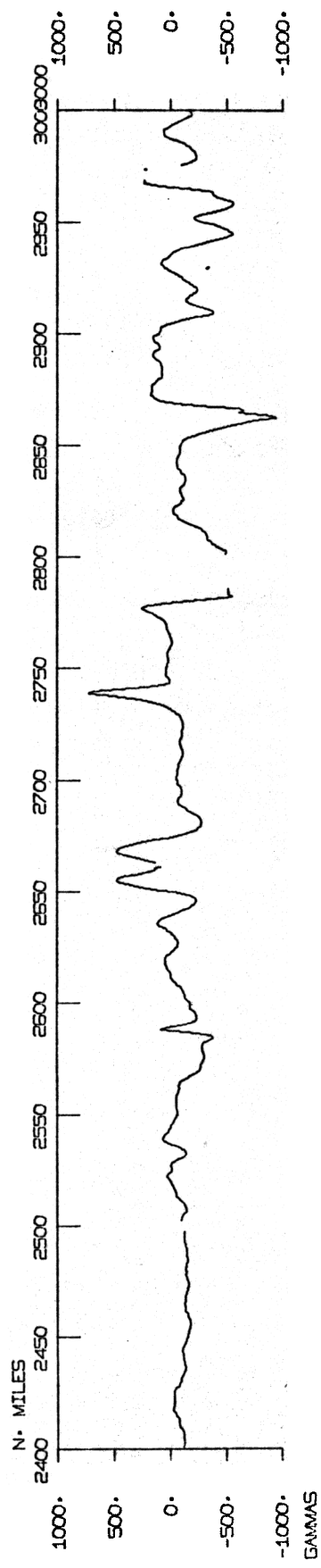
SOUTHTOW LEG 9



SOUTHWEST LEG 9



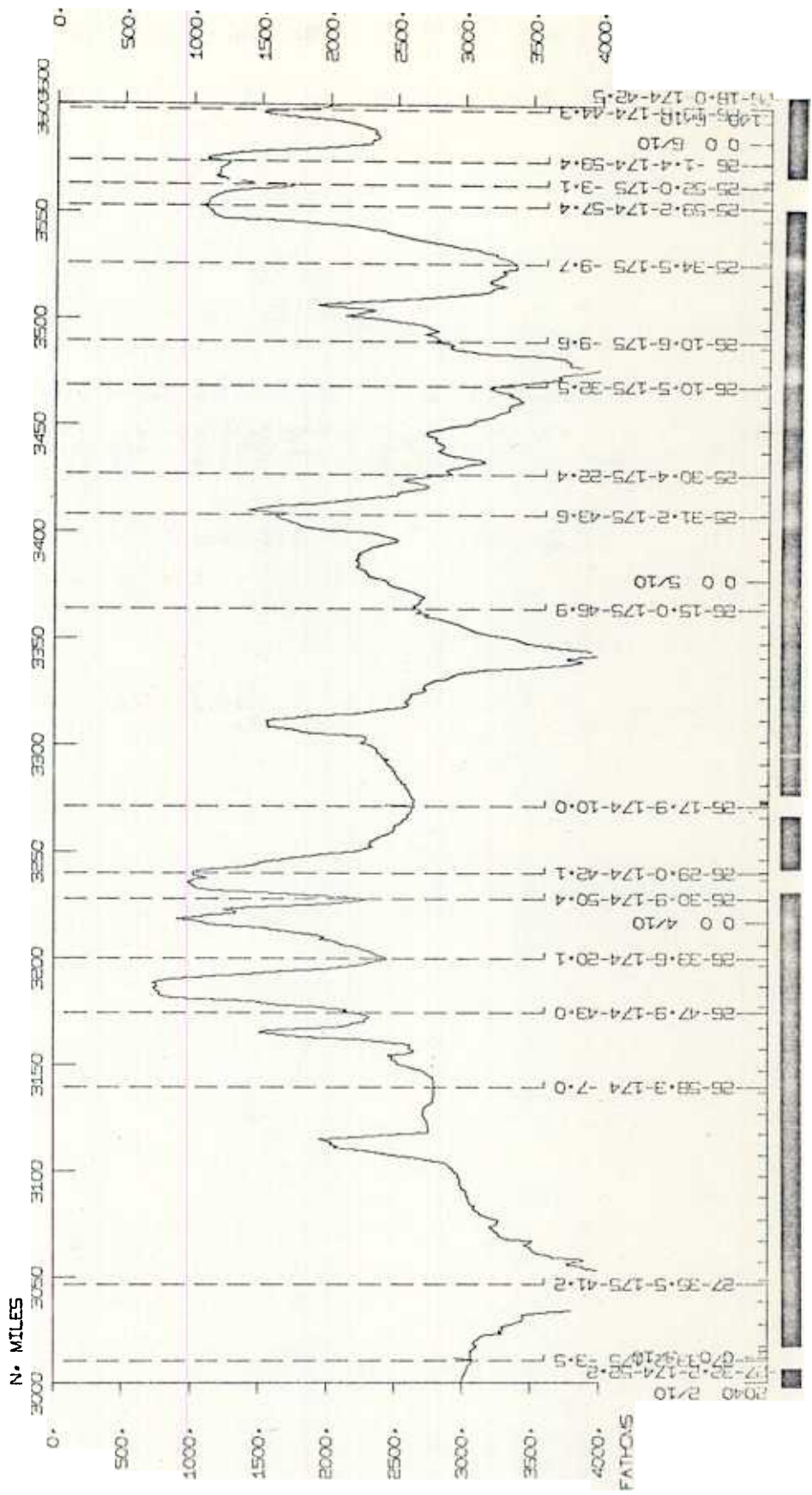
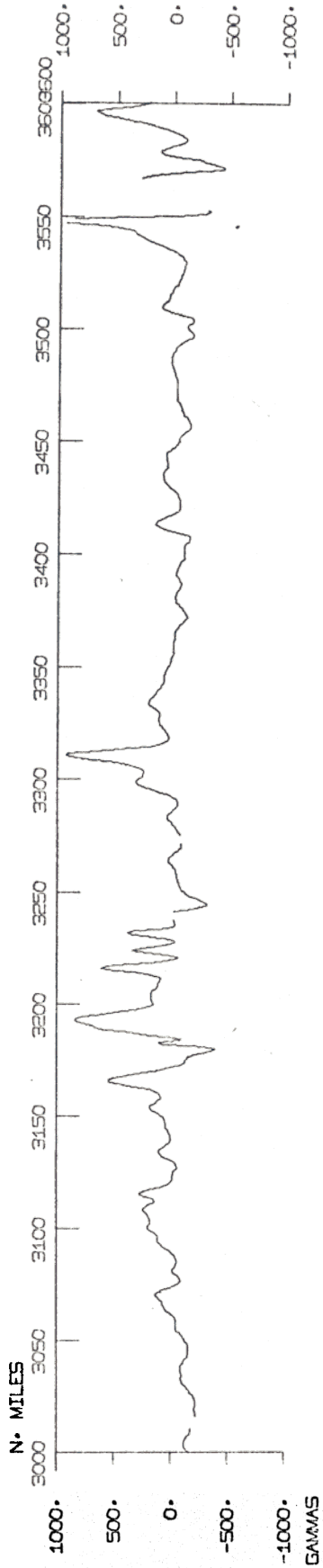
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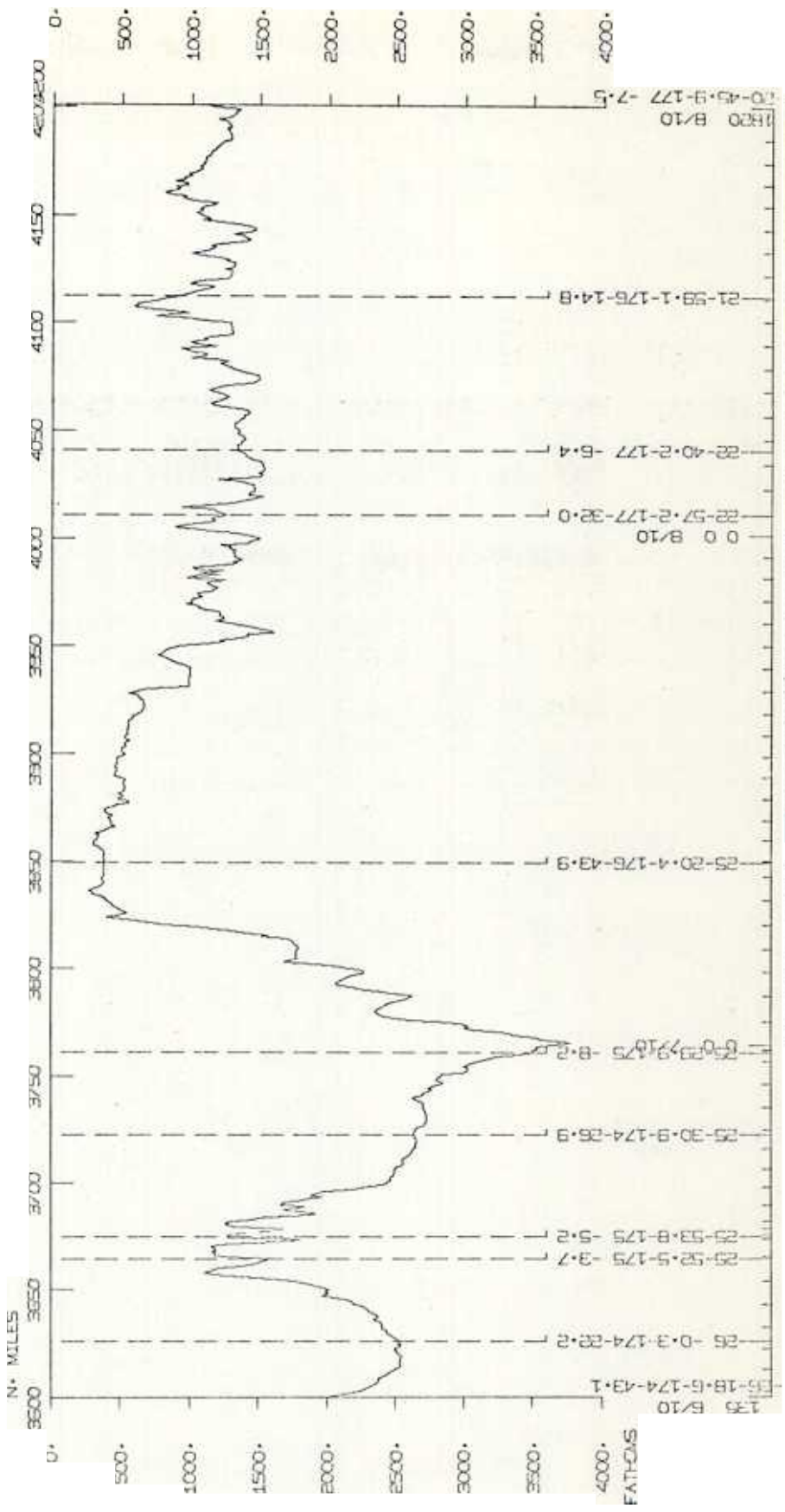
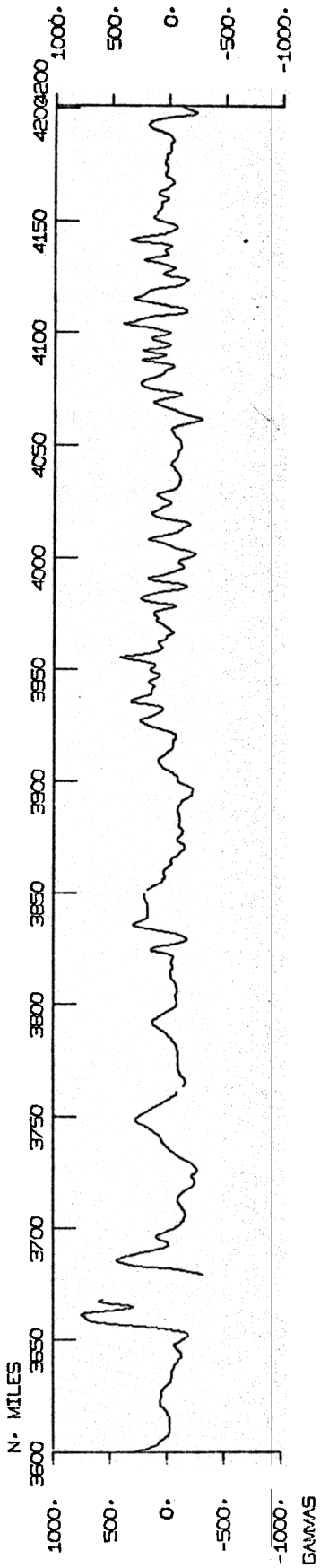


