

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

BLANCO TROUGH EXPEDITION

LEG 1

San Diego, California (23 July 1987)
to
Newport, Oregon (13 August 1987)

R/V Melville

Co-Chief Scientists - F. Spiess (SIO)
J. Delany (Univ. of Washington)

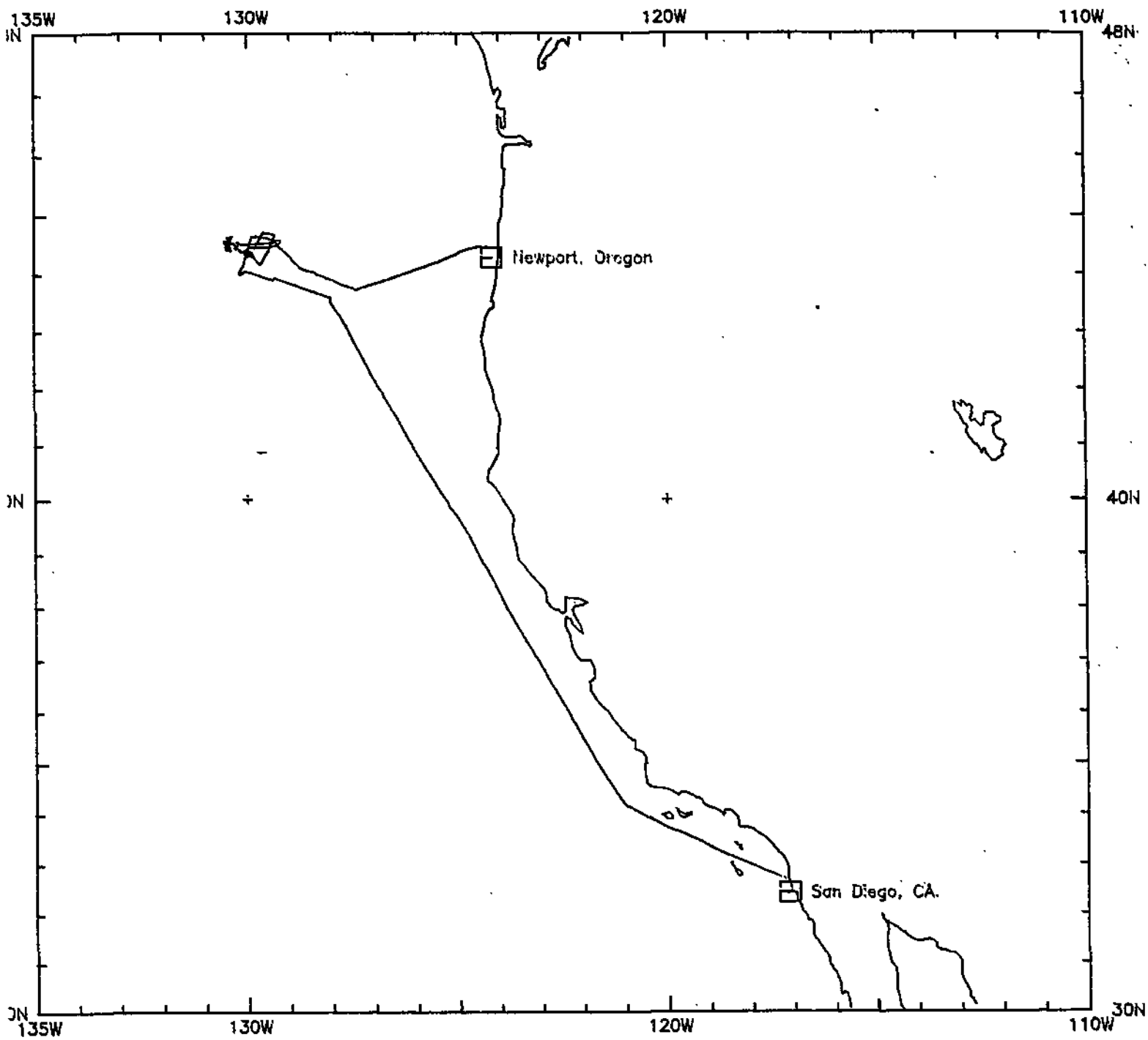
Resident Marine Technician - J. Boaz

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

Data Collection and Processing Funded by NSF
Grant Number OCE87-02835

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.# 234



BLANCO TROUGH Leg 1 Melville (BLTR01MV)

