INFORMAL REPORT AND INDEX OF

NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued July 21, 1977)

INDOPAC EXPEDITION

LEG 13

Padang, Sumatra (12 April, 1977)
to
Padang, Sumatra (23 April 1977)

R/V Thomas Washington

Co-Chief Scientists - J. Curray and G. Shor

Resident Marine Tech - R. Comer

Post-Cruise Processing and Report Preparation
by SIO Geological Data Center - S. Smith,
U. Albright, G. Psaropulos, G. Papadopoulos

Data Collection Funded by NSF
Contract Number OCE76-24101
Data Processing Funded by SIA and ONR

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

Contents:

Index Chart - gives track of cruise leg and boundaries of depth compilation plots (see below).

Track Charts - annotated with dates (day/month) and hour ticks. The scale (.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 S. M. Smith, Curator, Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093 Phone: (714) 452-2752.

1. Navigation listing of times and positions of course and speed changes, fixes and drift velocity.

2. Depth compilation plots - in fathoms (assumed sound velocity of 800 fm./sec.) at approximately 1 mile spacing, plotted at 4" degree with standard U.S. Navy Oceanographic Office BC series boundaries (see index chart).

3. Plots of magnetic anomaly profiles along track-map scale = 1.2"/ degree; anomaly scale between 15°N and 15°S latitude = 500 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). Phone: (714) 452-2752

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.

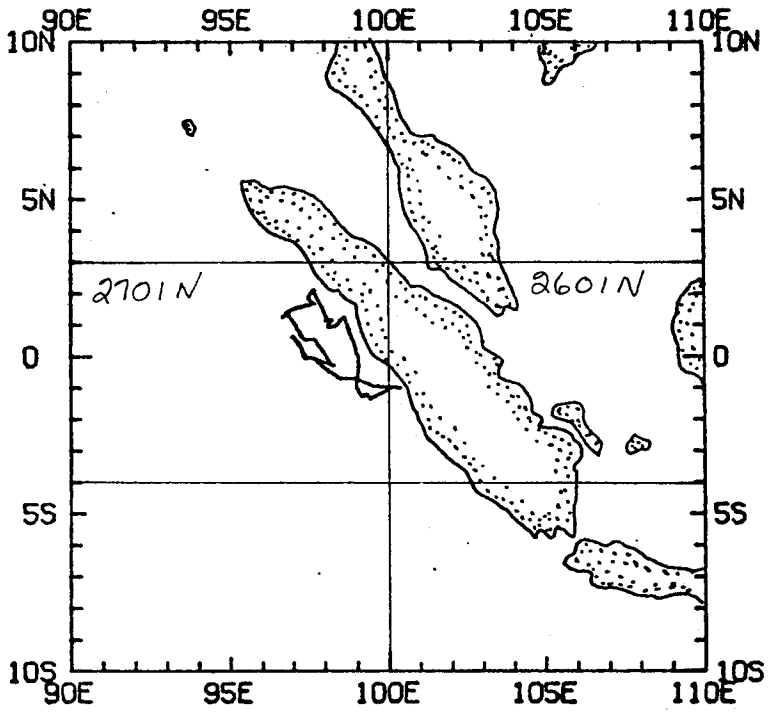
6. Microfilm or Xerox copies of:

   a. Echosounder records - 12 and 3.5 kHz frequency

   b. Subbottom profiler records (airgun)