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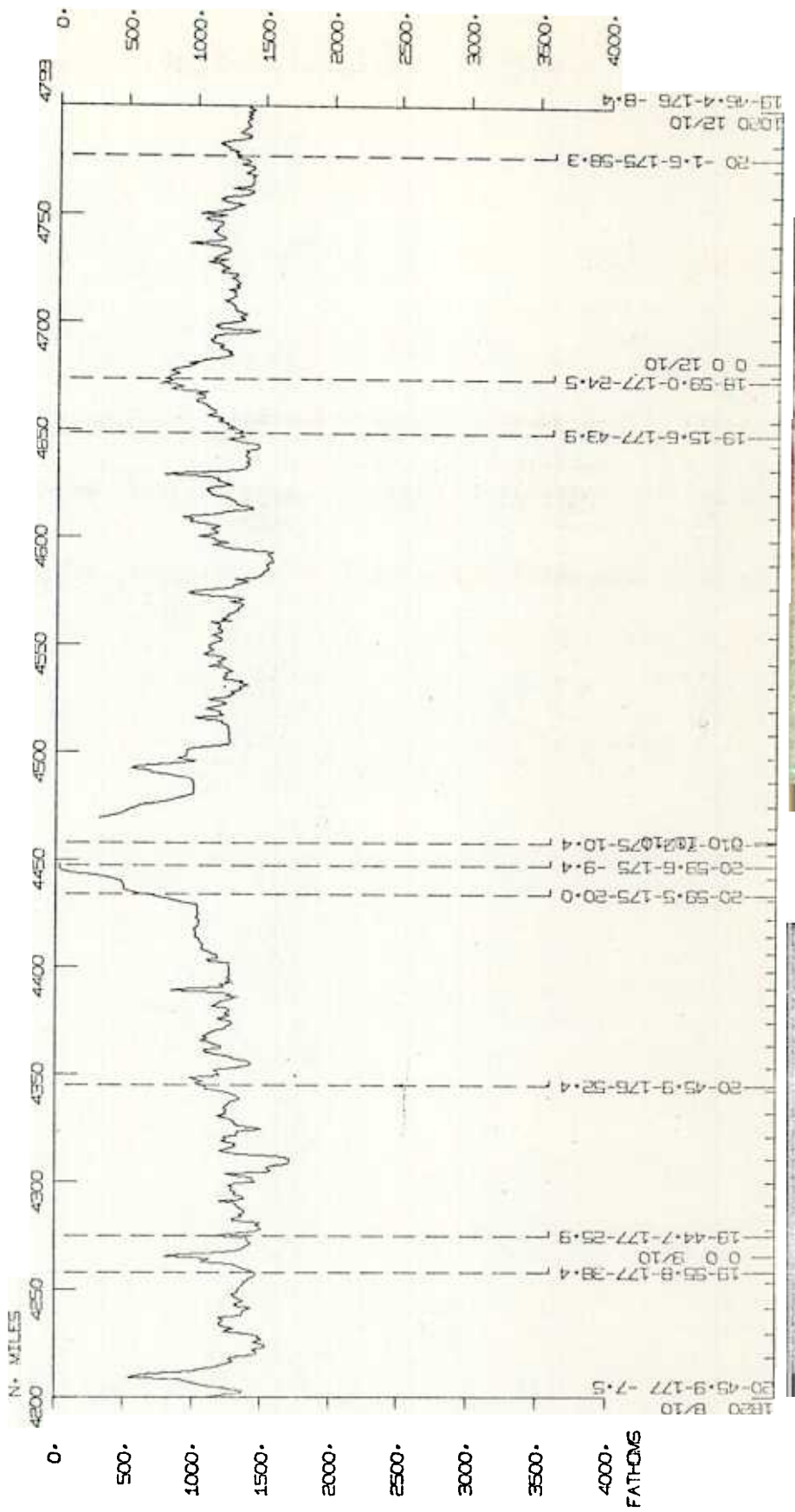
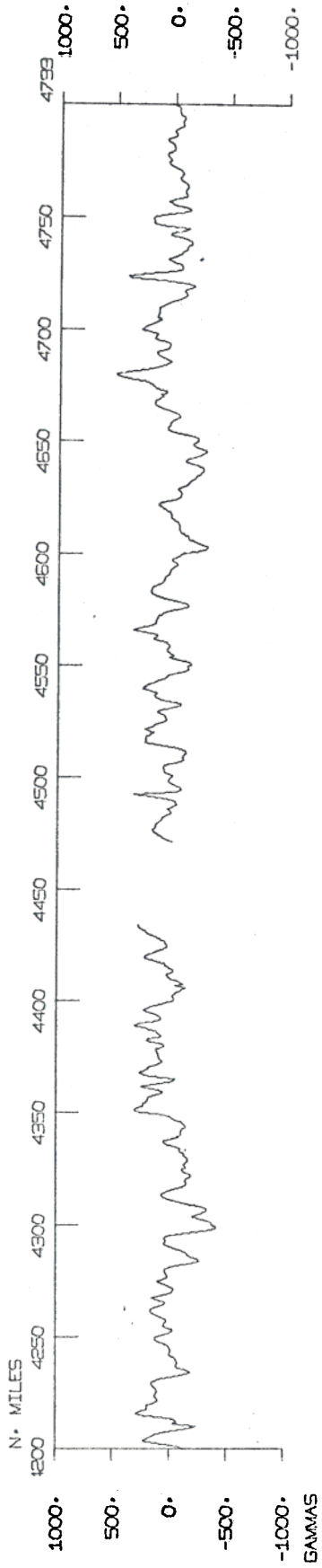


