

**REPORT AND INDEX OF  
UNDERWAY MARINE GEOPHYSICAL DATA**

**TUNES EXPEDITION**

**LEG 9**  
=====

**R/V Thomas Washington**

**(Issued March 1992)**

**Majuro, Marshall Islands (3 February 1992)  
to  
San Diego, California (28 February 1992)**

**Chief Scientist:**

**Peter Lonsdale (Scripps Institution of Oceanography)**

**Resident Marine Technician - Seth Mogk**

**Computer Technician - Ron Moe**

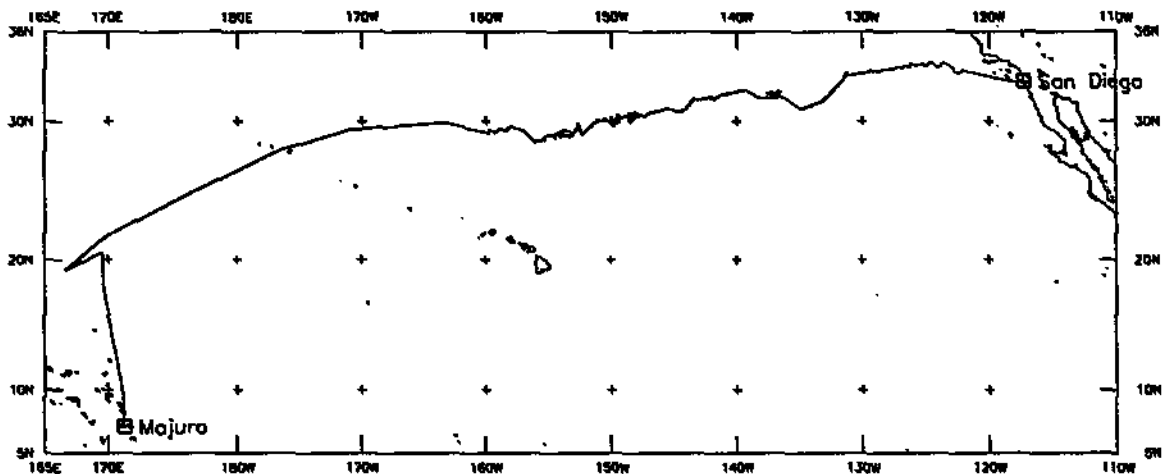
**No Sea Beam/Underway Processor on board**

**Post-Cruise Processing and Report Preparation by the  
Geological Data Center, Scripps Institution of Oceanography  
La Jolla, California 92093**

**Data Collection and Processing Funded by:  
NSF Grant Number OCE91-02183  
Naval Research Laboratory  
University of California General Funds**

**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.  
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Geological Data Center, Scripps Institution of Oceanography,  
La Jolla, California 92093.**