   c. Magnetometer records

   d. Underway Data Log



INDOPAC EXPEDITION
LEG 13
R/V THOMAS WASHINGTON

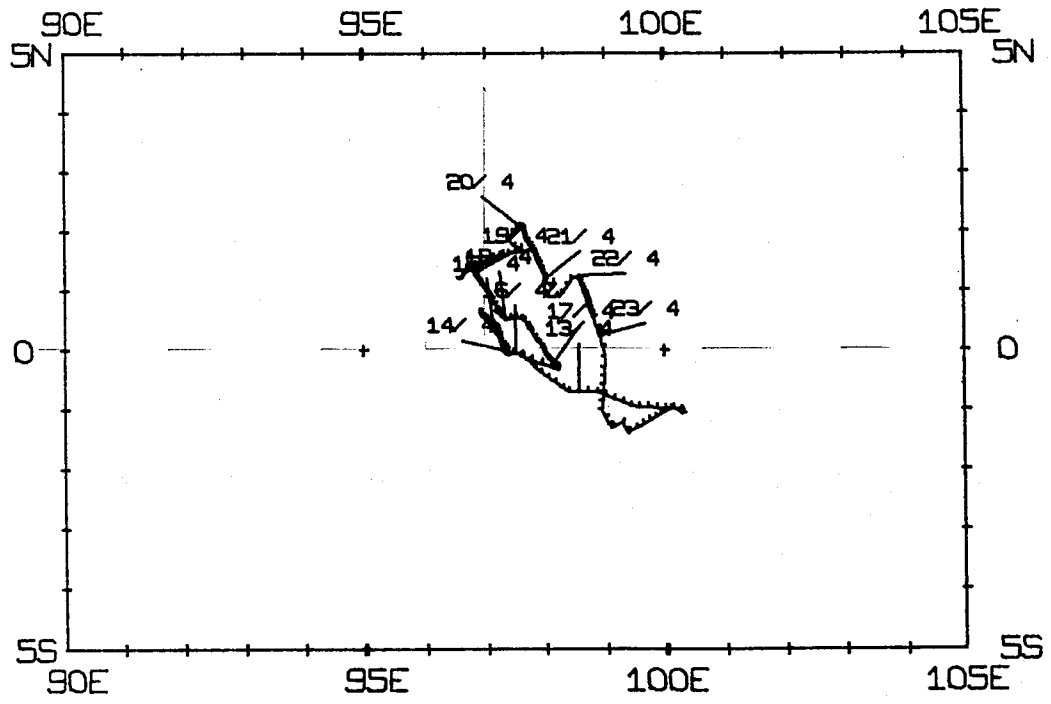
Co-Chief Scientists - J. Curray and G. Shor
Ports - Padang to Padang, Sumatra
Dates - April 12 to April 23, 1977

TOTAL MILEAGE

1) Cruise - 1089 miles
2) Bathymetry - 1074 miles
3) Magnetics - 560 miles
4) Seismic Reflection - 600 miles

INDP13WT TRACK PLOT (1 OF 1)

MERCATOR PROJECTION, SCALE= 0.312 IN/DEG LONGITUDE



S.I.O. SAMPLE INDEX

(Issued July 21, 1977)

INDOPAC EXPEDITION

LEG 13

Padang, Sumatra (12 April, 1977)
to
Padang, Sumatra (23 April, 1977)

R/V Thomas Washington

Co-Chief Scientists - J. Curray and G. Shor

Resident Marine Tech - R. Comer

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center - S. M. Smith,
U. Albright, G. Psaropulos, G. Papadopoulos

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

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

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

S.I.O. SAMPLE INDEX GENERATED 08JUL77

*** INDOPAC EXPEDITION LEG 13 (INDP13WT) ***

12APR77 - PADANG, SUMATRA

TO

23APR77 - PADANG, SUMATRA

CHIEF SCIENTISTS - CURRAY, J. GRD
SHOR, G. GGS

SHIP - R/V THOMAS WASHINGTON (SIO)

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

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

DISP		TYPE												TOTAL
		BT	CU	DP	GV	HF	LB	MG	NV	PE	SN	SP	SR	
DCP	I	2											I	2
DDM	I											6 11	I	17
GCR	I		1										I	1
GDC	I			12			1	1	9	1		9	I	33
GGS	I									1			I	1
GRD	I									2			I	2
IDU	I									4			I	4
LAW	I					3							I	3
LMD	I				4								I	4
MIC	I										5		I	5
MPL	I									1			I	1
MTG	I									1			I	1
RFN	I									1			I	1
SCG	I									1			I	1
SGG	I									1			I	1
SIO	I									4			I	4
SIX	I									1			I	1
TOTAL	I	2	1	12	4	3	1	1	9	18	5	15	11 I	82

SAMPLE 'TYPE' CODES USED ABOVE

BT = BATHYTHERMOGRAM NOTE-BT LOGS, TRACES TO BE RETURNED, BEGINNING
CU = CORE (SEE ALSO TYPE DH**)
DP = DEPTH
GV = GRAVITY
HF = HEAT PROBE
LB = LOG BOOKS
MG = MAGNETICS (TOWED VEHICLE, SURFACE, TOTAL FIELD)
NV = NAVIGATION
PE = PERSONNEL IN SCIENTIFIC PARTY
SN = SURFACE NET
SP = SEISMIC REFLECTION PROFILE AIRGUN
SR = SEISMIC REFRACTION