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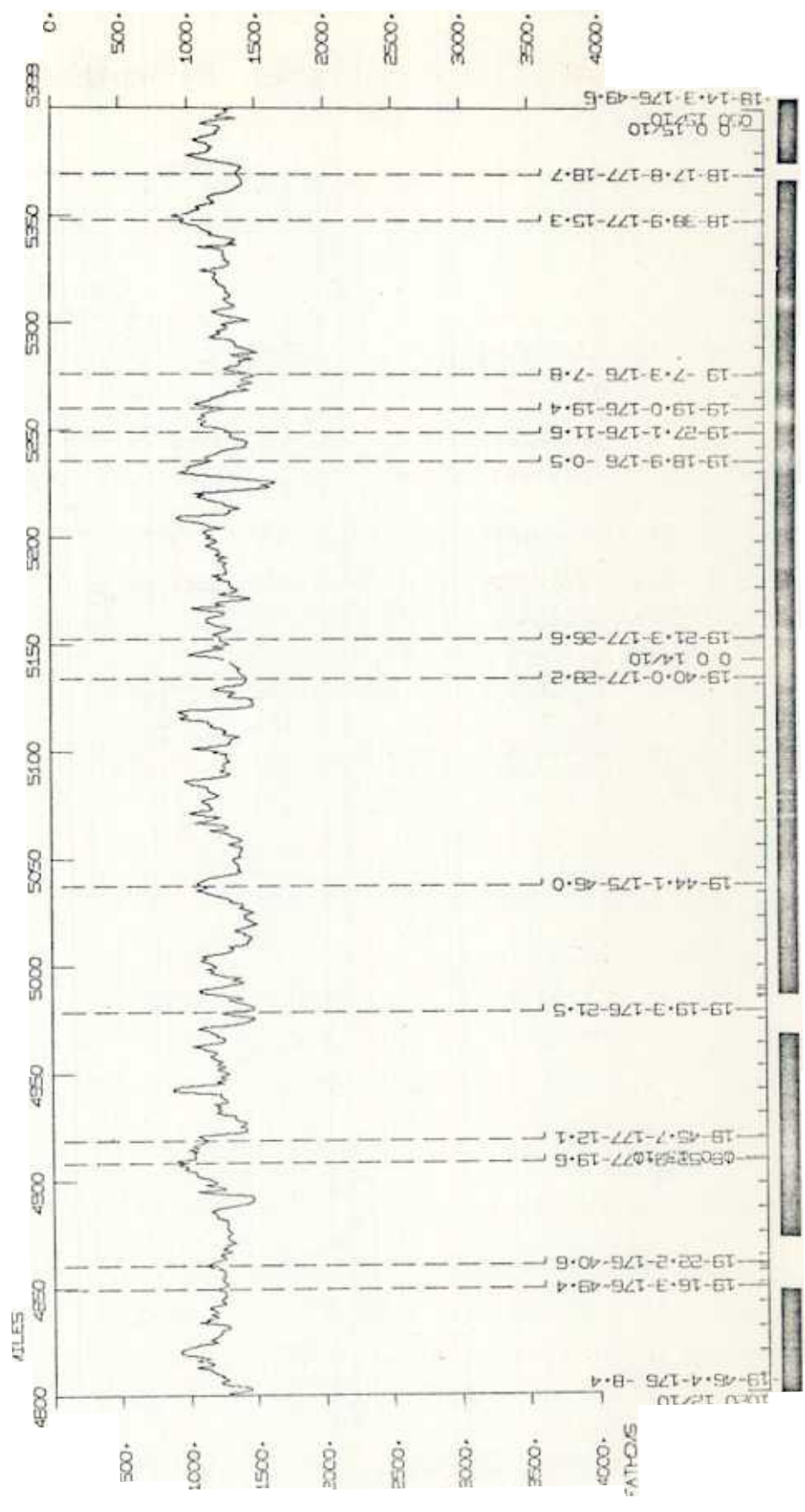
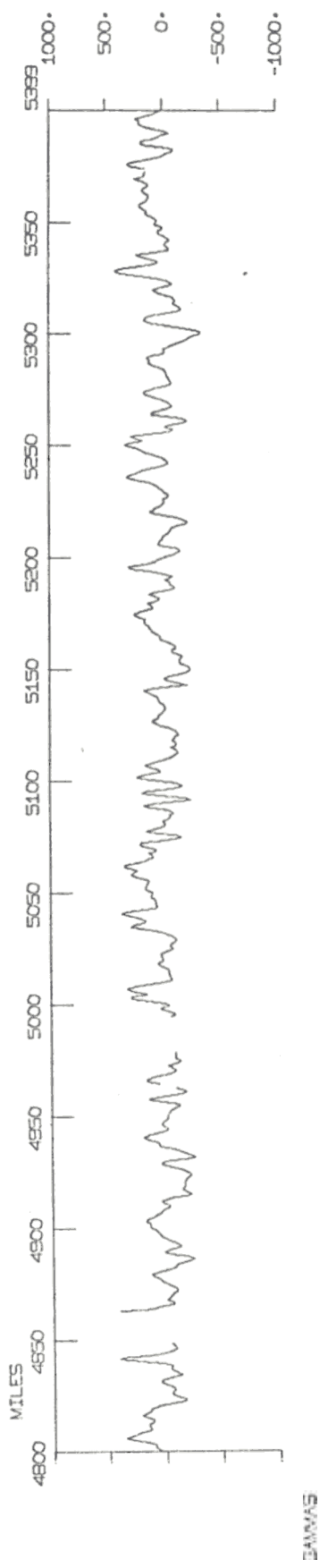
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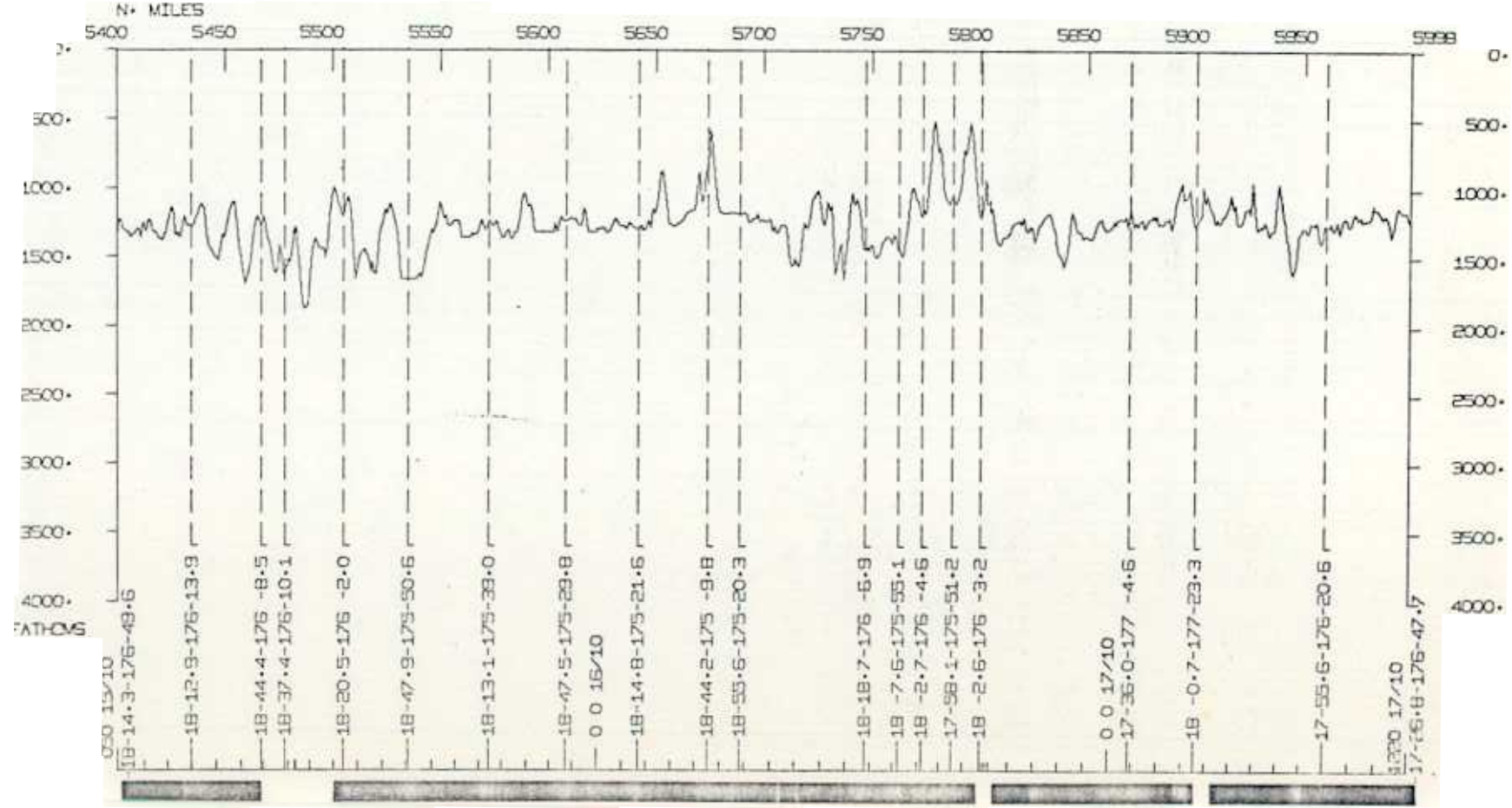
