

Chase

PRELIMINARY REPORT AND INDEX  
OF  
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA  
SOUTHTOW EXPEDITION  
LEG 10  
R/V T. WASHINGTON

Pago Pago, Samoa (26 Oct. 1972)

To

Pago Pago, Samoa (20 Nov. 1972)

Chief Scientist, Leg 10- F. N. Spiess

Cruise Coordinator - J. Mudie

Airgun Tech. - R. E. Bongard

Computer Tech. - J. L. Abbott, J. D. Ott

Resident Marine Tech. - W. E. Keith

Data Processed by - U. Albright, P. Lonsdale, J. Moore, O. McConnell

Geological Data Center

T. E. Chase - Curator

S. M. Smith - Data Processing Coordinator

Scripps Institution of Oceanography

La Jolla, California

January 24, 1973

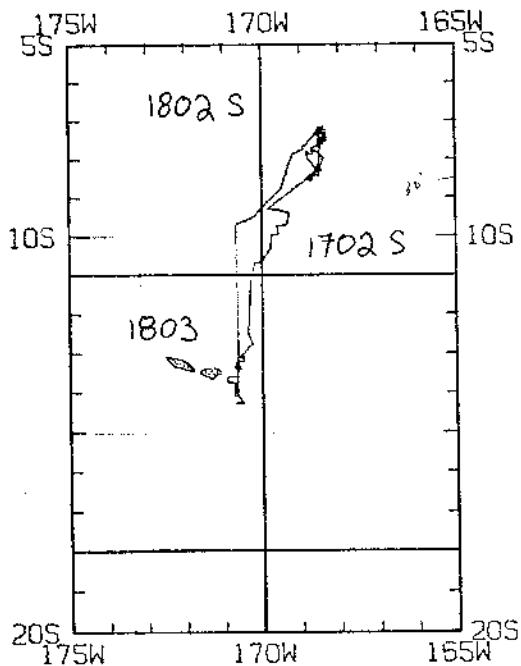
Preliminary Report and Index of Navigation, Depth, Magnetic and Subbottom Profiler Data

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



SOUTHTOW EXPEDITION

LEG 10

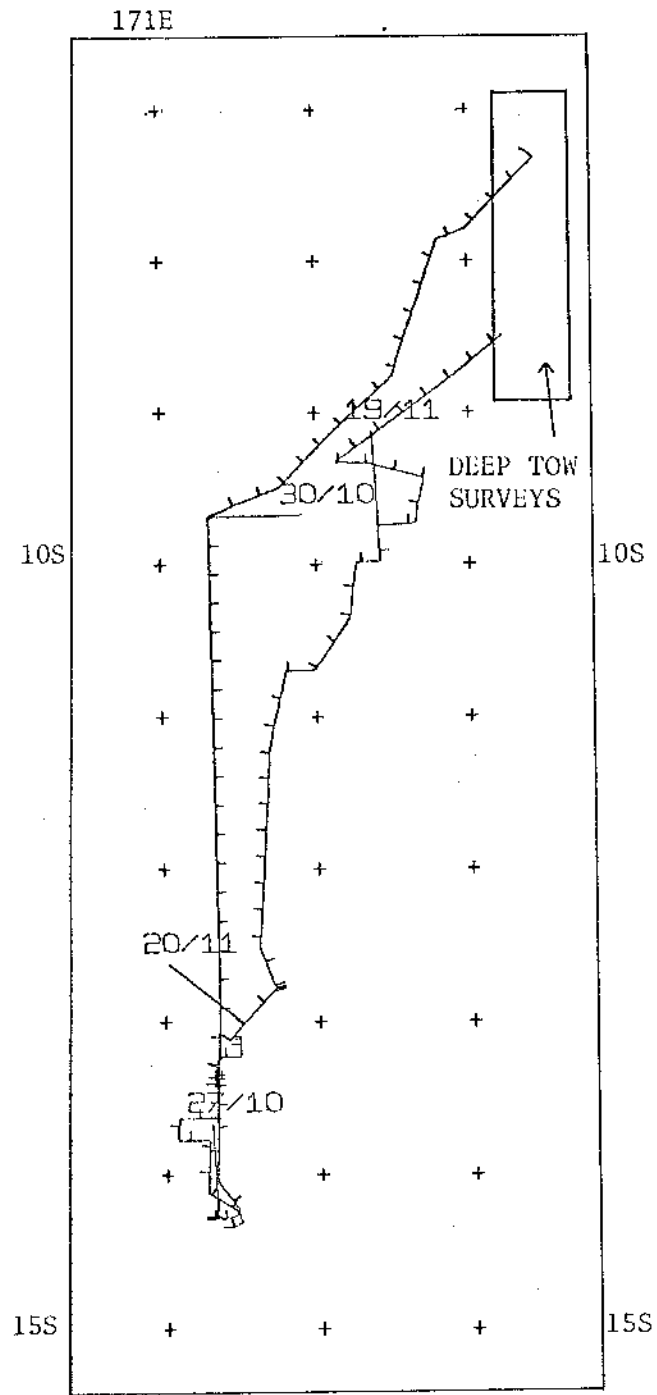
R/V T. Washington

Chief Scientist - F.N. Spiess

Pago Pago, Samoa - Pago Pago, Samoa (26 October 1972 - 20 November 1972)

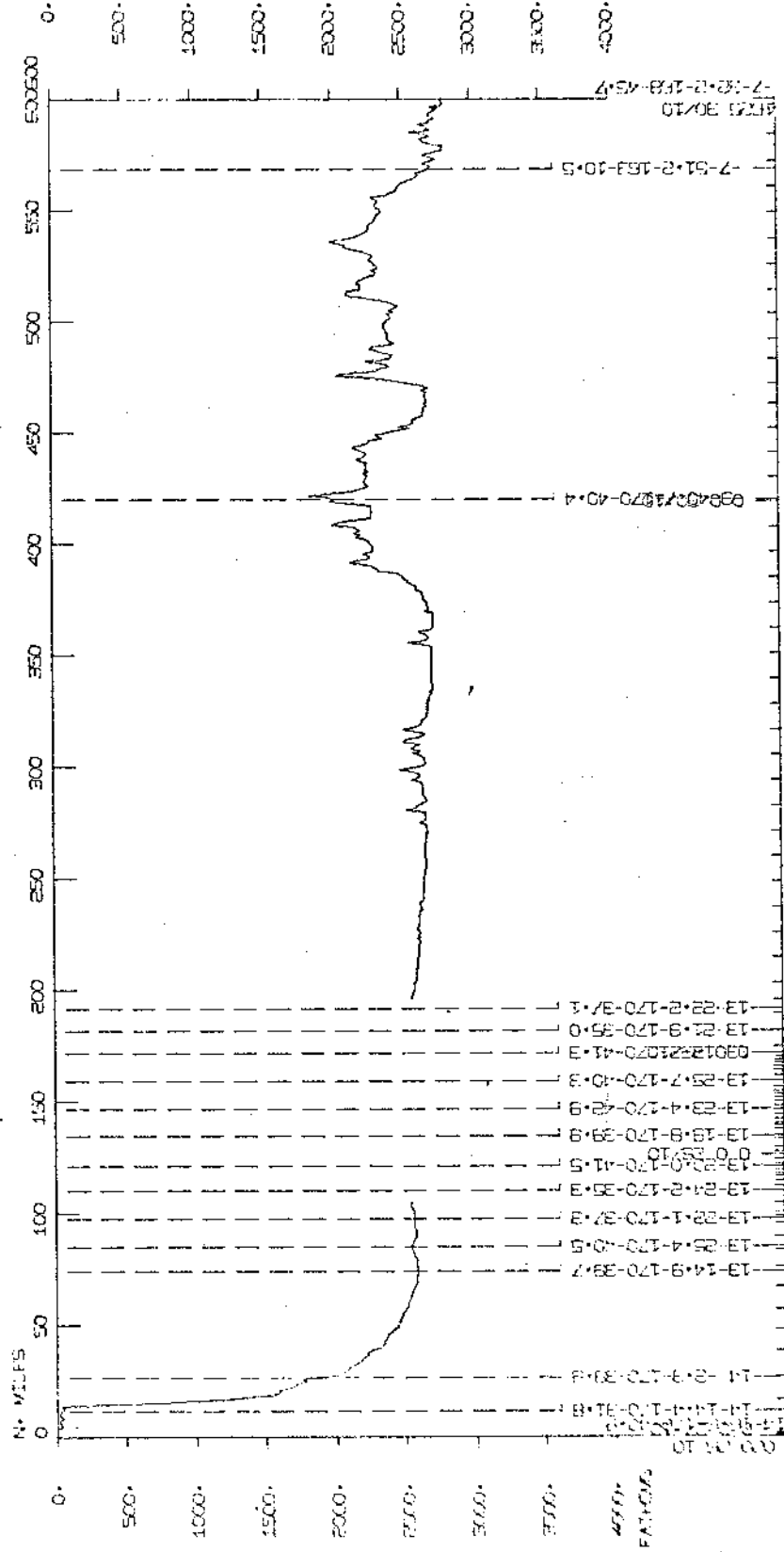
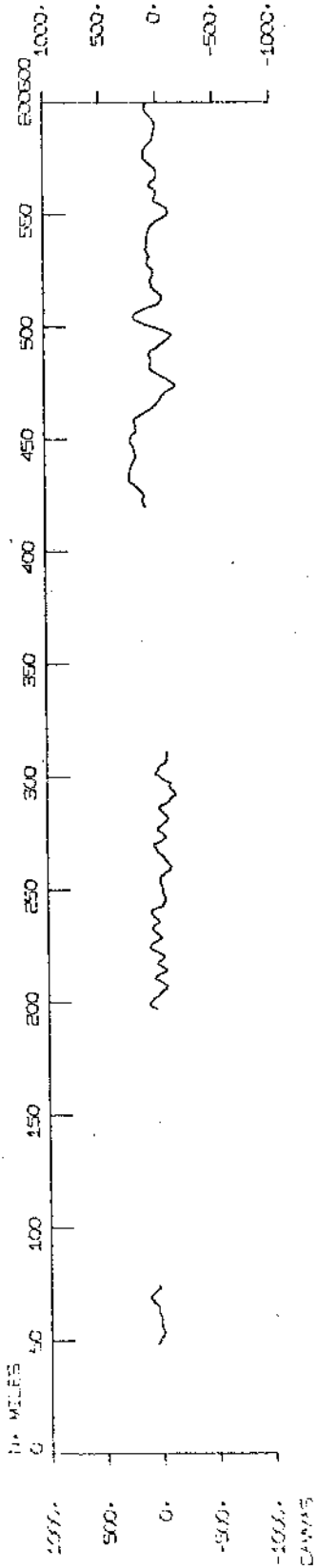
TOTAL MILEAGE

