
CRUISE				LINE				AREA-PROJECT												DATE																																					
FM10-2				NAT81-22				Mid-Atlantic Ridge / North Atlantic Transect												7 Sept																																					
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OS INIT																	
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6400 m between ships

0539 within 10 m of 6000 m

last about 3 shots
Tapes
101650
101640

0645 SB 101

CRUISE				LINE				AREA-PROJECT												DATE																						
FM 10-2				NAT 81-31				MID ATLANTIC RIDGE												11 SEPT 81																						
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH						GAIN (db)		TRIP		REC.		FLU		REP.		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB						
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CRUISE FM 10-2				LINE NAT 81-31				AREA-PROJECT North Atlantic Transect												DATE Sept. 11, 81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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CRUISE				LINE				AREA-PROJECT													DATE																	
FM 10-2				NAT 81-31				NORTH ATLANTIC TRANSECT													11 SEPT 81																	
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS	OB INIT
HR	MIN	SEC	C	16	17	18	19	1	2	3	4	5	6	1	2	3	4	5	6	INIT	RATE	FINL	1						2	3	4	5	6	1	2	3		
20	02	05		10	16	75		25	1	0																												
20	02	35			16	76		25	1	1																												
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20	03	50		10	16	77		25	4	2																												
				10	16	77		25	7	2																												
21	04	11		10	16	78		25	7	3																												
				10	16	78		26	0	3																												
21	35	15		10	16	79		26	0	4																												
				10	16	79		26	3	3																												
22	05	43		10	16	80		26	3	6																												
				10	16	80		26	6	6																											missed 3 shots	
22	39	44		10	16	81		26	6	8																												
				10	16	81		26	9	7																											missed 1 shot	
23	09	50		10	16	82		26	9	8																												
				10	16	82		27	2	8																												
23	40	45		10	16	83		27	2	9																												
25	10	35		10	16	83		27	5	9																												
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10	15	05			16	86		28	5	9																												
10	15	50			16	87		28	6	3																												
				16	87	28	6	3	2																													
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missed 4 shots
TPX2 not sensing
beginning of tape.

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CRUISE				LINE				AREA-PROJECT												DATE										
FM10-2				NAT81-34				North Atlantic Transect / Mid Atlantic Ridge												14 Sept										
HR	TIME			REEL			SH. PT		RECORD NO.			STRMER DEPTH			GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES			CONTINUITY OR LEAKAGE	REMARKS	OB INIT		
	MIN	SEC	C	6	7	8	9	1	2	3	4	5	6	INIT	RATE	FINL														
				10	17	10				060											30									
21	02	20		10	17	11	10	76		061	38	43	60	31	17	36														
				10	17	11	11	06		122																				
21	33	25		10	17	12	11	07		123	35	40	55	35	17	40														
				10	17	12				183																				
21	04	17		10	17	13	11	07		184	38	40	52	30	12	38														
				10	17	13				244																				
22	34	00		10	17	14	11	08		245	35	42	55	32	25	37														
				10	17	14				305																				
23	04	40		10	17	15	11	08		306	40	40	68	38	29	35														
				10	17	15				366																				
23	35	20		10	17	16	11	29		367	40	42	70	42	32	42														
00	05	06		10	17	16	11	25		427																				
00	05	36		10	17	17	11	25		428	40	40	70	43	33	40														
00	03	05		11	17	17	12	89		489																				
00	03	35		11	17	18	12	90		490	38	40	20	43	33	37														
01	06	35		11	17	18	13	20		550																				
01	07	06		11	17	19	13	20		551	37	42	79	45	35	40														
01	37	35		11	17	19	13	51		612																				
01	39	37		11	17	20	13	53		613																				
02	09	35		11	17	20	13	83		673																				
02	10	05		11	17	21	13	83		674																				
02	40	35		11	17	21	14	14		735																				
02	41	05		11	17	22	14	14		736	36	43	65	35	28	40														
02	42	40		11	17	22	15	13		737																				

sb # 107 ch # 13

first record may have
some delay in tape #
101720.

