

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MORANA WAVE	MW8508	0230	+5	0730	OFF PANAMA - CARIBBEAN	9°42.7' N	79°50.7' W	Eli Silver

DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
12	MAY	85	0733:	1	-	1	3.5 KHz	0-1	1	P				1600	BEG. REC.	
		(132)	1003:							S						
			1037:	2		1	Processed Sidescan	-	8	P	20	120/200	-		Beg. deploying SEAMARC	
			"	3		1	10-55 Hz	1-5	8	S					Pt. Eel, Stbd A/G (200), Pt A/G (120), MAGGIE (P)	
			"	4		1	3.5 KHz + Pro. S.S.	2-3		P					SEAMARC in water & ON	
			"	5		1	RAW SIDESCAN	8ea-side	8	P						
			1103:							S						
			1318:							S						
			1545:	4		1	35 KHz + Pro. SS		1/8	S					Beg. MAGGIE REC. #1	
			1643:	4		1	3.5 KHz + Pro SS			S					1st port streamer out for the	
			1657:	4		1	3.5 KHz + Pro SS.			S					recorder recording badly	
			1830:	3		1	10-55 Hz	1-5	8	S					Recorder is screwing up & Will is working on it.	
			2252:							P					Recorder back on	OK
										P					AG's/PT & STBD OFF SEA MARC CALIBRATION	
										P					10-55 Hz not recording	
										P					BOTH AG'S IN & RUNNING (SAME SET-UP)	
13	MAY	85	1520:							P					Compressor check (Maggie out of water, DSH.	
		(133)	1529:							P					Airguns 120/200 out, Sea Marc pulled in & check	
			1605:30							P					MAGGIE ON (on Stbd. side)	
			1608:							P					AG's/PT & Stbd out, Sea Marc deployed & Pt eel	
			1852:	2		1	PRO. SS.			P					Change Record	
			1905:	2		2	PRO. SS.			P					Begin recording - Record # 2	OK
			2100:	1		1	3.5 KHz	3-4	1	P					RECORDER problems - inconsistent paper	
										P					speed since ?? - Will working on	
										P					it @ 5 of 2220z	
			2220:	1	-	1	3.5 KHz		1	P					END REC. #1	
			2309:	1	4100	2	3.5 KHz	2-3	1	P					BEGIN REC #2	

SEISMIC REFLECTION LOG

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
Moana Wave	MW 8508	1813	+5	2313	Panama - Caribbean	9°53.0N	79°58.0W	Silver

DATE			G M T	RECORD NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
13	MAY	85	2313:	1		2	3.5 KHz	2-3s	1	P						TS
(133)			:	2		2	Processed SM	0-10km	8	S						
			:	3		1	10-55 Hz Seismics	1-5	8	S	-	25	120/200	1500	120ci port / 200ci starboard / port eel	
			:	4		1	3.5 KHz + Proc SM	2-3/0-10km	8	S						
			:	5		1	raw SM	1-9	8	S						
			:	-						P						port maggie on starboard side tow pos. from NOTE: STBD A/G OUT (MALFUNCTION) ESTIMATE: WENT OUT AT ~09:23 STBD A/G BACK IN WATER END REC. BEG. NEW REC. Printronix Digital Printer - Down AG's off } SEAMARC CHECK D.K. MAG off } MAG ON } Pt Eel, Pt AG (120), Stbd AG (200) AG's ON } Stbd MAG, SEAMARC ON started digital seismics Changed record. & cleaned recorder D.J.H. On and recording NOTE: PATTERN ON 3.5 KHz, POSSIBLE A/G PROBLEMS SHUTDOWN Pt. A/G (120cu.in.) - Stbd only now Pt. A/G ON - STBD A/G OFF Change record & clean recorder early because the recorder is not spacing evenly between 1/2 hr event markers.
14	MAY	85	0942:							S						
(134)			:							S						
			1115:							S						
			1238:	4		1	3.5 KHz + Proc. SS		1/8	S						
			1247:	4		2	"	3-4	1/8	S						
			1350:							S						
			140:							S						
			1755:30							S						
			1757:00							S						
			1844:10							S	-	20	120/200			
			1853:00							S						
			1858:							S						
15	MAY	85	0340:	2		2	Pro SS	0-10km	8	S						
(135)			0351:	2		3	Pro SS	0-10km	8	S						
			0930:00							S						
			1300:							S						
			1300:							S	-	20	200	-		
			1334:							S	-	"	120	-		
			1443:	1		2	3.5 KHz	4-55		S						

