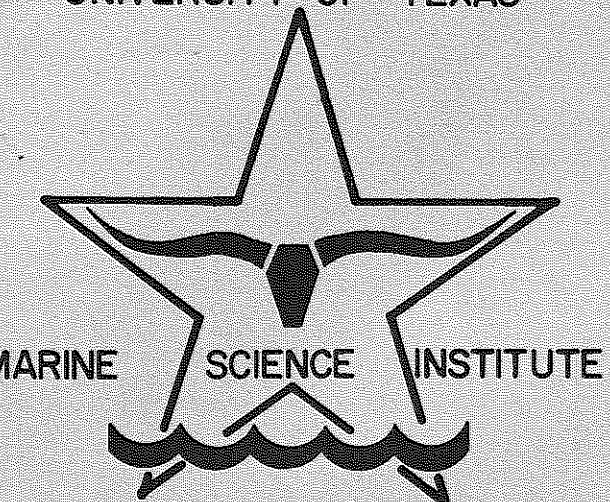


UNIVERSITY OF TEXAS



GALVESTON GEOPHYSICS LABORATORY

700 THE STRAND

GALVESTON , TEXAS 77550

DFS LOG

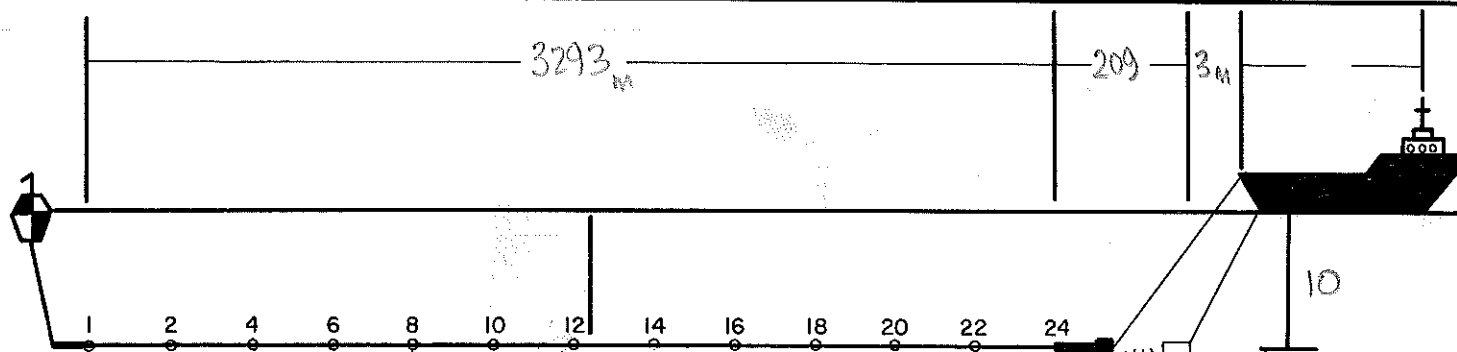
ORIGINAL

R. V. FRED H. MOORE

CRUISE LEG

F M 05-2

CRUISE FM05-2	LINE CT2-15
START TIME 0409 Z 8 JUL 80 START LAT. 18° 40.55' N START LONG. 78° 33.95' W	END TIME 1900 Z 8 JUL 80 ENDING LAT. 17° 17.25' ENDING LONG. 78° 28.15'
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 48 NEAR TRACE 48 @ 212 m	GROUP INTERVAL 70 m FAR TRACE 1 @ 3505 m
INSTRUMENT T1 DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1FP SLOPE 18 dB/oct SLOPE 72 dB/oct SLOPE <u> </u>
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4 ms NOMINAL FOLD 24	
REMARKS SHOT POINT SPACING 140 m, AT REP. RATE OF 25s. USING ALL 48 TRACES TO RECORD.	