- 1) Cruise - 2405.4 miles
- 2) Bathymetry - 1025 miles
- 3) Magnetics - 840 miles
- 4) Seismic Reflection - 890 miles

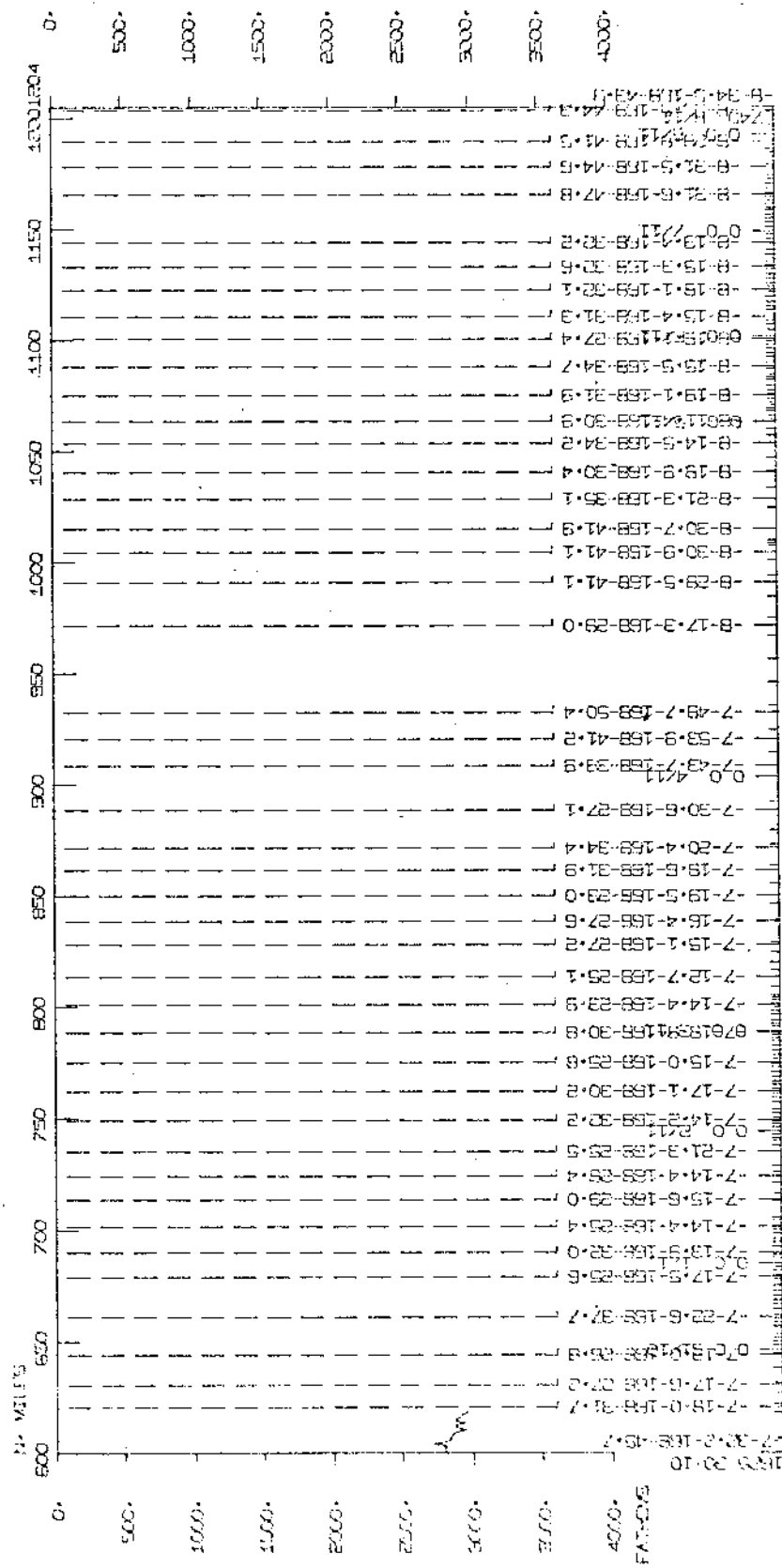
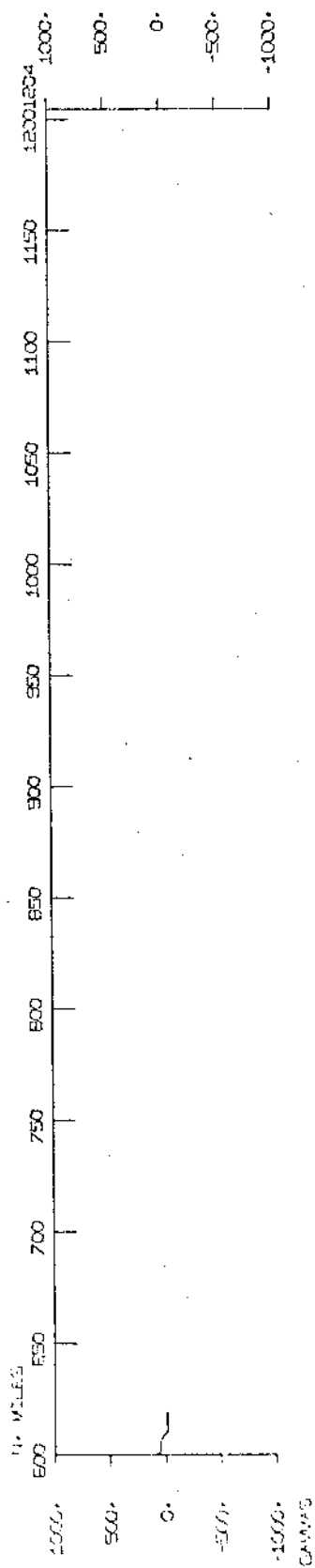


