

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA
(Issued February 1988)

SEATOMADO EXPEDITION

LEG 1

San Diego, California (16 October 1986)
to
San Diego, California (8 November 1986)

R/V Melville

Chief Scientist - L. Dorman (SIO)

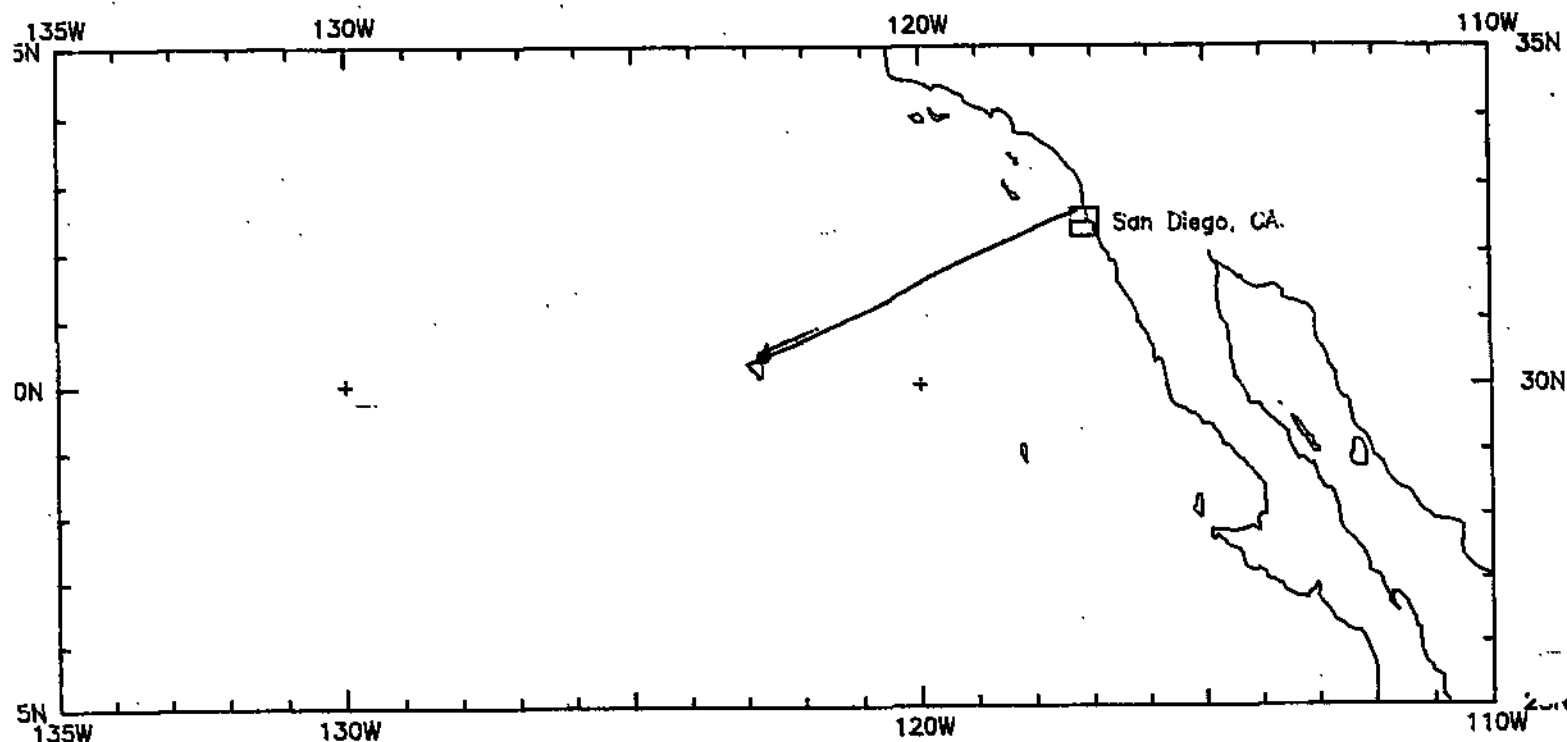
Resident Marine Technician - J. Boaz

Post-Cruise Processing and Report Preparation
by Geological Data Center, Scripps Institution of Oceanography

Data Collection and Processing Funded by NSF
Grant Number OCE83-17741

NOTE: This is an index of underway geophysical data edited and processed after the completion of the cruise leg and is intended primarily for informal use within the institution. This document is not to be reproduced or distributed outside Scripps without prior approval of the chief scientist or the Geological Data Center, Scripps Institution of Oceanography, La Jolla, California 92093.

