

PRELIMINARY REPORT AND INDEX  
OF  
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA  
SOUTHTOW EXPEDITION  
LEG 5  
R/V WASHINGTON  
Callao, Peru (22 May 1972)  
To  
Guayaquil, Ecuador (12 June 1972)

Chief Scientist, Leg 5 - F. N. Spiess

Cruise Coordinator - J. Mudie

Airgun Tech. - D. McKinney

Computer Tech., - M. Elston

Resident Marine Tech. - J. Donovan

Data Processed by - U. Albright, O. McConnell, I. Bustillos

Geological Data Center

T. E. Chase - Curator

S. M. Smith - Data Processing Coordinator

Scripps Institution of Oceanography

La Jolla, California .

August 10, 1972

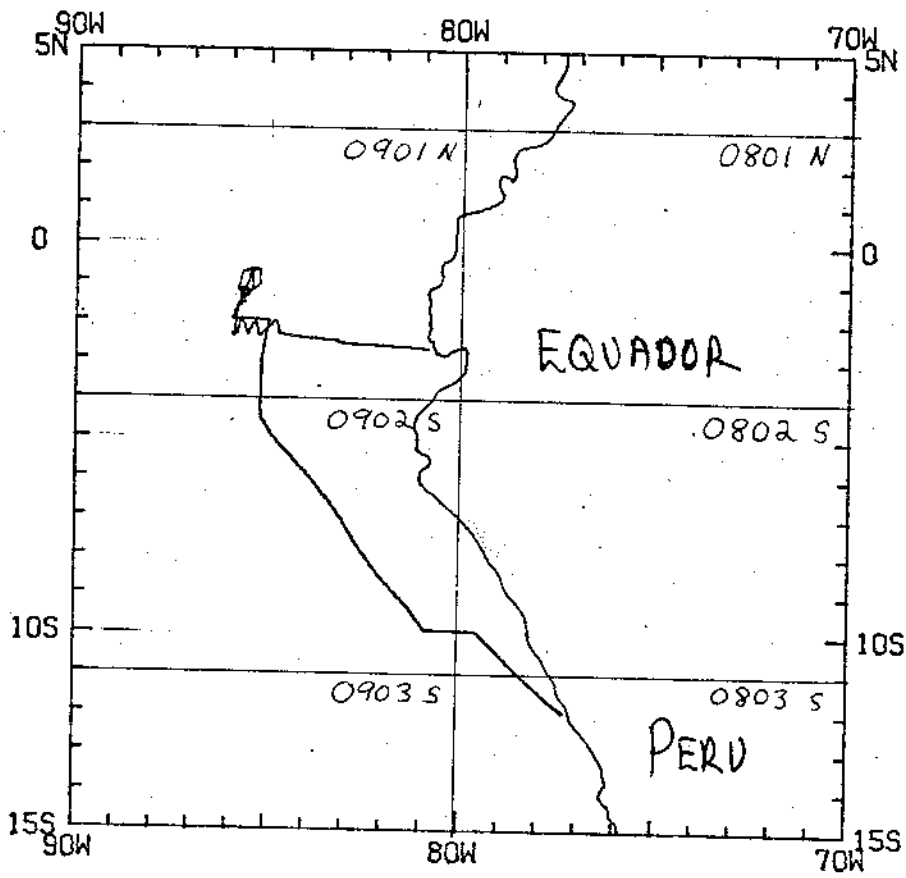
Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

Contents:

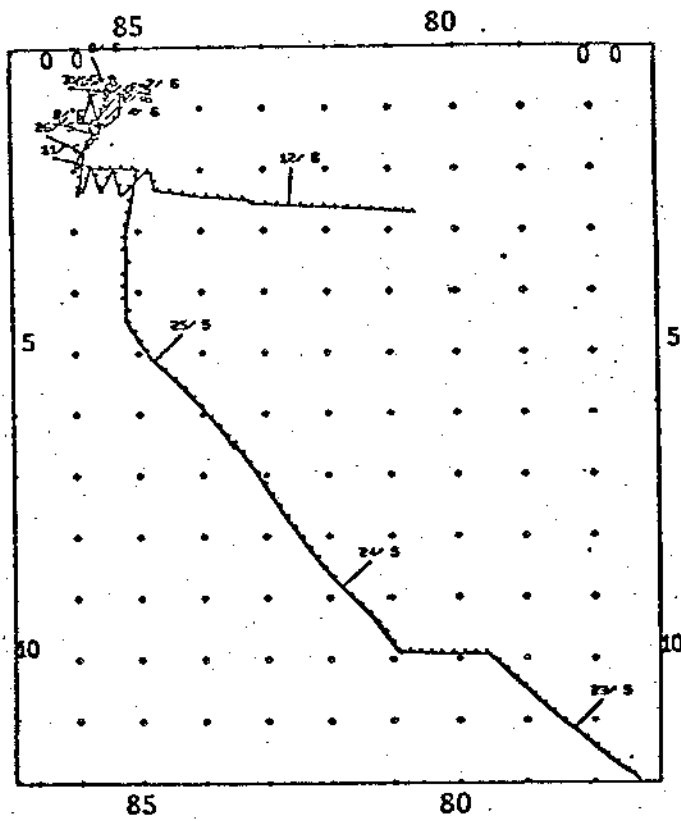
- Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).
- Track Charts - annotated with dates (day/month) and hour ticks. The scale (.3"/deg. long) is the same as the index charts of previous SIO cruises published as Report IMR TR-25.
- Profiles - Depth and magnetic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