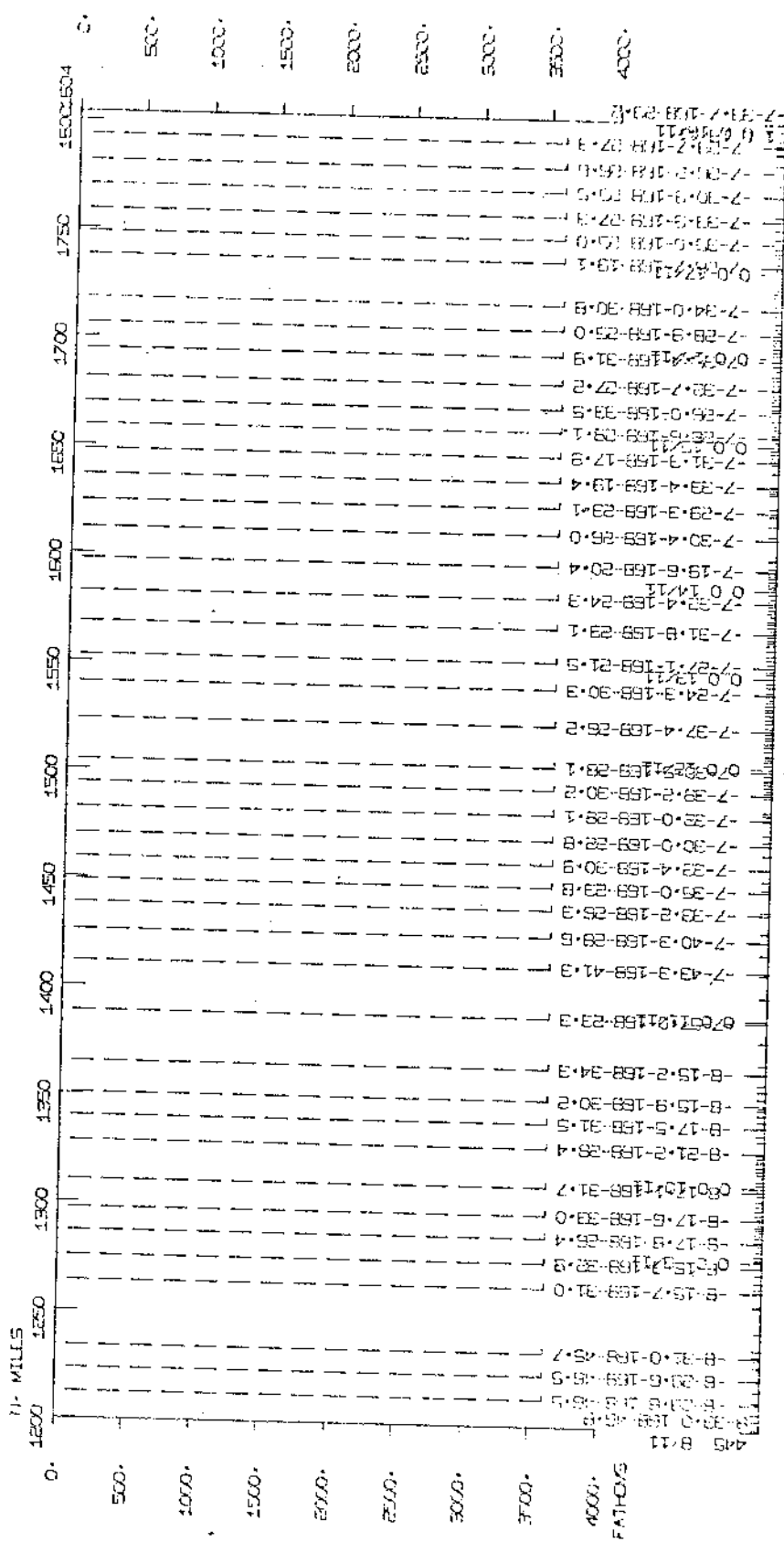
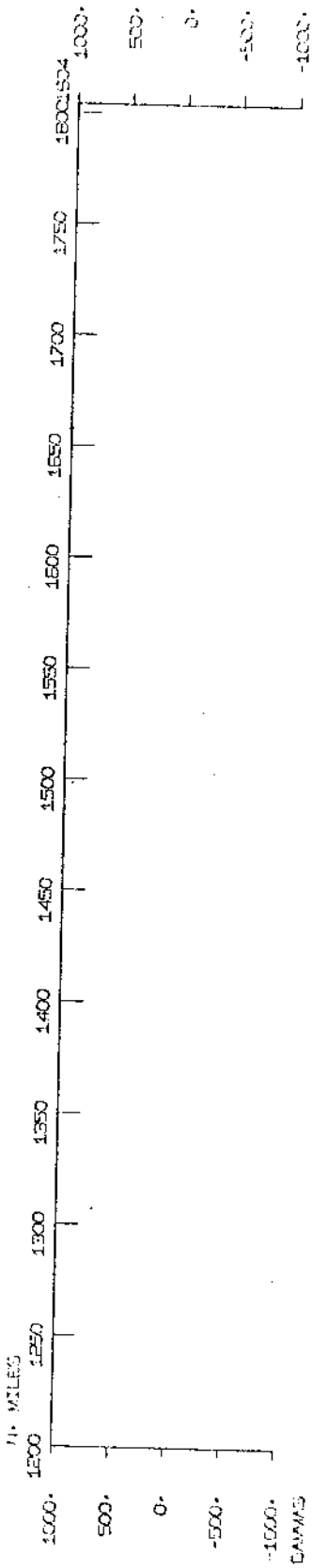
SOUTH TOW 10  
track plot

# SOUTHWEST LEG 10

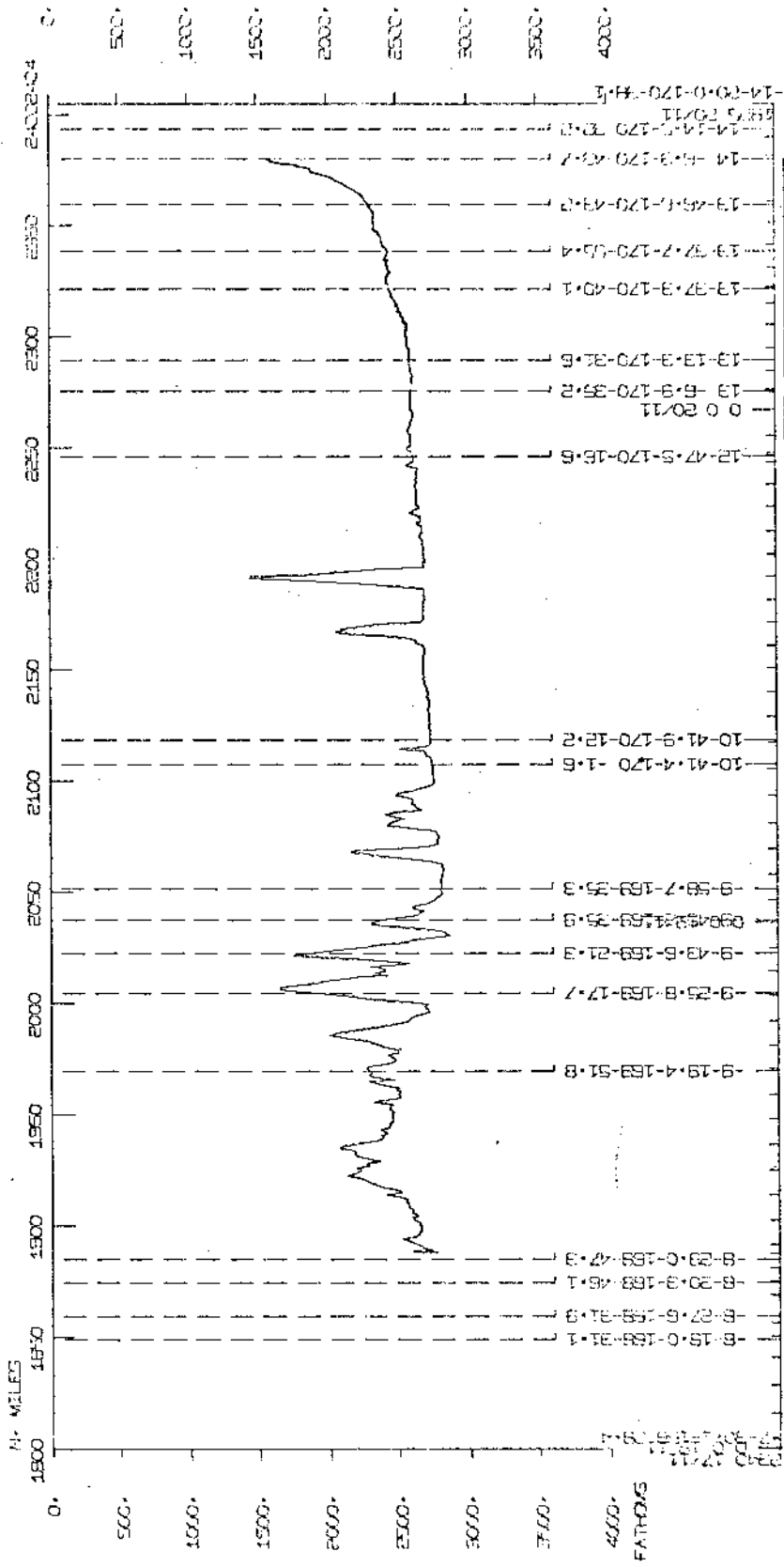
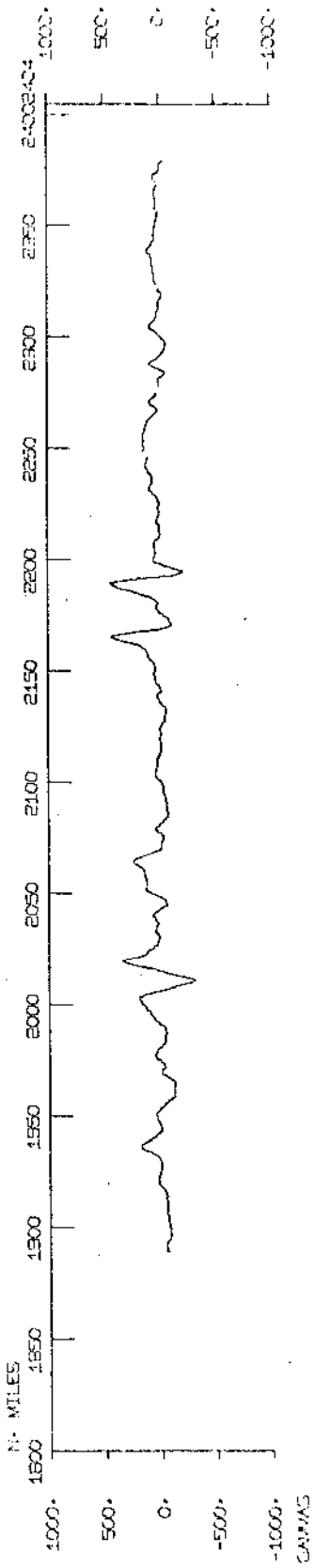


