

INFORMAL REPORT OF NAVIGATION AND SAMPLE INDEX FOR

HYDROS EXPEDITION

LEG 10

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R/V Melville

(Issued April 1990)

Miami, Florida (1 September 1989)
to
Miami, Florida (10 September 1989)

Co-Chief Scientists - F. Spiess (SIO)

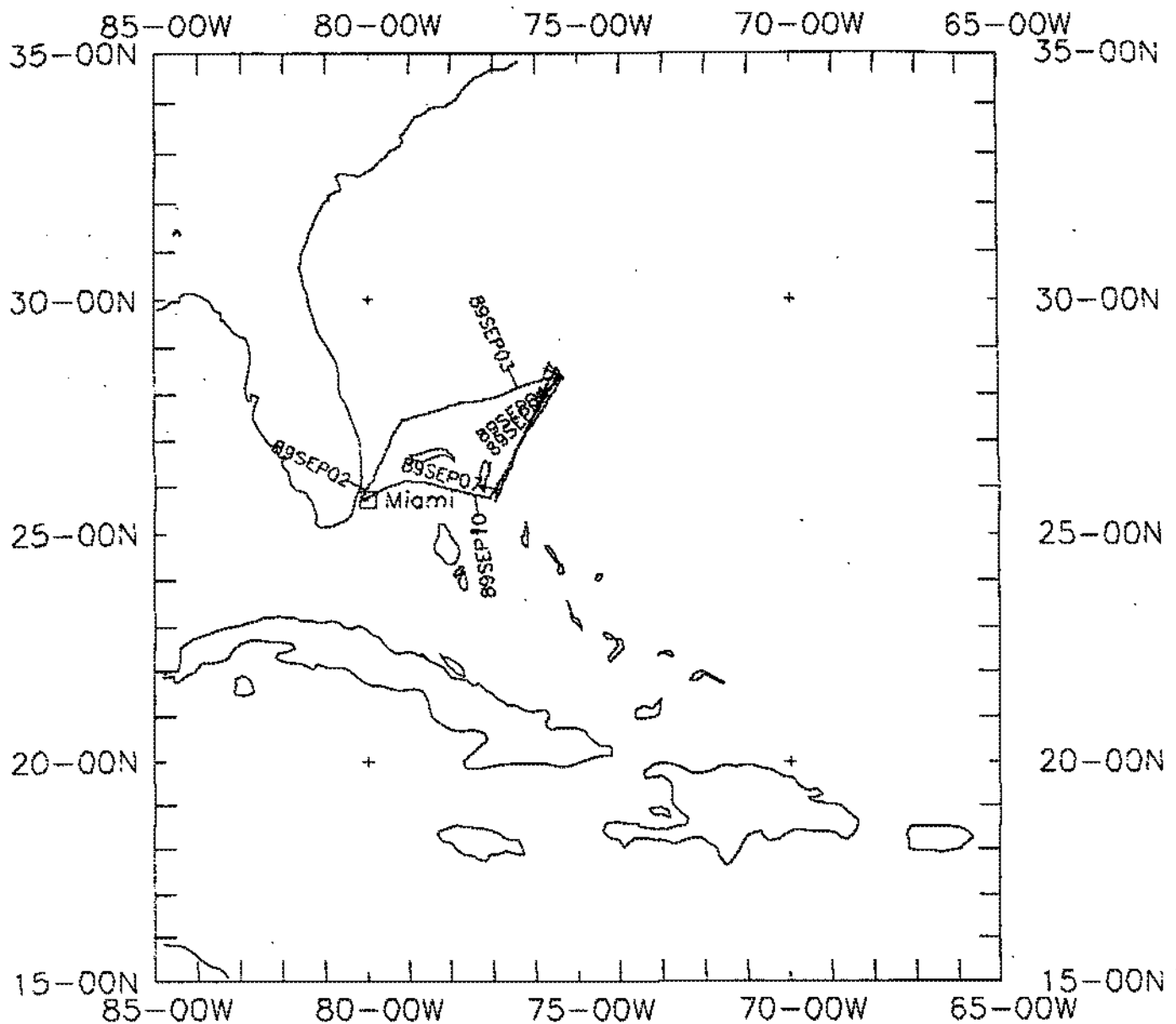
Resident Marine Technician - G. Pillard

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

Data Collection and Processing Funded by
ONR-0064
JOI-JSC289

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 10

CHIEF SCIENTIST: F. Spiess (SIO)
 PORTS: Miami - Miami, Florida
 DATES: 1 -10 September 1989
 SHIP: R/V Melville

TOTAL MILEAGE OF UNDERWAY DATA COLLECTED

- 1) Cruise - 1268 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 10

=====

R/V Melville

Miami, Florida (1 September 1989)
to
Miami, Florida (10 September 1989)

Chief Scientist - F. Spiess (SIO)

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 ****

2130	010989	* LGPT B MIAMI, FLORIDA	25-47 N	80-11 W	FHYDR10MV
1530	100989	LGPT E MIAMI, FLORIDA	25-47 N	80-11 W	FHYDR10MV

****PERSONNEL****

#	***NAME***	***TITLE***	***AFFILIATION***	**CRID**
PECS MPL	SPIESS, F.	CHIEF SCIENTIST	SCRIPPS INSTITUTION	HYDR10MV
