### INFORMAL REPORT AND INDEX OF

# NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued November 1983)

#### MANOP EXPEDITION

LEG 6

San Diego, Calif. (1 June 1982) to San Diego, Calif. (4 June 1982) R/V Melville

Chief Scientist - R. Weiss (SIO)

Resident Marine Tech - G. Pillard

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

Data Collection Funded by NSF Grant Number NSF-OCE80-24472 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.

GDC Cruise I.D.# - 198

Only navigation and Sample Index included in this report.

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

#### Contents:

- Index Chart gives track of cruise leg, dates, ports, and mileage of each type of data collected.
- Track Charts annotated with dates (day/month) and hour ticks.

  The scale is .312 in/degree longitude.

- -

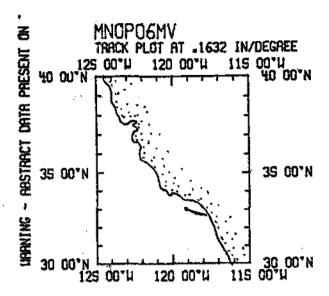
- Profiles depth and magnetic anomaly vs. distance. Dates (day/month) and positions of major course changes (greater than 30 degrees) are annotated. Sections of track having subbottom profiler (airgun) records have a wide black line along the bottom of the profile. Sections having Sea Beam are indicated by a narrow line.
- 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.

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 Compilation plots at the traditional scale of 4"/degree longitude (1:1,000,000) are no longer produced for Sea Beam cruises. Custom plots may be requested of vertical beam (2&2/3 degree beam width) depths retrieved at one minute intervals of ship time.
- 7. Plots of magnetic anomaly profiles along track map scale = 1.2inch/degree, anomaly scale between 15N and 15 S latitude = 500 gamma/inch, anomaly scale north of 15N and south of 15S = 1000 gamma/inch, from values retrieved at approximately 1 mile spacing and regional field removed using the 1980 IGRF.
- 4. Separate time series files of navigation, depth and magnetics of data merged in the MGD77 Exchange format on magnetic tape.
- 5. 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

Rev June 1982 (Ses Beam)

\* Only navigation and Sample Index included in this report.



### MANOP EXPEDITION LEG 6

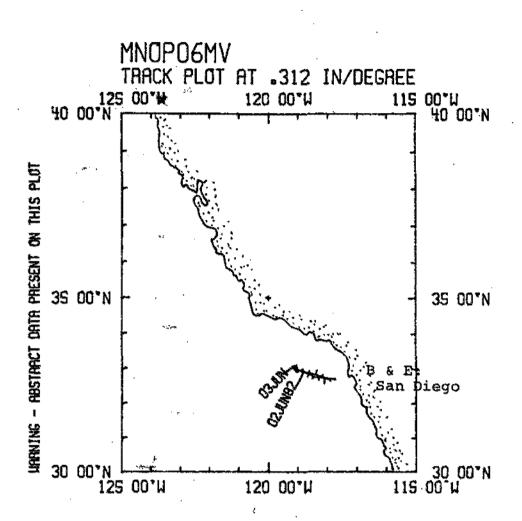
CHIEF SCIENTIST- R. Weiss (SIO)

Ports: San Diego - San Diego, Calif. Dates: 1 -4 June 1982

Ship: R/V Melville

### TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise 185 miles
- 2) Bathymetry none collected 3) Magnetics none collected
- 4) Seismic Reflection none collected
- 5) Gravity none collected



S.I.O. Sample Index (Issued November 1983)

#### MANOP EXPEDITION

Leg 6

San Diego, Calif. (1 June 1982) to San Diego, Calif. (4 June 1982)

R/V Melville

Chief Scientist - R. Weiss (SIO)

Resident Marine Tech - G. Pillard

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

Index Encoding Funded by NSF Grant Number OCE80-22996 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 sea by 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.)