**GDC Cruise I.D.# 254**



TUNES EXPEDITION LEG 9 (TUNEO9WT) R/V T. Washington

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### TUNES EXPEDITION LEG 9

**CHIEF SCIENTIST:** Peter Lonsdale

**Scripps Institution of Oceanography**

**PORTS:** Majuro, Marshall Islands - San Diego, California

**DATES:** 3 - 28 February 1992

**SHIP:** R/V T. Washington

#### TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

**Cruise - 6318 miles**

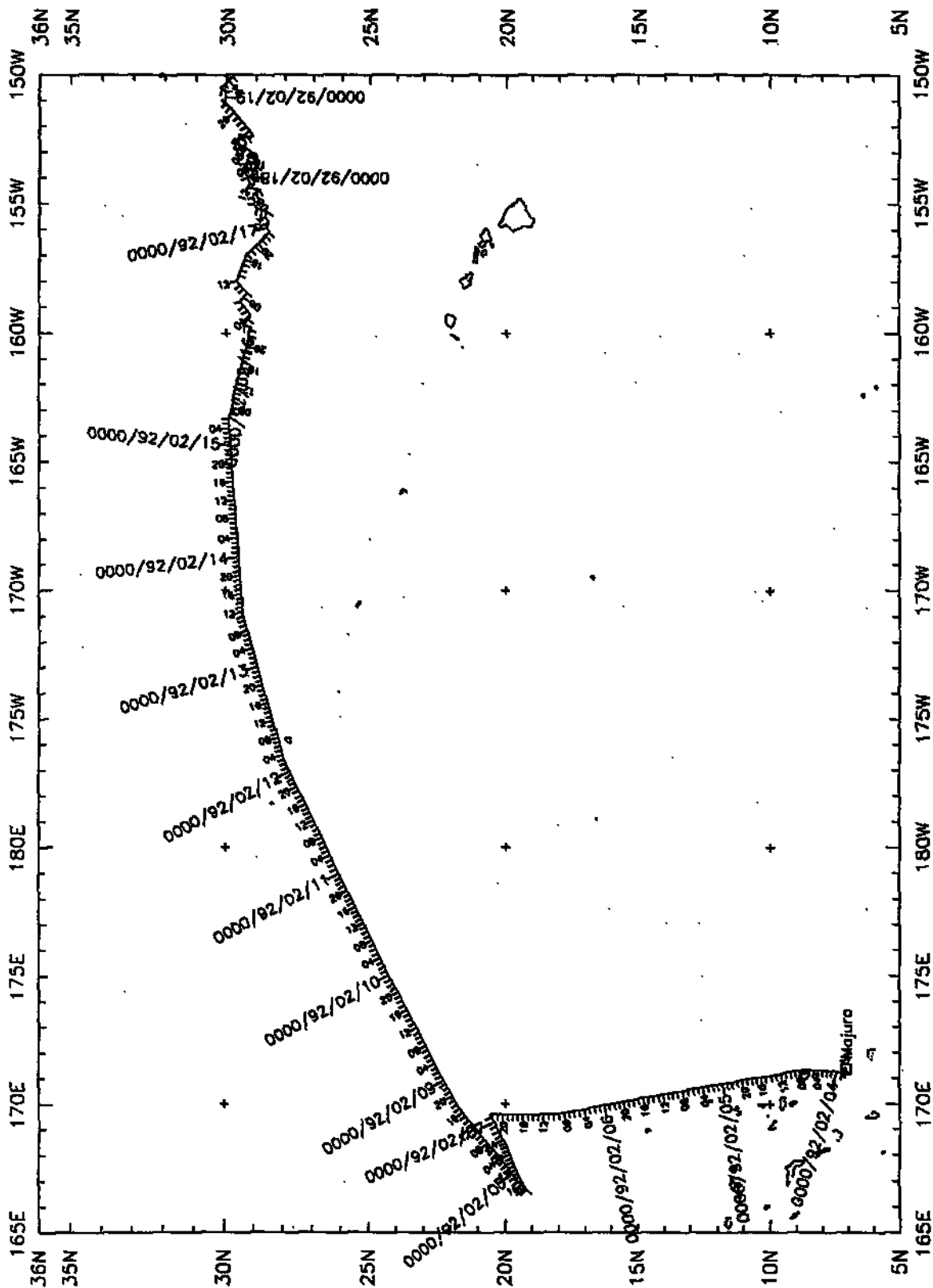
**Magnetics - 5493 miles**

**Bathymetry - 6283 