

INFORMAL REPORT AND INDEX OF
NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

Issued November 1983

LEGAN EXPEDITION

LEG 1

San Diego, Calif. (23 April 1978)
to
San Diego, Calif. (29 April 1978)
R/V T. Washington

Chief Scientist - A. Yayanos (SIO)

Resident Marine Tech - J. Coatsworth

Post-Cruise Processing and Report Preparation
by S.I.O. Geological Data Center

Data Collection Funded by NSF
Grant Number NSF OCE77-23258
and NSF OCE76-80874
Data Processing funded by SIA and NSF

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.

Cruise I.D.# - 211

Report and index of Navigation and Underway Geophysical Data

Contents:

Index Chart - give track of cruise leg, dates, ports.

Track Charts - annotated with dates and hour ticks.

Profiles - depth, magnetic and gravity free air anomaly vs. distance.

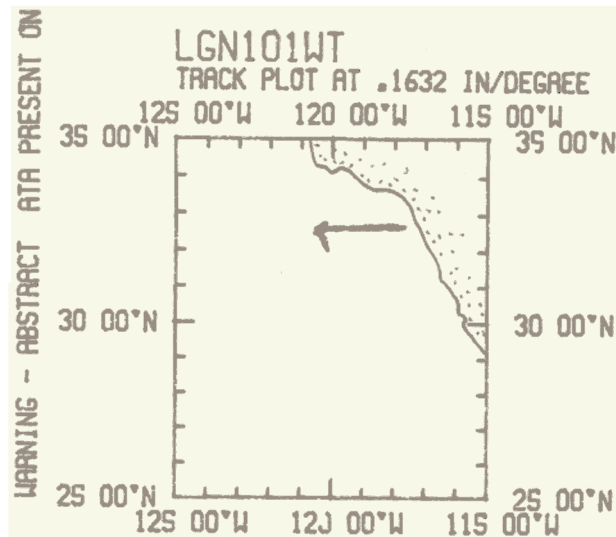
Sample Index - list of begin/end times and positions of all underway records as well as samples and measurements from other disciplines collected on the leg.

Note:

For information on the availability of this current digital data as well as archived digital data contact:

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Rev 05/2002



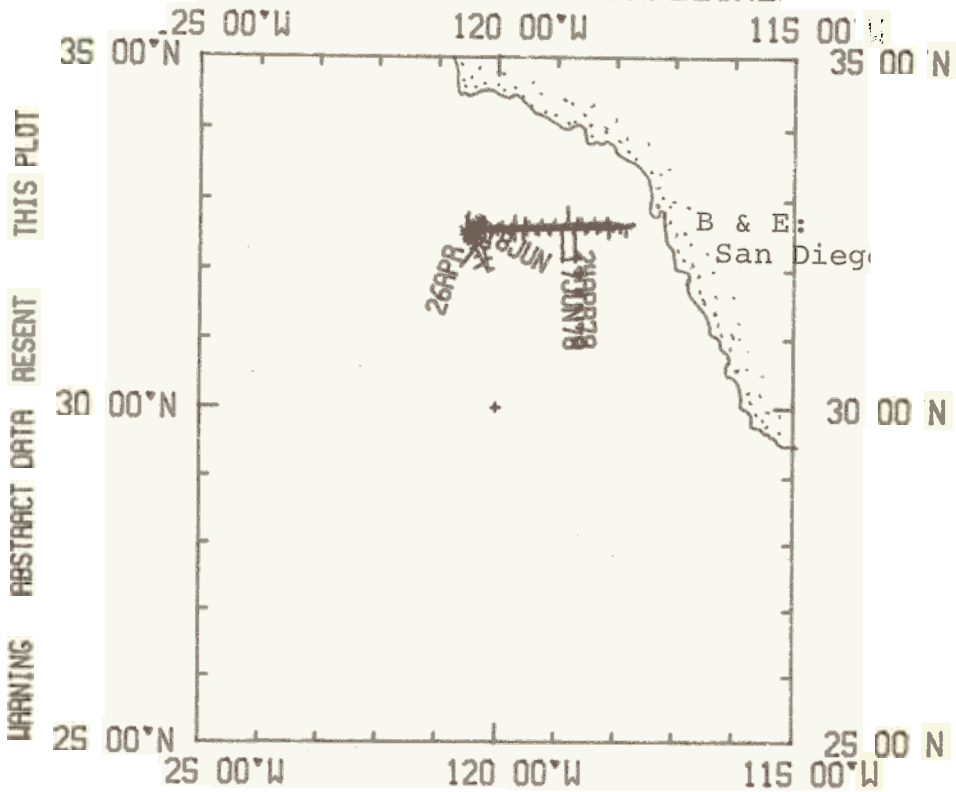
LEGAN EXPEDITION
LEG 1

CHIEF SCIENTIST- A. Yayanos (SIO)
Ports: San Diego - San Diego, Calif.
Dates: 23 - 29 April 1978
Ship: R/V T. Washington