#### \*\*\* CASIS LEG 2 SAMPLE INDEX (OSISO2MV) \*\*\* 60E 120E 180 120W 60W OW 85N "X" = SHIP'S TRACK BY 5 DEGREE SOUARE 85N BON 0000 8 ON 75N 0 0 00000 00000000000 75N 00000000000000 70N 0000 0 00 0 00000000 70N 65N 0000 00 00000000 00 0000 65N 60N 00000000000000000 DO กก 60N 55N 00000000 O 000 0 55N 50N 000000000 . 0000 00 50N 45N 000000000000000000 45N 40N (000000000000 40N 35N 000000000 0 35N 30N 00U 00000000000000000000 00000000 00 30N 25N 0000000000 000000000000000 0000 0 000 25N 20N 0000000 0000 000 00000 0 OΧ 00 000 20N 15N 00000000 00 00 0 00 0 000 15N 10N 000000000 0 O 0 0 000 10N 0000000000 00000 5 N O 000 5N ON 0000000 00 00 000000 ON 55 000000 00000 0000000 55 105 10000 n on 00000000 105 155 anana 0000000 0 0 155 205 000000 0 00000 ന്താരാ 205 255 0000 0000000 000000 255 305 DO 00000000 0000 305 355 nn 000 000 0 00000 355 405 oo o 00 n 405 45\$ O) 45S 0 505 00 505 555 Π 55\$ 605 608 655 705 OD 0000000000 0 705 0000000000 755 U000000 80S

02MAY82 - MAZATLAN, MEXICO

120W

180

19MAY82 - SAN DIEGO, CALIF.

CHIEF SCIENTIST - HESSLER,R. MBD

SHIP - R/V MELVILLE (S10)

120E

60E

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

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

DISP		T	YPE	TOTAL		
		CO	PE			
	-m-	··· ··· ··· ···	<del></del>		***	
CLU	I		1	I	1	
FNC	1		1	1	1	
OBM	I		3	1	3	
MTG	I		2	Ţ	2	
SIG	I	2		I	2	
SIO	1		2	I	2	
SIX	I		10	I	10	
UCS	1		. 6	I	6	
MHO	I		4	1	4	
						7000
TOTAL	1	2	29	1	31	

SAMPLE - 'TYPE' CODES USED ABOVE

CO # CORE

PE = PERSONNEL IN SCIENTIFIC PARTY

SAMPLE - 'UISP' CODES USED ABOVE

CLU = CORNELL UNIVERSITY, ITHACA, N.Y.

FNC = FRANCE

= MARINE BIOLOGY RESEARCH DIVISION LEXT. 4245)

= MARINE TECHNOLOGY GROUP (EXT 4194) MTG

SIG = SAMPLE INDEX INFORMATION-CONTACT GDC 2752-GINNY PSAROPULOS

= SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA, CAL. 92093 = SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT U. UTTER (EXT.3675) SIU

SIX

**UCS** = UNIV. CALIF. SANTA BARBARA

WHO - WOUDS HOLE OCEANUGRAPHIC INSTITUTION

17NDV83 PAGE LÜNG. GMT D /M /Y LOC LOC CODE CODE TIME DATE TIME TI SAMP DISP CRUISE DASIS LEG 2 SAMPLE INDEX OSISO2MV \*\*\* PURTS \*\*\* 2306 02/05/82 LGPT B MAZATIAN, MEXICO 23 12. N 106 26. W F NSISO2MV 1344 19/05/82 LGPT E SAN DI FGO, CALIF. 32 43. N 117 11. W F DSISO2MV \*\*\*PERSONNEL \*\*\* \*\*\* NAME \*\*\* TITLE \*\*\* AFFILIATION SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093 1 HESSLER .R. CHIEF SCIENTIST SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA RESIDENT TECH COMPUTER TECH BOAZ .J. UNIV. CALIF. SANTA BARBARA HODDS HOLE OCEANOGRAPHIC INSTITUTION LAB TECH ARP. I. SCIENTIST RERG. C 6 CALVARIU.M. **OBSERVER** SCIENTIST UNIV. CALIF. SANTA PARBARA 7 CHILDRESS.J. COLGIN.C. PURLIC RELATIONS

SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JULLA CAL. 92093 SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675) MEXICAN DESERVER CONTRATES.J. UNIV. CALIF. SANTA BARRARA
SCRIPPS INSTITUTION OF OCEANDGRAPHY. LA JOLLA CAL. 92093
SCRIPPS INSTITUTION MON-EMPLOYEE - CONTACT O. UTTER (EXT.3675) 10 DE BEVOISE.A. GRAD. STUDENT DEV. TECH MEX. FILM CREW EDELMA, J. 12 ESTRADA, L. MARINE TECH TECHNICIAN UNIV. CALIF. SANTA BARRARA UNIV. CALIF. SANTA BARBARA FAVUZZI.J. FISHER,C. 15 FORD, L. PHOTOGRAPHER SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093 TECHNICIAN SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT O. UTTER (EXT.3675) 16 GRAD INER.S. WOODS HOLE OCEANOGRAPHIC INSTITUTION
SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675)
SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675) TECHNICIAN 17 GRASSLE,J. JONES.M. CURATOR -SMIT +SON. 18 19 KLEINSCHMINT.M. VOLUNT FER TECHNICIAN UNIV. CALIF. SANTA BARBARA
RUTGERS SCIENTIST SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) 20 LOWELL .W. 21 LUTA,R. SCRIPPS INSTITUTION NON-EMPLOYER - CONTACT D. UTTER (EXT. 3675) 22 MALD(NADO.C. MEX. FILM CREW 23 ROESI JAUI, G. SCIENTIST-0.P. LAB SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) SCIENTIST FRANCE 24 ROUX,M. 25 SANCHEZ.A. MEX.FILM CREW SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675) 26 SANDERS,H. SCIENTIST WOODS HOLE OCE MOGRAPHIC INSTITUTION 27 SMITHEY.W. STAFF RES. ASOC. SCRIPPS INSTITUTION OF OCEANOGRAPHY. LA JOLLA CAL. 92093 . CORNELL: UNIVERSITY, ITHACA, N.Y. 28 VAN DEVER,C. **TECHNICIAN** TECHNICIAN WOODS HOLE OCEANOGRAPHIC INSTITUTION 29 WILLIAMS.I.

\*\*\*NOTES\*\*\*

AN 'X' IN THE (B)EGIN/(F)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO SAMPLE OR DATA RECOVERED.

A 'C' INDICATES CONTINUATION OF DATA COLLECTION FROM REFURE THE BEGINNING OR AFTER THE END OF THIS LEG.

(MOUNED BOTTOM INSTRUMENTS, FOR EXAMPLE).

THE NUMBER APPEARING IN THE COLUMNS BETWEEN THE SAMPLE IDENTIFIER AND THE DISPUSITION CODE, FOR MANY SAMPLE ENTRIES, IS THE WATER DEPTH IN CORRECTED METERS.

GMT D /M /Y LOC LOC CODE SAMPLE IDENT. CODE LAT. WING. LEG-SHIP TIME DATE TIME TZ SAMP DISP CRUISE

\*\*\*GRAVITY CORES\*\*\*

0152 03/05/82 0347 03/05/82 COGV GRAVITY CORE

SIG 20 59.5N 109 27.7W S GS1SO2MV SIG 20 59.5N 109 27.9W S GSISO2MV

99 END SAMPLE INDEX

OSI SOZMV

#### INFORMAL REPORT AND INDEX OF

## NAVIGATION, DEPTH, MAGNETIC AND SUBBOTTOM PROFILER DATA

(Issued November 1983)

### OASIS EXPEDITION

LEG 1

San Diego, Calif. (13 April 1982) to Mazatlan, Mexico (28 April 1982) R/V Melville

Chief Scientist - R. Hessler (SIO)

Resident Marine Tech - J. Boaz

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

Data Collection Funded by NSF Grant Number NSF-OCE80-24472 Data Processing funded by SIA and NSF

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GDC Cruise I.D.# - 197

Only navigation and Sample Index included in this report.