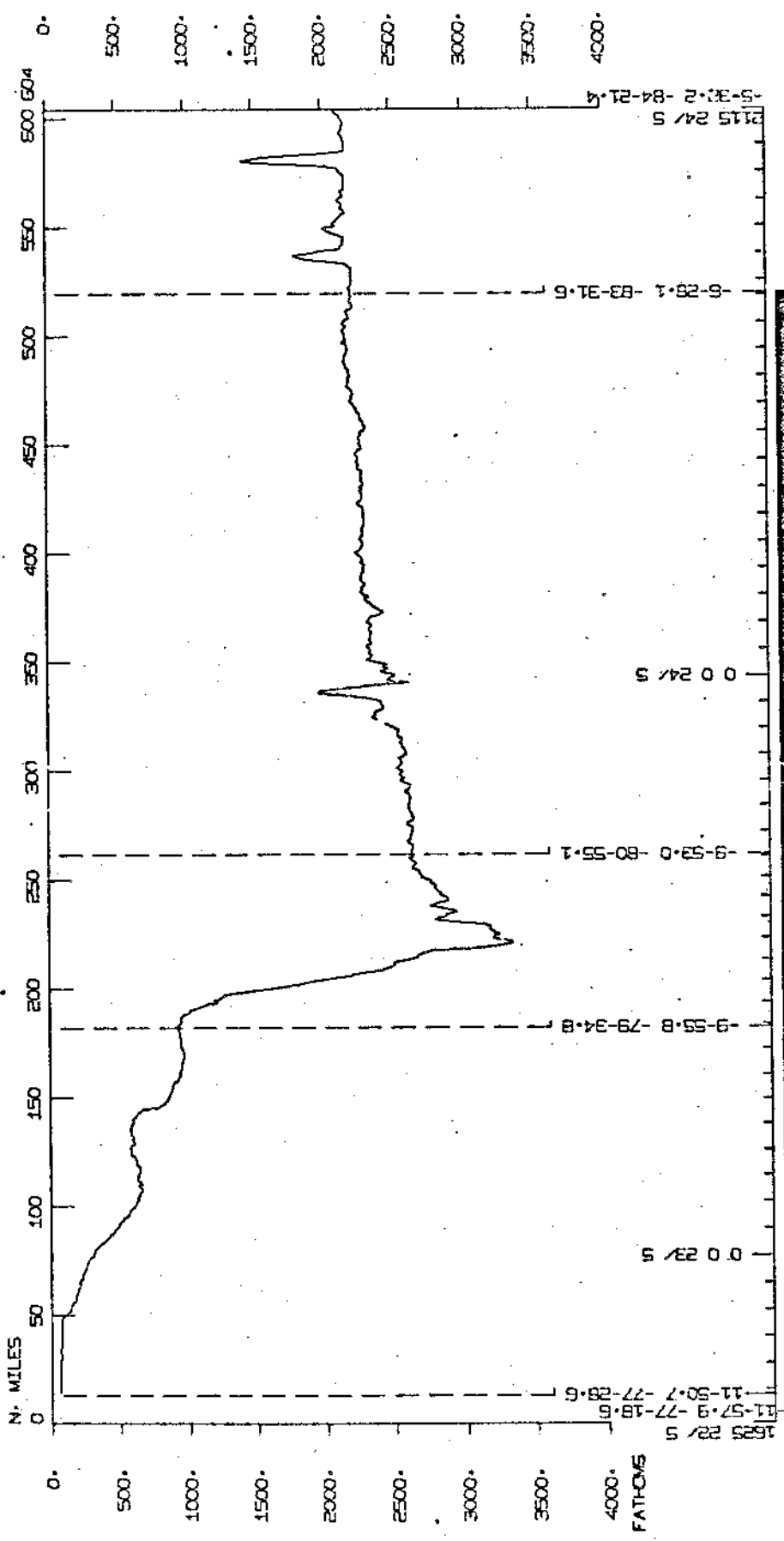
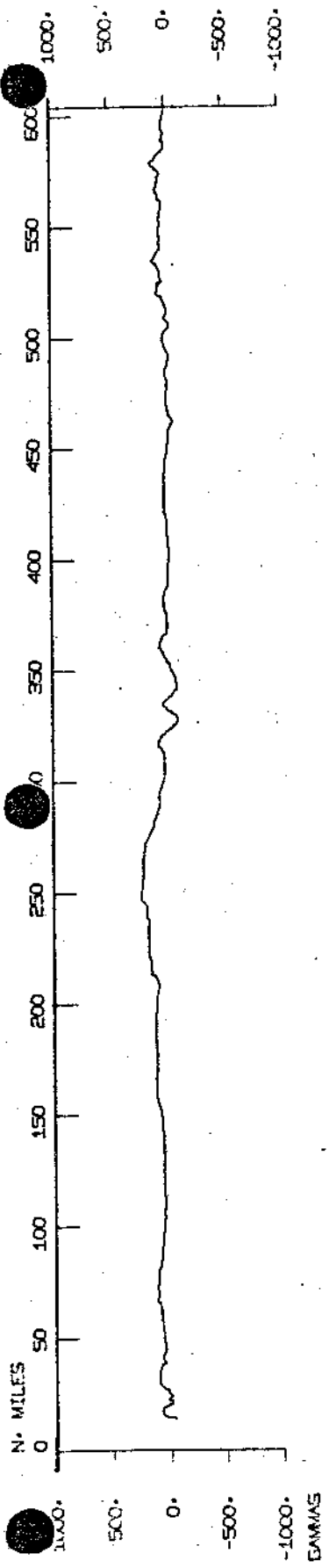


SOUTH-TOW LEG 5  
 R/V WASHINGTON  
 F.N. SPIESS, CHIEF SCIENTIST  
 CALLAO (MAY 22, 1972)  
 GUAYAQUIL (JUNE 12, 1972)