miles**

**Seismic Reflection - 4858 miles**

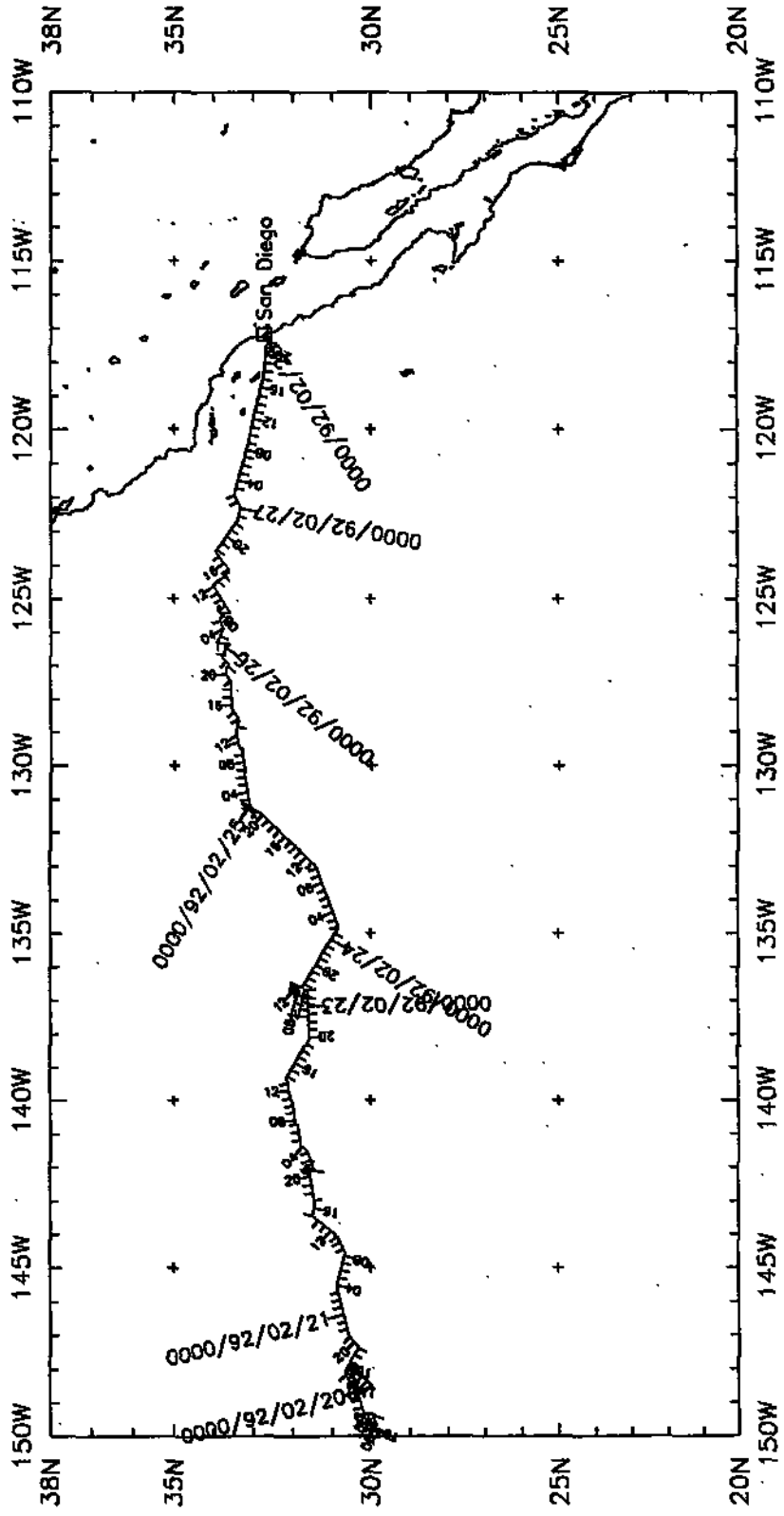
**Sea Beam - 6283 miles**

**Gravity - none collected**



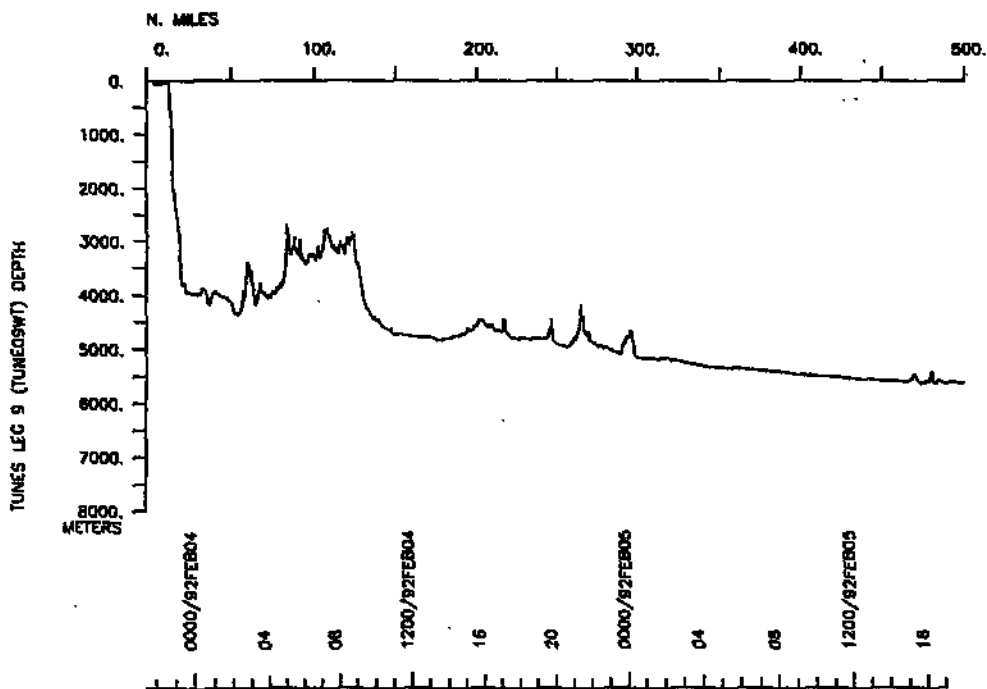
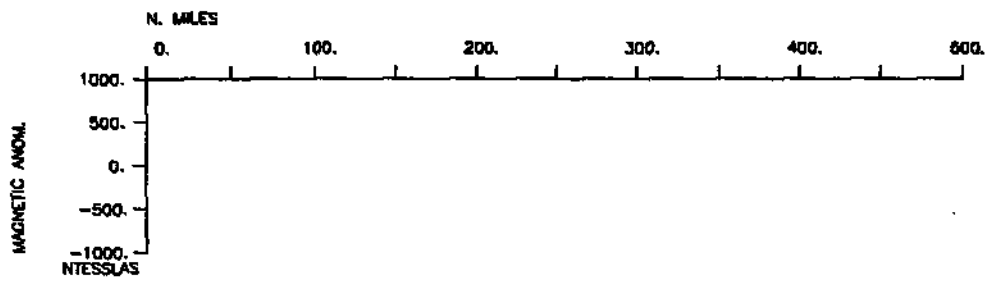
TUNES EXPEDITION Leg 9 (TUNE09WT) (1 of 2)