GDC Cruise I.D.# 227



SEATOMDAO Leg 1 Melville (STOM01MV)

*

****PORTS****

1700 161086	LGPT B SAN DIEGO,CALIF	32-43 N 117-11 W fSTOM01MV
0200 081186	LGPT E SAN DIEGO,CALIF	32-43 N 117-11 W fSTOM01MV

****PERSONNEL****

NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS GRD DORMAN,L	CHIEF SCIENTIST	SCRIPPS INSTITUTION	STOM01MV
PEET GRD AJA,T	ELECT TECH	SCRIPPS INSTITUTION	STOM01MV
PERT STS BOAZ,J	RES TECH	SCRIPPS INSTITUTION	STOM01MV
PEET MPL ELDER,R	ENGINEER	SCRIPPS INSTITUTION	STOM01MV
PEET SIX ESLICK,B	ENGINEER	NORDA	STOM01MV
PEET SIX EVERARD,B	ENGINEER	NORDA	STOM01MV
PESP GRD GEE,J	TECH	SCRIPPS INSTITUTION	STOM01MV
PEST MPL HAMMER,P	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PESP MPL HILDEBRAND,J	SCIENTIST	SCRIPPS INSTITUTION	STOM01MV
PEST MPL LAHAV,D	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PEET MPL PAVLICEK,V	ENGINEER	SCRIPPS INSTITUTION	STOM01MV
PEST GRD SAUTER,A	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PEST GRD SCHREINER,T	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PESP GRD STAUDIGEL,H	SCIENTIST	SCRIPPS INSTITUTION	STOM01MV
PEST GRD STOKKING,L	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PESP GRD WILLOUGHBY,D	ENGINEER	SCRIPPS INSTITUTION	STOM01MV
PECT STS MOORE,M	COMPUTER TECH	SCRIPPS INSTITUTION	STOM01MV
PEST GRD NUGENT,W	STUDENT	SCRIPPS INSTITUTION	STOM01MV
PERT STS HARGREAVES,G	RES TECH	SCRIPPS INSTITUTION	STOM01MV

****NOTES****

#AN 'X' IN THE (B)EGIN/(E)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO
#SAMPLE OR DATA RECOVERED. A 'C' INDICATES CONTINUATION OF DATA COLLECTION
#FROM BEFORE THE BEGINNING OR AFTER THE END OF A PARTICULAR LEG. (MOORED
#BOTTOM INSTRUMENTS, FOR EXAMPLE.) THE NUMBER APPEARING IN THE COLUMNS
#BETWEEN THE SAMPLE IDENTIFIER AND THE DISPOSITION CODE, FOR MANY SAMPLE
#ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS. POSITIONS ARE IN TENTHS
#OF MINUTES.

#GMT	DDMMYY	LOC	T	SAMP	SAMPLE	DISP			CRUISE
#TIME	DATE	TIME	Z	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP
#-----									

****UNDERWAY DATA CURATOR - S. M. SMITH EXT. 42752

**** ECHOSOUNDER RECORDS ***

2240	171086			DPRT	B 12 KHZ PDR R-01	GRD	30-317N	122-398W	sSTOM01MV
0055	191086			DPRT	E 12 KHZ PDR R-01	GRD	30-315N	122-408W	sSTOM01MV
0100	191086			DPRT	B 12 KHZ PDR R-02	GRD	30-315N	122-409W	sSTOM01MV
1745	311086	-		DPRT	E 12 KHZ PDR R-02	GRD	30-285N	122-397W	sSTOM01MV
1755	311086			DPRT	B 12 KHZ PDR R-03	GRD	30-284N	122-408W	sSTOM01MV
1800	061186			DPRT	E 12 KHZ PDR R-03	GRD	30-081N	122-442W	sSTOM01MV