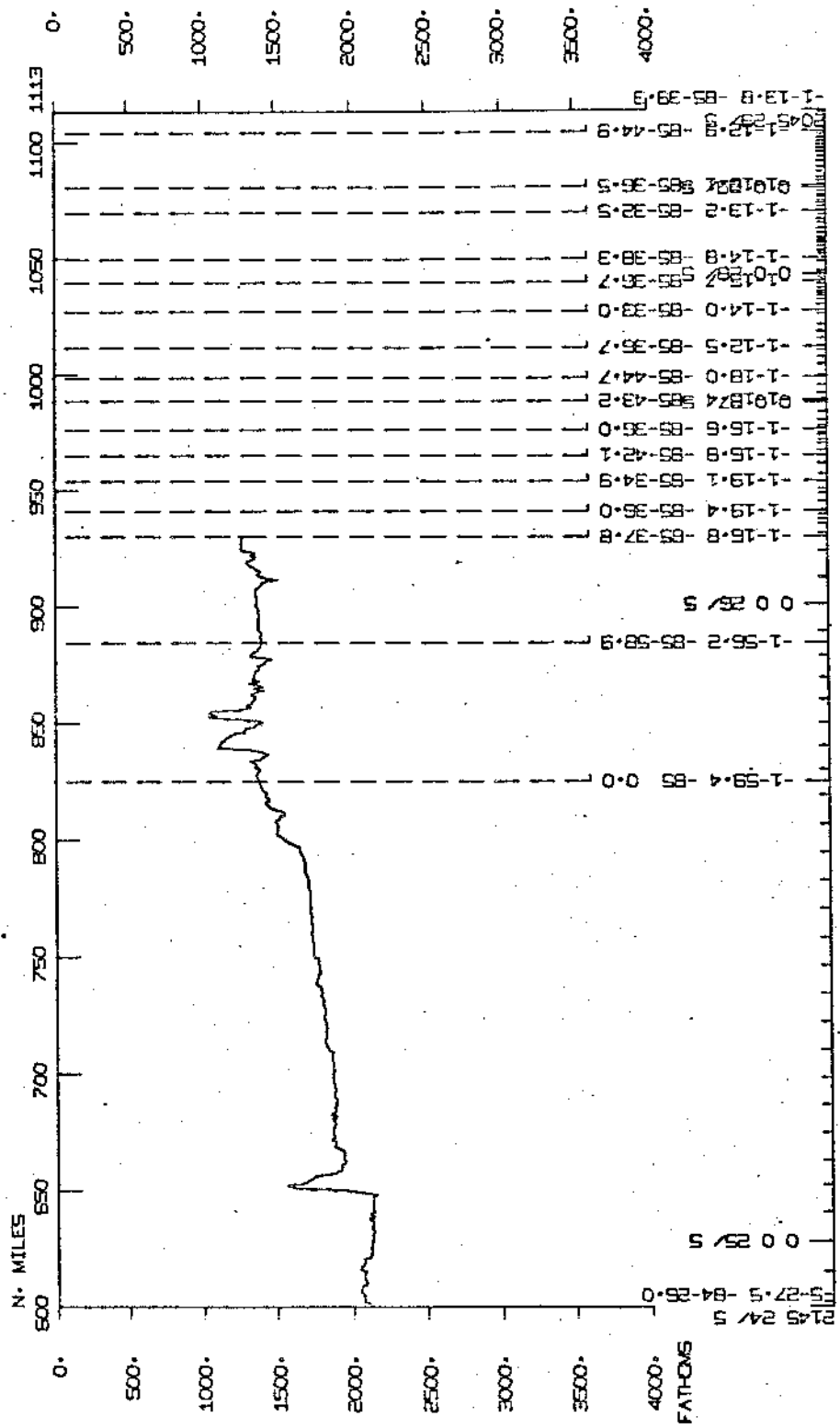
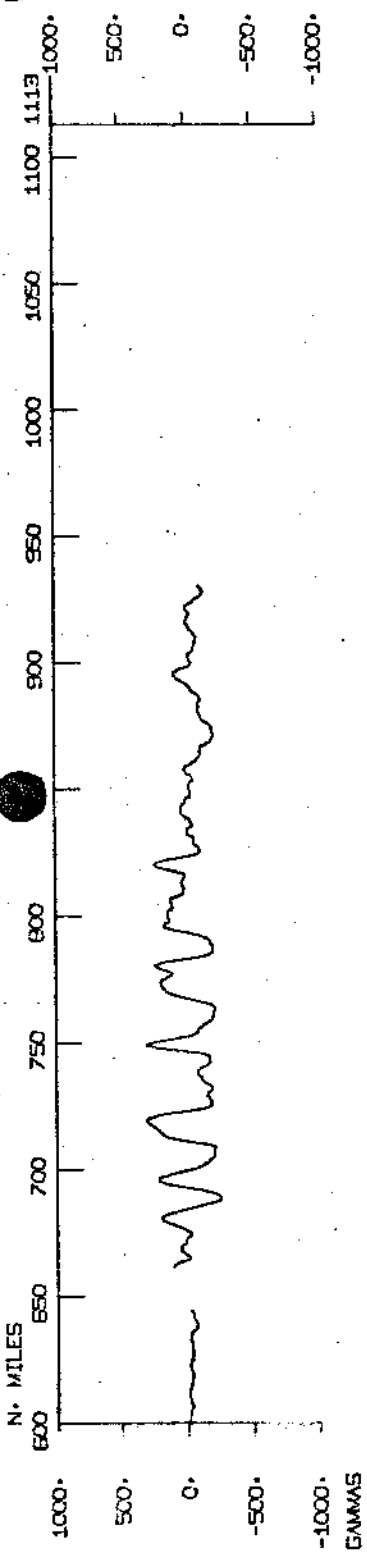