SOUTH-TOW LEG 10





0 1 2 3 4 5 6 7 8 9 10 11 12



10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



SOUTH TOW EXPEDITION

LEG 10

SAMPLE INDEX

LISTED JANUARY 2, 1973

0016 261072 PAGO PAGO, SAMOA 14 166S 170 409W S0TW10WT  
 1832 201172 PAGO PAGO, SAMOA 14 200S 170 391W S0TW10WT

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

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

PECS	F.N.	SPIESS	ON	0	CE	S0TW10WT
PERT	W.E. KEITH		ON	0	CE	S0TW10WT
PECT	J.L. ABBOTT		ON	0	CE	S0TW10WT
PEAT	J.D. DTT		ON	0	CE	S0TW10WT
PE	R.E. BOWGARD		ON	0	CE	S0TW10WT
PE	D.E. POEGEMAN		ON	0	CE	S0TW10WT
PE	R.D. FLUID		ON	0	CE	S0TW10WT
PE	G.F. FORBES		ON	0	CE	S0TW10WT
PE	P.F. LOWDALE		ON	0	CE	S0TW10WT
PE	C.O. LOWENSTEIN		ON	0	CE	S0TW10WT
PE	G.J. MILLER		ON	0	CE	S0TW10WT
PE	J.D. MUDIE		ON	0	CE	S0TW10WT
PE	F.V. PAVLICEK		ON	0	CE	S0TW10WT
PE	J.R. SINGLETON		ON	0	CE	S0TW10WT
PE	R.E. TYCE		ON	0	CE	S0TW10WT
PE	R.H. WILKINS		ON	0	CE	S0TW10WT
PE	D.A. YUEN		ON	0	CE	S0TW10WT

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

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

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP. LOC	SAMP. IDENT.	SURF. TEMP.	DISP. CODE	LAT.	LONG.	CRUISE LEG-SHIP
128	271072		NVBP B	BRIDGE PLOT10-01		GDC	14 147S	170 318W	S SOTW10MT
2058	271072		NVBP E	BRIDGE PLOT10-01		GDC	13 205S	170 417W	S SOTW10MT
2058	271072		NVBP B	BRIDGE PLOT10-02		GDC	13 205S	170 417W	S SOTW10MT
249	181172		NVBP E	BRIDGE PLOT10-02		GDC	7 560S	168 299W	S SOTW10MT
249	181172		NVBP B	BRIDGE PLOT10-03		GDC	7 560S	168 299W	S SOTW10MT
1600	201172		NVBP E	BRIDGE PLOT10-03		GDC	14 75S	170 429W	S-SOTW10MT

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

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP. LOC	SAMP. IDENT.	SURF. TEMP.	DISP. CODE	LAT.	LONG.	CRUISE LEG-SHIP
2340	261072		DPRT B	GDR 12KHZ R10-01		GDC	14 165S	170 406W	S SOTW10MT
356	291072		DPRT E	GDR 12KHZ R10-01		GDC	13 248S	170 391W	S SOTW10MT
401	291072		DPRT B	GDR 12KHZ R10-02		GDC	13 249S	170 390W	S SOTW10MT
1800	301072		DPRT E	GDR 12KHZ R10-02		GDC	7 194S	168 332W	S SOTW10MT
1802	301072		DPRT B	GDR 12KHZ R10-03		GDC	7 193S	168 331W	S SOTW10MT
1200	11172		DPRT E	GDR 12KHZ R10-03		GDC	7 102S	168 241W	S SOTW10MT
2015	11172		DPRT B	GDR 12KHZ R10-04		GDC	7 194S	168 256W	S SOTW10MT
1100	31172		DPRT E	GDR 12KHZ R10-04		GDC	7 135S	168 210W	S SOTW10MT
2151	31172		DPRT B	GDR 12KHZ R10-05		GDC	7 218S	168 331W	S SOTW10MT
1218	41172		DPRT E	GDR 12KHZ R10-05		GDC	8 318S	168 437W	S SOTW10MT
1220	41172		DPRT B	GDR 12KHZ R10-06		GDC	8 318S	168 437W	S SOTW10MT
140	51172		DPRT E	GDR 12KHZ R10-06		GDC	8 114S	168 307W	S SOTW10MT
145	51172		DPRT B	GDR 12KHZ R10-07		GDC	8 115S	168 307W	S SOTW10MT
1800	51172		DPRT E	GDR 12KHZ R10-07		GDC	8 183S	168 334W	S SOTW10MT
1601	51172		DPRT B	GDR 12KHZ R10-08		GDC	8 183S	168 334W	S SOTW10MT
2300	61172		DPRT E	GDR 12KHZ R10-08		GDC	8 213S	168 349W	S SOTW10MT
2300	61172		DPRT B	GDR 12KHZ R10-09		GDC	8 213S	168 349W	S SOTW10MT
1135	71172		DPRT E	GDR 12KHZ R10-09		GDC	8 286S	168 463W	S SOTW10MT
1138	71172		DPRT B	GDR 12KHZ R10-10		GDC	8 285S	168 464W	S SOTW10MT
805	81172		DPRT E	GDR 12KHZ R10-10		GDC	8 313S	168 426W	S SOTW10MT
810	81172		DPRT B	GDR 12KHZ R10-11		GDC	8 314S	168 428W	S SOTW10MT
1030	101172		DPRT E	GDR 12KHZ R10-11		GDC	8 208S	168 287W	S SOTW10MT
						GDC	8 147S	168 353W	S SOTW10MT

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

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	IDENT.	TEMP.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
240	271072		SPRS B	AIRGUN-RS-R10-01	GDC 14	46S	170 388W	S	SOTW10WT
1552	201172		SPRS E	AIRGUN-RS-R10-01	GDC 14	71S	170 434W	S	SOTW10WT
240	271072		SPRS B	AIRGUN-R5-R10-01	GDC 14	46S	170 388W	S	SOTW10WT
1552	201172		SPRS E	AIRGUN-R5-R10-01	GDC 14	71S	170 434W	S	SOTW10WT