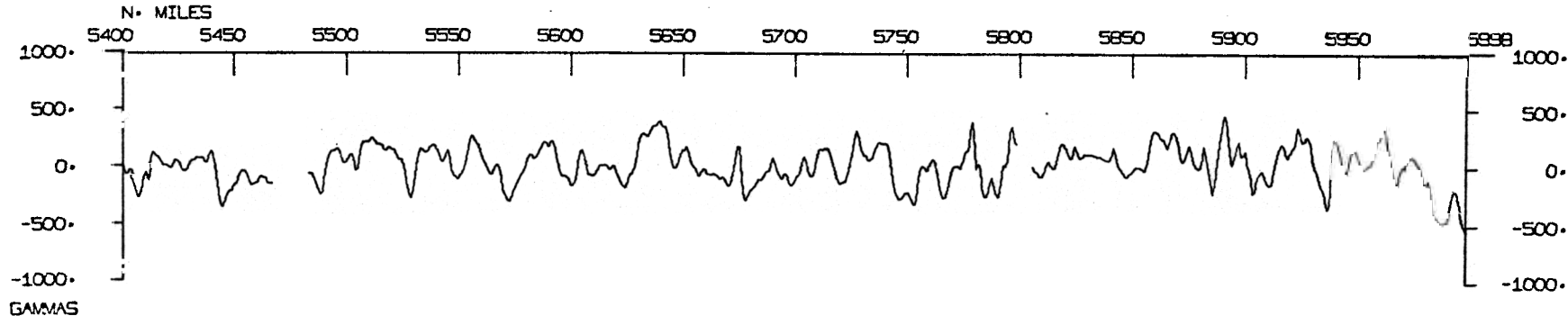
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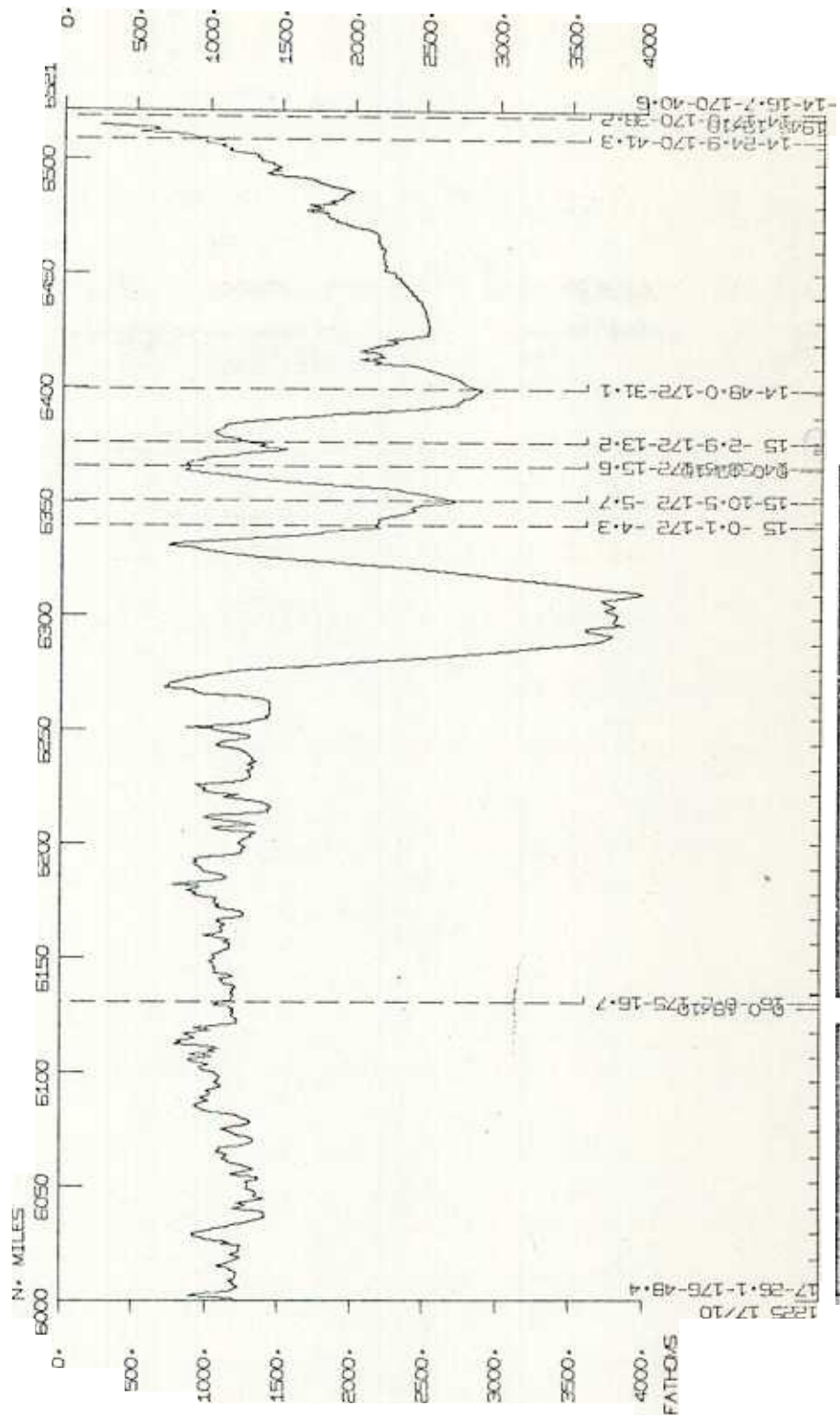
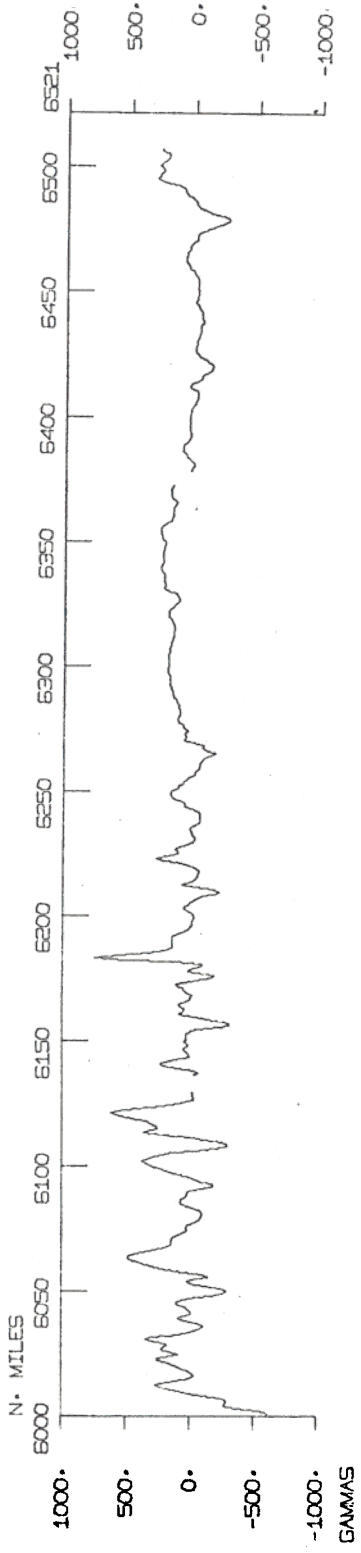
SOUTH TO / LEG 9