SOUTH-TOW LEG 5 track plot

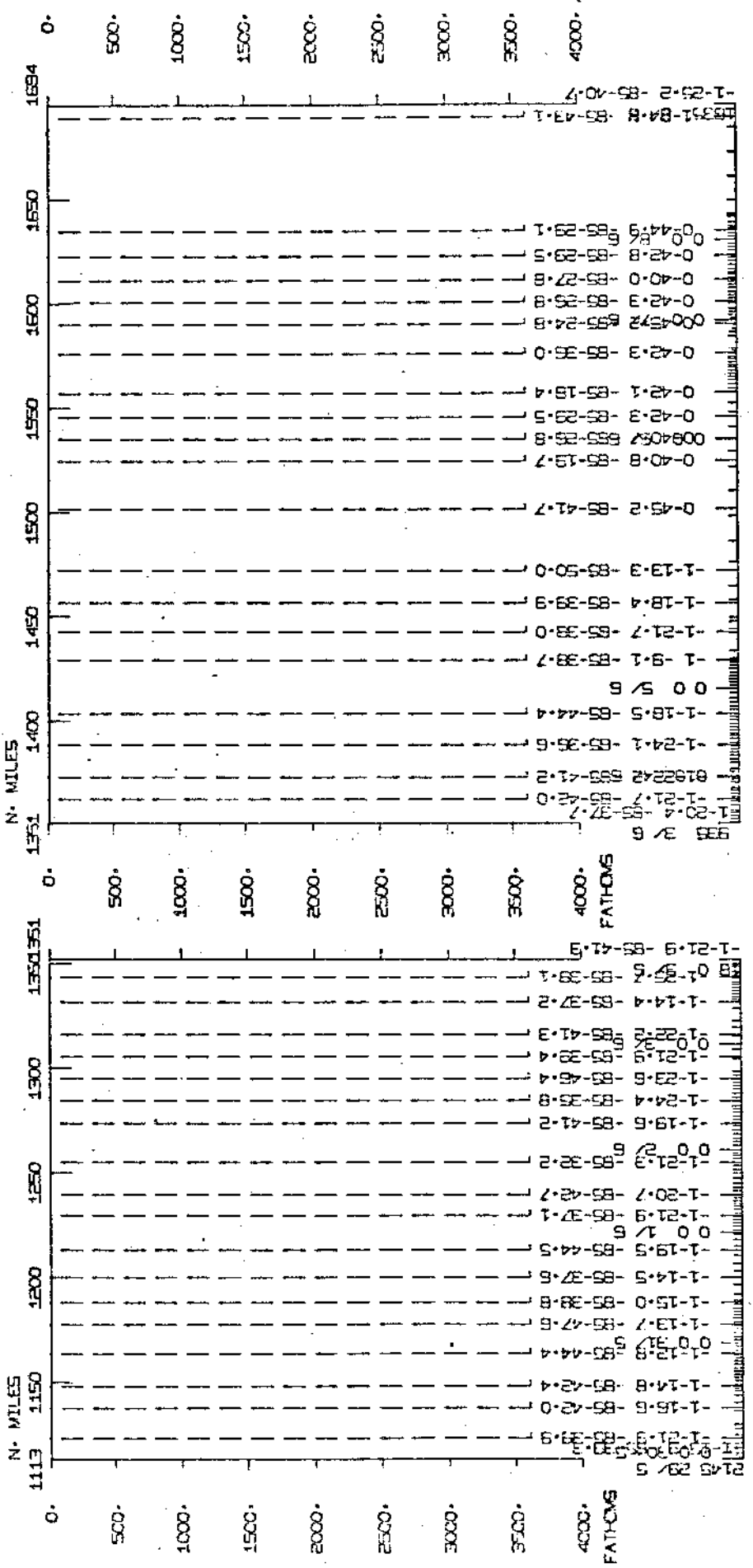
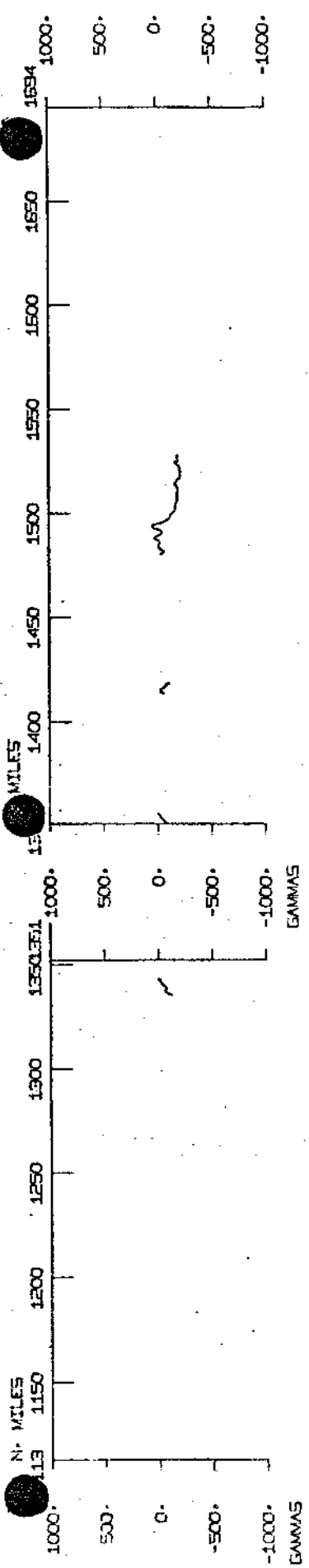
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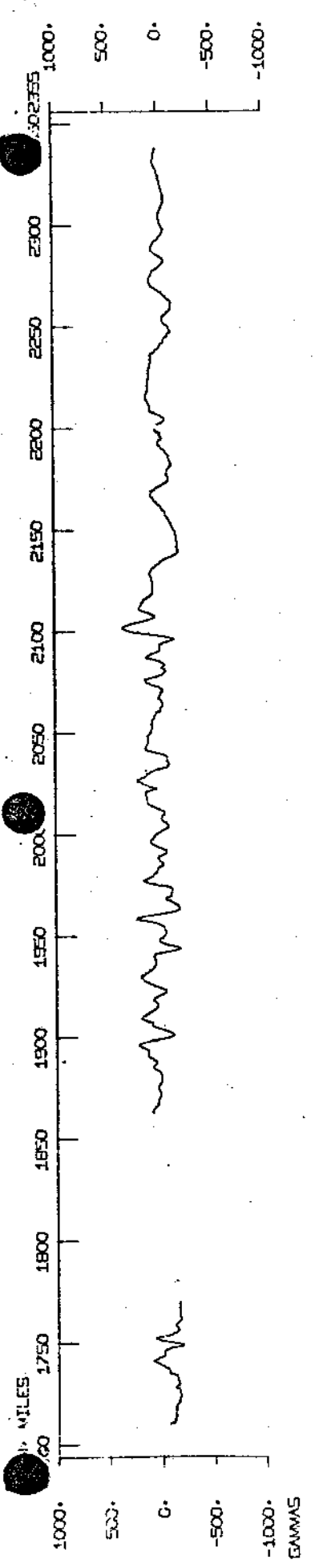
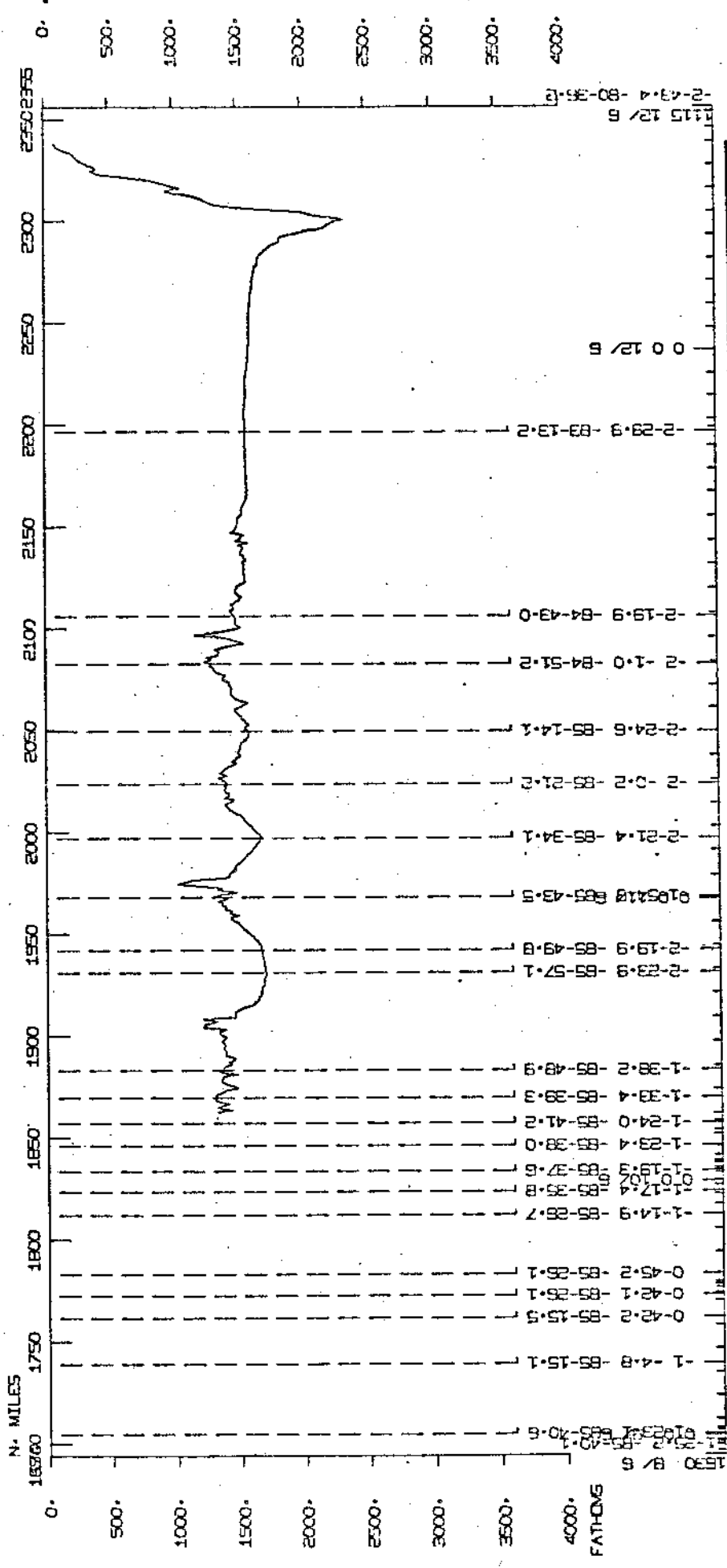
# SOUTH TOW LEG 5