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****PORTS****

1500 230787	LGPT B SAN DIEGO, CALIF.	32-43 N 117-11 W fBLTRO1MV
1500 130887	LGPT E NEWPORT, OREGON	44-290N 124-169W fBLTRO1MV

****PERSONNEL****

	NAME	***TITLE***	***AFFILIATION***	**CRID**
PECS MPL	SPIESS, F.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	BLTRO1MV
PECS UWA	DELANY, J.	CHIEF SCIENTIST	UNIV. OF WASHINGTON	BLTRO1MV
PERT STS	BOAZ, J.	RESIDENT TECH	SCRIPPS INSTITUTION	BLTRO1MV
PECT STS	CHARTERS, J.	COMPUTER TECH	SCRIPPS INSTITUTION	BLTRO1MV
PESP MPL	BERNHARDT, R.	ENGINEER	SCRIPPS INSTITUTION	BLTRO1MV
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PEST UWA	COE, J.	STUDENT	UNIV. OF WASHINGTON	BLTRO1MV
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PESP OSU	DECHARON, A.	STUDENT	OREGON STATE UNIV.	BLTRO1MV
PESP UWA	KELLEY, D.	STUDENT	UNIV. OF WASHINGTON	BLTRO1MV
PESP MPL	ELDER, B.	DEVELOPMENT ENG.	SCRIPPS INSTITUTION	BLTRO1MV
PESP MPL	FOSTER, A.	ENGINEERING AIDE	SCRIPPS INSTITUTION	BLTRO1MV
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PESP MPL	LAWHEAD, B.	PROGRAMMER	SCRIPPS INSTITUTION	BLTRO1MV
PESP UWA	LISTER, C.	PROFESSOR	UNIV. OF WASHINGTON	BLTRO1MV
PESP MPL	LOWENSTEIN, C.	SPECIALIST	SCRIPPS INSTITUTION	BLTRO1MV
PESP SIX	LOWENSTEIN, J.	VOLUNTEER	NON-EMPLOYEE	BLTRO1MV
PEST MPL	MCINTYRE, M.	STUDENT	SCRIPPS INSTITUTION	BLTRO1MV
PESP UCS	NEHLIO, P.	PROFESSOR	U.C.SANTA BARBARA	BLTRO1MV
PESP UWA	PALMER, J.	STUDENT	UNIV. OF WASHINGTON	BLTRO1MV
PEST MPL	TRAN, J.	STUDENT	SCRIPPS INSTITUTION	BLTRO1MV

****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 #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
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*** UNDERWAY DATA CURATOR - S.M. SMITH X42752

*** MAGNETICS ***

0300	260787			MGRA B	MAGNETICS R-01	GDC	39-471N	125-082W	sBLTRO1MV
1455	280787			MGRA E	MAGNETICS R-01	GDC	44-313N	129-152W	sBLTRO1MV
2300	110887			MGRA B	MAGNETICS R-02	GDC	44-329N	130-146W	sBLTRO1MV
2200	120887			MGRA E	MAGNETICS R-02	GDC	43-461N	127-308W	sBLTRO1MV