SOUTHTOW LEG 9



SOUTH TOW LEG 9



(LISTED 13 NOVEMBER, REPLACES 27 OCTOBER)

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0 0 0 0	PE	A. LAPOVILLE	0	ON	0	OE

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

*** NAVIGATION PLOTS ***

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BATHYTHERMOGRAPHS - CURATOR MARGARET ROBINSON (EXT.1135)

*** BATHYTHERMOGRAPH ****

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1803	21	972		BTX	XBT-9-09	BTS 26	577S	160 48W	S SOTW09WT	
6	22	972		BTX	XBT-9-10	BTS 27	314S	160 377W	S SOTW09WT	
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1815	22	972		BTX	XBT-9-12	BTS 28	108S	160 168W	S SOTW09WT	
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3	28	972		BTX	XBT-9-25	BTS 31	503S	174 233W	S SOTW09WT	
600	28	972		BTX	XBT-9-26	BTS 31	155S	173 243W	S SOTW09WT	
1757	28	972		BTX	XBT-9-27	BTS 30	278S	172 312W	S SOTW09WT	
1149	29	972		BTX	XBT-9-28	BTS 29	552S	173 50W	S SOTW09WT	
1805	29	972		BTX	XBT-9-29	BTS 29	444S	173 331W	S SOTW09WT	
1	30	972		BTX	XBT-9-30	BTS 29	400S	173 585W	S SOTW09WT	
1154	30	972		BTX	XBT-9-31	BTS 29	30S	174 76W	S SOTW09WT	
1806	30	972		BTX	XBT-9-32	BTS 28	362S	173 5W	S SOTW09WT	
601	11072			BTX	XBT-9-33	BTS 28	204S	172 59W	S SOTW09WT	
1202	11072			BTX	XBT-9-34	BTS 28	266S	173 180W	S SOTW09WT	
1	21072			BTX	XBT-9-35	BTS 27	488S	173 210W	S SOTW09WT	
600	21072			BTX	XBT-9-36	BTS 28	57S	174 127W	S SOTW09WT	

TIME GMT	DATE M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT	LONG.	CRUISE LEG-SHIP
1553	161072			D R B	DREDGE-64D	2250	GCR 18	26S 176	32W S	SOTW09WT
1809	161072			D R E	DREDGE-64D		GCR 18	27S 176	23W S	SOTW09WT
103	191072			D R B	DREDGE-66D	2798	GCR 15	42S 172	108W S	SOTW39WT
325	191072			D R E	DREDGE-66D		GCR 15	28S 172	138W S	SOTW09WT

*** CORES ***

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
115	19	972		C G	CURF-37G	4778	GCR 19	359S 152	14W S	SOTW09WT
2100	20	972		C G	CORE-38G	4891	GCR 24	480S 157	294W S	SOTW09WT
1910	24	972		C G	CORE-41G	5280	GCR 29	460S 164	499W S	SOTW09WT
830	26	972		C P	CORE-42P	5763	GCR 31	65S 171	209W S	SOTW09WT
830	26	972		CPG	CORE-42PG	5763	GCR 31	65S 171	209W S	SOTW09WT
1847	27	972		C G	CORE-45G	5805	GCR 32	16S 174	385W S	SOTW09WT
935	28	972		C G	CORE-46G	5040	GCR 31	14S 173	9W S	SOTW09WT
2115	28	972		C G	CORE-47G	5508	GCR 30	238S 172	448W S	SOTW09WT
432	30	972		C P	CORE-49P	5645	GCR 29	343S 174	209W S	SOTW09WT
432	30	972		CPG	CORE-49PG	5645	GCR 29	343S 174	209W S	SOTW09WT
105	11072			C P	CORE-50P	5084	GCR 28	188S 171	562W S	SOTW09WT
105	11072			CPG	CORE-50PG	5084	GCR 28	188S 171	562W S	SOTW09WT
2309	21072			C P	CORE-53P	5821	GCR 27	339S 175	32W S	SOTW09WT
2309	21072			CPG	CORE-53PG	5821	GCR 27	339S 175	32W S	SOTW09WT
252	41072			C G	CORE-54G	1020	GCR 26	293S 174	422W S	SOTW09WT
749	41072			C P	CORE-55P	4961	GCR 26	183S 174	91W S	SOTW09WT
749	41072			CPG	CORE-55PG	NOCORE	GCR 26	183S 174	91W S	SOTW09WT
1215	41072			C G	CORE-56G	4961	GCR 26	193S 174	73W S	SOTW09WT
750	71072			C G	CORE-59G	713	GCR 25	204S 176	437W S	SOTW09WT
2027	141072			C G	CORE-62G	2626	GCR 18	191S 177	181W S	SOTW09WT
104	181072			C G	CORE-65G	2193	GCR 16	23S 175	198W S	SOTW09WT