1924	201086			XXXX	B LAUNCH SAT BEACON	NPX	30-228N	122-442W	sSTOM01MV-
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**** OCEAN BOTTOM SEISMOMETERS ***

0820	181086			SBOB	B OBS FREE FALL	GRD	30-253N	122-372W	sSTOM01MV
1325	311086			SBOB	E RCVR JUAN	GRD	30-251N	122-375W	sSTOM01MV
1244	181086			SBOB	B OBS FREE FALL	GRD	30-316N	122-431W	sSTOM01MV
1500	311086			SBOB	E RCVR PHRED	GRD	30-274N	122-369W	sSTOM01MV
0801	181086			SBOB	B OBS FREE FALL	GRD	30-255N	122-374W	sSTOM01MV
1630	311086			SBOB	E RCVR BEZDECK	GRD	30-279N	122-370W	sSTOM01MV
0043	201086			SBOB	B OBS WIRE PLANT	GRD	30-284N	122-375W	sSTOM01MV
1000	061186			SBOB	E RCVR LYNN	GRD	30-282N	122-450W	sSTOM01MV
0137	211086			SBOB	B OBS FREE FALL	GRD	30-234N	122-399W	sSTOM01MV
0830	061186			SBOB	E RCVR FITZGERALD	GRD	30-256N	122-475W	sSTOM01MV

#GMT #TIME #	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
1531	211086			SBOB B	OBS FREE FALL	GRD	30-214N	122-435W	sSTOMO1MV
2230	051186			SBOB E	RCVR BRONYA	GRD	30-238N	122-449W	sSTOMO1MV
1855	211086			SBOB B	OBS FREE FALL	GRD	30-211N	122-463W	sSTOMO1MV
0833	311086			SBOB E	RCVR KAREN	GRD	30-279N	122-497W	sSTOMO1MV
2346	231086			SBOB B	OBS FREE FALL	GRD	30-283N	122-484W	sSTOMO1MV
1614	241086			SBOB E	RCVR SUZY	GRD	30-272N	122-482W	sSTOMO1MV
1709	241086			SBOB B	OBS FREE FALL	GRD	30-285N	122-489W	sSTOMO1MV
0630	311086			SBOB E	RCVR MCKISSICK	GRD	30-272N	122-498W	sSTOMO1MV
1651	251086			SBOB B	OBS FREE FALL	GRD	30-304N	122-464W	sSTOMO1MV
0500	061186			SBOB E	RCVR MORRIS	GRD	30-258N	122-445W	sSTOMO1MV
1516	261086			SBOB B	OBS FREE FALL	GRD	30-233N	122-490W	sSTOMO1MV
0500	311086			SBOB E	RCVR SUZY	GRD	30-263N	122-500W	sSTOMO1MV
027	281086			SBOB B	OBS FREE FALL	GRD	30-256N	122-495W	sSTOMO1MV
0400	061186			SBOB E	RCVR JANICE	GRD	30-215N	122-428W	sSTOMO1MV
1620	311086			SBOB B	OBS FREE FALL	GRD	30-278N	122-370W	sSTOMO1MV
0300	061186			SBOB E	RCVR JUAN	GRD	30-251N	122-424W	sSTOMO1MV
1515	011186			SBOB B	OBS FREE FALL	GRD	30-252N	122-475W	sSTOMO1MV
0200	061186			SBOB E	RCVR MCKISSICK	GRD	30-261N	122-430W	sSTOMO1MV
1908	011186			SBOB B	OBS FREE FALL	GRD	30-266N	122-432W	sSTOMO1MV
0100	061186			SBOB E	RCVR KAREN	GRD	30-247N	122-439W	sSTOMO1MV
1513	021186			SBOB B	OBS FREE FALL	GRD	30-269N	122-432W	sSTOMO1MV
2330	051186			SBOB E	RCVR PHRED	GRD	30-237N	122-452W	sSTOMO1MV
1627	021186			SBOB B	OBS FREE FALL	GRD	30-282N	122-451W	sSTOMO1MV
1100	061186			SBOB E	LOST BEZDECK	GRD	30-283N	122-442W	sSTOMO1MV
1727	021186			SBOB B	OBS FREE FALL	GRD	30-263N	122-418W	sSTOMO1MV
0400	061186			SBOB E	RCVR SUZY	GRD	30-215N	122-428W	sSTOMO1MV