*** EXPENDABLE BATHY THERMOGRAPHS ***

1900	240787			BTXP	xbt -003 Probe T-4	GDC	35-187N	121-535W	sBLTRO1MV
0037	250787			BTXP	xbt -002 Probe T-4	GDC	36-039N	122-253W	sBLTRO1MV
1925	250787			BTXP	xbt 0001 Probe T-4	GDC	38-396N	124-173W	sBLTRO1MV
0118	260787			BTXP	xbt 0002 Probe T-4	GDC	39-305N	124-535W	sBLTRO1MV
0259	250787			BTXP	xbt 0003 Probe T-4	GDC	36-229N	122-396W	sBLTRO1
0320	250787			BTXP	xbt 0004 Probe T-4	GDC	36-260N	122-420W	sBLTRO1M,
1925	250787			BTXP	xbt 0005 Probe T-4	GDC	38-396N	124-173W	sBLTRO1MV
0118	260787			BTXP	xbt 0006 Probe T-4	GDC	39-305N	124-535W	sBLTRO1MV
1627	260787			BTXP	xbt 0007 Probe T-4	GDC	41-579N	126-498W	sBLTRO1MV
0034	270787			BTXP	xbt 0008 Probe T-4	GDC	43-110N	127-439W	sBLTRO1MV
1708	270787			BTXP	xbt 0009 Probe T-4	GDC	43-553N	129-283W	sBLTRO1MV
1712	270787			BTXP	xbt 0010 Probe T-4	GDC	43-554N	129-288W	sBLTRO1MV
0055	280787			BTXP	xbt 0011 Probe T-4	GDC	44-054N	130-080W	sBLTRO1MV
1759	280787			BTXP	xbt 0012 Probe T-4	GDC	44-279N	129-509W	sBLTRO1MV
0156	290787			BTXP	xbt 0013 Probe T-4	GDC	44-218N	130-008W	sBLTRO1MV
0223	310787			BTXP	xbt 0015 Probe T-4	GDC	44-193N	129-581W	sBLTRO1MV
1627	020887			BTXP	xbt 0016 Probe T-4	GDC	44-230N	129-528W	sBLTRO1MV
0027	030887			BTXP	xbt 0017 Probe T-4	GDC	44-319N	129-263W	sBLTRO1MV
1901	040887			BTXP	xbt 0018 Probe T-4	GDC	44-193N	129-507W	sBLTRO1MV
0108	050887			BTXP	xbt 0019 Probe T-4	GDC	44-210N	129-542W	sBLTRO1MV
1656	050887			BTXP	xbt 0020 Probe T-4	GDC	44-217N	129-590W	sBLTRO1MV
0216	060887			BTXP	xbt 0021 Probe T-4	GDC	44-232N	130-032W	sBLTRO1MV
1728	060887			BTXP	xbt 0022 Probe T-4	GDC	44-258N	130-083W	sBLTRO1MV
1853	070887			BTXP	xbt 0023 Probe T-4	GDC	44-212N	129-589W	sBLTRO1MV
0033	080887			BTXP	xbt 0024 Probe T-4	GDC	44-301N	130-184W	sBLTRO1MV
0337	110887			BTXP	xbt 0025 Probe T-4	GDC	44-322N	130-243W	sBLTRO1MV
1631	110887			BTXP	xbt 0026 Probe T-4	GDC	44-278N	130-154W	sBLTRO1MV
0241	120887			BTXP	xbt 0027 Probe T-4	GDC	44-332N	129-229W	sBLTRO1MV
1657	120887			BTXP	xbt 0028 Probe T-4	GDC	43-556N	128-038W	sBLTRO1MV
0032	130887			BTXP	xbt 0029 Probe T-4	GDC	43-476N	127-131W	sBLTRO1'