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cruise leg.

by a narrow line.

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

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3. Plots of magnetic anomaly profiles along track - map scale = 1.2inch/degree, anomaly scale between 15N and 15 S latitude = 500 gamma/inch, anomaly scale north of 15N and south of 15S = 1000 gamma/inch, from values retrieved at approximately 1 mile spacing and regional

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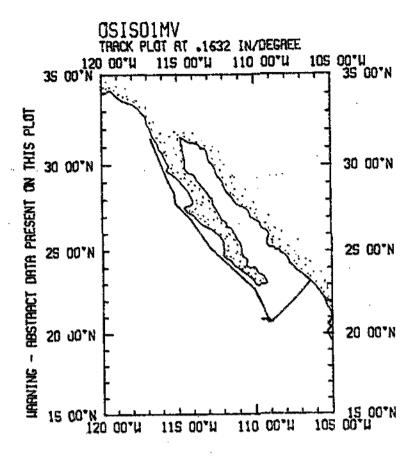
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- d. Underway data log

Rev June 1982 (Sea Beam)

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# OASIS EXPEDITION LEG 1

CHIEF SCIENTIST- R. Hessler (SIO)
Ports: San Diego, Calif. - Mazatlan, Mexico
Dates: 13 - 28 April 1982
Ship: R/V Melville

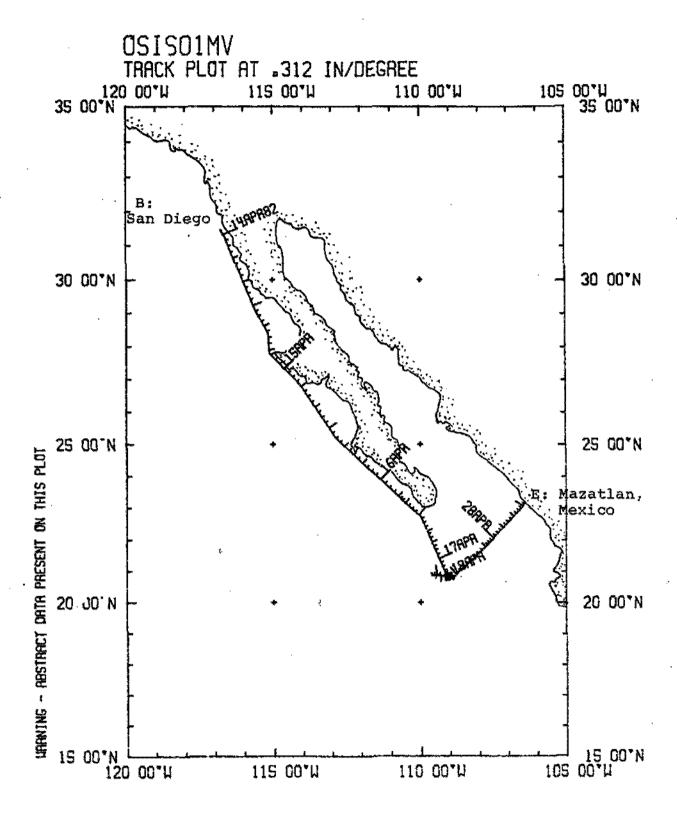
TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

1) Cruise - 1444 miles

2) Bathymetry - none collected 3) Magnetics - none collected

4) Seismic Reflection - none collected

5) Gravity - none collected



S.I.O. Sample Index (Issued November 1983)

OASIS EXPEDITION

Leg 1

San Diego, Calif. (13 April 1982) to Mazatlan, Mexico (28 April 1982)

R/V Melville

Chief Scientist - R. Hessler (SIO)

