

INFORMAL REPORT OF NAVIGATION AND SAMPLE INDEX FOR

HYDROS EXPEDITION

LEG 7

=====

R/V Melville

(Issued April 1990)

Woods Hole, Massachusetts (30 June 1989)
to
Miami, Florida (10 July 1989)

Chief Scientist - F. Spiess (SIO)

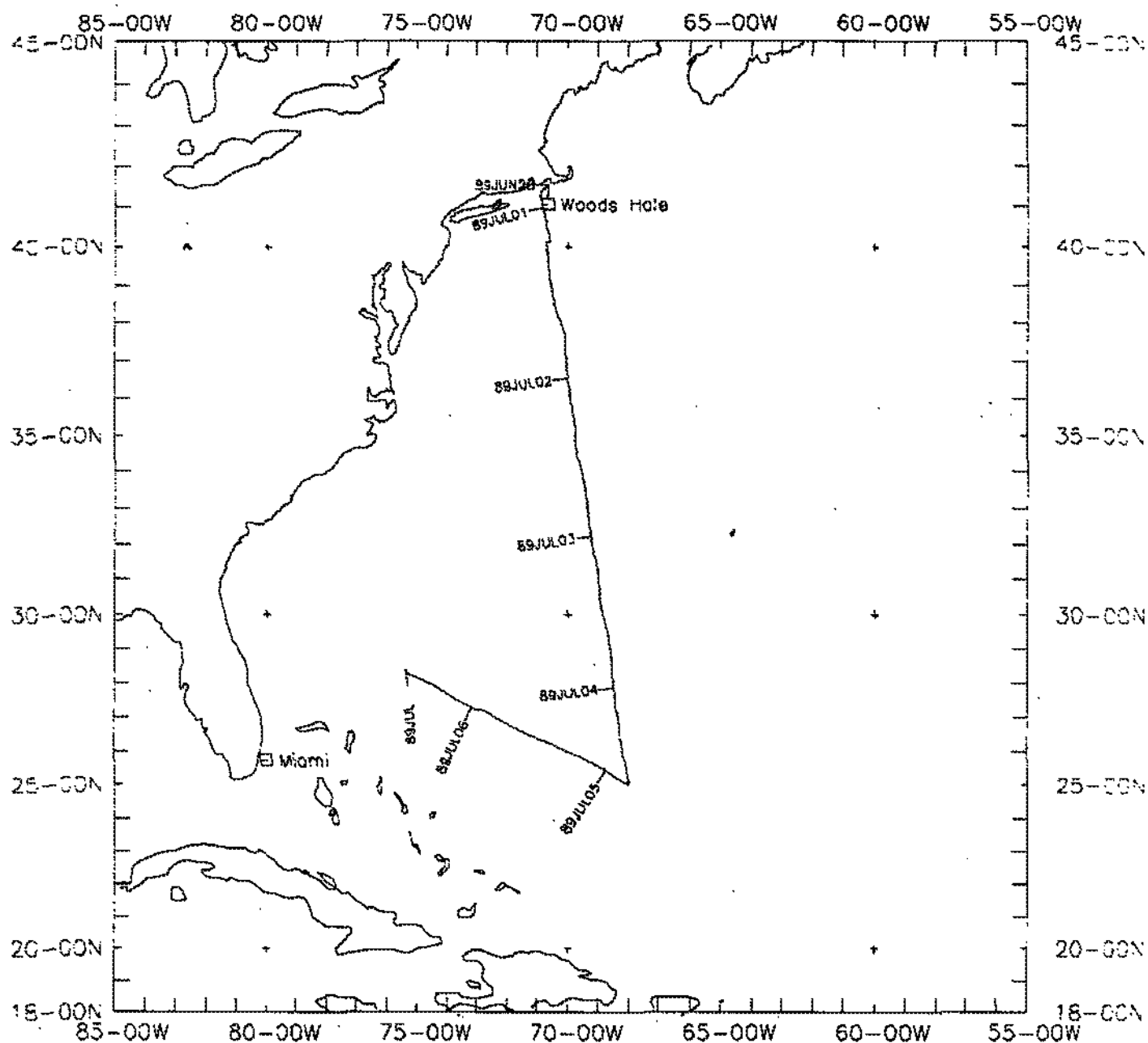
Resident Marine Technician - E. Pillard

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

Data Collection and Processing Funded by ONR
Navy-0009

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.# 244



HYDROS EXPEDITION LEG 7

CHIEF SCIENTIST: F. Spiess (SIO)
 PORTS: Woods Hole - Miami, Florida
 DATES: 30 June - 10 July 1989
 SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 1896 miles
- 2) Bathymetry - none collected
- 3) Magnetics - none collected
- 4) Seismic Reflection - none collected
- 5) Gravity - none collected