HEAT FLOW STATIONS - CURATOR JOHN SCLATER (EXT.1086)

*** HEAT FLOW ***

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
319	19	972		HF2M	HF-01-SIO	4778	HFP 19	360S 152	14W S	SOTW09WT
2305	20	972		HF2M	HF-02-SIO	4892	HFP 24	488S 157	291W S	SOTW09WT
2112	24	972		HF2M	HF-03-SIO	5280	HFP 29	467S 164	480W S	SOTW09WT
1142	26	972		HF2M	HF-04-SIO	5771	HFP 31	47S 171	202W S	SOTW09WT
2100	27	972		HF2M	HF-05-SIO	5809	HFP 32	5S 174	376W S	SOTW09WT
1202	28	972		HF2M	HF-06-WATER	TEMP	HFP 31	20S 173	5W S	SOTW09WT
2312	28	972		HF2M	HF-07-WATER	TEMP	HFP 30	229S 172	450W S	SOTW09WT
717	30	972		HF2M	HF-08-SIO	5645	HFP 29	355S 174	201W S	SOTW09WT

TIME GMT	DATE M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMP IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
345	11072		HF2M	HF-09-SIO 5026	HFP 28	192S 171	562W S	SOTW09WT
205	21072		HF2M	HF-10-SIO 5820	HFP 27	525S 173	359W S	SOTW09WT
1022	41072		HF2M	HF-11-WATER TEMP	HFP 26	191S 174	76W S	SOTW09WT
823	71072		HF2M	HF-12-SIO 0381	HFP 25	206S 176	434W S	SOTW09WT
2128	141072		HF2M	HF-13-SIO 2615	HFP 18	190S 177	177W S	SOTW09WT
250	181072		HF2M	HF-14-SIO 2193	HFP 16	26S 175	204W S	SOTW09WT

BATHYTHERMOGRAPHS - CURATOR MARGARET ROBINSON (EXT.1135)

*** BATHYTHERMOGRAPH ****

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMP IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
602	19 972		BTX	XBT-9-01	BTS 19	445S 152	104W S	SOTW09WT
1805	19 972		BTX	XBT-9-02	BTS 21	283S 153	559W S	SOTW09WT
7	20 972		BTX	XBT-9-03	BTS 22	60S 154	374W S	SOTW09WT
602	20 972		BTX	XBT-9-04	BTS 22	540S 155	296W S	SOTW09WT
1212	20 972		BTX	XBT-9-05	BTS 23	419S 156	217W S	SOTW09WT
1804	20 972		BTX	XBT-9-06	BTS 24	323S 157	134W S	SOTW09WT
601	21 972		BTX	XBT-9-07	BTS 25	301S 158	181W S	SOTW09WT
1147	21 972		BTX	XBT-9-08	BTS 26	102S 159	108W S	SOTW09WT
1803	21 972		BTX	XBT-9-09	BTS 26	577S 160	48W S	SOTW09WT
6	22 972		BTX	XBT-9-10	BTS 27	314S 160	377W S	SOTW09WT
1150	22 972		BTX	XBT-9-11	BTS 27	268S 159	346W S	SOTW09WT
1815	22 972		BTX	XBT-9-12	BTS 28	108S 160	168W S	SOTW09WT
10	23 972		BTX	XBT-9-13	BTS 28	128S 159	592W S	SOTW09WT
1152	20 972		BTX	XBT-9-14	BTS 23	392S 156	188W S	SOTW09WT
1801	23 972		BTX	XBT-9-15	BTS 28	354S 160	79W S	SOTW09WT
8	24 972		BTX	XBT-9-16	BTS 29	15S 161	100W S	SOTW09WT
1152	24 972		BTX	XBT-9-17	BTS 29	318S 163	389W S	SOTW09WT
1803	24 972		BTX	XBT-9-18	BTS 29	455S 164	503W S	SOTW09WT
7	25 972		BTX	XBT-9-19	BTS 29	503S 165	52W S	SOTW09WT
556	25 972		BTX	XBT-9-20	BTS 30	21S 166	175W S	SOTW09WT
1155	25 972		BTX	XBT-9-21	BTS 30	184S 167	321W S	SOTW09WT
1755	25 972		BTX	XBT-9-22	BTS 30	333S 168	460W S	SOTW09WT
4	26 972		BTX	XBT-9-23	BTS 30	478S 170	10W S	SOTW09WT
1757	26 972		BTX	XBT-9-24	BTS 31	199S 172	129W S	SOTW09WT
3	28 972		BTX	XBT-9-25	BTS 31	503S 174	233W S	SOTW09WT
600	28 972		BTX	XBT-9-26	BTS 31	155S 173	243W S	SOTW09WT
1757	28 972		BTX	XBT-9-27	BTS 30	278S 172	312W S	SOTW09WT
1149	29 972		BTX	XBT-9-28	BTS 29	552S 173	50W S	SOTW09WT
1805	29 972		BTX	XBT-9-29	BTS 29	444S 173	331W S	SOTW09WT
1	30 972		BTX	XBT-9-30	BTS 29	400S 173	585W S	SOTW09WT
1154	30 972		BTX	XBT-9-31	BTS 29	30S 174	76W S	SOTW09WT
1806	30 972		BTX	XBT-9-32	BTS 28	362S 173	5W S	SOTW09WT
601	11072		BTX	XBT-9-33	BTS 28	204S 172	59W S	SOTW09WT
1202	11072		BTX	XBT-9-34	BTS 28	266S 173	180W S	SOTW09WT
1	21072		BTX	XBT-9-35	BTS 27	488S 173	210W S	SOTW09WT
600	21072		BTX	XBT-9-36	BTS 28	57S 174	127W S	SOTW09WT