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 487 miles
- 2) Bathymetry - none collected
- 3) Magnetics - none collected
- 4) Seismic Reflection - none collected
- 5) Gravity - none collected

LGN 01WT
TRACK PLOT AT .312 IN/DEGREE



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POSITION DATA SHEET

 CRUISE LAGAN - I VESSEL THOMAS WASHINGTON SHEET 1 OF 2
MARINE BIOLOGY AB. YAYANOS - CH. SCI.
FRT

Date	Time		Latitude	Longitude	Remarks	Initials
	Arrive	Depart				
1978			NORTH	WEST		
4/24	0041	STA #1	32° 34.9'	120° 28.1'	LAUNCH FV PRT "E" SAT DR	W
✓	0215	STA #2	32° 34.7'	120° 28.4'	LAUNCH FVT SAT DR "B"	W
✓	0251	#3	32° 34.7'	120° 28.4'	START H/C SAT DR	W
✓	0542		32° 34.1'	120° 28.0'	END H/C SAT DR	W
"	0910	#5	32° 34.3'	120° 27.6'	LAUNCH FVGR "D"	W
"	0930	#6	32° 34.3'	120° 27.6'	BEGIN H/C HYDROCAST	W
✓	1235		32° 35.2'	120° 26.6'	CAST ABD SAT DR	W
✓	1330		32° 34.4'	120° 26.4'	FV PRT ABD #1	W
✓	1427	STA #7	32° 34.9'	120° 25.2'	LAUNCH FV PRT CHAN E	W
✓	1525	#8	32° 33.1'	120° 25.8'	MIDWATER NET LAUNCH FV MN CHAN N	W
✓	1610	#9	32° 32.6'	120° 25.7'	START H/C	W
✓	1850		32° 33.3'	120° 23.3'	END H/C	W
"	2315	#11	32° 42.6'	120° 12.6'	BEGIN BFT H/C	W
4/25	0915	#13	32° 36.8'	120° 26.4'	DEPLOY FV SL SET LINE	W
"	0945	#16	32° 34.4'	120° 28.0'	GRAVITY CORE H/C	W
✓	1200		32° 34.0'	120° 28.0'	COME ABD	W
✓	1300	#16	32° 34.0'	120° 28.0'	START GAM. CORE	W
✓	1638		32° 36.2'	120° 25.4'	SAT. DR FV SL ABD. STA 13	W
"	2100		32° 36.0'	120° 26.5'	RECOVERED FV PRT #7	W
"	2245	LATE	32° 34.5'	120° 28.7'	LAUNCH FV PRT #20 "E"	W
"	2300		32° 35.7'	120° 29.0'	LAUNCH FVT #21	W
4/24	0345	STA #2	32° 34.6'	120° 26.7'	"B" Channel FVT 06L	W
"	0820		32° 34.8'	120° 26.8'	FVGR #5 RECOVERED	W

(Complete in duplicate)

POSITION DATA SHEET

CRUISE LAGAN-I VESSEL THOMAS WASHINGTON SHEET 2 OF 2

+8ZT

Date	Time		Latitude	Longitude	Remarks	Initials
	Arrive	Depart				
1978			N	W		
4/26	0855		32°35.2'	120°27.2'	DEPLOY FVSL	JMY
✓	1320		32°35.3'	120°28.4'	GRAV. CORE abd	W
✓	1430		32°35.2'	120°27.2'	FVSL Abd.	W
✓	1644		32°34.5'	120°31.0'	F.V. GRAB resp ² -ployed	EG
✓	1945		32°35.2'	120°29.5'	DEPLOY FVSL	JMY
4/27	0440		32°33.7'	120°26.4'	F.V. #20 ABD.	EG
"	0635		32°34.8'	120°27.5'	F.V. #21 ABD.	EG
"	0710		32°34.9'	120°28.2'	F.V. Fish Line ABD	EG
"	0955		32°34.2'	120°25.6'	RECOVER FVMN	JMY
"	1015		32°34.2'	120°25.6'	DEPLOY FVSL	JMY
"	1025		32°34.2'	120°25.6'	BAB SAMPLE H/C	JMY
✓	1352	1435	32°34.1'	120°29.0'	H/C	W
✓	1440		32°34.1'	120°29.0'	START H/C	W
✓	1640		32°33.6'	120°29.5'	Complete H/C	EG
✓	1719		32°34.9'	120°30.3'	F.V. ABD.	EG
✓	1914		32°36.0'	120°31.7'	F.V. LAUNCHED ^{FV PRT} FVSL	EG
✓	2155		32°43.0'	120°14.0'	BENTHIC FISH TRAP H/C	
4/28	0230		32°43.0'	120°15.6'	H/C ABD	W
"	1100		32°34.4'	120°31.0'	FVGR ABOARD	JMY
✓	1200		32°36.0'	120°31.7'	FVPT ABD.	W
✓	1425		32°30.0'	120°19.7'	H/C	W
✓	1650		32°29.8'	120°18.4'	H/C completed	EG
✓	1830		32°29.5'	120°18.0'	Gravity Core	EG

(Complete in duplicate)