Rendigs/
Parmenter

OCEANUS DWDS106
NOV 4-23,1990

OCNS 227
SEISMIC LOG
Nov. 5-8, 1990

OCEANUS 227

104756

OCEANS 227 NOV, 1990

3.5 KHZ PROFILE LINES

11/5/90 - 11/9/90

DISCONTINUOUS PROFILES

SHIP/CRUISE NO./LEG OC 227

CHIEF SCIENTIST Bill MARTIN (WHOI) R. RENDIGS / C. PARMENTER

LINE START / END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
SOL 23:59	local					
SOL 1	23:59	11/5/90	60°	8.1	LORAN C	3.5 KHz
					38°41.10' / 7220.2'	
	01:27	11/6/90	62°	9		better records
"	01:35	"	62	8.9	42709.2/26094.1	area of harder reflectors
	01:55	"	62	9	42721.5/26076.0	
	02:15	"	62	9	42734.2/26056.9	- losing area of hard reflectors
	0240	"	62	9	42749.5/26033.5	
	0250	"	62	8.9	42759.2/26018.6	
	0330	"	71	8.9	42780.0/25986.6	
	0345	"	64	9.0	42789.2/25972.2	
	0410		62	9.1	42804.6/25947.4	
EOL	0420		62	9.1	42810.9/25936.8	
SOL 1A	18:06	11/6/90	119	8.8	26174.0/42653.2	3.5 Khz - logfile = OC110690.DØ2
	1815	11/6/90	49	8.7	26168.0/42657.9	
	1830	"	52	8.7	26156.8/42669.4	
	1845		52	8.5	26145.0/42682.5	
			48	8.5	26134.3/42693.7	
	1915		48°	8.7	26122.5/42706.8	
	1930		51	8.5	26111.7/42718.3	
	1945		50	8.2	26099.9/42730.0	
	2000		44°	7.0	26090.0/42741.4	Traffic Ahead - Reduce Speed
	2015		50°	7.7	26080.3/42750.7	Somewhat off line
	2030		48	9.3	26069.0/42762.7	
	2045		50	9.2	26056.1/42775.7	
	2100		49	8.9	26069.0/42762.7	
	2115		49	9.3	26030.0/42801.4	
	2130		49	9.2	26042.9/42788.4	
	2145		45	9.2	26003.6/42826.9	

AREA DWDS - OFF N.J.

TIME ZONE

SWP RATE	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL# START / END	MAGNETICS	COMMENTS
						NAV
						DATA ACQUISITION SYSTEM
						WHOI - OCEANUS "SAIL" -
						THROUGH AN NEC CRT
						AND LOGGED TO A 40 MEG
						BYTE NEC HARD DISC.
						2 FILES: OC 110590.003
1"	STYLUS SPD 1 1/2	& FILTER IN		1		OC 110690.001
						LOCAL TIME FROM NORTHSTAR 8000
1.0	Stylus: 1 1/2	Filter IN				DISPLAYED ON WHOI "SAIL" NAV PROGRAM

SHIP/CRUISE NO./LEG OC 227

CHIEF SCIENTIST Bill Martin (WHOI)

LINE START / END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
1A	2300	901106	NNE/52	9.3	25990.2/42839.5	3.5 KHz
	2331		46	9.3	25962.5/42866.2	
						LOST BOTTOM – ALL KINDS
						OF PEOPLE GATHER TO LOCATE
						DEPTH – RECORD GOES TO
	2315	11/6/90	48°	9.3	25921.3/42902.9	
	2330		49°	9.3	25907.2/42914.8	
	2345		51°	9.5	25893.9/42927.7	
	0000	11/7/90	48°	9.1	25879.3/42940.0	Writing To OC110790.D01
	0015		49°	9.3	25864.9/42952.2	
EOL 1A	0025		48°	9.1	25855.2/42960.6	
SOL 2	0538	11/8/90	164	9.4	26132.0/42846.3	Logging to file OC110890.D01
					39 2.2' 72°14.16'	
	0545		143	8.3	26127.7/42838.9	
					39°1.34' 72°13.42'	
	0555		148	9.3	26121.7/42828.1	
					39°00.13' 72°12.36'	
	0600		145	9.2	26118.7/42822.8	
					38 59.53' 72°11.83'	
	0615		143	8.9	26109.4/42807.5	
					3857.79 72 10.19	
	0630		146	9.0	26101.0/42792.0	
					38°56.2' 72°8.68'	
	0645			8.9	26092.8/42776.2	
					38°54.22' 72°7.13'	
	0700		146	9.0	26083.6 42760.9	
					38 52.45 72 5.42	