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SEISMIC REFLECTION LOG

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VESSEL NAME				CRUISE & LEG NO.		LOCAL TIME	TIME ZONE	= GMT	AREA			LATITUDE	LONGITUDE	CHIEF SCIENTIST		
R/V MOANA WAVE				MW 8508		0000	+5	0500	PANAMA (CARIBBEAN)			9° 44.14 N	81° 03.18 W	SILVER		
DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
17	MAY	85	0500:	1		3	3.5 KHZ	2-35	1	P	20	120/200		1500	Pt Eel, A/G Pt(120) Stbd(200)	OK
(137)			:	2		4	Proc. Sidescan			S					MAG Stbd Sea MARC in Water	
			:	3		1	10-55 HZ			S					and on	
			:	4		2	PRO SS + 3.5 KHZ			S						
			:	5		1	RAW Sidescan	1-10	8	S						
			:							S						
			0505:	1		3	3.5 KHZ			S					changed record - out of time & phase	
			0510:	1		4	3.5 KHZ			S					Begin Record # 4	
			0605:	4		2	PRO SS + 3.5 KHZ			S					changed paper	
			0615:	4		3	" "			S					Begin Record # 3	
			1354:	3		1	Lo 10-55 HZ	1-55		S					changed record - cleaned recorder (Had	QJH
			1419:	3		2	Lo 10-55 HZ	1-55		S					trouble getting paper to feed through) Begin record #2	
			1453:	2		4	Pro. SS		8	S					END REC.	
			1502:	2		5	Pro SS		8	S					Begin REC	
			1735:							S					AG's off SEA MARC Check	DK
			1740:							S					MAG off	
			1819:							S					MAG ON	
			1832:10							S					AG's ON (Pt 120)	
			—:							P		120/200			Pt Eel, AG's Pt(120) Stbd(200), Mag Stbd	
			—:							S					Sea MARC in water & on	
										S					A/G stbd off	
18	MAY	85	0450:00							S						
(138)			:							S						
			0750:	2		5	Pro. SS			S					Replaced paper - cyclic stuff	
			0800:	2		6	"			S					Begin Record # 4	
			0805:							S					A/G stbd on	

SEISMIC REFLECTION LOG

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VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE	MW 8508	0315	+5	0815	PANAMA (CARIBBEAN)	9° 40.98N	81° 23.01 W	SILVER

DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
18	MAY	85	0815:	1		4	3.5 KHZ	3-4	1	P	200	120/200			Pt Eel, AG (120-Pt) (200-Stbd)	DK
(138)			:	2		6	PRO. Sidescan		8	S					Mag (stbd) + Sea MARC in water	
			:	3		2	10-55 HZ	3-7	"	P					and on	
			:	4		3	PRO. SS + 3.5 KHZ		1/8	S						
			:	5		1	RAW SIDESCAN	1-9	8	P						
			1038:50							P					1700 A/G PRESSURE CHECK	JET
			1916:							P					A/G OFF SEA MARC CHECK	OK
			1918:							P					MAG OFF	
			2008:							P					AG ON	
			2013:							P					MAG ON	
			:							P					INSTRUMENT DEPLOYMENTS S.A.A.	
			2019:							P					AG (stbd) off	
			2356:40							P					A/G (STBD) ON (200)	
19	MAY	85	0006:00	1		4				P					CHANGE PAPER, RECORDER #1 OFF	JET
			0032:57	1		5				P					NEW PAPER, RESTART REC #1	
			0134:	2		6	Proc SS		9	P					Change paper + cleaned recorder #2	DJH
			0142:	2		7			9	P					Begin Record	
			2045:00							P					← (ESTIMATED TIME) PT A/G (120) OFF	JET
			2225:							P					PT A/G ON (120)	DJH
20	MAY	85	0433:	4		3	Proc SS + 3.5 KHZ	2-3		P					Changed paper & cleaned recorder #4	DJH
(140)			0443:	4		4	Proc SS + 3.5 KHZ	2-3		P					Begin Record	"
			0450:	1		5	3.5 KHZ			P					Recorder died End Record - Will here	OK
			0602:	1		6	3.5 KHZ			P					Recorder fixed - new Record #6	
			0930:	2		7	PROC. S.S.			P					END RECORD CHANGE PAPER	
			0943:	2		8				P					START RECORD #8	