# SOUTHWEST LEG



# SOUTH TOW LEG 5





SOUTH TOW EXPEDITION LEG 5 SAMPLE INDEX DATA

LISTED 18 AUGUST 1972

1520 22 572 LG 0 CALLAO PERU 12 40S 77 100W P SOTW05WT  
 900 12 672 LG E GUAYAQUIL ECUADR 2 41S 80 533W S SOTW05WT

\*\*\* PERSONNEL \*\*\*

0	0	0	0	MPL	0	ON	0	OE	SOTW05WT
0	0	0	0	SIG	0	ON	0	OE	SOTW05WT
0	0	0	0	F. N. SPIESS					
0	0	0	0	J. HARDY					
0	0	0	0	J. DUNOVAN					
0	0	0	0	M. ELSTON					
0	0	0	0	J. MATHER					
0	0	0	0	D. MCKINNEY					
0	0	0	0	V. H. ALARCON					
0	0	0	0	D. BOEGEMAN					
0	0	0	0	B. COLES					
0	0	0	0	G. FORBES					
0	0	0	0	P. LONSDALE					
0	0	0	0	B. MALFAIT					
0	0	0	0	G. MILLER					
0	0	0	0	W. POWELL					
0	0	0	0	R. TYCE					
0	0	0	0	W. URQUIZO					
0	0	0	0	T. VAN ANDEL					
				PECS					
				PERT					
				PEMT					
				PECT					
				PEET					
				PEAT					
				PEXN					
				PE					
				PE					
				PE					
				PES					
				PES					
				PE					
				PE					
				PE					
				PEXN					
				PE					
				MPL	0	ON	0	OE	SOTW05WT
				SCG	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				SRG	0	ON	0	OE	SOTW05WT
				PRU	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				MPL	0	ON	0	OE	SOTW05WT
				DCP	0	ON	0	OE	SOTW05WT
				SID	0	ON	0	OE	SOTW05WT
				PRU	0	ON	0	OE	SOTW05WT
				DSU	0	ON	0	OE	SOTW05WT

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

\*\*\* NAVIGATION PLOTS \*\*\*

TIME GMT	DATE D.M.Y.	TZ LOC	SAMP LDC CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
1033	22	572	NVBP B	BRIDGE PLOTS 1	GDC 0	ON	0 OE	SOTW05WT
2308	22	572	NVBP E	BRIDGE PLOTS 1	GDC 11	164S	78 104W	S SOTW05WT
2308	22	572	NVBP B	BRIDGE PLOTS 2	GDC 11	164S	78 104W	S SOTW05WT
342	25	572	NVBP E	BRIDGE PLOTS 2	GDC 4	319S	85 100W	S SOTW05WT
342	25	572	NVBP B	BRIDGE PLOTS 3	GDC 4	319S	85 100W	S SOTW05WT
1846	29	572	NVBP E	BRIDGE PLOTS 3	GDC 1	131S	85 412W	S SOTW05WT
1932	29	572	NVBP B	BRIDGE PLOTS 4	GDC 1	129S	85 403W	S SOTW05WT
1242	1	672	NVBP E	BRIDGE PLOTS 4	GDC 1	214S	85 419W	S SOTW05WT
1242	1	672	NVBP B	BRIDGE PLOTS 5	GDC 1	214S	85 419W	S SOTW05WT
1246	1	672	NVBP E	BRIDGE PLOTS 5	GDC 1	215S	85 418W	S SOTW05WT
1246	1	672	NVBP B	BRIDGE PLOTS 6	GDC 1	215S	85 418W	S SOTW05WT
2304	8	672	NVBP E	BRIDGE PLOTS 6	GDC 1	237S	85 394W	S SOTW05WT
2304	8	672	NVBP B	BRIDGE PLOTS 7	GDC 1	237S	85 394W	S SOTW05WT
1110	10	672	NVBP E	BRIDGE PLOTS 7	GDC 1	233S	85 381W	S SOTW05WT
1110	10	672	NVBP B	BRIDGE PLOTS 8	GDC 1	233S	85 381W	S SOTW05WT
747	12	672	NVBP E	BRIDGE PLOTS 8	GDC 2	402S	81 69W	S SOTW05WT
1700	22	572	NVCP B	COMPUTER PLOTS 1	GDC 11	536S	77 244W	S SOTW05WT
1900	24	572	NVCP E	COMPUTER PLOTS 1	GDC 5	532S	84 17W	S SOTW05WT
1900	24	572	NVCP B	COMPUTER PLOTS 2	GDC 5	532S	84 17W	S SOTW05WT
100	26	572	NVCP E	COMPUTER PLOTS 2	GDC 1	313S	85 461W	S SOTW05WT
1700	5	672	NVCP B	COMPUTER PLOTS 3	GDC 1	141S	85 429W	S SOTW05WT
204	6	672	NVCP E	COMPUTER PLOTS 3	GDC 0	424S	85 278W	S SOTW05WT
1130	8	672	NVCP B	COMPUTER PLOTS 4	GDC 0	435S	85 262W	S SOTW05WT
1600	8	672	NVCP E	COMPUTER PLOTS 4	GDC 1	249S	85 397W	S SOTW05WT
430	9	672	NVCP B	COMPUTER PLOTS 5	GDC 1	234S	85 389W	S SOTW05WT
1101	9	672	NVCP E	COMPUTER PLOTS 5	GDC 0	435S	85 263W	S SOTW05WT
1600	9	672	NVCP B	COMPUTER PLOTS 6	GDC 0	453S	85 262W	S SOTW05WT
2000	9	672	NVCP E	COMPUTER PLOTS 6	GDC 1	161S	85 358W	S SOTW05WT
1500	10	672	NVCP B	COMPUTER PLOTS 7	GDC 1	260S	85 407W	S SOTW05WT
1400	11	672	NVCP E	COMPUTER PLOTS 7	GDC 2	239S	84 177W	S SOTW05WT
1400	11	672	NVCP B	COMPUTER PLOTS 8	GDC 2	239S	84 177W	S SOTW05WT
1000	12	672	NVCP E	COMPUTER PLOTS 8	GDC 2	420S	80 461W	S SOTW05WT