SAMPLE 'DISP' CODES USED ABOVE

DCP = DATA COLLECTION, PROCESSING GROUP -- F. WILKES (EXT. 3668)
DDM = ANISOTROPY DATA, DELPHA D. MCGOWAN (EXT. 2851)
GCR = GEOLOGICAL CURATING FACILITY -- W. RIEDEL, (EXT. 4386)
GDC = GEOLOGICAL DATA CENTER -- S. M. SMITH (EXT. 2752)
GGS = GEORGE SHOR (EXT. 2853)
GRD = GEOLOGICAL RESEARCH DIVISION (EXT. 3360)
IDU = INDONESIAN
LAW = LAWRENCE LAWYER (MARINE PHYSICAL LAB, EXT. 3356)
LMD = LEROY M. DORMAN (EXT. 2406)
MIC = MARINE INVERTEBRATE CURATOR - A.FLEMINGER, (EXT. 2071)
MPL = MARINE PHYSICAL LAB. (EXT 2305)
MTG = MARINE TECHNOLOGY GROUP (EXT 4194)
RFN = SEISMIC REFRACTION GROUP -- G. G. SHOR (EXT. 2835)
SCG = SHIPBOARD COMPUTER GROUP (EXT. 4195)
SGG = SHIPBOARD GEOPHYSICAL GROUP--P. CRAMPTON (EXT.2079)
SIO = SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CAL. 92093
SIX = SCRIPPS INSTITUTION NON-EMPLOYEE -(CONTACT DORCAS UTTER EXT. 2356)

S.I.O. SAMPLE INDEX

INDOPAC EXPEDITION LEG 13 INDP13WT

*** PORTS ***

1130 12 477	LGPT B PADANG, SUMATRA	1 00 S 100 22 E F INDP13WT
2300 23 477	LGPT E PADANG, SUMATRA	1 00 S 100 22 E F INDP13WT

PERSONNEL

PECS	CURRAY, J.	GRD	INDP13WT
PECS	SHOR, G.	GGS	INDP13WT
PERT	COMER, K.	MTG	INDP13WT
PEET	BONGARD, R.	SGG	INDP13WT
PEET	O'NEILL, P.	RFN	INDP13WT
PECT	MOORE, M.	SCG	INDP13WT
PES	CHAO,B.	SIO	INDP13WT
PE	EMMEL, F.	GRD	INDP13WT
PEXN	HEHUWAT, F.	IDO	INDP13WT
PE	HOLMES, G.	SIX	INDP13WT
PES	KIECKHEFER, R.	SIO	INDP13WT
PE	LAWVER, L.	MPL	INDP13WT
PE	NEWHOUSE, D.	GDC	INDP13WT
PES	RAMSEY, C.	SIO	INDP13WT
PE	SHOR, E.	SIO	INDP13WT
PEXN	SUDARMADJI, O.	IDO	INDP13WT
PEXN	SYAIFUDDIN	IDO	INDP13WT
PEXN	ZABIR,Z.	IDO	INDP13WT