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

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	IDENT.	TEMP.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
242	271072		MGR B	MAGNET RULL10-01	GDC 14	43S	170 390W	S	SOTW10WT
1758	201072		MGR E	MAGNET RULL10-01	GDC 7	196S	168 333W	S	SOTW10WT
1041	181172		MGR B	MAGNET RULL10-02	GDC 8	302S	168 476W	S	SOTW10WT
1552	201172		MGR E	MAGNET RULL10-02	GDC 14	71S	170 434W	S	SOTW10WT

\*\*\* LOG ROCKS \*\*\*

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	IDENT.	TEMP.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
2215	261072		LG B	PAGO SOROA	GDC 14	166S	170 410W	S	SOTW10WT
600	201172		LG E	PAGO SOROA	GDC 13	375S	170 292W	S	SOTW10WT
2200	261072		LBW B	U/W DATA LOG	GDC 14	166S	170 411W	S	SOTW10WT
1950	201172		LBW E	U/W DATA LOG	GDC 14	69S	170 437W	S	SOTW10WT
1045	271072		LDY B	DEEP TOW LOG10-1	DTG 13	221S	170 408W	S	SOTW10WT
412	191172		LDY E	DEEP TOW LOG10-1	DTG 7	273S	168 288W	S	SOTW10WT
430	191172		LDY B	DEEP TOW LOG10-2	DTG 7	270S	168 290W	S	SOTW10WT
1020	191172		LDY E	DEEP TOW LOG10-2	DTG 8	295S	168 469W	S	SOTW10WT

GEOLIGICAL SAMPLES - CURATOR W.R. RIEDEL (EXT. 1579)

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	IDENT.	TEMP.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1341	111172		C FF	CORE-1-FF-A	DTG 7	155S	168 285W	S	SOTW10WT
1348	111172		C FF	CORE-1-FF-B	DTG 7	151S	168 286W	S	SOTW10WT
1354	111172		C FF	CORE-1-FF-C	DTG 7	147S	168 286W	S	SOTW10WT
1359	111172		C FF	CORE-1-FF-D	DTG 7	144S	168 287W	S	SOTW10WT

TIME	DATE	TIME	TZ	SAMP	SURF. DISP	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE	TEMP. CODE	LEG-SHIP
1401	11172	C	FF	CORE-1-FF-E	5781	DTG 7 142S 168 287W S SOTW10MT
1215	31172	C	FF	NUT 2-FF-A	RCVD	DTG 7 131S 168 252W S SOTW10MT
1222	11172	C	FF	CORE-2-FF-B	5592	DTG 7 112S 168 293W S SOTW10MT
1230	11172	C	FF	CORE-2-FF-D	5507	DTG 7 124S 168 261W S SOTW10MT
809	81172	C	FF	CORE-3-FF-A	5156	DTG 8 314S 168 427W S SOTW10MT
823	81172	C	FF	CORE-3-FF-B	5146	DTG 8 307S 168 443W S SOTW10MT
830	81172	C	FF	NUT 3-FF-C	RCVD	DTG 8 293S 168 464W S SOTW10MT
1146	101172	C	FF	CORE-4-FF-A	4758	DTG 8 172S 168 317W S SOTW10MT
1201	101172	C	FF	CORE-4-FF-B	4751	DTG 8 170S 168 312W S SOTW10MT
1216	101172	C	FF	CORF-4-FF-C	4565	DTG 6 165S 168 303W S SOTW10MT
1036	141172	C	FF	CORF-5-FF-A	5619	DTG 7 291S 168 290W S SOTW10MT
1049	141172	C	FF	CORE-5-FF-B	5626	DTG 7 289S 168 289W S SOTW10MT

DEEP TOW SURVEY-CUSATOR JOHN MUDIE EXT.1091

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

TIME	DATE	TIME	TZ	SAMP	SURF. DISP	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE	TEMP. CODE	LEG-SHIP
1046	271072	CMAB	B	SOTW 10-01CM	DTG 13 221S 170 408W S SOTW10MT	
241	291072	CMAB	E	SOTW 10-01CM	DTG 13 220S 170 402W S SOTW10MT	
1420	271072	CMAB	B	SOTW 10-02CM	DTG 13 246S 170 393W S SOTW10MT	
357	291072	CMAB	E	SOTW 10-02CM	DTG 13 248S 170 391W S SOTW10MT	
2015	301072	CMAB	B	SOTW 10-03CM	DTG 7 157S 168 271W S SOTW10MT	
1545	31172	CMAB	E	SOTW 10-03CM	DTG 7 152S 168 266W S SOTW10MT	
2046	301072	CMAB	B	SOTW 10-04CM	DTG 7 176S 168 276W S SOTW10MT	
1712	31172	CMAB	E	SOTW 10-04CM	DTG 7 171S 168 272W S SOTW10MT	
2124	301072	CMAB	B	SOTW 10-05CM	DTG 7 206S 168 284W S SOTW10MT	
1743	31172	CMAB	E	SOTW 10-05CM	DTG 7 152S 168 318W S SOTW10MT	
951	41172	CMAB	B	SOTW 10-06CM	DTG 8 303S 168 451W S SOTW10MT	
1430	81172	CMAB	E	SOTW 10-06CM	DTG 8 306S 168 449W S SOTW10MT	
1012	41172	CMAB	B	SOTW 10-07CM	DTG 8 311S 168 433W S SOTW10MT	
1505	81172	CMAB	E	SOTW 10-07CM	DTG 8 305S 168 435W S SOTW10MT	

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SURF. DISP TEMP. CODE	IDENT.	LAT.	LONG.	CRUISE	
									LEG-SHIP	LEG-SHIP
1031	41172			CMAB B	SUTW	10-08CM	DTG 8 309S	168 410W	S	SOTW10MT
1155	81172			CMAB E	SUTW	10-08CM	DTG 8 307S	168 413W	S	SOTW10MT
1824	41172			CMAB B	SUTW	10-09CM	DTG 8 173S	168 294W	S	SUTW10MT
1930	101172			CMAB E	SUTW	10-09CM	DTG 8 174S	168 290W	S	SUTW10MT
2020	41172			CMAB B	SUTW	10-10CM	DTG 8 156S	168 316W	S	SOTW10MT
1420	101172			CMAB E	SUTW	10-10CM	DTG 8 158S	168 319W	S	SOTW10MT
1534	81172			CMAB B	SUTW	10-11CM	DTG 8 292S	168 469W	S	SOTW10MT
1015	181172			CMAB E	SUTW	10-11CM	DTG 8 295S	168 470W	S	SOTW10MT
1922	81172			CMAB B	SUTW	10-12CM	DTG 8 160S	168 300W	S	SOTW10MT
1935	101172			CMAB E	SUTW	10-12CM	DTG 8 160S	168 303W	S	SOTW10MT
2055	81172			CMAB B	SUTW	10-13CM	DTG 8 164S	168 312W	S	SOTW10MT
1450	101172			CMAB E	SUTW	10-13CM	DTG 8 167S	168 314W	S	SOTW10MT
1917	101172			CMAB B	SUTW	10-14CM	DTG 8 172S	168 321W	S	SOTW10MT
500	181172			CMAB E	SUTW	10-14CM	DTG 8 185S	168 312W	S	SOTW10MT
750	111172			CMAB B	SUTW	10-15CM	DTG 7 334S	168 309W	S	SOTW10MT
1227	171172			CMAB E	SUTW	10-15CM	DTG 7 335S	168 319W	S	SOTW10MT
903	111172			CMAB B	SUTW	10-16CM	DTG 7 282S	168 275W	S	SOTW10MT
2329	171172			CMAB E	SUTW	10-16CM	DTG 7 286S	168 283W	S	SOTW10MT
1117	111172			CMAB B	SUTW	10-17CM	DTG 7 268S	168 256W	S	SOTW10MT
1550	171172			CMAB E	SUTW	10-17CM	DTG 7 267S	168 263W	S	SUTW10MT
104	201172			CMAB	DROP	SUTW-10 CM	DTG 13 65S	170 352W	S	SOTW10MT
754	201172			CMAB	DROP	SUTW-10 CM	DTG 13 374S	170 395W	S	SOTW10MT
1700	271072			DT	B APRON	10-01DT	DTG 13 236S	170 376W	S	SOTW10MT
45	291072			DT	E APRON	10-01DT	DTG 13 150S	170 402W	S	SOTW10MT
2325	501072			DT	B CLIFF	10-02DT	DTG 7 133S	168 265W	S	SOTW10MT
1005	31172			DT	E CLIFF	10-02DT	DTG 7 155S	168 198W	S	SOTW10MT
208	51172			DT	B THROAT	E 10-03DT	DTG 8 120S	168 303W	S	SUTW10MT
708	81172			DT	E THROAT	E 10-03DT	DTG 8 252S	168 446W	S	SOTW10MT
245	91172			DT	B THROAT	S 10-04DT	DTG 8 203S	168 326W	S	SOTW10MT
1013	101172			DT	E THROAT	S 10-04DT	DTG 8 211S	168 286W	S	SUTW10MT
1507	111172			DT	B MOUTH	10-05DT	DTG 7 387S	168 304W	S	SOTW10MT
925	171172			DT	E MOUTH	10-05DT	DTG 7 350S	168 245W	S	SOTW10MT