\*\*\*FATHOGRAMS \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1900 22	572			DPRT B	GDR 12KHZ ROLL 1	GDC 11	494S	77 310W	S SOTW05WT	
1905 23	572			DPRT E	GDR 12KHZ ROLL 1	GDC 9	341S	81 88W	S SOTW05WT	
1910 23	572			DPRT B	GDR 12KHZ ROLL 2	GDC 9	333S	81 94W	S SOTW05WT	
40 26	572			DPRT E	GDR 12KHZ ROLL 2	GDC 1	345S	85 482W	S SOTW05WT	
20 11	672			DPRT B	GDR 12KHZ ROLL 9	GDC 1	566S	85 424W	S SOTW05WT	
25 12	672			DPRT E	GDR 12KHZ ROLL 9	GDC 2	358S	82 308W	S SOTW05WT	
30 12	672			DPRT B	GDR 12KHZ ROLL10	GDC 2	359S	82 299W	S SOTW05WT	
900 12	672			DPRT E	GDR 12KHZ ROLL10	GDC 2	413S	80 533W	S SOTW05WT	
1600 22	672			DPR3 B	GDR3.5KHZ ROLL 1	GDC 0	ON	0 OE	SOTW05WT	
130 23	572			DPR3 E	GDR3.5KHZ ROLL 1	GDC 10	568S	78 330W	S SOTW05WT	
510 23	572			DPR3 B	GDR3.5KHZ ROLL 2	GDC 10	263S	79 47W	S SOTW05WT	
915 23	572			DPR3 E	GDR3.5KHZ ROLL 2	GDC 9	556S	79 388W	S SOTW05WT	
938 23	572			DPR3 B	GDR3.5KHZ ROLL 3	GDC 9	556S	79 426W	S SOTW05WT	
307 25	572			DPR3 E	GDR3.5KHZ ROLL 3	GDC 4	380S	85 64W	S SOTW05WT	
1430 10	672			DPR3 B	GDR3.5KHZ ROLL 8	GDC 1	238S	85 409W	S SOTW05WT	
25 11	672			DPR3 E	GDR3.5KHZ ROLL 8	GDC 1	575S	85 422W	S SOTW05WT	
1450 10	672			DPR3 B	GDR3.5KHZ ROLL13	GDC 1	252S	85 408W	S SOTW05WT	
930 11	672			DPR3 E	GDR3.5KHZ ROLL13	GDC 2	42S	84 545W	S SOTW05WT	
945 11	672			DPR3 B	GDR3.5KHZ ROLL14	GDC 2	22S	84 526W	S SOTW05WT	
1900 11	672			DPR3 E	GDR3.5KHZ ROLL14	GDC 2	294S	83 198W	S SOTW05WT	
1915 11	672			DPR3 B	GDR3.5KHZ ROLL15	GDC 2	296S	83 169W	S SOTW05WT	
915 12	672			DPR3 E	GDR3.5KHZ ROLL15	GDC 2	414S	80 523W	S SOTW05WT	

\*\*\* SEISMIC REFLECTION PROFILES \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	SAMP CODE	SAMPLE IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1945 22	572			SPRS B	AIRGUN-RS-ROLL 1	GDC 11	440S	77 385W	S SOTW05WT	
900 12	672			SPRS E	AIRGUN-RS-ROLL 1	GDC 2	413S	80 533W	S SOTW05WT	
1900 22	572			MGR B	MAGNET-ROLL 1	GDC 11	494S	77 310W	S SOTW05WT	
0 10	672			MGR E	MAGNET-ROLL 1	GDC 1	170S	85 340W	S SOTW05WT	
1500 10	672			MGR B	MAGNET-ROLL 2	GDC 1	260S	85 407W	S SOTW05WT	
900 12	672			MGR E	MAGNET-ROLL 2	GDC 2	413S	80 533W	S SOTW05WT	

\*\*\* MAGNETOMETER \*\*\*

\*\*\* LOG BOOKS \*\*\*

TIME GMT	DATE D.M.Y.	TZ LOC	SAMP LOC CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
1520	22	572	LBWU B	UNDER/WAY LOG	GDC 0	ON	0 OE	SOTW05WT
900	12	672	LBWU E	UNDER/WAY LOG	GDC 2	413S	80 533W	S SOTW05WT
230	26	572	LBWU B	U/W DEEP TOW LOG	DTG 1	168S	85 378W	S SOTW05WT
1430	10	672	LBWU E	U/W DEEP TOW LOG	DTG 1	238S	85 409W	S SOTW05WT
230	26	572	LB	B DEEP TOW LOG	DTG 1	168S	85 378W	S SOTW05WT
1429	9	672	LB	E DEEP TOW LOG	DTG 0	429S	85 266W	S SOTW05WT

DEEP TOW SURVEY-CURATOR JOHN MUDIE EXT.1091

\*\*\* DEEP TOW \*\*\*

TIME GMT	DATE D.M.Y.	TZ LOC	SAMP LOC CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE L5G-SHIP
240	26	572	DT B	CARNEGIE RIDGE S	DTG 1	168S	85 374W	S SOTW05WT
915	5	672	DT E	CARNEGIE RIDGE S	DTG 1	99S	85 382W	S SOTW05WT
30	6	672	DT B	CARNEGIE RIDGE N	DTG 0	436S	85 262W	S SOTW05WT
500	8	672	DT E	CARNEGIE RIDGE N	DTG 0	437S	85 292W	S SOTW05WT