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

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
					UNDERWAY DATA CURATOR - STUART SMITH (EXT.2752)				
					*** LOG BOOKS ***				
1200	12	477		LBUW B	UNDERWAY WATCH LOG	GDC	1 26S 100	193E S	INDP13WT
2200	23	477		LBUW E	UNDERWAY WATCH LOG	GDC	0 597S 100	193E S	INDP13WT
					*** NAVIGATION PLOTS ***				
1330	12	477		NVBP B	BRIDGE PLOT 1	GDC	0 581S 100	74E S	INDP13WT
500	15	477		NVBP E	BRIDGE PLOT 1	GDC	0 250N 97	120E S	INDP13WT
2015	12	477		NVBP B	BRIDGE PLOT 2	GDC	0 477S 99	99E S	INDP13WT
346	24	477		NVBP E	BRIDGE PLOT 2	GDC	1 15S 100	255E S	INDP13WT
1200	15	477		NVBP B	BRIDGE PLOT 3	GDC	0 232N 97	140E S	INDP13WT
1230	23	477		NVBP E	BRIDGE PLOT 3	GDC	1 161S 99	224E S	INDP13WT
1342	23	477		NVBP B	BRIDGE PLOT 4	GDC	1 225S 99	275E S	INDP13WT
345	24	477		NVBP E	BRIDGE PLOT 4	GDC	1 15S 100	255E S	INDP13WT
113	12	477		NVCP B	DR PLOT 1	GDC	1 5S 100	221E S	INDP13WT
100	13	477		NVCP E	DR PLOT 1	GDC	0 412S 98	281E S	INDP13WT
115	13	477		NVCP B	DR PLOT 2	GDC	0 407S 98	260E S	INDP13WT
2230	19	477		NVCP E	DR PLOT 2	GDC	1 573N 97	326E S	INDP13WT
2245	19	477		NVCP B	DR PLOT 3	GDC	1 588N 97	335E S	INDP13WT
900	20	477		NVCP E	DR PLOT 3	GDC	1 504N 97	462E S	INDP13WT
930	20	477		NVCP B	DR PLOT 2 CONTINUED	GDC	1 484N 97	476E S	INDP13WT
30	23	477		NVCP E	DR PLOT 2 CONTINUED	GDC	0 92N 98	596E S	INDP13WT
100	23	477		NVCP B	DR PLOT 4	GDC	0 42N 99	10E S	INDP13WT
2300	23	477		NVCP E	DR PLOT 4	GDC	1 15S 100	255E S	INDP13WT
					*** FATHOGRAMS ***				
1200	12	477		DPR3 B	3.5KHZ GDR ROLL-01	GDC	1 26S 100	193E S	INDP13WT
1550	13	477		DPR3 E	3.5KHZ GDR ROLL-01	GDC	0 21S 97	223E S	INDP13WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1550	13 477			DPR3 B	3.5KHZ GDR ROLL-02	GDC	0 21S	97 223E	S INDP13WT
1825	13 477			DPR3 E	3.5KHZ GDR ROLL-02	GDC	0 4S	97 201E	S INDP13WT
1830	13 477			DPR3 B	3.5KHZ GDR ROLL-03	GDC	0 3S	97 200E	S INDP13WT
1441	14 477			DPR3 E	3.5KHZ GDR ROLL-03	GDC	0 362N	96 599E	S INDP13WT
1442	14 477			DPR3 B	3.5KHZ GDR ROLL-04	GDC	0 363N	96 598E	S INDP13WT
328	15 477			DPR3 E	3.5KHZ GDR ROLL-04	GDC	0 259N	97 113E	S INDP13WT
329	15 477			DPR3 B	3.5KHZ GDR ROLL-05	GDC	0 259N	97 113E	S INDP13WT
1147	16 477			DPR3 E	3.5KHZ GDR ROLL-05	GDC	0 172S	98 174E	S INDP13WT
1152	16 477			DPR3 B	3.5KHZ GDR ROLL-06	GDC	0 172S	98 174E	S INDP13WT
1650	17 477			DPR3 E	3.5KHZ GDR ROLL-06	GDC	0 225N	97 464E	S INDP13WT
1651	17 477			DPR3 B	3.5KHZ GDR ROLL-07	GDC	0 226N	97 464E	S INDP13WT
2230	18 477			DPR3 E	3.5KHZ GDR ROLL-07	GDC	1 124N	96 550E	S INDP13WT
2232	18 477			DPR3 B	3.5KHZ GDR ROLL-08	GDC	1 124N	96 550E	S INDP13WT
1228	19 477			DPR3 E	3.5KHZ GDR ROLL-08	GDC	1 300N	97 29E	S INDP13WT
1228	19 477			DPR3 B	3.5KHZ GDR ROLL-09	GDC	1 300N	97 29E	S INDP13WT
1130	20 477			DPR3 E	3.5KHZ GDR ROLL-09	GDC	1 419N	97 514E	S INDP13WT
1137	20 477			DPR3 B	3.5KHZ GDR ROLL-10	GDC	1 416N	97 516E	S INDP13WT
1941	21 477			DPR3 E	3.5KHZ GDR ROLL-10	GDC	1 36N	98 272E	S INDP13WT
1943	21 477			DPR3 B	3.5KHZ GDR ROLL-11	GDC	1 38N	98 273E	S INDP13WT
1200	22 477			DPR3 E	3.5KHZ GDR ROLL-11	GDC	1 58N	98 406E	S INDP13WT
1203	22 477			DPR3 B	3.5KHZ GDR ROLL-12	GDC	1 57N	98 406E	S INDP13WT
2200	23 477			DPR3 E	3.5KHZ GDR ROLL-12	GDC	0 597S	100 193E	S INDP13WT
*** SEISMIC REFLECTION PROFILES ***									
1329	12 477			SPRF B	AIRGUN 2 SEC R-01	GDC	0 581S	100 75E	S INDP13WT
211	13 477			SPRF E	AIRGUN 2 SEC R-01	GDC	0 33S	97 393E	S INDP13WT
2127	17 477			SPRF B	AIRGUN 2 SEC R-02	GDC	0 335N	97 377E	S INDP13WT
215	18 477			SPRF E	AIRGUN 2 SEC R-02	GDC	0 392N	97 138E	S INDP13WT
407	19 477			SPRF B	AIRGUN 2 SEC R-03	GDC	1 241N	96 478E	S INDP13WT
10	20 477			SPRF E	AIRGUN 2 SEC R-03	GDC	2 64N	97 390E	S INDP13WT
1242	21 477			SPRF B	AIRGUN 2 SEC R-04	GDC	1 76N	98 36E	S INDP13WT
2128	21 477			SPRF E	AIRGUN 2 SEC R-04	GDC	1 142N	98 367E	S INDP13WT
2140	22 477			SPRF B	AIRGUN 2 SEC R-05	GDC	0 374N	98 509E	S INDP13WT
2047	23 477			SPRF E	AIRGUN 2 SEC R-05	GDC	0 586S	100 92E	S INDP13WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1329	12 477			SPRS B	AIRGUN 5 SEC R-01	GDC	0 581S	100 75E S	INDP13WT
811	13 477			SPRS E	AIRGUN 5 SEC R-01	GDC	0 33S	97 393E S	INDP13WT
2127	17 477			SPRS B	AIRGUN 5 SEC R-02	GDC	0 335N	97 377E S	INDP13WT
10	20 477			SPRS E	AIRGUN 5 SEC R-02	GDC	2 64N	97 390E S	INDP13WT
1240	21 477			SPRS B	AIRGUN 5 SEC R-03	GDC	1 76N	98 35E S	INDP13WT
2128	21 477			SPRS E	AIRGUN 5 SEC R-03	GDC	1 142N	98 367E S	INDP13WT
2140	22 477			SPRS B	AIRGUN 5 SEC R-04	GDC	0 374N	98 509E S	INDP13WT
2047	23 477			SPRS E	AIRGUN 5 SEC R-04	GDC	0 586S	100 92E S	INDP13WT
*** MAGNETOMETER ***									
1325	12 477			MGR B	MAGNETICS ROLL-01	GDC	0 580S	100 77E S	INDP13WT
2047	23 477			MGR E	MAGNETICS ROLL-01	GDC	0 586S	100 92E S	INDP13WT
GRAVIMETRIC RECORDS CURATOR L.M. DORMAN (EXT.2406)									
1200	12 477			GVR B	GRAV ANALOGUE R-1	LMD	1 26S	100 193E S	INDP13WT
55	14 477			GVR E	GRAV ANALOGUE R-1	LMD	0 14N	97 246E S	INDP13WT
100	14 477			GVR B	GRAV ANALOGUE R-2	LMD	0 16N	97 245E S	INDP13WT
2300	23 477			GVR E	GRAV ANALOGUE R-2	LMD	1 15S	100 255E S	INDP13WT
1200	12 477			GVXR B	GRAVITY XCOUPLE R-1	LMD	1 26S	100 193E S	INDP13WT
1530	13 477			GVXR E	GRAVITY XCOUPLE R-1	LMD	0 22S	97 225E S	INDP13WT
1543	13 477			GVXR B	GRAVITY XCOUPLE R-2	LMD	0 22S	97 224E S	INDP13WT
2300	23 477			GVXR E	GRAVITY XCOUPLE R-2	LMD	1 15S	100 255E S	INDP13WT
WIDE ANGLE SEISMIC REFLECTION									
1517	12 477			SPWA	BUOY A STA 13-01	DDM	0 546S	99 263E S	INDP13WT
1922	12 477			SPWA	BUOY B STA 13-01	DDM	0 508S	99 172E S	INDP13WT
1212	23 477			SPWA	BUOY A STA 13-12	DDM	1 140S	99 213E S	INDP13WT
1526	23 477			SPWA	BUOY A STA 13-13	DDM	1 159S	99 387E S	INDP13WT
1746	23 477			SPWA	BUOY B STA 13-13	DDM	1 73S	99 534E S	INDP13WT
1947	23 477			SPWA	BUOY C STA 13-13	DDM	1 42S	99 589E S	INDP13WT