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

\*\*\*HYDROGRAPHIC CAST\*\*\*

TIME	DATE	TIME	TZ	SAMP	SURF. DISP	CRUISE
GMT	D.M.Y.	LUC	LUC	LOC	TEMP. CODE	LEG-SHIP
				SAMPLE IDENT.	LAT.	LONG.
1346	41172	HCNA		HYDROCAST 10-01	DCP 8 320S	168 433W S SOTWLOMT

\*\*\*SALINITY SAMPLES\*\*\*

TIME	DATE	TIME	TZ	SAMP.	SURF. DISP	CRUISE
GMT	D.M.Y.	LUC	LUC	LOC	TEMP. CODE	LEG-SHIP
				SAMPLE IDENT.	LAT.	LONG.
621	271072	SSSA		CC69--SAL-10-01	DCP 13 266S	170 399W S SOTWLOMT
1807	271072	SSSA		70YY--SAL-10-02	DCP 13 228S	170 395W S SOTWLOMT
628	261072	SSSA		4H--SAL-10-03	DCP 13 211S	170 386W S SOTWLOMT
1805	281072	SSSA		0986--SAL-10-04	DCP 13 230S	170 349W S SOTWLOMT
601	291072	SSSA		63A--SAL-10-05	DCP 13 57S	170 386W S SOTWLOMT
1221	291072	SSSA		045--SAL-10-06	DCP 11 536S	170 394W S SOTWLOMT
1802	291072	SSSA		8100--SAL-10-07	DCP 10 489S	170 403W S SOTWLOMT
13	301072	SSSA		P92--SAL-10-08	DCP 9 402S	170 391W S SOTWLOMT
603	301072	SSSA		69NW--SAL-10-09	DCP 9 43S	169 489W S SOTWLOMT
1221	301072	SSSA		0985--SAL-10-10	DCP 6 51S	169 160W S SOTWLOMT
605	311072	SSSA		M97--SAL-10-11	DCP 7 194S	168 320W S SOTWLOMT
1805	311072	SSSA		AA67--SAL-10-12	DCP 7 189S	168 285W S SOTWLOMT
605	11172	SSSA		CC59--SAL-10-13	DCP 7 169S	168 259W S SOTWLOMT
1805	11172	SSSA		666--SAL-10-14	DCP 7 167S	168 293W S SOTWLOMT
615	21172	SSSA		AA54--SAL-10-15	DCP 7 123S	168 294W S SOTWLOMT
610	31172	SSSA		8877--SAL-10-16	DCP 7 146S	168 243W S SOTWLOMT
1753	31172	SSSA		JJ64--SAL-10-17	DCP 7 160S	168 313W S SOTWLOMT
13	41172	SSSA		AA56--SAL-10-18	DCP 7 42S	168 379W S SOTWLOMT
601	51172	SSSA		NR94--SAL-10-19	DCP 8 169S	168 304W S SOTWLOMT
1818	51172	SSSA		7700--SAL-10-20	DCP 8 186S	168 334W S SOTWLOMT
613	61172	SSSA		AA63--SAL-10-21	DCP 8 162S	168 261W S SOTWLOMT
1800	61172	SSSA		0043--SAL-10-22	DCP 8 158S	168 256W S SOTWLOMT
1808	71172	SSSA		M70--SAL-10-23	DCP 8 338S	168 441W S SOTWLOMT
610	91172	SSSA		AA66--SAL-10-24	DCP 8 154S	168 275W S SOTWLOMT
1809	91172	SSSA		V57--SAL-10-25	DCP 9 170S	168 343W S SOTWLOMT
608	101172	SSSA		7LL--SAL-10-26	DCP 8 166S	168 310W S SOTWLOMT
1820	101172	SSSA		810--SAL-10-27	DCP 8 159S	166 302W S SOTWLOMT
611	111172	SSSA		36PP--SAL-10-28	DCP 7 245S	168 257W S SOTWLOMT
1808	111172	SSSA		43VV--SAL-10-29	DCP 7 362S	168 279W S SOTWLOMT
610	121172	SSSA		28J--SAL-10-30	DCP 7 310S	168 260W S SOTWLOMT
1806	121172	SSSA		145S--SAL-10-31	DCP 7 277S	168 301W S SOTWLOMT
605	131172	SSSA		RR45--SAL-10-32	DCP 7 323S	168 198W S SOTWLOMT
1806	131172	SSSA		0013--SAL-10-33	DCP 7 300S	168 275W S SOTWLOMT
605	141172	SSSA		11MM--SAL-10-34	DCP 7 211S	168 209W S SOTWLOMT
609	151172	SSSA		R63--SAL-10-35	DCP 7 256S	168 309W S SOTWLOMT
1806	151172	SSSA		KK17--SAL-10-36	DCP 7 346S	168 256W S SOTWLOMT
1809	161172	SSSA		46--SAL-10-37	DCP 7 270S	168 301W S SOTWLOMT
609	181172	SSSA		C54--SAL-10-38	DCP 8 271S	168 305W S SOTWLOMT
1809	181172	SSSA		R67--SAL-10-39	DCP 9 195S	169 492W S SOTWLOMT
9	191172	SSSA		11G--SAL-10-40	DCP 9 461S	169 358W S SOTWLOMT
605	191172	SSSA		62TT--SAL-10-41	DCP 10 411S	170 7W S SOTWLOMT

TIME	DATE	TIME	TZ	SAMP	SURF	DISP	CRUISE
GMT	D.M.Y.	LOC	LOC	LOC	CODE	TEMP.	LEG-SHIP
				IDENT.	TEMP.		
1204	191172			SSSA	32M--SAL-10-42		DCP 11 349S 170 198W S SOTWLOWT
9	201172			SSSA	99M--SAL-10-43		DCP 13 17S 170 311W S SOTWLOWT
605	201172			SSSA	64TT-SAL-10-44		DCP 13 223S 170 397W S SOTWLOWT
1206	201172			SSSA	X267-SAL-10-45		DCP 13 414S 170 555W S SOTWLOWT

\*\*\*THERMOGRAPHS\*\*\*

TIME	DATE	TIME	TZ	SAMP	SURF	DISP	CRUISE
GMT	D.M.Y.	LOC	LOC	LOC	CODE	TEMP.	LEG-SHIP
				IDENT.	TEMP.		
2355	271072			TGR B	THERMOGRAPH10-01		DCP 13 229S 170 387W S SOTWLOWT
2055	281072			TGR E	THERMOGRAPH10-01		DCP 13 186S 170 414W S SOTWLOWT
2040	281072			TGR B	THERMOGRAPH10-02		DCP 13 196S 170 414W S SOTWLOWT
1850	291072			TGR E	THERMOGRAPH10-02		DCP 10 398S 170 404W S SOTWLOWT
1850	291072			TGR B	THERMOGRAPH10-03		DCP 10 348S 170 404W S SOTWLOWT
1910	301072			TGR E	THERMOGRAPH10-03		DCP 7 169S 168 311W S SOTWLOWT
1910	301072			TGR B	THERMOGRAPH10-04		DCP 7 165S 168 311W S SOTWLOWT
1850	311072			TGR E	THERMOGRAPH10-04		DCP 7 183S 168 277W S SOTWLOWT
1850	311072			TGR B	THERMOGRAPH10-05		DCP 7 183S 168 277W S SOTWLOWT
1843	111172			TGR E	THERMOGRAPH10-05		DCP 7 199S 168 267W S SOTWLOWT
1843	111172			TGR B	THERMOGRAPH10-06		DCP 7 199S 168 267W S SOTWLOWT
1830	211172			TGR E	THERMOGRAPH10-06		DCP 7 133S 168 286W S SOTWLOWT
1720	211172			TGR B	THERMOGRAPH10-07		DCP 7 150S 168 276W S SOTWLOWT
1729	311172			TGR E	THERMOGRAPH10-07		DCP 7 163S 168 296W S SOTWLOWT
1730	311172			TGR B	THERMOGRAPH10-08		DCP 7 162S 168 298W S SOTWLOWT
2320	411172			TGR E	THERMOGRAPH10-08		DCP 8 87S 168 305W S SOTWLOWT
2323	411172			TGR B	THERMOGRAPH10-09		DCP 8 87S 168 305W S SOTWLOWT
113	611172			TGR E	THERMOGRAPH10-09		DCP 8 195S 168 309W S SOTWLOWT
113	611172			TGR B	THERMOGRAPH10-10		DCP 8 195S 168 309W S SOTWLOWT
1910	611172			TGR E	THERMOGRAPH10-10		DCP 8 160S 168 294W S SOTWLOWT
2210	611172			TGR B	THERMOGRAPH10-11		DCP 6 205S 168 340W S SOTWLOWT
1040	711172			TGR E	THERMOGRAPH10-11		DCP 8 341S 168 431W S SOTWLOWT
1840	711172			TGR B	THERMOGRAPH10-12		DCP 8 341S 168 431W S SOTWLOWT
345	911172			TGR E	THERMOGRAPH10-12		DCP 8 208S 168 313W S SOTWLOWT
345	911172			TGR B	THERMOGRAPH10-13		DCP 8 208S 168 313W S SOTWLOWT
610	101172			TGR E	THERMOGRAPH10-13		DCP 8 166S 168 319W S SOTWLOWT
612	101172			TGR B	THERMOGRAPH10-14		DCP 8 167S 168 319W S SOTWLOWT
535	111172			TGR E	THERMOGRAPH10-14		DCP 7 367S 168 253W S SOTWLOWT