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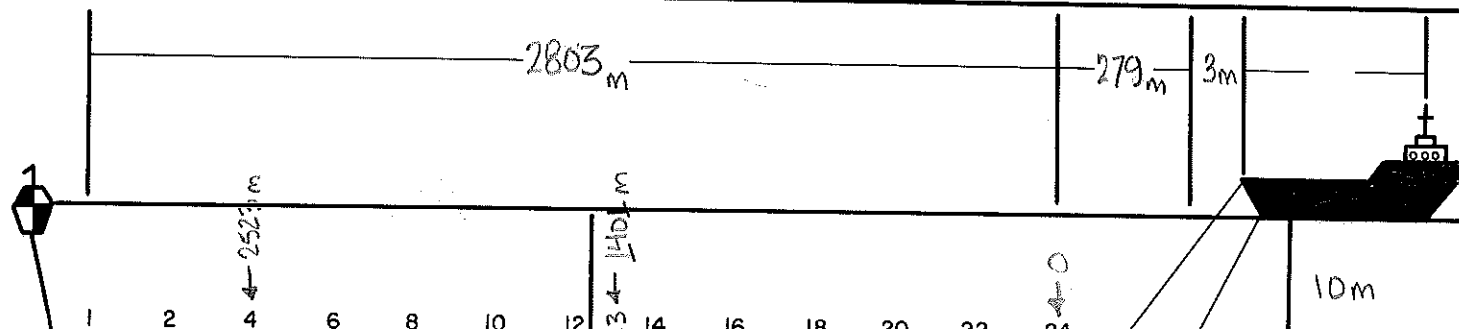
CRUISE		LINE		AREA-PROJECT										PAGE		OF	
FM05-2		CT2-15		Caribbean Tectonics II										DATE		8 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	REP. RATE	WATER DEPTH (Ft)	REF. FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	O. N.I.			
120935	052023	1142	21641														
120500	052024	1143	2165					12	24	25			last record				
121025	↓	1156	2202										first record				
121530	↓	1169	2217	1957	5336	30	20				21 21 21 20						
122520	052024	1192	2246								21 21 21 20						
122547	052025	1193	2247										last record				
122910	↓	1201	2257	1858	5337	39	20						first record				
123845	↓	1224	2306								14 26 19 21		timed shot				
124040	052025	1243	2331								20 22 19 21						
124705	052026	1244	2332	2060	5337	35	24						last record				
125205	↓	1256	2346								17 24 18 21		first record				
130115	↓	1278	2374								19 24 19 21						
130755	052026	1294	2414								19 24 18 21						
130820	052027	1295	2415	2060	5540	40	25						last record				
131500	↓	1311	2435								21 22 21 20		first record				
132000	↓	1323	2451								22 23 21 20						
132845	052027	1344	2476								20 23 21 20						
132910	052028	1345	2477	2059	5440	40	24						last record - parity errors				
133615	↓	1362	2520								23 23 23 21		first record - some p. errors				
134205	↓	1376	2536								23 23 24 21						
135000	052028	1395	2561								18 23 24 20						
135050	052029	1397	2562										last record missed one shot				
135705		1412	2601										first record during change over				
140345		1428	2621	2060	5440	40	26				18 24 23 19						
											23 23 23 20						

CRUISE			LINE			AREA-PROJECT										DATE	
F.MOS-2			CT2-15			Caribbean Tectonics II										8 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALV (Jb)	TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	FEL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB. UNIT		
141140	052029	1447	2644							25							
141205	052030	1448	2645	21	60	54	40	40	26			20 23 24 20		last record			
141755		1462	2663									19 23 24 20		first record			
142500	↓	1479	2704									21 24 24 21		ck			
143255	052030	1498	2727											ck			
143320	052031	1499	2730	21	60	54	40	38	26			19 24 22 20		last record			
144010		1516	2751									23 23 24 21		first record	possibly some sync errors through out tape		
144705	↓	1532	2771									22 23 23 21		ck			
145345	052031	1548	3011														
145410	052032	1549	3012	22	60	54	40	42	27			20 24 25 21		last record			
150000		1563	3030									19 23 22 21		first record			
150600	↓	1578	3047									22 23 21 21		ck			
151420	052032	1598	3073											ck			
151945	052033	1599	3074	24	60	54	40	44	28					last record			
152100		1614	3113									21 24 21 21		first record			
152740	↓	1630	3133									18 24 21 21		ck			
153535	052033	1649	3156									24 21 21 20		ck			
153600	052034	1650	3157	24	60	55	40	40	29					last record			
154240		1666	3177									17 25 21 21		first record			
155010		1684	3221									23 23 21 21		ck			
155650	052034	1700	3241									18 25 20 20		ck			
155715	052035	1701	3242	24	60	55	41	40	27					last record			
160310		1717	3262									21 23 19 20		first record			
161755	052035	1750	3323									21 24 20 20					
														L.S.			

partly some sync.
errors
through out
tape

[illegible]

CRUISE FMOS-2	LINE CT2-16
START TIME 1900Z 8 JULY 1980 START LAT. 17° 17.25' START LONG. 78° 28.15' ON TRACK 1922Z - SHOT POINT 2140	END TIME 0545Z 09 JULY 1980 ENDING LAT. 17° 35.850' ENDING LONG. -077° 33.750
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 282 m	GROUP INTERVAL 140, w/ exceptions FAR TRACE 1 @ 3084 m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1FP SLOPE 18dB/oct SLOPE 72dB/oct SLOPE <u> </u>
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140 m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24, WHICH ARE SPACED 70 m APART	