CRUISE				LINE				AREA-PROJECT																DATE																					
FM 10-2				NAT 81-34				North Atlantic Transect																Sept. 15, 81																					
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT				
HR	MIN	SEC	C	10	7	2	9	1	2	3	4	5	6	INIT	RATE	FINL	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6					
0309	35			1017	22			1443						793																															
0311	06			1017	23			1444						796																															
0317	37				23			1451						799																															
0320	05				24			1453						800			35	40	62	35	28	40																							
0350	05				24			1483						860																															
0353	05				25			1486						861																															
0423	05				25			1516						921																															
0426	35				26			1520						922			36	41	60	38	31	41																							
0456	35				26			1555						982																															
0502	05				27			1555						987			33	43	60	40	30	43																							
0531	35				27			1585						1047																															
0536	05				28			1589						1048			37	42	60	38	30	43																							
0606	05				28			1619						1108																															
0611	50				29			1628						1109			37	42	70	42	32	44																							
0645	05				29									1169																															
0647	05			1017	30			1629						1171			39	42	60	40	30	33																							
0711	34				30			1690						1231																															
0717	05				31			1690						1232			37	42	62	43	31	42																							
0747	05				31			1720						1292																															
1075	03				32			1724						1294			37	42	57	43	35	43																							
				1017	32																																								
1082	52			1017	33			1759						3555			37	40	55	42	32	45																							
					3									4114																															
1085	00			1017	34			1790						4115			35	40	55	41	32	44																							

look 4 shots

look 4 shots

look 4 shots

0715 SB 109 ch 13

NO 6000 TFX2 STILL BAD

missed several shots

missed several shots
0715

CRUISE					LINE					AREA-PROJECT															DATE										
FM10-2					NAT81-34					North Atlantic Transect															15 Sept										
TIME				REEL				SH. PT		RECORD NO.				STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT
HR	MIN	SEC	C	10	11	12	13	1	2	3	4	5	6	INIT	RATE	FINL																			
				101734																															
10	92	83	0	101735	18	22		478	36	41	60	42	39	44																					
10	95	83	0	101735	18	51		538																											
11	00	13	0	101736	18	55		541	35	41	60	43	35	44																					
11	03	12	9	101736	18	85		601																								missed several shots (drive)			
11	03	63	2	101737	18	90		605	36	42	40	40	32	42																		10 RECORDS MISSED			
				101737	19	20		665																											
11	06	30		101738	19	21		666	38	42	58	38	27	38																					
				101738	19	50		726																											
11	13	70	0	101738	19	51		727	36	40	50	42	30	42																					
12	07	06		101739	19	80		787																											
11	21	12	35	101740	19	86		1790	38	42	60	38	28	40																					
				11740	22	15		849																											
11	24	83	5	11741	22	22		854	38	42	65	36	26	40																		← Note shot point count has been increased by 230 instead of 50			
11	31	18	35	11741	22	52		914																											
11	31	19	06	11742	22	52		915	40	42	65	35	25	42																					
11	34	10	5	11742	22	82		975																											
11	34	13	5	11743	23	83		976	40	42	66	40	30	42																					
11	41	13	5	11743	23	13		2037																											
11	44	15	35	11744	23	19		140	40	42	70	45	35	42																					
11	45	73	5	11744	23	51		1010																											
11	45	00	5	11745	23	51		1011	40	42	65	40	30	42																					
11	52	80	5	11745	23	81		161																								the last shot #1 on tape 1745			
11	52	83	5	11746	23	82		162	40	42	65	35	25	42																		& first " " " " 1746			
				11746	23	82		162	40	42	65	35	25	42																		may differ by 1 or 2			

[illegible]