TIME GMT	DATE D.M.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** SEISMIC REFRACTION STATION ***									
2120	13 477			SRST B	REFRACTION STA 13-02	DDM	0 8N	97 205E	S INDP13WT
1203	14 477			SRST E	REFRACTION STA 13-02	DDM	0 334N	97 31E	S INDP13WT
958	15 477			SRST B	REFRACTION STA 13-03	DDM	0 246N	97 129E	S INDP13WT
2130	15 477			SRST E	REFRACTION STA 13-03	DDM	0 46S	97 260E	S INDP13WT
953	16 477			SRST B	REFRACTION STA 13-04	DDM	0 174S	98 166E	S INDP13WT
1800	16 477			SRST E	REFRACTION STA 13-04	DDM	0 183S	98 188E	S INDP13WT
343	17 477			SRST B	REFRACTION STA 13-05	DDM	0 109S	98 91E	S INDP13WT
2045	17 477			SRST E	REFRACTION STA 13-05	DDM	0 334N	97 388E	S INDP13WT
428	18 477			SRST B	REFRACTION STA 13-06	DDM	0 393N	97 135E	S INDP13WT
1100	18 477			SRST E	REFRACTION STA 13-06	DDM	0 374N	97 175E	S INDP13WT
1247	18 477			SRST B	REFRACTION STA 13-07	DDM	0 419N	97 148E	S INDP13WT
315	19 477			SRST E	REFRACTION STA 13-07	DDM	1 242N	96 483E	S INDP13WT
309	20 477			SRST B	REFRACTION STA 13-08	DDM	2 30N	97 416E	S INDP13WT
2110	20 477			SRST E	REFRACTION STA 13-08	DDM	1 105N	98 46E	S INDP13WT
2220	20 477			SRST B	REFRACTION STA 13-09	DDM	1 104N	98 43E	S INDP13WT
521	21 477			SRST E	REFRACTION STA 13-09	DDM	1 76N	98 22E	S INDP13WT
729	21 477			SRST B	REFRACTION STA 13-10	DDM	1 75N	98 21E	S INDP13WT
1133	21 477			SRST E	REFRACTION STA 13-10	DDM	1 71N	98 23E	S INDP13WT
454	22 477			SRST B	REFRACTION STA 13-11	DDM	1 124N	98 371E	S INDP13WT
850	22 477			SRST E	REFRACTION STA 13-11	DDM	1 112N	98 376E	S INDP13WT
1026	22 477			SRST B	REFRACTION STA 13-12	DDM	1 111N	98 383E	S INDP13WT
2053	22 477			SRST E	REFRACTION STA 13-12	DDM	0 385N	98 502E	S INDP13WT
*** CORES ***									
1909	14 477			CORG	INDP48 13-1 3874M	GCR	0 378N	96 583E	S INDP13WT
SURFACE SAMPLE									
1126	12 477			SNNU B	H 13-1 NEUSTON	MIC	1 2S	100 222E	S INDP13WT
1140	12 477			SNNU E	H 13-1 NEUSTON	MIC	1 10S	100 218E	S INDP13WT
1033	13 477			SNNU B	H 13-2 NEUSTON	MIC	0 32S	97 249E	S INDP13WT
1043	13 477			SNNU E	H 13-2 NEUSTON	MIC	0 32S	97 243E	S INDP13WT