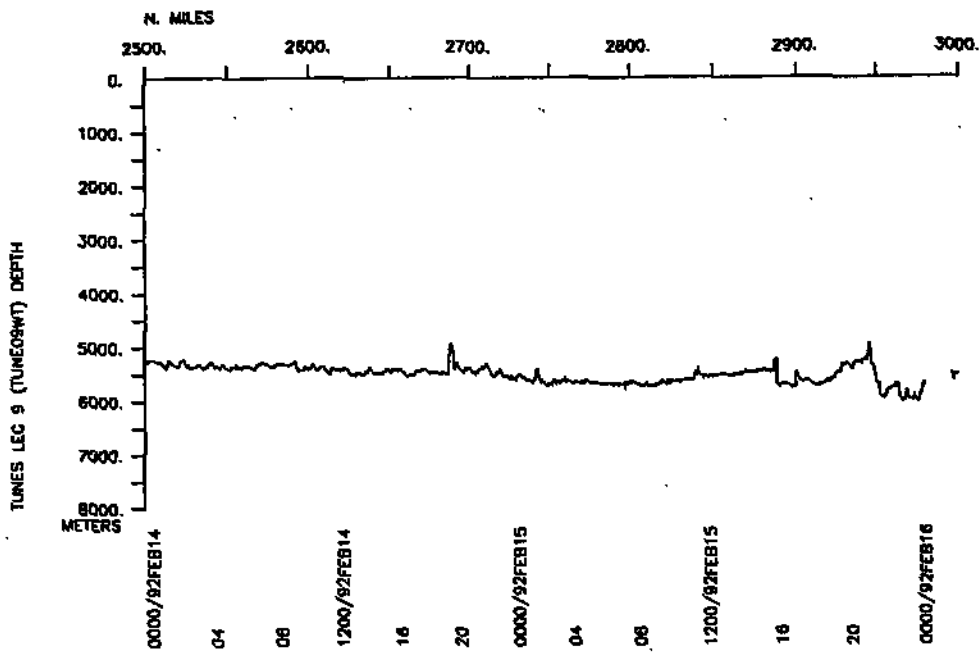
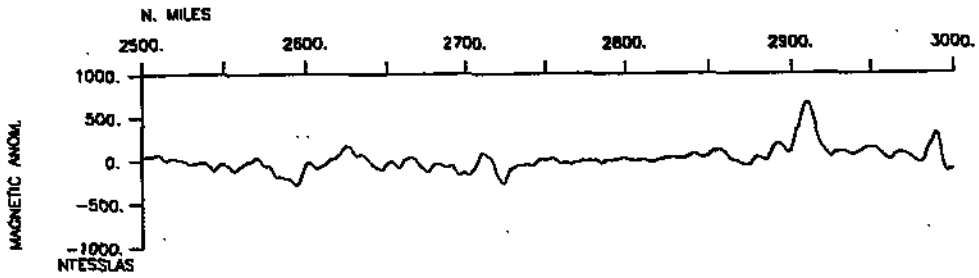
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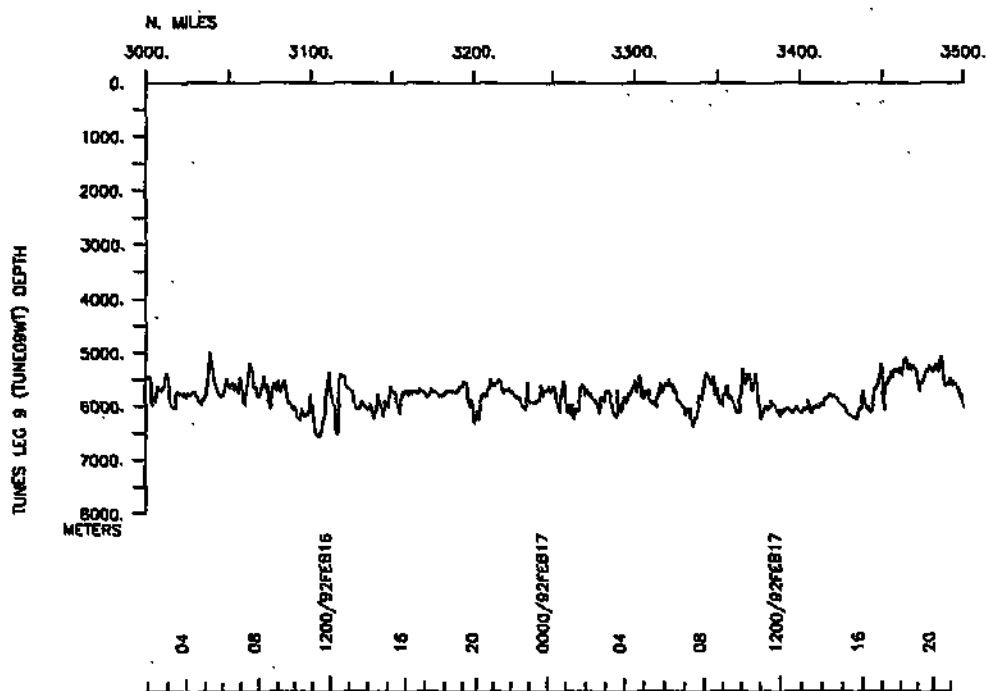
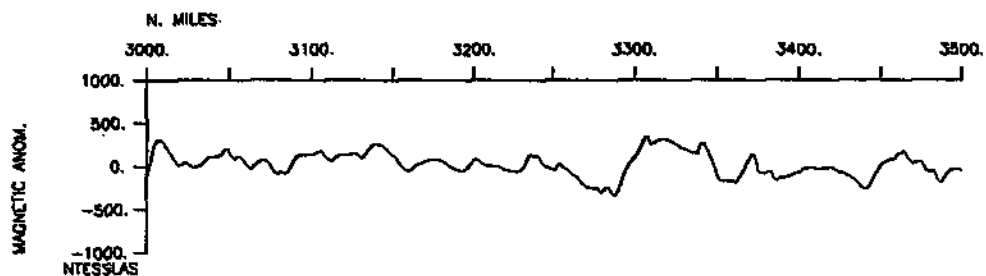