GEOLOGY/GEOPHYSICS

\*\*\* CORES \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	LOC	SAMP IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
730	8	672	C	G	B SOTW 5-1 CG	DTG	0	429S	85 261W	S SOTW05WT
900	8	672	C	G	E SOTW 5-1 CG	DTG	0	428S	85 261W	S SOTW05WT
930	8	672	C	G	B SOTW 5-2 CG	DTG	0	426S	85 261W	S SOTW05WT
1100	8	672	C	G	E SOTW 5-2 CG	DTG	0	422S	85 261W	S SOTW05WT
1720	8	672	C	G	B SOTW 5-3 CG	DTG	1	243S	85 422W	S SOTW05WT
1900	8	672	C	G	E SOTW 5-3 CG	DTG	1	243S	85 401W	S SOTW05WT
1935	8	672	C	G	B SOTW 5-4 CG	DTG	1	242S	85 395W	S SOTW05WT
2120	8	672	C	G	E SOTW 5-4 CG	DTG	1	239S	85 395W	S SOTW05WT
2140	8	672	C	G	B SOTW 5-5 CG	DTG	1	234S	85 395W	S SOTW05WT
2330	8	672	C	G	E SOTW 5-5 CG	DTG	1	237S	85 403W	S SOTW05WT
0	9	672	C	G	B SOTW 5-6 CG	DTG	1	240S	85 404W	S SOTW05WT
110	9	672	C	G	E SOTW 5-6 CG	DTG	1	238S	85 405W	S SOTW05WT
2215	9	672	C	G	B SOTW 5-7 CG	DTG	1	164S	85 357W	S SOTW05WT
2318	9	672	C	G	E SOTW 5-7 CG	DTG	1	168S	85 356W	S SOTW05WT
700	8	672	C	G	B GRAV.CORE 5-01	GRD	0	430S	85 260W	S SOTW05WT
930	8	672	C	G	E GRAV.CORE 5-01	GRD	0	426S	85 261W	S SOTW05WT
945	8	672	C	G	B GRAV.CORE 5-02	GRD	0	425S	85 261W	S SOTW05WT
1115	8	672	C	G	E GRAV.CORE 5-02	GRD	0	422S	85 260W	S SOTW05WT
1920	8	672	C	G	B GRAV.CORE 5-03	GRD	1	243S	85 399W	S SOTW05WT
2330	8	672	C	G	E GRAV.CORE 5-03	GRD	1	237S	85 403W	S SOTW05WT
2350	8	672	C	G	B GRAV.CORE 5-04	GRD	1	240S	85 404W	S SOTW05WT
0	8	672	C	G	E GRAV.CORE 5-04	GRD	0	421S	85 261W	S SOTW05WT

\*\*\* CAMERA \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	LOC	SAMP IDENT.	SEQ. NUM.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
500	26	572	CAFS		SOTW 5-1 CAMERA	DTG	1	164S	85 357W	S SOTW05WT
430	28	572	CAFS		SOTW 5-2 CAMERA	DTG	1	150S	85 383W	S SOTW05WT
2146	31	572	CAFS		SOTW 5-3 CAMERA	DTG	1	201S	85 424W	S SOTW05WT
1349	5	672	CAFS		SOTW 5-4 CAMERA	DTG	1	251S	85 379W	S SOTW05WT

\*\*\* DREDGES \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	SEQ. NUM.	DISP CODE	SAMPLE IDENT.	LAT.	LONG.	CRUISE L5G-SHIP
124	9	672	D R	B	SOTW	5-1 RK DRDG	DTG 1 2355	85 405W	S SOTW05WT
400	9	672	D R	E	SOTW	5-1 RK DRDG	DTG 1 2425	85 403W	S SOTW05WT
1300	9	672	D R	B	SOTW	5-2 RK DRDG	DTG 0 4205	85 264W	S SOTW05WT
1430	9	672	D R	E	SOTW	5-2 RK DRDG	DTG 0 4295	85 266W	S SOTW05WT
250	10	672	D R	B	SOTW	5-3 RK DRDG	DTG 1 1925	85 375W	S SOTW05WT
430	10	672	D R	E	SOTW	5-3 RK DRDG	DTG 1 2005	85 369W	S SOTW05WT
550	10	672	D R	B	SOTW	5-4 RK DRDG	DTG 1 1925	85 373W	S SOTW05WT
915	10	672	D R	E	SOTW	5-4 RK DRDG	DTG 1 2065	85 370W	S SOTW05WT
200	9	672	D R	B	DREDGE		GRD 1 2355	85 406W	S SOTW05WT
400	9	672	D R	E	DREDGE		GRD 1 2425	85 403W	S SOTW05WT

PHYSICAL OCEANOGRAPHY

BATHY THERMOGRAPHS - CURATOR MARGARET ROBINSON (EXT.1135)

\*\*\* BATHY THERMOGRAPH \*\*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	SEQ. NUM.	DISP CODE	SAMPLE IDENT.	LAT.	LONG.	CRUISE L5G-SHIP
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530	23	572	BTX	XBT	5-02		BTS 10 2365	79 73W	S SOTW05WT
500	26	572	BTX	XBT	5-03		BTS 1 1645	85 357W	S SOTW05WT
1720	270572		BTX	XBT	5-04		BTS 01-1805	085-340W	S SOTW05WT
2100	270572		BTX	XBT	5-05		BTS 01-1505	085-360W	S SOTW05WT
2100	28 572		BTX	XBT	5-06		BTS 1 1465	85 366W	S SOTW05WT
2121	29 572		BTX	XBT	5-07		BTS 1 1505	85 393W	S SOTW05WT
2100	30 572		BTX	XBT	5-08		BTS 1 1305	85 441W	S SOTW05WT
2100	31 572		BTX	XBT	5-09		BTS 1 1915	85 436W	S SOTW05WT
2300	1 672		BTX	XBT	5-10		BTS 1 2245	85 356W	S SOTW05WT
500	3 672		BTX	XBT	5-11		BTS 1 1445	85 371W	S SOTW05WT
0	4 672		BTX	XBT	5-12		BTS 1 2185	85 417W	S SOTW05WT
2330	4 672		BTX	XBT	5-13		BTS 1 2335	85 397W	S SOTW05WT
2330	5 672		BTX	XBT	5-14		BTS 0 4185	85 273W	S SOTW05WT
0	7 672		BTX	XBT	5-15		BTS 0 4395	85 247W	S SOTW05WT
100	8 672		BTX	XBT	5-16		BTS 0 4345	85 270W	S SOTW05WT
210	9 672		BTX	XBT	5-17		BTS 1 2375	85 406W	S SOTW05WT
0	10 672		BTX	XBT	5-18		BTS 1 1705	85 340W	S SOTW05WT
500	10 672		BTX	XBT	5-19		BTS 1 2035	85 366W	S SOTW05WT
1300	100672		BTX	XBT	5-20		BTS 01-2005	085-400W	S SOTW05WT
2100	110672		BTX	XBT	5-21		BTS 02-2405	081-570W	S SOTW05WT
0600	110672		BTX	XBT	5-22		BTS 02-1305	085-170W	S SOTW05WT
1300	110672		BTX	XBT	5-23		BTS 02-2105	084-310W	S SOTW05WT
2100	110672		BTX	XBT	5-24		BTS 02-3305	083-080W	S SOTW05WT
0500	120672		BTX	XBT	5-25		BTS 02-3905	081-390W	S SOTW05WT