CRUISE FM 10-2				LINE NAT01-34				AREA-PROJECT North Atlantic Transect												DATE Sept. 16, 81																		
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT		
HR	MIN	SEC	C	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	5	6	INIT	RATE	FINL														
03	48	05		10	17	70		31	25			61	0																									
03	59	35		10	17	71		31	37			61	2																									
04	28	34		10	17	71		31	66			67	1																									
04	29	05		10	17	72		31	67			67	2	40	40	65	45	32	42																			
04	59	35		10	17	72		31	97			73	2																									
05	00	06		10	17	73		31	97			73	3	39	43	65	40	30	42																			
05	29	35		10	17	73		32	27			79	2																									
05	30	05		10	17	74		32	27			79	3	39	40	58	40	30	41																			
06	00	05		10	17	74		32	57			79	2																									
06	00	35		10	17	75		32	58			85	4	40	42	70	40	30	42																			
06	30	05		10	17	76		32	87																													
06	30	35		10	17	76		32	88			91	4	39	43	67	37	29	42																			
07	00	35		10	17	77		33	18			97	4																									
07	01	05		10	17	77		33	18			97	5	40	43	70	40	25	43																			
07	30	05		10	17	77		33	47			03	4																									
07	30	35		10	17	78		33	48			03	5	37	40	64	40	30	44																			
08	00	34		10	17	78		33	78			09	5																									
08	01	05		10	17	79		33	78			09	6	40	41	55	29	25	38																			
				10	17	79		34	08			41	5	5																								
08	31	15		10	17	80		34	09			11	5	6	64	42	68	40	25	42																		
				10	17	80						21	6																									
09	01	45		10	17	81		34	39			21	7	37	40	65	36	25	42																			
				10	17	81						27	7																									
09	32	15		10	17	82		34	70			27	8	38	42	70	40	29	42																			

missed 12 shots

drive B is

not in order

0538 prospectu
pullia 1/2 then air gun
and againBOTH DRIVES 100% OK ON
THE 12-4

wrong header # s/b 101779

[illegible]

[illegible]

[illegible]

CRUISE PM 10-2					LINE NAT 81-35					AREA-PROJECT North Atlantic										DATE Sept. 17, '81																					
TIME					REEL					SH. PT		RECORD NO.						STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS	OB INIT
HR	MNS	CS	C		10	7	2	9		1	2	3	4	5	6	INIT	RATE	FINL																							
00	48	06			10	18	12			7	5	0				14	59																								
01	18	05				18	12			7	8	0				15	19																								
01	18	35				18	13			7	8	1				15	20																								
01	48	05				18	13			8	1	0				15	79																								
01	48	35				18	14			8	1	1				15	80	69	62	65	49	28	44																		
02	18	35				18	14			8	4	1				16	40																								
02	19	05				18	15			8	4	1				16	41																								
02	48	35				18	15			8	7	1				17	00																								
02	49	05				18	16			8	7	1				17	01	65	62	67	62	28	40																		
03	19	06				18	16			9	0	1				17	61																								
03	19	35				18	17			9	0	2				17	62																								
03	49	06				18	17			9	3	1				18	21																								
03	49	35			10	18	18			9	3	2				18	22	55	62	68	60	28	44																		
04	19	35				18	18			9	6	2				18	82																								
04	20	05			10	18	19			9	6	2				18	83	40	43	70	42	30	42																		
04	49	35				18	19			9	9	2				19	42																								
04	50	05			10	18	20			9	9	2				19	43	40	44	70	43	34	42																		
05	20	35				18	20			10	2	3				20	04																								
05	21	05			10	18	21			10	2	3				20	05	40	42	68	42	30	44																		
05	50	05				18	21			10	5	2				20	64																								
05	50	35			10	18	22			10	5	3				20	65	67	43	65	36	25	40																		
06	20	34				18	22			10	8	3				21	25																								
06	21	05			10	18	23			10	8	3				21	26	60	44	67	37	25	41																		
06	50	35				18	23			11	1	3				21	85																								

6400 m bottom skips

[illegible]