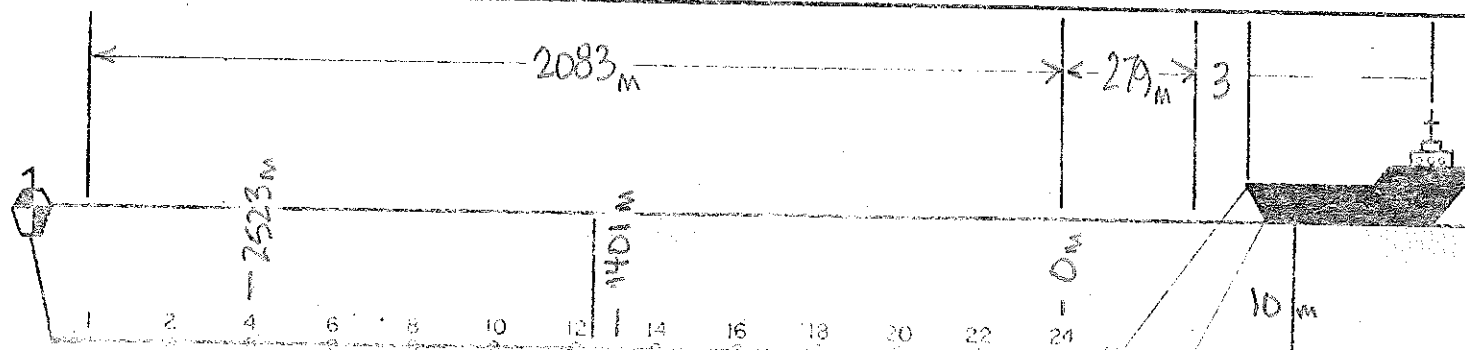


CRUISE		LINE		AREA-PROJECT												DATE	
FM 05-2		CT2-16		CARIBBEAN TECTONICS #												08 JULY 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALT (db)	TRIP	REC.	REP.	WATER	REL FIRE	CONTINUITY	REMARKS				
190000	052043	BEGIN	TURN	TO	LINE	CT2-16			25								
190020	052043	2140	4131														
190615	052043	2154	4147											1st SHOT of TURN			
														L.S. of TAPE			
192230	052044	2193	4150														
200320	052044	2289	4310											1st SHOT OF LINE			
200410	052045	2293	4312											LAST SHOT			
201640		2323	4350											MISSED 3 SHOTS / FIRST SHOT			
203730		2373	4432	1758	5340	4231								TIMED SHOT			
204525	052045	2392	4455											TIMED SHOT			
204550	052046	2393	4456											LAST SHOT			
210230		2433	4526	2258	5341	4232								FIRST SHOT			
211755		2470	4573											CHECK SHOT W/GALVO REC			
212820	052046	2495	4624											CHECK SHOT			
212845	052047	2496	4625											LAST SHOT			
214525		2536	4675											FIRST SHOT			
220205		2576	4745											TIMED SHOT			
221140	052047	2599	4774	2057	5240	4130								TIMED SHOT			
221205	052048	2600	4775											L.S.			
223025		2649	5051											FIRST SHOT			
224255		2674	5107	1957	5341	4328								TIMED SHOT			
225500	052048	2703	5144											TIMED SHOT			
225525	052049	2704	5145											LAST SHOT			
230845		2736	5205	2060	5240	4230								FIRST SHOT			
														TIMED SHOT			

CRUISE		LINE		AREA-PROJECT														PAGE 9 OF													
FM05-2		CT2-16		CARIBBEAN TECTONICS II														DATE													
TIME		REEL		SH. PT.		RECORD NO.		STRMER		DEPTH		GALV (JD)		TRIP		REC		REP		WATER		REL FIRE		CONTINUITY		REMARKS		OP			
232205		↓		2768		5245		185957		404126						12		24		25		370		24252225				TIMED SHOT w/GALV REC			
233755		052049		2806		5313																						LAST SHOT			
233820		052050		2807		5314																						FIRST SHOT			
235410		↓		2845		5362																									
000935		↓		2882		5427		196053		404230																		TIMED SHOT			
002230		052050		2913		5466																26212425						"		"	
002255		052051		2914		5467		205953		404330																		last record			
003560		↓		2943		5524																26202626						first record			
004910		↓		2977		5566																25212325						ck			
010705		052051		3020		5641																25242929						ck			
010730		052052		3021		5642		205952		404531																		skipped rec #5690			
012140		↓		3055		5703																						last record on 2nd 5691			
014500		↓		3111		5774		55853		404532												25232125						first record			
015025		052052		3124		6001																25222021						nominal check			
015140		052053		3127		6013																									
020525				3160		6054		55854		404530																		1 shot missed (dirty tape)			
021845				3192		6114																26202420									
023320		052053		3227		6157																25232125									
023345		052054		3228		6161		55853		404532												25232325						last record			
024730				3261		6221																25242526						first record		skipped rec #6160	
030025				3292		6260																23252325						first record on 1st 6161			
031615		052054		3330		6326																26242523									
031640		052055		3331		6327																						last record			
033050				3365		6371		55854		314630												26232222						first record w/parity errors			
																						25232824									