TIME GMT	DATE D.N.Y.	TIME LOC	TZ LOC	SAMP CODE	SAMPLE IDENT.	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
430	16 477			SNNU B	H 13-3 NEUSTON	MIC	0 173S	98 164E S	INDP13WT
440	16 477			SNNU E	H 13-3 NEUSTON	MIC	0 174S	98 169E S	INDP13WT
204	17 477			SNNU B	H 13-4 NEUSTON	MIC	0 117S	98 101E S	INDP13WT
219	17 477			SNNU E	H 13-4 NEUSTON	MIC	0 116S	98 99E S	INDP13WT
1118	18 477			SNNU B	H 13-5 NEUSTON	MIC	0 374N	97 177E S	INDP13WT
1125	18 477			SNNU E	H 13-5 NEUSTON	MIC	0 375N	97 177E S	INDP13WT
HEAT FLOW									
1200	13 477			HF2M	HEAT FLOW 13-13 2965	LAW	0 36S	97 246E S	INDP13WT
1620	14 477			HF2M	HEAT FLOW 13-14 3870	LAW	0 377N	96 587E S	INDP13WT
740	19 477			HF2M	HEAT FLOW 13-15 3050	LAW	1 167N	96 430E S	INDP13WT
*** BATHYTHERMOGRAPH ***									
1210	15 477			BTX	NR. SAMPLES = 1	DCP	0 226N	97 143E S	INDP13WT
1120	16 477			BTX	NR. SAMPLES = 1	DCP	0 173S	98 173E S	INDP13WT
9900									INDP13WT

9900 END SAMPLE INDEX.

~~F07702M-V~~