Schlee JEAN A ~~Escolle Arenas~~ S.W. Puerto Rico
JENA 90-2 Cabo Rojo
Nov. 11-18, 1990 MAYAGUEZ
SEISMIC LOG

104758

U.S.G.S.
GEOPHYSICS
LOG

SHIP Sean A

CRUISE NO. ~~80-24~~ 90-2

DATE Nov 11, 1990

CHIEF SCIENTIST ~~Schlee - Jacobi~~ - Parolski

SHIP/CRUISE NO./LEG Jean A ~~80-24~~ 90-2

CHIEF SCIENTIST Schlee - Irwin - Parolski

LINE ID 1625 START / END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
1626 →	315	90-11-11	090	5	Minirangers	3.5, Huntec, Bathy
	1741	90 11-11	090	5Kts	"	Bathy record off but on marg log
	1750	"	"	"	"	Navigation out
	1806	90-11-11			" to integrator out	EOL line 1
2	1921		347	5½	Minirangers	Huntec, Bathy + 3.5KHz
ID 1145						Navigation out for last leg as usual
EOL 2	2215	90-11-11	270	?	GPS	
SOL	1255	90-11-12	359	4Kts	Mini ranger	all systems operating
	1310					
Line 3	1412	90-11-12	39.0		"	" " "
	1580					
Line 3	1548					
Line 4		"	346	5.4Kts		Anasco -
Line 4	1627	"				
Line 5 (HOS)		90-11-12	91		GPS	ID 110S
	1836					
Line 5	2108	90-11-12	90	4.8Kts	GPS	end of line ID 110S
Line 6	1319	90-11-13	277	5Kts	GPS	Huntec, 3.5KHz
Line 6	1521				" out Minirangers switch Bathy on	
	1551	90-11-13	268			
Line 7	1659	90-11-13	180	4Kts	Minirangers	Huntec, 3.5KHz Bathy
CLOSS	2017	90-11-13	180	4-5Kts	"	rough
Line 8A	1240	90-11-14	180	6Kts	Minirangers	Huntec, 3.5KHz Bathy
ID 818						
	1340				Switched to GPS	
	1344					c/c 8B
	1425					c/c 8C
	1515				Switched to mini ranger	Line 8C
	1705					

AREA

TIME ZONE

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL # START / END	MAGNETICS	COMMENTS
						SOL 2
						EOL 2
				1		
	Huntec 1/4 sec fire 1/2 sec sweep	500-3000				SOL #3 (McCann Coast
						dog leg pt
	Same					another dog leg pt
						off course to avoid reefs
						EOL
						SOL
	Huntec			2		EOL
	3.5KHz, bathy			2		SOL #5
						EOL #5
	1/4 sec sweep 1/2 sec fire	500-3000 Huntec		2		SOL #6 (ID 112S) 2.5 km of real start too shallow
						EOL #6 (112S)
						SOL #7 (ID 105S)
						EOL #7 (ID 105S) -.7Km
						SOL #8 (151S, 118S, 103S)
						EOL 8C

SHIP/CRUISE NO./LEG 90-2 Leg A

CHIEF SCIENTIST Schlee

LINE START/END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
9(145)	1537/1605	JD320 90-11-16	93	3 Kts	Miniranger	Huntec, 3.5, Bathy
10(118S)	1657/1757	90-11-16				
11(103S)	1858/1852	90-11-16	080	4½ Kts	Miniranger	Huntec, 3.5KHz Bathy
12(151S)	1956/2051					
13A(142S)	1130/1348	90-11-17	90	4.6 Kts	GPS	Huntec, 3.5KHz, bathy off station
14A(BS)	1348/1452	"	040° 37°	4.4 Kts	GPS	Huntec; 3.5KHz, bathy?
	1353		Power failure 1 min			
	1357		off line because Nav is down			
	1415		Back on line 14A " " up			
	RL 292° to get to line 15 (141-S)					
	1504 turnhead to Miniranger					
	1517 lost navigation will turn to 182° + hope it returns at 1517					
Line 15 (141-S)	1509/1615	JD 321	182°		Miniranger	Huntec; 3.5 KHz
Line 14B(BS)	1648/1711					
Line 13B(142S)	1711/1901	JD321	090°			
Line MO-2	1404/1451	JD 322	125	5¼ Kts	Miniranger	Huntec; 3.5KHz
MO-1	1521/1556	JD 322	350	5½ Kts	"	" "
	Start-wooding Buoys					

AREA Shelf off SW Puerto Rico

TIME ZONE EDS

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL# START / END	MAGNETICS	COMMENTS
1/4 sec	sweep 1/2 fine					SOL/EOL 9
						SOL/EOL 10
1/4	sweep 1/2 sec fine	500-3000 Hertec				SOL/EOL 11
						SOL/EOL 12 (1515)
Same as above for Hertec						
						SOL/EOL 13A (1425)
Same as before	1/4 sweep 1/2 fine					SOL/EOL 14A (135)
						SOL/EOL 15 (141-5)
						BOL/EOL 14B (135)
	1/4 sec sweep 1/2 sec fine	500-3K				SOL/EOL

SHIP/CRUISE NO./LEG Jean A 90-2

CHIEF SCIENTIST Sekler

LINE START/END	TIME	YYMMDD	CRS/HDG	SPD	NAVIGATION	SEISMIC SYSTEM
MO-3	1612/1645	90-11-18	161	4 3/4 KTS	Miniranger	Huntec 3.5KHz
			Miniranger went down ~1700; now we wait			
			to see if GPS can save the day or Falcon			
			system comes up again. Sea Bird knock over			
			station			
Line	1741/1841	JD 322 90-11-18				
13C	(1425)		270	4.4KTS	Miniranger	Huntec; 3.5KHz Bathy
					End of	90-2

AREA Shelf of La Parguara

TIME ZONE EDT

SWP	PROGRAM / SCALE	FILTER HI/LO	TAPE NO. START / END	DATA ROLL # START / END	MAGNETICS	COMMENTS
						1H 76 m along line to avoid reef - continued to S for an additional 310 m to go over shelf edge
						SOL / EOL
1/4	1/2 sec fixed	500-3K				