\*\*\* CURRENT MEASUREMENT \*\*\*

TIME GMT D.M.Y.	DATE TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
457 26 572		CMAB	SOTW5-1 CURR.MT.	DTG 1 163S	85 357M	S SOTW05WT	
926 26 572		CMAB	SOTW5-2 CURR.MT.	DTG 1 160S	85 382M	S SOTW05WT	
2143 31 572		CMAB	SOTW5-3 CURR.MT.	DTG 1 201S	85 424M	S SOTW05WT	
1349 5 672		CMAB	SOTW5-4 CURR.MT.	DTG 1 251S	85 379M	S SOTW05WT	
201 6 672		CMAB	SOTW5-5 CURR.MT.	DTG 0 424S	85 278M	S SOTW05WT	

BIOLOGY

\*\*\* SURFACE NET \*\*\*

TIME GMT D.M.Y.	DATE TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LSG-SHIP
2330 22 572		SNS	LEWIN HALOBATES	LCL 11 133S	78 138M	S SOTW05WT	
2330 23 572		SNS	LEWIN HALOBATES	LCL 8 545S	81 443M	S SOTW05WT	
2330 25 572		SNS	LEWIN HALOBATES	LCL 1 465S	85 543M	S SOTW05WT	

NON-SIO PROGRAMS-PROCESSOR J.L.COATSWORTH EXT. 2846

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

\*\*\* AIR SAMPLE \*\*\*

TIME GMT D.M.Y.	DATE TZ LOC LOC	SAMP CODE	SAMPLE IDENT.	SEQ. DISP NUM. CODE	LAT.	LONG.	CRUISE LEG-SHIP
600 22 572		ASNU	AEROSOL	AWH 0 0N	0 0E	SOTW05WT	
1200 22 572		ASNU	AEROSOL	AWH 0 0N	0 0E	SOTW05WT	
1800 22 572		ASNU	AEROSOL	AWH 11 510S	77 289M	S SOTW05WT	
1836 22 572		ASNU	AEROSOL	AWH 11 508S	77 291M	S SOTW05WT	
0 23 572		ASNU	AEROSOL	AWH 11 90S	78 186M	S SOTW05WT	
600 23 572		ASNU	AEROSOL	AWH 10 195S	79 111M	S SOTW05WT	
1200 23 572		ASNU	AEROSOL	AWH 9 552S	80 63M	S SOTW05WT	
1800 23 572		ASNU	AEROSOL	AWH 9 443S	81 14M	S SOTW05WT	
0 24 572		ASNU	AEROSOL	AWH 8 501S	81 485M	S SOTW05WT	
7 24 572		ASNU	AEROSOL	AWH 8 490S	81 495M	S SOTW05WT	
1800 25 572		ASNU	AEROSOL	AWH 1 582S	85 147M	S SOTW05WT	
0 26 572		ASNU	AEROSOL	AWH 1 412S	85 518M	S SOTW05WT	
600 26 572		ASNU	AEROSOL	AWH 1 186S	85 360M	S SOTW05WT	
1800 26 572		ASNU	AEROSOL	AWH 1 157S	85 343M	S SOTW05WT	
0 27 572		ASNU	AEROSOL	AWH 1 159S	85 427M	S SOTW05WT	
630 27 572		ASNU	AEROSOL	AWH 1 154S	85 358M	S SOTW05WT	
1800 27 572		ASNU	AEROSOL	AWH 1 176S	85 349M	S SOTW05WT	
700 28 572		ASNU	AEROSOL	AWH 1 162S	85 380M	S SOTW05WT	
1200 28 572		ASNU	AEROSOL	AWH 1 200S	85 388M	S SOTW05WT	
1800 28 572		ASNU	AEROSOL	AWH 1 121S	85 342M	S SOTW05WT	
0 29 572		ASNU	AEROSOL	AWH 1 181S	85 369M	S SOTW05WT	

TIME	DATE	TIME	TZ	SAMP	SEQ. DISP	CRUISE	
GMT	D.M.Y.	LOC	LOC	LOC	NUM. CODE	LEG-SHIP	
				SAMPLE IDENT.	LAT.	LONG.	
0 30	572	ASNU	AEROSOL	AWH	1 16 75	85 396W	S SOTW05WT
600 30	572	ASNU	AEROSOL	AWH	1 179S	85 423W	S SOTW05WT
0 31	572	ASNU	AEROSOL	AWH	1 108S	85 409W	S SOTW05WT
0 1	672	ASNU	AEROSOL	AWH	1 191S	85 428W	S SOTW05WT
0 2	672	ASNU	AEROSOL	AWH	1 22 7S	85 3 1W	S SOTW05WT
0 3	672	ASNU	AEROSOL	AWH	1 234S	85 419W	S SOTW05WT
2345 3	672	ASNU	AEROSOL	AWH	1 220S	85 415W	S SOTW05WT
0 5	672	ASNU	AEROSOL	AWH	1 226S	85 396W	S SOTW05WT
0 6	672	ASNU	AEROSOL	AWH	0 404S	85 268W	S SOTW05WT
2330 6	672	ASNU	AEROSOL	AWH	0 451S	85 247W	S SOTW05WT
0 8	672	ASNU	AEROSOL	AWH	0 421S	85 261W	S SOTW05WT
0 10	672	ASNU	AEROSOL	AWH	1 110S	85 340W	S SOTW05WT
0 11	672	ASNU	AEROSOL	AWH	1 55 7S	85 438W	S SOTW05WT
0 12	672	ASNU	AEROSOL	AWH	2 355S	82 355W	S SOTW05WT

END SAMPLE INDEX