BATHYTERMOGRAPHS - CURATOR MARGARET RUBINSON (EXT. 1135)

\*\*\* BATHYTERMOGRAPH \*\*\*

TIME GMT	DAYF D.N.Y.	TIME TZ	LOC LOC	SAMP CODE	SAMPLE IDENT.	SURF. TEMP.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
621	271072			BTX	XBT-10-01			BTS 13 296S	170 399W	S SOTW10MT
1807	271072			BTX	XBT-10-02			BTS 13 224S	170 395W	S SOTW10MT
1809	281072			BTX	XBT-10-03			BTS 13 211S	170 386W	S SOTW10MT
1805	281072			BTX	XBT-10-04			BTS 13 236S	170 399W	S SOTW10MT
601	291072			BTX	XBT-10-05			BTS 13 57S	170 386W	S SOTW10MT
1211	291072			BTX	XBT-10-06			BTS 11 555S	170 394W	S SOTW10MT
1602	291072			BTX	XBT-10-07			BTS 10 489S	170 403W	S SOTW10MT
13	301072			BTX	XBT-10-08			BTS 9 402S	170 391W	S SOTW10MT
603	301072			BTX	XBT-10-09			BTS 9 43S	169 489W	S SOTW10MT
1221	301072			BTX	XBT-10-10			BTS 8 51S	169 160W	S SOTW10MT
605	311072			BTX	XBT-10-11			BTS 7 194S	168 520W	S SOTW10MT
1805	311072			BTX	XBT-10-12			BTS 7 189S	168 295W	S SOTW10MT
605	11172			BTX	XBT-10-13			BTS 7 169S	168 259W	S SOTW10MT
1805	11172			BTX	XBT-10-14			BTS 7 167S	168 293W	S SOTW10MT
615	21172			BTX	XBT-10-15			BTS 7 123S	169 284W	S SOTW10MT
610	31172			BTX	XBT-10-16			BTS 7 146S	168 243W	S SOTW10MT
1753	31172			BTX	XBT-10-17			BTS 7 160S	168 313W	S SOTW10MT
13	41172			BTX	XBT-10-18			BTS 7 425S	168 379W	S SOTW10MT
601	51172			BTX	XBT-10-19			BTS 8 165S	168 306W	S SOTW10MT
1818	51172			BTX	XBT-10-20			BTS 8 186S	168 334W	S SOTW10MT
612	61172			BTX	XBT-10-21			BTS 8 161S	168 281W	S SOTW10MT
1800	61172			BTX	XBT-10-22			BTS 8 158S	168 256W	S SOTW10MT
610	91172			BTX	XBT-10-23			BTS 8 195S	168 275W	S SOTW10MT
1803	91172			BTX	XBT-10-24			BTS 8 170S	168 344W	S SOTW10MT
558	101172			BTX	XBT-10-25			BTS 8 163S	168 321W	S SOTW10MT
610	111172			BTX	XBT-10-26			BTS 7 346S	168 256W	S SOTW10MT
1805	111172			BTX	XBT-10-27			BTS 7 362S	168 279W	S SOTW10MT
605	121172			BTX	XBT-10-28			BTS 7 306S	168 260W	S SOTW10MT
1804	121172			BTX	XBT-10-29			BTS 7 277S	168 301W	S SOTW10MT
605	131172			BTX	XBT-10-30			BTS 7 323S	168 198W	S SOTW10MT
1805	131172			BTX	XBT-10-31			BTS 7 300S	168 275W	S SOTW10MT
603	141172			BTX	XBT-10-32			BTS 7 211S	168 209W	S SOTW10MT
605	151172			BTX	XBT-10-33			BTS 7 257S	168 306W	S SOTW10MT
1800	151172			BTX	XBT-10-34			BTS 7 345S	168 256W	S SOTW10MT
1803	161172			BTX	XBT-10-35			BTS 7 271S	168 302W	S SOTW10MT
607	181172			BTX	XBT-10-36			BTS 8 269S	168 306W	S SOTW10MT
1807	181172			BTX	XBT-10-37			BTS 9 195S	169 489W	S SOTW10MT
9	191172			BTX	XBT-10-38			BTS 9 461S	169 358W	S SOTW10MT
603	191172			BTX	XBT-10-39			BTS 10 408S	170 5W	S SOTW10MT
1200	191172			BTX	XBT-10-40			BTS 11 342S	170 198W	S SOTW10MT
10	201172			BTX	XBT-10-41			BTS 13 18S	170 312W	S SOTW10MT
605	201172			BTX	XBT-10-42			BTS 13 223S	170 397W	S SOTW10MT
1200	201172			BTX	XBT-10-43			BTS 13 403S	170 559W	S SOTW10MT