S.I.O. SAMPLE INDEX

(Issued April 1990)

HYDROS EXPEDITION

Leg 7

=====

R/V Melville

Woods Hole, Massachusetts (30 June 1989)
to
Miami, Florida (10 July 1989)

Chief Scientist - F. Spiess

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.# 244

****PORTS****

| | | | | |
|-------------|--------------------------|---------|---------|-----------|
| 1948 300689 | LGPT B WOODS HOLE, MASS. | 41-31 N | 70-40 W | fHYDRO7MV |
| 2000 100789 | LGPT E MIAMI, FLORIDA | 25-47 N | 80-11 W | fHYDRO7MV |

****PERSONNEL****

| # | ***NAME*** | ***TITLE*** | ***AFFILIATION*** | **CRID** |
|----------|----------------|-----------------|---------------------|----------|
| PECS MPL | SPIESS, DR. F. | CHIEF SCIENTIST | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP MPL | AUSTIN, G. | DEV. TECH. | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP MPL | BOBBITT, A. | RESEARCH ASSOC | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP MPL | BOEGEMAN, T. | PR. DEV. ENG. | SCRIPPS INSTITUTION | HYDRO7MV |
| PERT STS | BOAZ, J. | MARINE TECH | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP MPL | KRAUS, T. | TECHNICIAN | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP MPL | LAWHEAD, R. | PROGRAMMER | SCRIPPS INSTITUTION | HYDRO7MV |
| PECT STS | MOE, R. | COMPUTER TECH. | SCRIPPS INSTITUTION | HYDRO7MV |
| PESP SIX | PATTEE, W. | SCIENTIST | JOHNS HOPKINS UNIV. | HYDRO7MV |
| PERT STS | PILLARD, E. | RESIDENT TECH. | SCRIPPS INSTITUTION | HYDRO7MV |

****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 |

**** LOG BOOK ****

| | | | | |
|-------------|----------------------------|-------------|---------|-----------|
| 1950 300689 | LBST B OPERATIONS LOG BOOK | MPL 41-306N | 70-412W | sHYDRO7MV |
| 1657 090789 | LBST E OPERATIONS LOG BOOK | MPL 27-436N | 75-460W | sHYDRO7MV |

**** DRILL HOLES ****

| | | | | |
|-------------|----------------------------|-------------|---------|-----------|
| 2305 060789 | DHST B HOLE 534A THRUSTER | MPL 28-207N | 75-232W | sHYDRO7MV |
| 1145 070789 | DHST E AND CAMERA | MPL 28-205N | 75-220W | sHYDRO7MV |
| 0138 090789 | DHST B HOLE 534A THRUSTER | MPL 28-204N | 75-232W | sHYDRO7MV |
| 1257 090789 | DHST E CAMERA, CALIPER LOG | MPL 28-197N | 75-254W | sHYDRO7MV |

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

*** EXPENDABLE BATHYTHERMOGRAPHS ***

| | | | | | | | | |
|------|--------|--|------|--------------------|-----|---------|----------|-----------|
| 1217 | 010789 | | BTXP | XBT 0001 PROBE T-4 | GDC | 38-448N | 070-299W | fHYDRO7MV |
| 1227 | 010789 | | BTXP | XBT 0002 PROBE T-4 | GDC | 38-430N | 070-295W | fHYDRO7MV |
| 1213 | 020789 | | BTXP | XBT 0003 PROBE T-4 | GDC | 34-145N | 069-380W | fHYDRO7MV |
| 1203 | 030789 | | BTXP | XBT 0004 PROBE T-4 | GDC | 30-023N | 068-532W | fHYDRO7MV |
| 1207 | 040789 | | BTXP | XBT 0005 PROBE T-4 | GDC | 25-428N | 068-093W | fHYDRO7MV |
| 1209 | 050789 | | BTXP | XBT 0006 PROBE T-4 | GDC | 26-240N | 071-018W | fHYDRO7MV |
| 1203 | 060789 | | BTXP | XBT 0007 PROBE T-4 | GDC | 28-214N | 075-235W | fHYDRO7MV |
| 1229 | 070789 | | BTXP | XBT 0008 PROBE T-4 | GDC | 28-204N | 075-216W | fHYDRO7MV |
| 1327 | 090789 | | BTXP | XBT 0009 PROBE T-4 | GDC | 28-166N | 075-266W | fHYDRO7MV |

END SAMPLE INDEX