PESP MPL	AUSTIN, G.	DEV TECH	SCRIPPS INSTITUTION	HYDR10MV
PESP NRL	BECKLEHIMER, J.	ADMINISTRATOR	NAVAL RESEARCH LAB	HYDR10MV
PESP MPL	BOEGEMAN, D.	ENGINEER	SCRIPPS INSTITUTION	HYDR10MV
PESP WHO	BOLMER, T.	RESEARCH ASS.	WOODS HOLE	HYDR10MV
PECT STS	BOUCHARD, G.	COMPUTER TECH	SCRIPPS INSTITUTION	HYDR10MV
PESP NRL	EVERARD, W.	ENGINEER	NAVAL RESEARCH LAB	HYDR10MV
PESP SIX	FARREL, B.	TECHNICIAN	SCIENCE APPLICATIONS	HYDR10MV
PESP WHO	GOULD, M.	RESEARCH ASS.	WOODS HOLE	HYDR10MV
PESP IGP	HOLLINSHEAD, C.	ENGINEER	SCRIPPS INSTITUTION	HYDR10MV
PESP NRL	HOPPEL, R.	ELECT. ENGINEER	NAVAL RESEARCH LAB	HYDR10MV
PEET IGP	JOHNSON, R.	ELEC TECH	SCRIPPS INSTITUTION	HYDR10MV
PEST IGP	KENT, G.	STUDENT	SCRIPPS INSTITUTION	HYDR10MV
PESP WHO	KOELSCH, D.	SPECIALIST	WOODS HOLE	HYDR10MV
PEET MPL	KRAUS, T.	ELECTRONIC TECH	SCRIPPS INSTITUTION	HYDR10MV
PECT MPL	LAWHEAD, R.	COMPUTER TECH	SCRIPPS INSTITUTION	HYDR10MV
PECT MPL	LOWENSTEIN, C.	COMPUTER TECH	SCRIPPS INSTITUTION	HYDR10MV
PESP SIX	PATEE, W.	COORDINATOR	JOHNS HOPKINS UNIV.	HYDR10MV
PERT STS	PILLARD, E.	RES TECH	SCRIPPS INSTITUTION	HYDR10MV
PESP WHO	STEPHEN, R.	CO-CHIEF SCI.	WOODS HOLE	HYDR10MV