SEISMIC REFLECTION LOG

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANAWAVE	MW 8508	0530	+5	1030	OFF PANAMA (CARIBBEAN)	10°12.37N	79°19.80W	SILVER

DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
20	MAY	85	1000:	5		1	RAW S.S.								END REC. #1 CHANGE PAPER	JET
(140)			1010:	5		2	RAW S.S.								START REC #2	
			1054:	1		6	3.5 KHZ	3-4	1			120/200		1500	PT EEL, A/G (120-PT) (200-STBD)	
			:	2		8	PRO. SIDESCAN	3-4	9						MAG (STBD) + SEAMARC IN H ₂ O ON.	
			:	3		2	10-55 HZ	3-7								
			:	4		4	PRO S.S. 3.5 KHZ									
			:	5		2	RAW SIDESCAN	1-9								
			1444:												Air compressor off , MAGGIE OFF	DJIT
			1446:												Air compressor off, A/G's up, Pteel in	
			1507:												Sea MARC Check (Hydraulics are fixed + things are being pulled in now)	
			1547:												Sea MARC set deployed (PT)	
			1552:40												PT MAGGIE ON (stbd side)	Sea
			1557:45									120/200			A/G's ON PT=120 Stbd=200	MARC
21	MAY	85	1138:14	4		4									STOP RECORDER, REPLACE STYLUS	check
(141)			1142:00	4		4									RE-START RECORDER	
			2105:37												MAGGIE OFF, A/G'S OFF	
			2111:08												MAGGIE OUT OF WATER	
			2122:31												BOTH A/G'S OUT OF H ₂ O, STREAMER	
			:												PULLED CLOSE TO SHIP	
			2138:												PULLING DEPRESSOR IN	
			2141:45												PUTTING DEPRESSOR IN H ₂ O	
			2145:33												SEA MARC ^{GOING} OUT, MAG (STBD) ^{GOING} OUT	
			2153:53												MAGGIE ON, SEAMARC ON, STREAMER (PT)	
			2224:09												ON/A/G (120-PT) IN, A/G (200-ST) IN	
22	MAY	85	0015:												NOTICE THAT A/G'S ARE NOT OKAY	JET

SEISMIC REFLECTION LOG

DATE			G M T	RECORD NO.	TYPE	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.) HEAD TAIL	AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
22	MAY	85	0023:21	1		3.5 KHZ	2-3			120 / 200		1500	PT. EEL A/G (120-PT) (200-STBD) MAG (STBD) SEAMARC IN H ₂ O ON	JET
			:	2		PROC. SIDESCAN		8						
			:	3		10-55 HZ	2-6							
			:	4		PROC. S.S. - 3.5KHz								
			:	5		RAW SIDESCAN	1-9							
			0015:										TROUBLE SHOOTING A/G PROBLEMS	
			0032:13										AIR COMPRESSOR SHUT DOWN,	
			0150:										BACK ON AGAIN	
			0130:										MAGGIE is OFF for repairs - still not ^{streaming}	DJH
			0243:	1	6	3.5 KHz	4-5						Changed paper + cleaned recorder	
			0256:	1	7	3.5 KHz	4-5						Beg'd record #7	
			0724:	2	8	PRO. SS		9					changed paper	OK
			0734:	2	9	PRO. Sidescan		9					Begin record #9	
			1309:	4	4	3.5 KHz + Proc SS	2-3	8					Changed paper	DJH
			1318:	4	5	3.5 KHz + Proc SS	2-3	8					Beg'd record #5	
			1500:										MAGGIE ON Line	
			1712:13										MAG OFF	OK
			1718:30										AG's OFF	
			1745:										DEPRESSOR OUT	
			1757:										DERRESSOR DEPLOYED	
			1813:										MAG ON	
			1823:36										AG's ON	
			:											
23	MAY	85	1401:										devices deployed as above	
			1406:										AG's OFF	
			: (143)										MAGGIE OFF	
													} SEA MARC check	DJH