AREA Off Shore Dump Site 106

TIME ZONE

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL# START / END	MAGNETICS	COMMENTS
						Lost da bottom - problems
						w. scale change - no centering
						function on recorder
						Lost fish 2215 - 2303 UGH
						still on course - NAV GOOD
						file OC110790.001
				2		
		IN				
						SOL 02 - 1.0 sec sweep 1" STYLUS
						started NW

1

SHIP/CRUISE NO./LEG OC227

CHIEF SCIENTIST Bill Martin USGS R3:CP

LINE START / END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
2	0715	901108	146	9.2	26083.3 / 42760.5	3.5 Khz 1.0 sec sweep
					38 52.39 72 5.37	
	0730		146	8.9	26067.3 / 42730.3	
					38°48.9' 72° 2.3'	
	0745		144	8.9	26059.0 / 42715.3	
					38°47.15' 72°0.69'	
	0800		145	8.9	26056.0 / 42699.8	
					38 45.27' 71°58.97'	
	0815		146	8.2	26042.7, 42686.0	
					38°43.69' 71'57.41°	
	0830		144	8.8	26036.0 / 42669.5	
					3841.75 / 7155.98	
	0900		144	9.5	26021.4 / 42643.1	
					38°39.35' 71°52.89'	
EOL	090640		145	8.9	26017.9 42634.8	
2					38°37.60' 7152.17	
						transiting to LN3-
SOL 3	0947		355	4.8	25999.8 42657.5	
					38°40.07' 7149.28'	
	1000					
					38 41.14 7150.27	EOL - Decide to
		run line from NW to SE due to crappola record and				
		equally crapola sea state -				

AREA

TIME ZONE

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL# START / END	MAGNETICS	COMMENTS
						cross ln 1A 7:05 - 7:15
						HAD BREAKFEAST - 3 EGGS -
						SCRAMBLED, 2 CUPS EXPRESSO, BURPED,
						WENT BACK TO SEISMIC GLORY!
						EOF OC110890 - DP1
						CHAGED STYLUS!
						Writing to File OC110890 - DP2

SHIP/CRUISE NO./LEG OC227 Observers: R3 + Pam

CHIEF SCIENTIST Bill Martin

LINE START / END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
SOL 3	1430	901108	114	8.9	NS 800 26107.5 42858.3	3.5 kHz.
					39 3.46 72 10.25	
	1448				~~26004.6 42866.4~~	26096.9 42840.8
					~~38 44.14 70 50.27~~	39 1.48 72 8.37
	1500		145	8.9	26090.4 42829.5	
					39°00.19 72° 7.2′	
	1515		143	8.8	26082.6 42815.6	
					38°58.6′ 72° 5.79′	
	1530		147	9.0	26075.0 42801.5	
					38°56.99′ 72 4.38′	
	1545		146	9.3	26067.3 42787.9	
					38°55.42′ 72°2.93′	
	1600		145	8.7	26060.1 42774.6	
					38°53.87′ 72° 1.57′	
	1615		146	7.9	26053.3 42761.9	
					38°52.4′ 72°0.26′	
					26047.2 42750.3	
	1630		144	8.6	38 51.06 71°59.05	
	1700		145	8.8	26034.1 42725.3	
					38°48.12′ 71°56.43′	
	1715		145	8.7	26027.5 42712.6	
					38 46.63 71°55.1′	
	1730		145	8.1	26020.8 42699.7	
					38 45.09 71 53.7	
	1745		145	8.7	26014.5 42687.0	
					38 43.59 71 52.38′	
	1800		145	8.6	26008.1 42674.4	
					38 42.09 71 51.03′	
	1815		145	8.5	26001.8 42661.5	
					38 40.55 71 49.68	
EOL	1820				25999.4 42656.8	
					38 39.98 71° 49.13	

AREA ____________________

TIME ZONE ____________________

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL # START / END	MAGNETICS	COMMENTS
1.0 sec	TTRR 1500-2250 / 1.0 Sec Swp					Writing to OC 110890:DØ3