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

*** DREDGES ***									
1500	040887			DRRO B	ROCK DREDGE 01		44-178N	129-504W	sBLTRO1MV
1915	040887			DRRO E	ROCK DREDGE 01		44-194N	129-510W	sBLTRO1MV
2002	040887			DRRO B	ROCK DREDGE 02		44-205N	129-515W	sBLTRO1MV
0100	050887			DRRO E	ROCK DREDGE 02		44-213N	129-540W	sBLTRO1MV
0055	050887			DRRO B	ROCK DREDGE 03		44-215N	129-539W	sBLTRO1MV
0600	050887			DRRO E	ROCK DREDGE 03		44-211N	129-548W	sBLTRO1MV
0715	050887			DRRO B	ROCK DREDGE 04		44-214N	129-572W	sBLTRO1MV
1112	050887			DRRO E	ROCK DREDGE 04		44-221N	129-569W	sBLTRO1MV
1200	050887			DRRO B	ROCK DREDGE 05		44-215N	129-588W	sBLTRO1MV
1600	050887			DRRO E	ROCK DREDGE 05		44-218N	129-587W	sBLTRO1MV
1400	050887			DRRO B	ROCK DREDGE 06		44-216N	129-591W	sBLTRO1MV
2100	050887			DRRO E	ROCK DREDGE 06		44-226N	130-018W	sBLTRO1MV
2135	050887			DRRO B	ROCK DREDGE 07		44-224N	130-020W	sBLTRO1MV
0300	060887			DRRO E	ROCK DREDGE 07		44-231N	130-038W	sBLTRO1MV
0540	060887			DRRO B	ROCK DREDGE 08		44-227N	130-040W	sBLTRO1MV
1000	060887			DRRO E	ROCK DREDGE 08		44-243N	130-042W	sBLTRO1MV
1115	060887			DRRO B	ROCK DREDGE 09		44-244N	130-058W	sBLTRO1MV
1630	060887			DRRO E	ROCK DREDGE 09		44-254N	130-072W	sBLTRO1MV
1700	060887			DRRO B	ROCK DREDGE 10		44-255N	130-080W	sBLTRO1MV
2145	060887			DRRO E	ROCK DREDGE 10		44-250N	130-091W	sBLTRO1MV
0010	070887			DRRO B	ROCK DREDGE 11		44-192N	129-526W	sBLTRO1MV
0530	070887			DRRO E	ROCK DREDGE 11		44-178N	129-591W	sBLTRO1MV
0800	070887			DRRO B	ROCK DREDGE 12		44-211N	129-580W	sBLTRO1MV
1330	070887			DRRO E	ROCK DREDGE 12		44-217N	130-008W	sBLTRO1MV
0800	110887			DRRO B	ROCK DREDGE 13		44-303N	130-247W	sBLTRO1MV
1100	110887			DRRO E	ROCK DREDGE 13		44-297N	130-263W	sBLTRO1MV
1315	110887			DRRO B	ROCK DREDGE 14		44-264N	130-145W	sBLTRO1MV
1400	110887			DRRO E	ROCK DREDGE 14		44-278N	130-155W	sBLTRO1MV
1715	110887			DRRO B	ROCK DREDGE 15		44-277N	130-160W	sBLTRO1MV
2300	110887			DRRO E	ROCK DREDGE 15		44-329N	130-146W	sBLTRO1MV

#GMT #TIME #	DDMMYY DATE -----	LOC TIME Z	T	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT.	LONG.	CRUISE LEG-SHIP
*** DEEP TOW SURVEYS ***									
0647	290787			DTWS B	DEEPTOW SURVEY 01		44-228N	129-549W	sBLTRO1MV
0220	310787			DTWS E	DEEPTOW SURVEY 01		44-193N	129-581W	sBLTRO1MV
0515	310787			DTWS B	DEEPTOW SURVEY 02		44-217N	129-550W	sBLTRO1MV
1530	020887			DTWS E	DEEPTOW SURVEY 02		44-221N	129-563W	sBLTRO1MV
0820	030887			DTWS B	DEEPTOW SURVEY 03		44-228N	129-540W	sBLTRO1MV
1035	040887			DTWS E	DEEPTOW SURVEY 03		44-230N	130-021W	sBLTRO1MV
1110	080887			DTWS B	DEEPTOW SURVEY 04		44-333N	130-279W	sBLTRO1MV
0300	110887			DTWS E	DEEPTOW SURVEY 04		44-323N	130-255W	sBLTRO1MV

*** SEISMIC SURVEYS ***

0300	260787			SPSV B	SEISMIC SURVEY 01	UWA	39-471N	125-082W	sBLTRO1MV
1455	280787			SPSV E	SEISMIC SURVEY 01	UWA	44-313N	129-152W	sBLTRO1
1630	020887			SPSV B	SEISMIC SURVEY 02	UWA	44-231N	129-527W	sBLTRO1MV
0430	030887			SPSV E	SEISMIC SURVEY 02	UWA	44-110N	129-436W	sBLTRO1MV
0300	120887			SPSV B	SEISMIC SURVEY 03	UWA	44-340N	129-208W	sBLTRO1MV
2200	120887			SPSV E	SEISMIC SURVEY 03	UWA	43-461N	127-308W	sBLTRO1MV

END SAMPLE INDEX