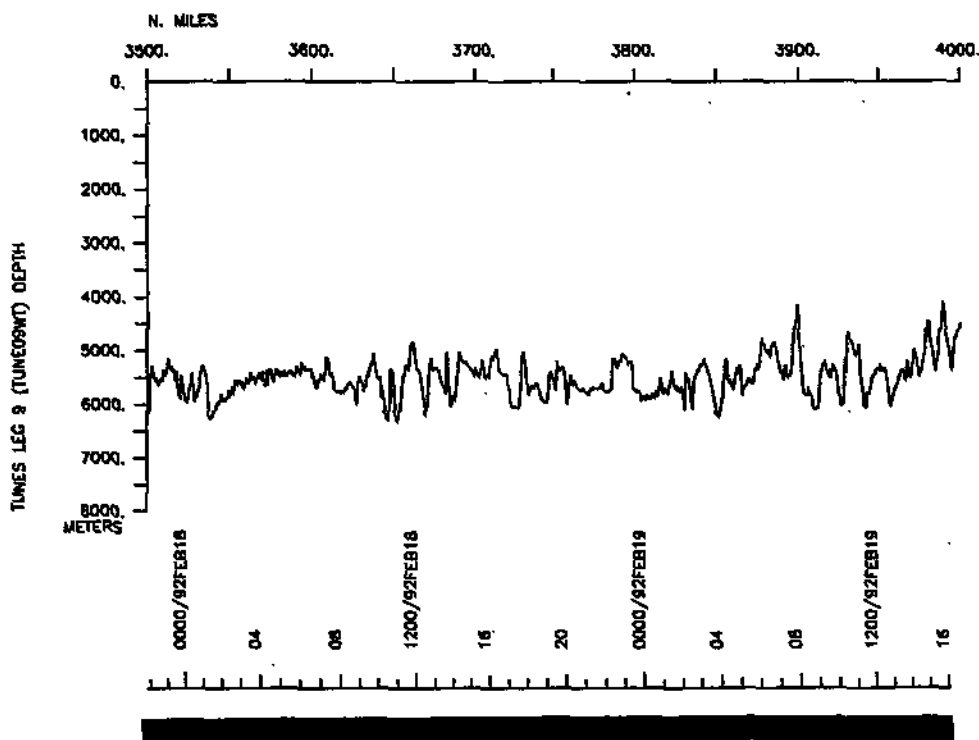
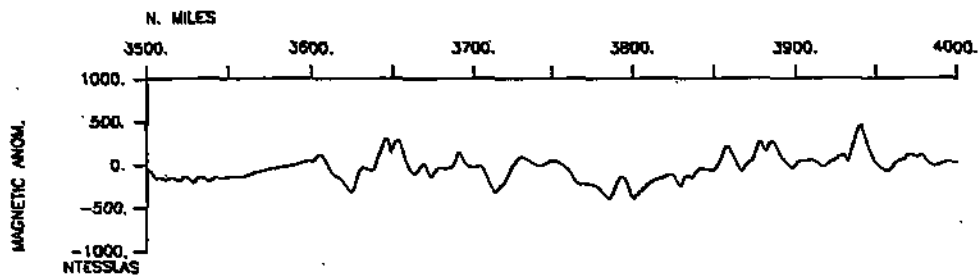
TUNES EXPEDITION Leg 9 (TUNE09WT) (2 of 2)