#GMT #TIME #	DDMMYY DATE ---	LOC T TIME Z ---	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** DREDGES ***								
0708	191086		DRRO B	DREDGE 01	GRD	30-316N	122-400W	sSTOMO1MV
0930	191086		DRRO E	DREDGE 01	GRD	30-321N	122-410W	sSTOMO1MV
1147	201086		DRRO B	DREDGE 02	GRD	30-284N	122-389W	sSTOMO1MV
1347	201086		DRRO E	DREDGE 02	GRD	30-273N	122-397W	sSTOMO1MV
0519	211086		DRRO B	DREDGE 03	GRD	30-260N	122-394W	sSTOMO1MV
0700	211086		DRRO E	DREDGE 03	GRD	30-261N	122-400W	sSTOMO1MV
1054	211086		DRRO B	DREDGE 04	GRD	30-250N	122-415W	sSTOMO1MV
1230	211086		DRRO E	DREDGE 04	GRD	30-252N	122-424W	sSTOMO1MV
0810	231086		DRRO B	DREDGE 05	GRD	30-232N	122-482W	sSTOMO1MV
1030	231086		DRRO E	DREDGE 05	GRD	30-232N	122-477W	sSTOMO1MV
1312	231086		DRRO B	DREDGE 06	GRD	30-247N	122-473W	sSTOMO1M
1551	231086		DRRO E	DREDGE 06	GRD	30-246N	122-462W	sSTOMO1MV
0613	241086		DRRO B	DREDGE 07	GRD	30-213N	122-461W	sSTOMO1MV
0833	241086		DRRO X	LOST DREDGE 07	GRD	30-221N	122-458W	sSTOMO1MV
1138	241086		DRRO B	DREDGE 08	GRD	30-212N	122-465W	sSTOMO1MV
1420	241086		DRRO E	DREDGE 08	GRD	30-213N	122-465W	sSTOMO1MV
2000	311086		DRRO B	DREDGE 09	GRD	30-288N	122-441W	sSTOMO1MV
2049	311086		DRRO E	DREDGE 09	GRD	30-283N	122-446W	sSTOMO1MV
2254	311086		DRRO B	DREDGE 10	GRD	30-255N	122-436W	sSTOMO1MV
2330	311086		DRRO X	LOST DREDGE 10	GRD	30-255N	122-439W	sSTOMO1MV
1930	011186		DRRO B	DREDGE 11	GRD	30-267N	122-433W	sSTOMO1MV
2108	011186		DRRO E	DREDGE 11	GRD	30-267N	122-439W	sSTOMO1MV
2230	011186		DRRO B	DREDGE 12	GRD	30-257N	122-441W	sSTOMO1MV
0100	021186		DRRO E	DREDGE 12	GRD	30-238N	122-447W	sSTOMO1MV

#GMT	DDMMYY	LOC T	SAMP	SAMPLE	DISP.				CRUISE
#TIME	DATE	TIME Z	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP	
0300	021186		DRRO B	DREDGE 13	GRD	30-235N	122-438W	sSTOM01MV	
0800	021186		DRRO E	DREDGE 13	GRD	30-237N	122-453W	sSTOM01MV	
0940	021186		DRRO B	DREDGE 14	GRD	30-281N	122-462W	sSTOM01MV	
1300	021186		DRRO E	DREDGE 14	GRD	30-271N	122-456W	sSTOM01MV	
2243	021186		DRRO B	DREDGE 15	GRD	30-281N	122-432W	sSTOM01MV	
2355	021186		DRRO E	DREDGE 15	GRD	30-276N	122-435W	sSTOM01MV	
0145	031186		DRRO B	DREDGE 16	GRD	30-274N	122-435W	sSTOM01MV	
0345	031186		DRRO E	DREDGE 16	GRD	30-274N	122-431W	sSTOM01MV	
0445	031186		DRRO B	DREDGE 17	GRD	30-282N	122-398W	sSTOM01MV	
0800	031186		DRRO E	DREDGE 17	GRD	30-279N	122-409W	sSTOM01MV	
0930	031186		DRRO B	DREDGE 18	GRD	30-256N	122-460W	sSTOM01MV	
230	031186		DRRO E	DREDGE 18	GRD	30-247N	122-449W	sSTOM01MV	
2150	051186		DRRO B	DREDGE 19	GRD	30-238N	122-449W	sSTOM01MV	
0011	061186		DRRO E	DREDGE 19	GRD	30-240N	122-445W	sSTOM01MV	