TIME	DATE	TIME	TZ	SAMP	SEQ. DISP	CRUISE		
.GMT	.Y.	LOC	LOC	CODE	NUM. CODE	LAT.	LONG.	LEG-SHIP
1203	21072			BTX	XBT-9-37	BTS 27	284S 174 96W	S SOTW09WT
610	31072			BTX	XBT-9-38	BTS 27	366S 175 343W	S SOTW09WT
1154	31072			BTX	XBT-9-39	BTS 27	120S 174 515W	S SOTW09WT
1757	31072			BTX	XBT-9-40	BTS 26	531S 174 258W	S SOTW09WT
3	41072			BTX	XBT-9-41	BTS 26	319S 174 394W	S SOTW09WT
601	41072			BTX	XBT-9-42	BTS 26	195S 174 147W	S SOTW09WT
1754	41072			BTX	XBT-9-43	BTS 26	187S 174 599W	S SOTW09WT
2	51072			BTX	XBT-9-44	BTS 26	14S 175 458W	S SOTW09WT
601	51072			BTX	XBT-9-45	BTS 25	416S 175 246W	S SOTW09WT
1155	51072			BTX	XBT-9-46	BTS 26	46S 175 93W	S SOTW09WT
1814	51072			BTX	XBT-9-47	BTS 25	542S 175 13W	S SOTW09WT
2	61072			BTX	XBT-9-48	BTS 26	95S 174 535W	S SOTW09WT
601	61072			BTX	XBT-9-49	BTS 25	566S 174 408W	S SOTW09WT
1804	61072			BTX	XBT-9-50	BTS 25	300S 174 292W	S SOTW09WT
601	71072			BTX	XBT-9-51	BTS 25	222S 176 247W	S SOTW09WT
1151	71072			BTX	XBT-9-52	BTS 24	543S 176 378W	S SOTW09WT
1752	71072			BTX	XBT-9-53	BTS 23	583S 176 505W	S SOTW09WT
1	81072			BTX	XBT-9-54	BTS 23	58S 177 293W	S SOTW09WT
601	81072			BTX	XBT-9-55	BTS 22	226S 176 543W	S SOTW09WT
1151	81072			BTX	XBT-9-56	BTS 21	436S 176 268W	S SOTW09WT
1757	81072			BTX	XBT-9-57	BTS 20	496S 177 53W	S SOTW09WT
2	91072			BTX	XBT-9-58	BTS 19	503S 177 325W	S SOTW09WT
601	91072			BTX	XBT-9-59	BTS 20	336S 176 543W	S SOTW09WT
1150	91072			BTX	XBT-9-60	BTS 20	593S 176 84W	S SOTW09WT
601	111072			BTX	XBT-9-61	BTS 20	507S 175 283W	S SOTW09WT
1151	111072			BTX	XBT-9-62	BTS 20	209S 176 299W	S SOTW09WT
1810	111072			BTX	XBT-9-63	BTS 19	310S 177 229W	S SOTW09WT
2356	111072			BTX	XBT-9-64	BTS 19	50S 177 185W	S SOTW09WT
601	121072			BTX	XBT-9-65	BTS 19	448S 176 217W	S SOTW09WT
1150	121072			BTX	XBT-9-66	BTS 19	354S 176 233W	S SOTW09WT
2	131072			BTX	XBT-9-67	BTS 18	519S 177 187W	S SOTW09WT
601	131072			BTX	XBT-9-68	BTS 19	174S 176 241W	S SOTW09WT
1151	131072			BTX	XBT-9-69	BTS 19	279S 176 96W	S SOTW09WT
1803	131072			BTX	XBT-9-70	BTS 19	431S 176 292W	S SOTW09WT
7	141072			BTX	XBT-9-71	BTS 19	302S 177 277W	S SOTW09WT
601	141072			BTX	XBT-9-72	BTS 19	184S 176 270W	S SOTW09WT
1201	141072			BTX	XBT-9-73	BTS 19	65S 176 87W	S SOTW09WT
1820	141072			BTX	XBT-9-74	BTS 18	339S 177 153W	S SOTW09WT
0	151072			BTX	XBT-9-75	BTS 18	157S 176 593W	S SOTW09WT
601	151072			BTX	XBT-9-76	BTS 18	358S 176 99W	S SOTW09WT
1154	151072			BTX	XBT-9-77	BTS 18	359S 176 68W	S SOTW09WT
1801	151072			BTX	XBT-9-78	BTS 18	267S 175 439W	S SOTW09WT
1	161072			BTX	XBT-9-79	BTS 18	332S 175 262W	S SOTW09WT
602	161072			BTX	XBT-9-80	BTS 18	541S 175 221W	S SOTW09WT
1151	161072			BTX	XBT-9-81	BTS 18	106S 175 583W	S SOTW09WT
1	171072			BTX	XBT-9-82	BTS 17	403S 176 560W	S SOTW09WT
601	171072			BTX	XBT-9-83	BTS 17	589S 176 550W	S SOTW09WT
1150	171072			BTX	XBT-9-84	BTS 17	311S 176 435W	S SOTW09WT
1803	171072			BTX	XBT-9-85	BTS 16	407S 176 103W	S SOTW09WT
601	181072			BTX	XBT-9-86	BTS 15	451S 174 516W	S SOTW09WT
1151	181072			BTX	XBT-9-87	BTS 15	164S 173 541W	S SOTW09WT
1804	181072			BTX	XBT-9-88	BTS 15	45S 172 446W	S SOTW09WT
8	191072			BTX	XBT-9-89	BTS 14	600S 172 153W	S SOTW09WT
600	191072			BTX	XBT-9-90	BTS 14	487S 172 306W	S SOTW09WT
1150	191072			BTX	XBT-9-91	BTS 14	383S 171 310W	S SOTW09WT

DATA COLLECTION AND PROCESSING GROUP-F.WILKES (EX-140)

SALINITY SAMPLES

TIME GMT	DATE D.M.Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	SURF. DISP TEMP. CODE	LAT.	LONG.	CRUISE LEG-SHIP
602	19	972	SSSA	71NN-SAL-9-01	DCP 19	445S	152 104W	S SOTW09WT
1805	19	972	SSSA	110--SAL-9-02	DCP 21	283S	153 559W	S SOTW09WT
7	20	972	SSSA	57EE-SAL-9-03	DCP 22	60S	154 374W	S SOTW09WT
602	20	972	SSSA	F82--SAL-9-04	DCP 22	540S	155 296W	S SOTW09WT
1804	20	972	SSSA	61PP-SAL-9-05	DCP 24	323S	157 134W	S SOTW09WT
7	21	972	SSSA	72HB-SAL-9-06	DCP 24	493S	157 288W	S SOTW09WT
601	21	972	SSSA	LL2R-SAL-9-07	DCP 25	301S	158 181W	S SOTW09WT
1147	21	972	SSSA	88RR-SAL-9-08	DCP 26	102S	159 108W	S SOTW09WT
1803	21	972	SSSA	E47--SAL-9-09	DCP 26	577S	160 48W	S SOTW09WT
6	22	972	SSSA	87UU-SAL-9-10	DCP 27	314S	160 377W	S SOTW09WT
559	22	972	SSSA	23RR-SAL-9-11	DCP 27	298S	160 364W	S SOTW09WT
1150	22	972	SSSA	82SS-SAL-9-12	DCP 27	268S	159 346W	S SOTW09WT
1815	22	972	SSSA	44HH-SAL-9-13	DCP 28	108S	160 168W	S SOTW09WT
10	23	972	SSSA	NN31-SAL-9-14	DCP 28	128S	159 592W	S SOTW09WT
1152	23	972	SSSA	E-92-SAL-9-15	DCP 27	519S	159 242W	S SOTW09WT
1801	23	972	SSSA	1MM--SAL-9-16	DCP 28	354S	160 79W	S SOTW09WT
8	24	972	SSSA	98XX-SAL-9-17	DCP 29	15S	161 100W	S SOTW09WT
1152	24	972	SSSA	62HH-SAL-9-18	DCP 29	318S	163 389W	S SOTW09WT
1803	24	972	SSSA	11VV-SAL-9-19	DCP 29	455S	164 503W	S SOTW09WT
7	25	972	SSSA	20PP-SAL-9-20	DCP 29	503S	165 52W	S SOTW09WT
556	25	972	SSSA	92A--SAL-9-21	DCP 30	21S	166 175W	S SOTW09WT
1155	25	972	SSSA	42PP-SAL-9-22	DCP 30	184S	167 321W	S SOTW09WT
1755	25	972	SSSA	4VV--SAL-9-23	DCP 30	333S	168 460W	S SOTW09WT
4	26	972	SSSA	KK7--SAL-9-24	DCP 30	478S	170 10W	S SOTW09WT
612	26	972	SSSA	0076-SAL-9-25	DCP 31	49S	171 150W	S SOTW09WT
1757	26	972	SSSA	63---SAL-9-26	DCP 31	199S	172 129W	S SOTW09WT
12	27	972	SSSA	P13--SAL-9-27	DCP 31	253S	172 260W	S SOTW09WT
1154	27	972	SSSA	1KK--SAL-9-28	DCP 31	457S	173 346W	S SOTW09WT
3	28	972	SSSA	SS51-SAL-9-29	DCP 31	503S	174 233W	S SOTW09WT
600	28	972	SSSA	27HH-SAL-9-30	DCP 31	155S	173 243W	S SOTW09WT
1757	28	972	SSSA	KK98-SAL-9-31	DCP 30	278S	172 312W	S SOTW09WT
1149	29	972	SSSA	W-3--SAL-9-32	DCP 29	552S	173 50W	S SOTW09WT
1805	29	972	SSSA	34HH-SAL-9-33	DCP 29	444S	173 331W	S SOTW09WT
1	30	972	SSSA	21HH-SAL-9-34	DCP 29	400S	173 585W	S SOTW09WT
1154	30	972	SSSA	57KK-SAL-9-35	DCP 29	30S	174 76W	S SOTW09WT
1806	30	972	SSSA	765S-SAL-9-36	DCP 28	362S	173 5W	S SOTW09WT
550	11072		SSSA	88CC-SAL-9-37	DCP 28	201S	172 37W	S SOTW09WT
1302	11072		SSSA	62DD-SAL-9-38	DCP 28	273S	173 302W	S SOTW09WT
1	21072		SSSA	3LL--SAL-9-39	DCP 27	488S	173 210W	S SOTW09WT
600	21072		SSSA	82K--SAL-9-40	DCP 28	57S	174 127W	S SOTW09WT
1158	21072		SSSA	78QQ-SAL-9-41	DCP 27	284S	174 85W	S SOTW09WT
610	31072		SSSA	V66--SAL-9-42	DCP 27	366S	175 343W	S SOTW09WT
1154	31072		SSSA	R64--SAL-9-43	DCP 27	120S	174 515W	S SOTW09WT
1757	31072		SSSA	13SS-SAL-9-44	DCP 26	531S	174 258W	S SOTW09WT
3	41072		SSSA	11MM-SAL-9-45	DCP 26	319S	174 394W	S SOTW09WT