****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
0606	010889		SBOB C	RCVR HYDRO8 KAREN	IGP	25-463N	80-098W	sHYDR10MV
2002	030989		SBOB E	HYDRO8 KAREN	IGP	28-207N	75-231W	sHYDR10MV
0728	010889		SBOB C	RCVR HYDRO8 NORDA33	IGP	25-463N	80-098W	sHYDR10MV
1717	030989		SBOB E	HYDRO8 NORDA33	IGP	28-207N	75-230W	sHYDR10MV
1730	010889		SBOB C	RCVR HYDRO8 JANICE	IGP	25-463N	80-098W	sHYDR10MV
0720	050989		SBOB E	HYDRO8 JANICE	IGP	28-206N	75-229W	sHYDR10MV
0151	020889		SBOB C	RCVR HYDRO8 NORDA34	IGP	25-463N	80-098W	sHYDR10MV
2254	040989		SBOB E	HYDRO8 NORDA34	IGP	28-212N	75-222W	sHYDR10MV
0218	020889		SBOB X	LOST HYDRO8 NORDA32	IGP	25-463N	80-098W	sHYDR10MV
0920	020889		SBOB C	RCVR HYDRO8 PHRED	IGP	25-463N	80-098W	sHYDR10MV
0831	030989		SBOB E	HYDRO8 PHRED	IGP	28-210N	75-238W	sHYDR10MV
41	020889		SBOB C	RCVR HYDRO8 JUDY	IGP	25-463N	80-098W	sHYDR10MV
1837	050989		SBOB E	HYDRO8 JUDY	IGP	28-208N	75-232W	sHYDR10MV
1422	020889		SBOB C	RCVR HYDRO8 SHARYN	IGP	25-463N	80-098W	sHYDR10MV
0112	060989		SBOB E	HYDRO8 SHARYN	IGP	28-226N	75-212W	sHYDR10MV
2006	020889		SBOB C	RCVR HYDRO8 NORDA35	IGP	25-463N	80-098W	sHYDR10MV
1529	050989		SBOB E	HYDRO8 NORDA35	IGP	28-192N	75-215W	sHYDR10MV
0847	030889		SBOB C	RCVR HYDRO8 NORDA36	IGP	25-463N	80-098W	sHYDR10MV
1859	040989		SBOB E	HYDRO8 NORDA36	IGP	28-207N	75-232W	sHYDR10MV
0906	030889		SBOB X	LOST HYDRO8 NORDA31	IGP	25-463N	80-098W	sHYDR10MV
2128	030889		SBOB X	LOST HYDRO8 LYNN	IGP	25-463N	80-098W	sHYDR10MV
1605	090889		SBOB C	RCVR HYDRO9 LFASE	WHO	25-463N	80-098W	sHYDR10MV
0445	040989		SBOB E	HYDRO9 LFASE	WHO	28-207N	75-228W	sHYDR10MV
2130	010989		SBOB C	RCVR HYDRO9 VERT	NRL	25-463N	80-098W	sHYDR10MV
1355	030989		SBOB E	HYDROPHONE LYNCH	NRL	28-201N	75-232W	sHYDR10MV

#GMT	DDMMYY	LOC, T	SAMP	SAMPLE	DISP			CRUISE
#TIME	DATE	TIME Z	CODE	IDENTIFIER	CODE	LAT.	LONG.	LEG-SHIP
1450	020989		BTXP	XBT 0001 PROBE T-4	GDC	27-494N	77-457W	sHYDR10MV
2250	020989		BTXP	XBT 0002 PROBE T-4	GDC	28-026N	76-396W	sHYDR10MV
1445	060989		BTXP	XBT 0003 PROBE T-4	GDC	26-437N	76-300W	sHYDR10MV
1447	070989		BTXP	XBT 0004 PROBE T-4	GDC	27-507N	75-544W	sHYDR10MV
2011	080989		BTXP	XBT 0005 PROBE T-4	GDC	28-209N	75-230W	sHYDR10MV
0405	090989		BTXP	XBT 0006 PROBE T-4	GDC	28-203N	75-232W	sHYDR10MV
1420	090989		BTXP	XBT 0007 PROBE T-4	GDC	27-090N	76-136W	sHYDR10MV
#				END SAMPLE INDEX				