CRUISE										LINE										AREA-PROJECT										DATE																			
FM 10-2										NAT81-35										NORTH ATLANTIC										TRANSECT										Sept. 17, 81									
TIME				REEL				SH. PT		RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT					
HR	MIN	SEC	C	1	2	3	4	5	6	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DPTH	FIRE	TIMES	CONTINUITY	OR LEAKAGE	REMARKS	OB INIT																				
12	56	35		10	18	36				14	78					29	16																																
13	26	65			18	36				15	08					29	76																																
13	27	05			18	37				15	09					29	77																																
13	56	35			18	37				15	39					30	37																																
13	57	05			18	38				15	39					30	38																																
14	27	05			18	38				15	69					30	90																																
14	27	35			18	39				15	70					30	99																																
14	57	03			18	39				15	99					31	58																																
14	57	35			18	40				16	00					31	59																																
15	00	35		10	18	40				16	03					31	65																																
</																																																	

CRUISE				LINE				AREA-PROJECT												DATE																	
Fm 10-2				NAT 81-38				MID ATLANTIC RIDGE												SEPT 21, 1981																	
TIME				REEL				SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB			
HR	MIN	SEC	C	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DEPTH (Fm)	TIMES	OR	LEAKAGE																	
04	18	05		101847	8221					1	X	35	44	42	33	37																					
04	49	05		1847	8252					32																											
04	50	05		101848	8253					33			35	45	42	37	44																				
05	22	05		1848	8285					65																											
05	23	05		1849	8286					66			34	44	42	39	44																				
05	55	05		1849	8318					98																											
05	56	05		1850	8319					99			34	43	42	38	40																				
06	27	05		1850	8350					130																											
06	28	05		1851	8351					131			35	43	42	30	33																				
06	59	05		1851	8382					162																											
												MAT 81-39												begin													
11	00	50		101852	85165					001																											
11	01	52		101852	85914					063																											
11	03	23		101853	8595					064			34	45	43	40	43																				
11	04	20		101853	8626					126																											
11	04	20		101854	8627					127			35	45	44	42	47																				
11	05	20		101854	8651					187																											
11	05	20		101855	86518					188			35	45	43	40	47																				
12	05	05		101855	8688					248																											
12	05	37		101856	8688					249																											
12	05	35		1856	8719					309																											
12	37	35		1857	8726					311			35	43	42	37	46																				
13	07	35		1857	8750					371																											
13	08	05		1858	8751					372																											
13	12	34		1859	8813					1587																											

[illegible]

CRUISE					LINE			AREA-PROJECT												DATE													
FM10-2					NAT 81-39			Mid-Atlantic Ridge												21 Sept 81													
TIME					REEL			SH. PT		RECORD NO.		STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES			CONTINUITY OR LEAKAGE		REMARKS	OB INIT	
HR	MIN	SEC			10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	INIT	RATE	FINL									
19	46	35			10	18	70		91	49					1165																		
19	47	05			10	18	71		91	50					1166	X	35	44	42	40	45												
					10	18	71		91	79					1225																		
20	17	13			10	18	72		91	80					1226	X	32	43	43	40	44												
					10	18	72		92	10					1286																		
20	47	50			10	18	73		92	11					1287	X	34	45	43	41	45												
					10	18	73		92	40					1344																		
21	17	43			10	18	74		92	41					1347	X	34	43	43	41	48												
					10	18	74		92	70					1407																		
21	48	16			10	18	75		92	71					1408	X	35	45	43	40	46												
					10	18	75								1468																		
22	18	30			10	18	76		93	02					1469	X	32	43	43	38	42												
					10	18	76		93	31					1529																		
22	49				10	18	77		93	32					1530	X	30	45	43	41	45												
					10	18	77		93	62					1590																		
23	19	52			10	18	78		93	63					1591	X	32	45	43	40	45												
					10	18	78		93	92					1651																		
23	50				10	18	79		93	93					1652	X	30	43	42	40	46												
					10	18	79		94	23					1712																		
00	20	35			10	18	80		94	23					1713																		
00	50	35				18	80		94	53					1773																		
00	51	05				18	81		94	54					1774		32	45	42	40													
01	21	35				18	81		94	84					1834																		
01	28	35				18	82		94	91					1835																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20														
Tape # 101882 may have incorrect record numbers, because of problems in Tape drive # 2																																	

Tape # 101882 may have incorrect record numbers because of problems in tape drive # 2.

End line 39 last
slab
97800

[illegible]