TIME GMT	DATE .Y.	TIME TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
601	41072		SSSA	GG29-SAL-9-46	DCP 26	195S	174 147W	S SOTW09WT
1754	41072		SSSA	TT64-SAL-9-47	DCP 26	187S	174 599W	S SOTW09WT
2	51072		SSSA	TT55-SAL-9-48	DCP 26	14S	175 458W	S SOTW09WT
601	51072		SSSA	44YY-SAL-9-49	DCP 25	416S	175 246W	S SOTW09WT
1155	51072		SSSA	52YY-SAL-9-50	DCP 26	46S	175 93W	S SOTW09WT
1820	51072		SSSA	QQ10-SAL-9-51	DCP 25	532S	175 20W	S SOTW09WT
2	61072		SSSA	TT52-SAL-9-52	DCP 26	95S	174 535W	S SOTW09WT
601	61072		SSSA	1741-SAL-9-53	DCP 25	566S	174 408W	S SOTW09WT
1804	61072		SSSA	43YY-SAL-9-54	DCP 25	300S	174 292W	S SOTW09WT
601	71072		SSSA	JJ14-SAL-9-55	DCP 25	222S	176 247W	S SOTW09WT
1151	71072		SSSA	18RR-SAL-9-56	DCP 24	543S	176 378W	S SOTW09WT
1752	71072		SSSA	TT58-SAL-9-57	DCP 23	583S	176 505W	S SOTW09WT
1	81072		SSSA	009--SAL-9-58	DCP 23	58S	177 293W	S SOTW09WT
601	81072		SSSA	MM1--SAL-9-59	DCP 22	239S	176 539W	S SOTW09WT
1151	81072		SSSA	TT52-SAL-9-60	DCP 21	436S	176 268W	S SOTW09WT
1757	81072		SSSA	87Y--SAL-9-61	DCP 20	496S	177 53W	S SOTW09WT
2	91072		SSSA	21PP-SAL-9-62	DCP 19	503S	177 325W	S SOTW09WT
601	91072		SSSA	95JJ-SAL-9-63	DCP 20	336S	176 543W	S SOTW09WT
1150	91072		SSSA	QQ90-SAL-9-64	DCP 20	593S	176 84W	S SOTW09WT
601	111072		SSSA	N93--SAL-9-65	DCP 20	507S	175 283W	S SOTW09WT
1151	111072		SSSA	27WW-SAL-9-66	DCP 20	209S	176 299W	S SOTW09WT
1810	111072		SSSA	61Z--SAL-9-67	DCP 19	310S	177 229W	S SOTW09WT
2356	111072		SSSA	39G--SAL-9-68	DCP 19	50S	177 185W	S SOTW09WT
601	121072		SSSA	C12--SAL-9-69	DCP 19	448S	176 217W	S SOTW09WT
1150	121072		SSSA	39H--SAL-9-70	DCP 19	354S	176 233W	S SOTW09WT
2	131072		SSSA	184--SAL-9-71	DCP 18	519S	177 187W	S SOTW09WT
601	131072		SSSA	27K--SAL-9-72	DCP 19	174S	176 241W	S SOTW09WT
1151	131072		SSSA	NN9--SAL-9-73	DCP 19	279S	176 96W	S SOTW09WT
1803	131072		SSSA	QQ48-SAL-9-74	DCP 19	431S	176 292W	S SOTW09WT
7	141072		SSSA	QQ43-SAL-9-75	DCP 19	302S	177 277W	S SOTW09WT
601	141072		SSSA	LL62-SAL-9-76	DCP 19	184S	176 270W	S SOTW09WT
1155	141072		SSSA	WG7--SAL-9-77	DCP 19	73S	176 78W	S SOTW09WT
1820	141072		SSSA	GG4--SAL-9-78	DCP 18	339S	177 153W	S SOTW09WT
0	151072		SSSA	NN97-SAL-9-79	DCP 18	157S	176 593W	S SOTW09WT
601	151072		SSSA	40HH-SAL-9-80	DCP 18	358S	176 99W	S SOTW09WT
1154	151072		SSSA	LL98-SAL-9-81	DCP 18	359S	176 68W	S SOTW09WT
1801	151072		SSSA	JJ46-SAL-9-82	DCP 18	267S	175 439W	S SOTW09WT
1	161072		SSSA	CC91-SAL-9-83	DCP 18	332S	175 262W	S SOTW09WT
602	161072		SSSA	FF60-SAL-9-84	DCP 18	541S	175 221W	S SOTW09WT
1151	161072		SSSA	QQ83-SAL-9-85	DCP 18	106S	175 583W	S SOTW09WT
1	171072		SSSA	CC26-SAL-9-86	DCP 17	403S	176 560W	S SOTW09WT
601	171072		SSSA	TT96-SAL-9-87	DCP 17	589S	176 550W	S SOTW09WT
1150	171072		SSSA	W76--SAL-9-88	DCP 17	311S	176 435W	S SOTW09WT
1803	171072		SSSA	43HH-SAL-9-89	DCP 16	407S	176 103W	S SOTW09WT
12	181072		SSSA	38MM-SAL-9-90	DCP 16	2S	175 166W	S SOTW09WT
601	181072		SSSA	JJ16-SAL-9-91	DCP 15	451S	174 516W	S SOTW09WT
1151	181072		SSSA	28A--SAL-9-92	DCP 15	164S	173 541W	S SOTW09WT
1804	181072		SSSA	9FF--SAL-9-93	DCP 15	45S	172 446W	S SOTW09WT
8	191072		SSSA	D----SAL-9-94	DCP 14	600S	172 153W	S SOTW09WT
600	191072		SSSA	56HH-SAL-9-95	DCP 14	487S	172 306W	S SOTW09WT
1150	191072		SSSA	36K--SAL-9-96	DCP 14	383S	171 310W	S SOTW09WT

TRITIUM-H3-SAMPLES

TIME	DATE	TIME	TZ	SAMP		SEQ. DISP				CRUISE
GMT	D.M.Y.	LOC	LOC	CODE	SAMPLE IDENT.	NUM. CODE	LAT.	LONG.		LEG-SHIP
1156	19	972		SSH3	H3-SURF.SAM-9-01	WLK 20	358S	153	0W	S SOTW09WT
906	20	972		SSH3	H3-SURF.SAM-9-02	WLK 23	187S	155	567W	S SOTW09WT
1030	21	972		SSH3	H3-SURF.SAM-9-03	WLK 26	14S	158	589W	S SOTW09WT
432	24	972		SSH3	H3-SURF.SAM-9-04	WLK 29	124S	162	72W	S SOTW09WT
2321	24	972		SSH3	H3-SURF.SAM-9-05	WLK 29	484S	164	566W	S SOTW09WT
1430	25	972		SSH3	H3-SURF.SAM-9-06	WLK 30	250S	168	43W	S SOTW09WT
459	26	972		SSH3	H3-SURF.SAM-9-07	WLK 31	18S	171	4W	S SOTW09WT
400	21072			SSH3	H3-SURF.SAM-9-08	WLK 28	2S	173	568W	S SOTW09WT
1725	81072			SSH3	H3-SURF.SAM-9-09	WLK 20	545S	177	18W	S SOTW09WT

99

END SAMPLE INDEX