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#### DASIS LEG 1 SAMPLE INDEX (OSISOTMV) \*\*\* 60E 120E 180 120W 60W OW 'X' = SHIP'S TRACK BY 5 DEGREE SQUARE 85N 85N 80N 0000 80N 0 75N 0 00000 000000000000 75N 00000000000000 0000 0 00 0 70N 00000000 7 DN ້ ວັດບັດດີດີດີດີດ ດູບ ດອດດດ ŌΟ 65N 65N 0000000000000000 60N 6 ON 0000000 55N 000 0 OΠ Π 55N 000000000 0000 50N UO 50N 45N 45N 000000000000 40N 4 ON 0 00000 00000000000000 n 000000000 35N 0 35N 000000000000000000 30N 000 00000000 00 30N 25N 000000000 0000000000000 0000 0 000 25N 20N 0000000 0000 000 00000 D XO. DO 000 20N 15N 000000000 NO 0 UΘ 00 000 15N 10N 000000000 O 0 O 000 10N 5N 0000000000 0 00000 000 5 N 0000000 00 no 00 0000 ON ON 55 000000 00000 0000000 105 60000 П 00 υσοσόσυ οσ 105 155 000000nnnnnnn 155 0 0 205 000000 0 00000 (000000 205 0000 0 0000000 000000 255 255 305 308 00000000 UO (000) 00000 00 355 00 000 0 355 000405 00 0 405 455 0) 0 455 505 00 505 555 n 555 605 605 655 00 00000000000 Đ 705 00000 0000 758 0000000 805 905 .. 608 120E 120W 180 4 13APR82 SAN DIEGO. CALIF. 28 AP R8 2 MAZATLAN, MEXICO

SHIP - R/V MEL VILLE (S 10)

CHIEF SCIENTIST -

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

HESSLER.R.

MBR

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

DISP		TYPE		TOTAL		
• • •		CO	PE			
				· +·· +··		
CLU	I	•	1	I	1	
FNC	1		2	Ţ	2	
GCR	I	4		I	4	
MBD	I		2	I	2	
MTG	I		2 2 1	I	2 2 1	
\$10	1		1	I	1	
SIX	I		10	I	10	
UCS	1		6	I	6	
WHO	I		5	I	5	
MBR	3		1	I	1	
						<del>- m</del> -
TOTAL	1	4	30	1	34	

# SAMPLE 'TYPE' CODES USED ABOVE

CO = CURE

PE = PERSONNEL IN SCIENTIFIC PARTY

## SAMPLE 'DISP' CODES USED ABOVE

CLU = CORNELL UNIVERSITY, ITHACA, N. Y.

FNC

= GEOLOGICAL CURATING FACILITY -- W. RIEDEL, (EXT. 4386) = MARINE BIOLOGY RESEARCH DIVISION (EXT. 4245)

MBD

\$10

= MARINE TECHNOLOGY GROUP (EXT 4194)
= SCRIPPS INSTITUTION OF OCEANO (RAPHY, LA JOLLA, CAL. 92093
= SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) SIX

= UNIV. CALIF. SANTA BARBARA UCS

WHU = WOODS HOLE OCEANOGRAPHIC INSTITUTION

-17NOV83 PAGE GMT D /M /Y LUC LOC CODE SAMPLE IDENT. UNG. LEG-SHIP COOK LAT. TIME DATE TIME T7 SAMP DISP CRUISE DASIS LEG 1 SAMPLE INDEX n S I SO IMV

\*\*\* PUKTS \*\*\*

1600 13/ 4/82

LGPT B SAN DI EGO. CALIF.