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE	MW 8508	0900	+5	1400	OFF PANAMA (Caribbean)	9°42.3 N	78°58.9 W	Silver

DATE			G M T	RECORD NO.	TYPE	, FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR							HEAD	TAIL					
23	MAY	85	1431:											Depressor Out	DJA
			1435:											Depressor Deployed	
			1447:											MAGGIE ON	
			1503:											A/G's ON	
				1	7	3.5 KHz	1-2			35					
				2	9	Processed SideScan		8						Pt eel, A/G (120-Pt) (200-Stbd)	H2O + ON
				3	2	10-55 Hz	1-5				120/200			Pt MAGGIE (Stbd deployed) SeaMARC	
				4	5	3.5 KHz + Proc SS	1-2								
				5	2	RAW Sidescan	0-8								
			1518:	2	9	Proc SS		8						OFF for repair of cyclic noise	
			1523:42	2	9	Proc SS		8						ON	DK
			1826:											Pt AG (120) off for repairs	
			2004:											Pt AG (120) in water & on	
			2100:	1	7	3.5 KHz	3-4							STOP/END TIME; Δ PAPER	
			2118:	1	8	3.5 KHz	3-4							START TIME; RECORD #8	
24	MAY	85	0512:	2	9	Pro SS								Changed Paper	DK
(144)			0524:	2	10	Pro. SS.								Begin new record #10	
			0845:											FIXING MAGGIE RECORDER (PAPER)	
			0900:45											MAGGIE RECORDER BACK ON LINE	
			0930:	4	5	Pro SS + 3.5 KHz	2-3							END TIME; Δ PAPER	
			0942:	4	6	Pro SS + 3.5 KHz								START TIME REC #6	JET
			1245:											A/G's OFF, MAG. OFF	
			1309:											Depressor out of H2O	
			1315:											Depressor deployed	

VESSEL NAME			CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA		LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE			MW 8508	0800	+5	1300	OFF PANAMA (Caribbean)		9°43.00N	78°47.51W	Silver

DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER	
DAY	MONTH	YEAR								HEAD	TAIL						
24	MAY	85	1329:														
		(144)	1334:												MAGGIE ON 1331Z All equip in H ₂ O	DJH	
				1		8	3.5 KHZ	1-2			50				A/G's ON [End Sea MARC check]		
				2		10	Proc SS		8								
				3		2	10-55 HZ	1-5							Pt eel, A/G's (120-pt)(200-Stbd)		
				4		6	3.5 KHZ + Proc SS	1-2	8			120/200			Pt Maggie (deployed Stbd) Sea MARC		
				5		2	RAW Sidescan	1-9							All in the water and ON		
			1535:	1		8	3.5 KHZ	2-3							Changed stylus		
			1539:	1		8	3.5 KHZ	2-3							ON line		
25	MAY	85	0406:	2		10	Proc SS		9						OFF for repair (It's recording badly)		
		(145)	0423:	2		10	Proc SS		9						ON line again.		
			0431:	2		10	Proc SS		9						Paper starts feeding through properly		
			1736:	1		8	3.5 KHZ								Changed paper	OK	
			1748:	1		9	" "								Begin Record # 9		
			1742:												MAG OFF		
			1743:												AG's OFF		
			1831:30												MAG ON	SEA MARC CHECK	
			1841:												AG's ON		
			1845:														
			2200:	3		2		3-7							All devices deployed as above		
			2212:	3		3		3-7							END TIME RECORD #2, Δ PAPER		
26	MAY	85	0404:	2		10	Processed Sidescan		8						START TIME = 2212:00		
		(146)	0414:	2		11	Proc SS		8						Changed record	DJH	
			0751:	4		6	Proc SS + 3.5 KHZ								Begin record		
			0801:	5		7	" "								change record	OK	
															Begin Record # 7		