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

TIME GMT	DATE D.M.Y.	TIME TZ	SAMP LOC	LOC CODE	SAMPLE IDENT.	SURF. TEMP.	DISP CODE	LAT.	LONG.	CRUISE LFG-SHIP
621	271072		ASNU		AEROSOL 10-01			AWH 13 286S	170 399W	S SOTW10WT
1757	271072		ASNU		AEROSOL 10-02			AWH 13 224S	170 393W	S SOTW10WT
20	271072		ASNU		AEROSOL 10-03			AWH 14 162S	170 394W	S SOTW10WT
608	281072		ASNU		AEROSOL 10-04			AWH 13 211S	170 386W	S SOTW10WT
1800	281072		ASNU		AEROSOL 10-05			AWH 13 232S	170 399W	S SOTW10WT
601	291072		ASNU		AEROSOL 10-06			AWH 13 57S	170 386W	S SOTW10WT
1221	291072		ASNU		AEROSOL 10-07			AWH 11 536S	170 394W	S SOTW10WT
1802	291072		ASNU		AEROSOL 10-08			AWH 10 485S	170 403W	S SOTW10WT
13	301072		ASNU		AEROSOL 10-09			AWH 9 402S	170 391W	S SOTW10WT
603	301072		ASNU		AEROSOL 10-10			AWH 9 43S	169 489W	S SOTW10WT
1221	301072		ASNU		AEROSOL 10-11			AWH 8 51S	169 160W	S SOTW10WT
600	311072		ASNU		AEROSOL 10-12			AWH 7 194S	168 319W	S SOTW10WT
1307	311072		ASNU		AEROSOL 10-13			AWH 7 220S	168 333W	S SOTW10WT
1805	311072		ASNU		AEROSOL 10-14			AWH 7 185S	168 285W	S SOTW10WT
5	11172		ASNU		AEROSOL 10-15			AWH 7 132S	169 287W	S SOTW10WT
553	11172		ASNU		AEROSOL 10-16			AWH 7 173S	168 260W	S SOTW10WT
1211	11172		ASNU		AEROSOL 10-17			AWH 7 99S	168 242W	S SOTW10WT
8	21172		ASNU		AEROSOL 10-18			AWH 7 170S	168 293W	S SOTW10WT
555	21172		ASNU		AEROSOL 10-19			AWH 7 114S	168 290W	S SOTW10WT
1219	21172		ASNU		AEROSOL 10-20			AWH 7 209S	168 269W	S SOTW10WT
20	31172		ASNU		AEROSOL 10-21			AWH 7 197S	168 308W	S SOTW10WT
600	31172		ASNU		AEROSOL 10-22			AWH 7 148S	168 245W	S SOTW10WT
1753	31172		ASNU		AEROSOL 10-23			AWH 7 160S	168 313W	S SOTW10WT
8	41172		ASNU		AEROSOL 10-24			AWH 7 419S	168 371W	S SOTW10WT
1210	41172		ASNU		AEROSOL 10-25			AWH 8 318S	168 437W	S SOTW10WT
30	51172		ASNU		AEROSOL 10-26			AWH 8 118S	168 308W	S SOTW10WT
558	51172		ASNU		AEROSOL 10-27			AWH 8 168S	168 303W	S SOTW10WT
1209	51172		ASNU		AEROSOL 10-28			AWH 8 174S	168 314W	S SOTW10WT
1810	51172		ASNU		AEROSOL 10-29			AWH 8 185S	168 334W	S SOTW10WT
610	61172		ASNU		AEROSOL 10-30			AWH 8 161S	168 281W	S SOTW10WT
1753	61172		ASNU		AEROSOL 10-31			AWH 8 157S	168 297W	S SOTW10WT
5	71172		ASNU		AEROSOL 10-32			AWH 8 225S	168 360W	S SOTW10WT
559	71172		ASNU		AEROSOL 10-33			AWH 8 315S	168 422W	S SOTW10WT
1753	71172		ASNU		AEROSOL 10-34			AWH 8 335S	168 442W	S SOTW10WT
1205	81172		ASNU		AEROSOL 10-35			AWH 8 308S	168 423W	S SOTW10WT
1807	81172		ASNU		AEROSOL 10-36			AWH 8 161S	168 309W	S SOTW10WT
600	91172		ASNU		AEROSOL 10-37			AWH 8 197S	168 276W	S SOTW10WT
1210	91172		ASNU		AEROSOL 10-38			AWH 8 153S	168 317W	S SOTW10WT
1754	91172		ASNU		AEROSOL 10-39			AWH 8 170S	168 347W	S SOTW10WT
556	101172		ASNU		AEROSOL 10-40			AWH 8 165S	168 321W	S SOTW10WT
1810	101172		ASNU		AEROSOL 10-41			AWH 8 163S	168 299W	S SOTW10WT
600	111172		ASNU		AEROSOL 10-42			AWH 7 348S	168 246W	S SOTW10WT
1206	111172		ASNU		AEROSOL 10-43			AWH 7 316S	168 280W	S SOTW10WT
1754	111172		ASNU		AEROSOL 10-44			AWH 7 365S	168 260W	S SOTW10WT
600	121172		ASNU		AEROSOL 10-45			AWH 7 307S	168 261W	S SOTW10WT
1211	121172		ASNU		AEROSOL 10-46			AWH 7 358S	168 294W	S SOTW10WT
1755	121172		ASNU		AEROSOL 10-47			AWH 7 275S	168 301W	S SOTW10WT

TIME DATE TIME TZ SAMP SURE. DISP CRUISE  
 GMT D.M.Y. LCC LCC CODE SAMPLE IDENT. TEMP. CODE LAT. LONG. LEG-SHIP

535 111172 TGR B THERMOGRAPHI-0-15 DCP 7 367S 168 253W S SOTWIOWT  
 610 121172 TGR E THERMOGRAPHI-0-15 DCP 7 310S 168 260W S SOTWIOWT  
 610 121172 TGR B THERMOGRAPHI-0-16 DCP 7 310S 168 260W S SOTWIOWT  
 607 131172 TGR E THERMOGRAPHI-0-16 DCP 7 323S 168 198W S SOTWIOWT  
 608 131172 TGR B THERMOGRAPHI-0-17 DCP 7 324S 168 199W S SOTWIOWT  
 610 141172 TGR E THERMOGRAPHI-0-17 DCP 7 210S 168 209W S SOTWIOWT  
 611 141172 TGR B THERMOGRAPHI-0-18 DCP 7 210S 168 209W S SOTWIOWT  
 608 151172 TGR E THERMOGRAPHI-0-18 DCP 7 256S 168 309W S SOTWIOWT  
 609 151172 TGR B THERMOGRAPHI-0-19 DCP 7 256S 168 309W S SOTWIOWT  
 1810 161172 TGR E THERMOGRAPHI-0-19 DCP 7 270S 168 301W S SOTWIOWT

INVERTEBRATE BIOLOGY-CURATOR ABRAHAM FLEMINGER (EXT. 1131)

\*\*\* OPEN NET \*\*\*

TIME DATE TIME TZ SAMP SURE. DISP CRUISE  
 GMT D.M.Y. LCC LCC CODE SAMPLE IDENT. TEMP. CODE LAT. LONG. LEG-SHIP

2300 261072 SMT FLEMINGER 10-01 MIC 14 166S 170 410W S SOTWIOWT

MARINE VERTEBRATE CURATOR - R.H.ROSENBLATT, (EXT.1559)

TIME DATE TIME TZ SAMP SURE. DISP CRUISE  
 GMT D.M.Y. LCC LCC CODE SAMPLE IDENT. TEMP. CODE LAT. LONG. LEG-SHIP

1347 311172 SNS HALOBATES 10-01 LCL 7 161S 168 292W S SOTWIOWT  
 721 511172 SNS HALOBATES 10-02 LCL 8 185S 168 317W S SOTWIOWT  
 1035 111172 SNS HALOBATES 10-03 LCL 7 290S 168 254W S SOTWIOWT  
 1117 141172 SNS HALOBATES 10-04 LCL 7 309S 168 292W S SOTWIOWT

TIME	DATE	TIME	TZ	SAMP	SAMPLE	IDENT.	SURF.	DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE			TEMP.	CODE			LEG-SHIP
9	131172			ASNU	AEROSOL	10-48		AWH	7 292S	168 259W	S SOTW10WT
1757	131172			ASNU	AEROSOL	10-49		AWH	7 299S	168 276W	S SOTW10WT
11	141172			ASNU	AEROSOL	10-50		AWH	7 278S	168 215W	S SOTW10WT
558	141172			ASNU	AEROSOL	10-51		AWH	7 213S	168 210W	S SOTW10WT
559	151172			ASNU	AEROSOL	10-52		AWH	7 258S	168 307W	S SOTW10WT
1208	151172			ASNU	AEROSOL	10-53		AWH	7 285S	168 307W	S SOTW10WT
1755	151172			ASNU	AEROSOL	10-54		AWH	7 344S	168 258W	S SOTW10WT
9	161172			ASNU	AEROSOL	10-55		AWH	7 336S	168 322W	S SOTW10WT
1758	161172			ASNU	AEROSOL	10-56		AWH	7 272S	168 303W	S SOTW10WT
603	181172			ASNU	AEROSOL	10-57		AWH	8 261S	168 305W	S SOTW10WT
1758	181172			ASNU	AEROSOL	10-58		AWH	9 195S	169 513W	S SOTW10WT
9	191172			ASNU	AEROSOL	10-59		AWH	9 461S	169 358W	S SOTW10WT
555	191172			ASNU	AEROSOL	10-60		AWH	10 397S	169 596W	S SOTW10WT
1159	191172			ASNU	AEROSOL	10-61		AWH	11 340S	170 198W	S SOTW10WT
8	201172			ASNU	AEROSOL	10-62		AKH	13 15S	170 310W	S SOTW10WT
605	201172			ASNU	AEROSOL	10-63		AWH	13 223S	170 397W	S SOTW10WT
1200	201172			ASNU	AEROSOL	10-64		AWH	13 403S	170 555W	S SOTW10WT
1809	201172			ASNU	AEROSOL	10-65		AWH	14 200S	170 358W	S SOTW10WT

\*\*\* MIDWATER TRAWL \*\*\*

TIME	DATE	TIME	TZ	SAMP	SAMPLE	IDENT.	SURF.	DISP	LAT.	LONG.	CRUISE
GMT	D.M.Y.	LOC	LOC	CODE			TEMP.	CODE			LEG-SHIP
1149	271072			TMFE	B JENNINGS	10-011		CDJ	13 221S	170 379W	S SOTW10WT
1321	271072			TMFE	B JENNINGS	10-011		CDJ	13 220S	170 408W	S SOTW10WT

END SAMPLE INDEX

99