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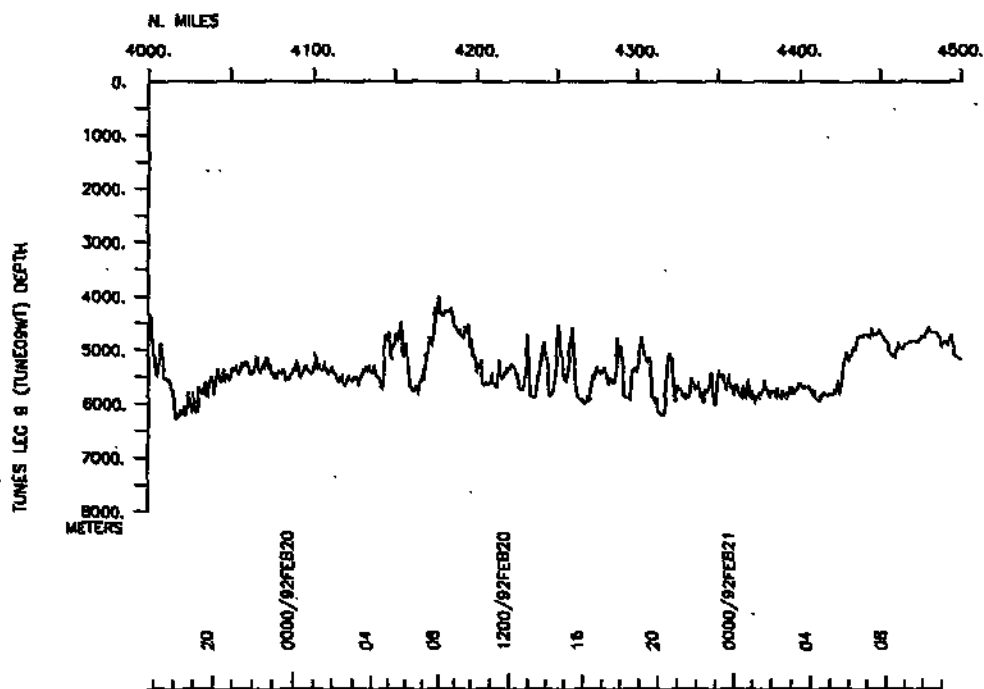
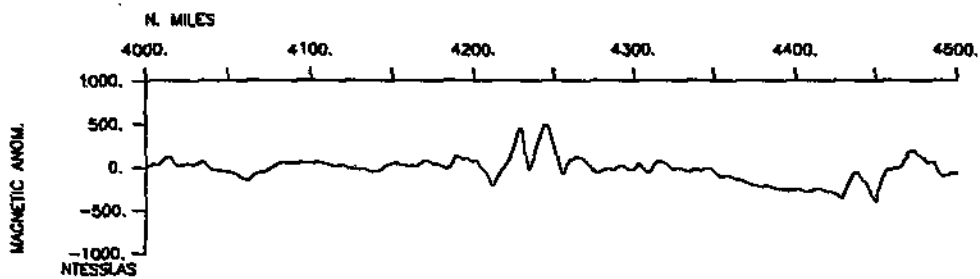












## S.I.O. SAMPLE INDEX

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(Issued March 1992)

### TUNES EXPEDITION

*Leg 9*

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R/V T. Washington

Majuro, Marshall Islands (3 February 1992)  
to  
San Diego, California (28 February 1992)

Chief Scientist:

Peter Lonsdale (Scripps Institution of Oceanography)

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 sea by the resident marine 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 lines. Disposition and sample type are represented by three and four character codes to permit further computer searches on these parameters. (Listings defining these codes are available from the Geological Data Center.)