SEISMIC REFLECTION LOG

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE	MW 85/8	0330	+5	0830	PANAMA (CARIBBEAN)	9°50.1 N	78°20.1 W	SILVER

DATE			G M T	RECORD NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
26	MAY	85	0830:	1		9	3.5 KHz	2-3	P		18	120/200			Pt. eel AG (Pt-120) (stbd - 200)	DK
(146)			:	2		11	PRO. SS		8						MAG stbd SEA MARC	
			:	3		3	10-55 Hz	1-5							IN AND ON	
			:	4		7	PRO SS + 3.5 KHz	2-3								
			:	5		2	RAW SS	1-8								
			1426:													
			1450:													
			1453:													
			1508:													
			1514:													
27	MAY	85	0409:	2		11	Pro SS		8						MAGGIE OFF, A/G's off	DJH
(147)			0415:	2		11	Pro SS		8						SEA MARC Depressor ON board	
			1034:41												Depressor IN water	
															MAGGIE ON	
															AG's ON (All IN H ₂ O + ON AS above)	
															Changed Belt	
															ON line	
														1200	PORT A/G OFF LINE (DOUBLE FIRING)	
															09:58 (ESTIMATE PT A/G STARTED MISFIRING)	
			1123:												PT A/G OUT OF H ₂ O	
			1217:31											1500	PT A/G BACK IN H ₂ O / ON LINE	
			1408:	1		9	3.5 KHz	2-3							Changed Record	
			1417:	1		10	3.5 KHz	2-3							Begin Record # 10	
			2015:												AG's OFF SEA MARC CHECK	OK
			2021:												MAG OFF	
			2022:	5		2	RAW SS.								changed paper	
			2035:	5		3	"								Begin Record # 3	
			2128:20												MAG ON	JET
			2134:30												PT A/G IN + ON LINE 2137:20 STB	
			2137:30												Ys 7.5	

SEISMIC REFLECTION LOG

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE	MW 8508	1711	+5	22:11	PANAMA (CARIBBEAN)	9° 34.71N	78° 08.94W	SILVER

DATE			G M T	RECORDER NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
27	MAY	85	21 43:18	1		10	3.5 KHz	0-1		P		120			Pt. EEL, A/G (PT. 120) (STBD. 200)	JET
			:	2		11	PRO. SS			S		200			MAG STBD.	
			:	3		3	10-55 Hz	0-1		S					SEAMARC PROBLEMS...	
			:	4		7	PRO SS + 3.5 KHz			S						
			:	5		3	RAW SS			S						
			21 45:							S						
28	MAY	85	00 37:46							S					TROUBLE SHOOTING SEAMARC...	
			00 55:							S					BEGIN SEAMARC DATA RECORDING	STBD.
			01 07:	2		11	Proc SS		8	S					Port side Seamarc is recording now too	DJH
			01 15:	2		12	Proc SS			S					Changed record	
			05 51:	4		7	Pro SS + 3.5 KHz			S					Begin record	
			05 59:	4		8	" "			S					changed paper - when recorder off	OK
			:							S					lost Pt. on Proc SS record.	
			10 35:							S					Begin Record # 8	
			16 09:15							S				1500	MORNING A/G CHECK (O.K.)	JET
			16 35:44							S					MAGGIE OFF; A/G OFF	DJH
			16 38:22							S					Depressor on board	
			16 53:12							S					Depressor in water	
			16 56:41							S					MAG IN	
			:							S					AG's ON	
			19 50:20	2		12	PRO. Sidescan			S					SEAMARC CHECK	OK
			19 51:45	2		12	" "			S					everything deployed as before	
			22 19:30	2		12	" "			S					changed belt Proc. SS	
			22 24:12	2		12	" "			S					begin recording	
			:							S					changed belt & relayed Proc SS	
			:							S					begin recording	

SEISMIC REFLECTION LOG

VESSEL NAME	CRUISE & LEG NO.	LOCAL TIME	TIME ZONE	= GMT	AREA	LATITUDE	LONGITUDE	CHIEF SCIENTIST
R/V MOANA WAVE	MW 8508	2000	+5	0100	OFF PANAMA (Caribbean)	10° 23.29N	77° 38.09W	Siluer