32 43. N 117 11. W F OSISOIMV 23 12. N 106 26. W F OSISOIMV

\*\*\*PFKSUNNEL\*\*\*

\*\*\* NAME \*\*\*

\*\*\* TITLE \*\*\*

\*\*\* AFFILIATION \*\*\*

HESSLER ,R . CHIEF SCIENTIST SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA CAL. 92093 SCRIPPS INSTITUTION OF OCEANOGRAPHY. LA JILLA RESIDENT TECH 2 HOAZ, J. CAL. 92093 SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JOLLA 3 MODRE.M. COMPUTER TECH CAL. 92093 UNIV. CALIF. SANTA BARBARA SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) ARP,A. LAR TECH BEGLEY . S. NEWSWEEK KEPIRTER SCIENTIST WOODS HOLE OCEANOGRAPHIC INSTITUTION 6 BERG, C. CALVARIO.M. MEXICAN OBSEKVER SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) CHILDRESS.J. UNIV. CALIF. SANTA BARBARA SCRIPPS INSTITUTION OF OCEANOGRAPHY, LA JULLA CAL. 92093 SCIENTIST Я PUBLIC RELATIONS 9 COLGANIC. MEXICAN DBSERVER SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT O. UTTER (EXT.3675) 10 CONTRERAS.J. WOODS HOLE OCEANOGRAPHIC INSTITUTION
SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) CULLEN, V. PURLIC RELATIONS L.A. TIMES REPORT. 12 DEMBART.L. L3 DINET,A. SCIENTIST FRANCE DEV. TECH. MARINE TECH SCRIPPS INSTITUTION OF OCEAMOGRAPHY, LA JOLLA CAL. 92093 UNIV. CALIF. SANTA BARBARA EDELMAN,J. FAVUIZI.J. UNIV. CALIF. SANTA BARBARA FRANCE TECHNI CIAN 16 FISHER.C. 17 GAILL .F. SCIENTIST 18 GIANNESCHI,D. CAS REPORTER SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) 19 GRASILE,J. WOODS HILE OCEANOGRAPHIC INSTITUTION SCIENTIST KLEIN SCHMIDT.M. VOLUNT EER SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT O. UTTER (EXT. 3675) LOWELL,W. TECHNICIAN UNIV. CALIF. SANTA BAKRARA SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675)
SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675) RUTGERS SCIENTIST CBS REPORTER LUTZ.R. 22 MANNES,E. 24 MILLS,S. TECHNICIAN WOODS HOLE OCEANOGRAPHIC INSTITUTION TECHNICIAN UNIV. CALIF. SANTA BARBARA SCIENTIST B.P.LAB SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT.3675) 25 PRICE,M. 26 ROESIJAUI,G. 27 SANDERS,H. SCIENTI ST WOODS HOLE OCE MOGRAPHIC INSTITUTION STAFF RES. ASSOC. SCRIPPS INSTITUTION OF OCEANUGRAPHY, LA JOLLA CAL. 92093 28 SMITHEY.W. N.Y.TIMES REPORT. SCRIPPS INSTITUTION NON-EMPLOYEE - CONTACT D. UTTER (EXT. 3675)
TECHNICIAN CORNELL UNIVERSITY, ITHACA, N.Y. SULL IVAN .W. 20 30 VAN DOVER,C.

\*\*\*NOTES\*\*\* AN 'X' IN THE (B)EGIN/(F)ND COLUMN FOLLOWING THE SAMPLE CODE INDICATES NO SAMPLE OR DATA RECOVERED.

A 'C' INDICATES CONTINUATION OF DATA COLLECTION FROM REFURE THE BEGINNING OR AFTER THE END OF THIS LEG.

(MICHED BUTTOM 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 D /M /Y	LOC FOC	CODE	SAMPLE IDENT.	CODE	-)7NOV83 PAGE	2 LEG-SHIP
TIME DATE	TIME TZ	SAMP		DISP	•	CRUI SE

\*\*\*\* GRAVITY CORES \*\*\*\* CURATOR - W. RIEDEL EXT. 4386

0819 23/ 4/82 1149 23/ 4/82		RAVITY CORE	GCR 20 52.9N 109 GCR 20 53.9N 109	32.9W S OSISOLMV 25.6W S OSISOLMV
0627 27/ 4/82 1003 27/ 4/82				52.6W S 051501MV 50.5W S 051501MV
0010	END SA	AMDIG THMCV	<b>-</b>	UELEUIMA