CHA 5
920231 104862
12-92

920238mp

Q-MIPS LOG

SHIP AND CRUISE: CH-12-92

AREA: CAPE FEAR SLIDE

DATES: 9/21/92 - 10/4/92

CHIEF SCIENTIST: DILLON/SCHWAB

QMIPS LOG: Cruise CM-12-92 Chief Sci DILLON/SCHWARS

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
24	276	1636	L24F1.DAT	LOWERING FISH AFTER
				MINOR INITIAL UNPLUGGING
				INCIDENT. ~~[illegible]~~ PLUG AT
				TERMINATION ON FISH CAME
				LOOSE. REDEPLOYED + GOING
				DOWN
24	276	1836	L24F1.DAT	NICE VALLEY TO PORT.
				BOIS HAS LEVELED OFF AT
				2000 m WATER DEPTH +
				IS OPERATING FINE. RUNNING
				WITH 60 ms PULSE, 6000 m
				SWATH. 3db GAIN APPLIED
				TO PORT + STARBOARD, 27
				db TO SUBBOTTOM. SPOTTING
				FEATURES OUT TO 2500 m
				SLANT RANGE.
24	276	1940	L24F1.DAT.	INTO A BROAD FEATURELESS
				VALLEY AFTER COMING OFF
				A SERIES OF DOME-LIKE
				STRUCTURES OR RIDGES (?).
24	276	1945		SET GAINS PORT + STBD
				UP TO 6 db. (TOTAL).
24	276	2033		PAID OUT ~ 300 m WIRE.
				NOW HAVE 2300 m WIRE
				OUT. FISH ~ ½-¾ hr BEHIND
				THE SHIP. (ACCORDING TO 3.5 KHz).
				SET GAINS BACK DOWN TO 3db
				PORT + STBD.

QMIPS LOG: Cruise CH-12-92 Chief Sci DILLON/SCHWARS

TAPE#	Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
1	24	276	2109	L24F1.DAT	ON LINE - FISH RIDING
					NOSE UP 8-10°. COULD
					BE DUE TO SOUTHERLY
					CURRENT (PRESENT COURSE =
					40°) - BOTTOM CURRENT?
					SEE WHEN WE COME BACK
					AROUND.
	24	276	2140	L24F1.DAT	CROSSING A WELL DEFINED
					CHANNEL. FISH FLYING
					AT ~900 OFF BOTTOM -
					STILL NOSE UP. RELIEF
					LOOKS MORE EVEN AT
					THIS HEIGHT, SUGGESTING
					THAT THE TRANSDUCERS SHOULD
					BE SET BACK TO 15°-16°
					INSTEAD OF THE 20° ANGLE
					THEY ARE CURRENTLY SET
					AT.
					2338Z 3486 METERS OUT
		276	2300	L24F2.DAT	TURN FILE
	25	276	2338	L25F1.DAT	ON LINE 25
		276	0010	L25F1.DAT	SLOWED SHIP SPEED BY .5 KNOTS
					PITCH 5° DOWN
					JD 277 0037 SPEED UP
					BY .5 K
					0150Z IN 100 METERS
	25	277	0529	L25F2.DAT	SWITCH FILE
			0551		SHIP [redacted] AT END OF LINE
1	25	277	0630	L25F3.DAT	END LINE 25 (TURN FILE)
2	26	277	0945	L26F1.DAT	START LINE 26

QMIPS LOG: Cruise CA-12-92 Chief Sci DILLON/SCHMIDT

TAPE 2

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
26	277	1103	L26F1.DAT (cont)	SEEING DROPOUTS ON SS & SUBBOTTOM. APPEARS TO BE SHIP POWER PROB. ?
26				BECAUSE ALSO NOTED ON 3.5kHz
26	~~276~~ 277	1243		SEE B.S. IN FAIR RANGE ON BOTH SIDES (PORT STRONGER)
TURN	277	1456	L26F2.DAT	IN TURN TO LINE 27.
27	277	1626	L27F1.DAT	START LINE
				1831 15 METERS OUT