GDC Cruise I.D.# 254

\*\*\*\* Ports \*\*\*\*

2115	030292	LGPT B	Majuro	07-01 N	171-02 E	FTUNE09WT
0050	280292	LGPT E	San Diego	32-43 N	117-11 W	FTUNE09WT
1820	070292	LGUS B	Wake Island	19-03 N	166-06 E	FTUNE09WT
1950	070292	LGUS E	Wake Island	19-03 N	166-06 E	FTUNE09WT

\*\*\*\* Personnel \*\*\*\*

#	*** Name ***	*** Title ***	*** Affiliation ***	**Crid**
PECS MPL	Lonsdale, P.	Chief Scientist	Scripps Institution	TUNE09WT
PEAT STS	Crampton, P.	Geophysical tech	Scripps Institution	TUNE09WT
PECT STS	Moe, R.	Computer tech	Scripps Institution	TUNE09WT
PERT STS	Mogk, S.	Resident tech	Scripps Institution	TUNE09WT

\*\*\*\* 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.

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

\*\*\*\* Underway Data Curator - S. M. Smith ext. 42752 \*\*\*\*

\*\*\*\* Log Books \*\*\*\*

2151	050292	LBUW B	Underway watch log	GDC 15-523N	170-012E	stTUNE09WT
0810	270292	LBUW E	Underway watch log	GDC 33-099N	120-349W	stTUNE09WT

#GMT #TIME	DDMMYY DATE	LOC TIME	T Z	SAMP CODE	SAMPLE IDENTIFIER	DISP CODE	LAT. (TENTHS OF MINS)	LONG. (TENTHS OF MINS)	CRUISE LEG-SHIP
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\*\*\* Seismic Reflection Records \*\*\*

0220	080292			SPRF B	Watergun (2 s)	R-01	GDC 19-594N	167-373E	sTUNE09WT
0752	270292			SPRF E	Watergun (2 s)	R-01	GDC 33-104N	120-370W	sTUNE09WT
0001	080292			SPRS B	Watergun (4 s)	R-01	GDC 19-444N	167-168E	sTUNE09WT
0700	090292			SPRS E	Watergun (4 s)	R-01	GDC 22-505N	172-058E	sTUNE09WT
2203	250292			SPRS B	Watergun (4 s)	R-02	GDC 33-400N	126-526W	sTUNE09WT
0752	270292			SPRS E	Watergun (4 s)	R-02	GDC 33-104N	120-370W	sTUNE09WT

\*\*\* Thermograph Records \*\*\*

0320	040292			TGRC B	Thermographs 1-21		GDC 8-031N	171-190E	sTUNE09WT
2000	270292			TGRC E	Thermographs 1-21		GDC 32-396N	117-481W	sTUNE09WT

\*\*\* Expendable Bathythermographs \*\*\*

2022	090292			BTXP	xbt 0001 Probe	T-4	GDC 23-582N	174-243E	sTUNE09WT
0448	120292			BTXP	xbt 0002 Probe	T-4	GDC 28-046N	176-168W	sTUNE09WT
0457	120292			BTXP	xbt 0003 Probe	T-4	GDC 28-049N	176-152W	sTUNE09WT
0212	140292			BTXP	xbt 0004 Probe	T-4	GDC 29-355N	168-165W	sTUNE09WT
2214	260292			BTXP	xbt 0006 Probe	T-4	GDC 33-241N	122-431W	sTUNE09WT

\*\*\* End sample index TUNE09WT