**** ACOUSTICAL STUDIES ****

0131	251086		ACXX	SHOT 01	GRD	30-253N	122-495W	sSTOM01MV	
0330	251086		ACXX	SHOT 02	GRD	30-239N	122-491W	sSTOM01MV	
0500	251086		ACXX	SHOT 03	GRD	30-230N	122-492W	sSTOM01MV	
0130	261086		ACXX	SHOT 04	GRD	30-220N	122-493W	sSTOM01MV	
0300	261086		ACXX	SHOT 05	GRD	30-211N	122-475W	sSTOM01MV	
0501	261086		ACXX	SHOT 06	GRD	30-206N	122-460W	sSTOM01MV	
2231	261086		ACXX	SHOT 07	GRD	30-209N	122-448W	sSTOM01MV	
0100	271086		ACXX	SHOT 08	GRD	30-214N	122-435W	sSTOM01MV	
0300	271086		ACXX	SHOT 09	GRD	30-219N	122-420W	sSTOM01MV	
0500	271086		ACXX	SHOT 10	GRD	30-225N	122-405W	sSTOM01MV	
0001	281086		ACXX	SHOT 11	GRD	30-234N	122-400W	sSTOM01MV	
0230	281086		ACXX	SHOT 12	GRD	30-253N	122-383W	sSTOM01MV	
0400	281086		ACXX	SHOT 13	GRD	30-263N	122-380W	sSTOM01MV	

#GMT #TIME	DDMMYY DATE	LOC T TIME Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
0530	281086		ACXX	SHOT 14	GRD	30-276N	122-376W	sSTOM01MV
0700	281086		ACXX	SHOT 15	GRD	30-287N	122-371W	sSTOM01MV
0130	291086		ACXX	SHOT 16	GRD	30-297N	122-379W	sSTOM01MV
0300	291086		ACXX	SHOT 17	GRD	30-305N	122-391W	sSTOM01MV
0430	291086		ACXX	SHOT 18	GRD	30-307N	122-409W	sSTOM01MV
0600	291086		ACXX	SHOT 19	GRD	30-312N	122-418W	sSTOM01MV
2130	291086		ACXX	SHOT 20	GRD	30-307N	122-423W	sSTOM01MV
2330	291086		ACXX	SHOT 21	GRD	30-308N	122-447W	sSTOM01MV
0130	301086		ACXX	SHOT 22	GRD	30-306N	122-459W	sSTOM01MV
2130	301086	-	ACXX	SHOT 23	GRD	30-300N	122-467W	sSTOM01MV
2330	301086		ACXX	SHOT 24	GRD	30-291N	122-482W	sSTOM01MV
0130	311086		ACXX	SHOT 25	GRD	30-282N	122-488W	sSTOM01MV
0400	311086		ACXX	SHOT 26	GRD	30-274N	122-490W	sSTOM01MV
0100	031186		ACXX	SHOT 27	GRD	30-271N	122-433W	sSTOM01MV
0230	031186		ACXX	SHOT 28	GRD	30-274N	122-436W	sSTOM01MV
0400	031186		ACXX	SHOT 29	GRD	30-275N	122-430W	sSTOM01MV
0530	031186		ACXX	SHOT 30	GRD	30-284N	122-398W	sSTOM01MV
0000	051186		ACXX	SHOT 31	GRD	30-277N	122-437W	sSTOM01MV
0130	051186		ACXX	SHOT 32	GRD	30-289N	122-451W	sSTOM01M
0330	051186		ACXX	SHOT 33	GRD	30-300N	122-458W	sSTOM01MV
0530	051186		ACXX	SHOT 34	GRD	30-310N	122-471W	sSTOM01MV

END SAMPLE INDEX