DATE			G M T	RECORD NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)		AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER
DAY	MONTH	YEAR								HEAD	TAIL					
29	MAY	85	0100:	1		10	3.5 KHz	4-55	9	20		120/200		1500	Pt eel, A/G's (Pt = 120) (Stbd = 200)	DJH
			(149)	2		12	Process Sidescan								Pt MAGGIE deployed on Stbd, Sea MARC	
				3		3	Low Freq 10-55 Hz	3-75							All in water and on	
				4		8	Proc SS + 3.5 KHz	4-55	9							
				5		3	RAW Sidescan	1-95								
			1000:	1		10									END TIME, Δ PAPER, STYLUS	JET
			1009:44	1		11		2-3							START TIME, RECORD #11	
			1115:												ESTIMATE TIME DIGITAL SEISMICS	
			1149:												DOWN FROM LIGHTNING STRIKE	
			1149:												EST. TIME DIGITAL SEISMICS BACK ON LINE	
			1241:30	2		12									STOP TIME RECORDER 2 Δ STYLUS	
			1247:50	2		12									RESTART REC. #2	
			1515:	2		12									Clean. + change stylus belt	DJH
			1520:	2		12									Start Again	
			1847:												AG's, MAG OFF	OK
			1911:												MAG ON	} SEA MARC
			1932:												AG's ON	
															CHECK	
															Deployed as Above	
			2300:	2		12									END TIME Δ PAPER STYLUS	JET
			2310:20	2		13									START TIME RECORD #13	
30	MAY	85	0100:												GPS is DOWN. Problem in ES	
															Antenna. Apparently not	
															repairable at sea. Fast!	
			0346:	4		8	3.5 KHz + Proc SS	2-3	8						Changed paper + stylus	DJH
			0355:	4		9	3.5 KHz + Proc SS	2-3	8						Begin Record #9	

SEISMIC REFLECTION LOG

VESSEL NAME			CRUISE & LEG NO.		LOCAL TIME	TIME ZONE	= GMT	AREA			LATITUDE	LONGITUDE	CHIEF SCIENTIST				
R/V MOANA WAU			MW 0508		2300	+5	0400	PANAMA (CARIBBEAN)			9°23.07N	77°48.92W	Silver				
DATE			G M T		RECORD NO.	TYPE	RECORD NO.	FILTER RANGE	SWEEP	REP. RATE (SEC.)	EEL DEPTH (ft.)	AIR GUN (CU. IN.)	SPARKER (JOULES)	AIR GUN PRESSURE	COMMENTS	OBSERVER	
DAY	MONTH	YEAR									HEAD	TAIL					
30	MAY	85			1		11	3.5 KHZ	1-2			15	120/200		1500	PT eel, A/G's (PT=120)(STbd=200)	DJT
					2		13	Proc SS		8						PT MAGGIE deployed on Stbd,	
					3		3	10-55 HZ	1-5							SEA MARC...All in the water and on	
					4		9	3.5 KHZ + P10 SS	1-2	8							
					5		3	Rnw Sidescan	1-9								
					2		13	Proc. SS								RE-ALIGN PAPER	JET
					2		13	Proc. SS								RE-START RECORD #13	
					2		13	Proc. SS								↓	
																MAG OFF	OK
																AG's OFF	
					2		13	Proc. SS								Clean + New Belt	
					2		13	Proc. SS								Begin recording	
																MAG ON	
																A/G'S BACK IN H ₂ O (PT=120 ST=200)	JET
																EVERYTHING BACK IN H ₂ O, ON LINE	
31	MAY	85			1		11	3.5 KHZ								Changed Paper	OK
					1		12	" "								Begin Record #12	JET
					2		13									CLEAN + NEW BELT	
					2		13									BEGIN RECORDING	
					2		13	Processed Sidescan		9						Changed paper	DJT
					2		14	Pro SS		9						Begin Record #14	
								MAGGIE								Recorder off to check paper 1617Z on ground	
																PT AG off } greased shaft	OK
																PT AG ON }	
01	JUN	85			4		9	Pro SS + 3.5 KHZ	2-3	8						End Record #9 Change paper	

SEISMIC REFLECTION LOG

[illegible]