CRUISE		LINE		AREA-PROJECT														DATE	
FM05-2		CT2-16		Caribbean Tectonics II														08 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)		TRIP	REC.	REP.	WATER	REL FIRE				CONTINUITY	REMARKS		OB
						INIT	PATH	DEL	1ST	2ND	DEPTH (F)	TIMES							INIT
034435	↓	3398	6432	5	54	41	16	32			25	18	19	24	23				
035820	052055	3431	6473																
035845	052055	3432	6474																
040025	052056	3430	6475									27	19	24	24		last record		
040555	053056	3449	6510														missed record 6475		
040619	053057	3450	6511														First record on tape		
041458	↓	3471	6536														L.S. (BAD TAPE)		
044957	052057	3555	6662									23	23	24	24		F.S.		
045023	052058	3556	6663	5	6	4	4	3									TIMED SHOT		
053205	052058	3656	7027									25	25	24	25		L.S.		
053230	052059	3657	7030	5	59	54	40	45	38			20	18	21	18		F.S.		
054500	↓	3688	7067														L.S.		
054540	052059	3689	7070														END of LINE CT2-16		
																	START of LINE CT2-17		

CRUISE FM05-2	LINE CT2-17
START TIME 0545 Z 9 JUL 80 START LAT. 17° 36.85' N START LONG. 77° 33.75' W	END TIME 2030 9 JUL 80 ENDING LAT. 16° 51.20' N ENDING LONG. 76° 23.25' W
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 IN 3
NO. OF TRACES 24 NEAR TRACE 24 @ 282 m (from fantail)	GROUP INTERVAL 140 m WITH EXCEPTIONS * FAR TRACE 1 @ 3084 m
INSTRUMENT T1 DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE @ 18 dB/oct SLOPE @ 72 dB/oct SLOPE <u> </u>
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4 ms NOMINAL FOLD 24	
REMARKS * 140 m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24, WHICH ARE SPACED 70 m APART	



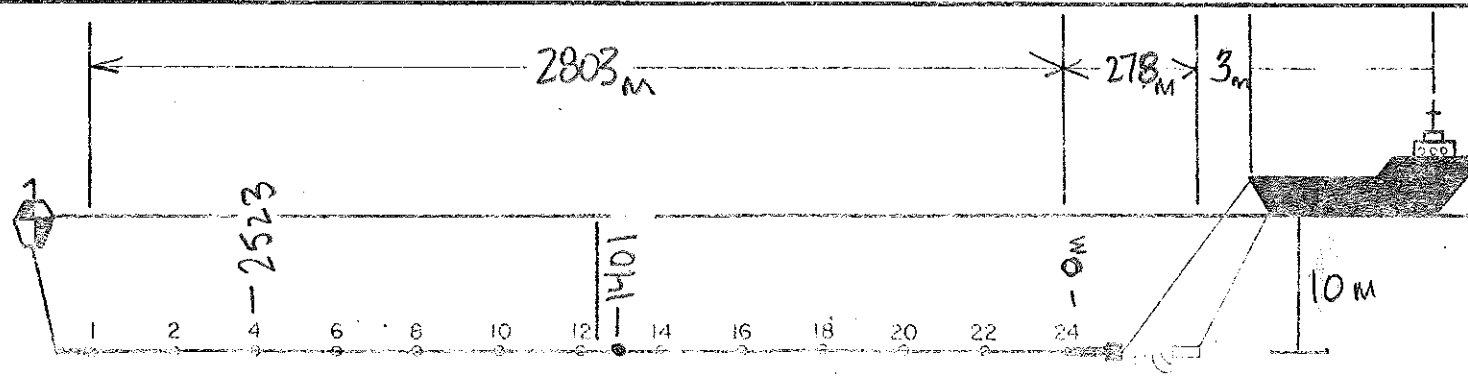
CRUISE		LINE	AREA-PROJECT		DATE	
Fm 05-2		CT2-17	CARIBBEAN TECTONICS II		09 JULY 80	
TIME	FEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)
054540	052059	3689	7070			
0550		3700				
055350		37107	7112			
055640		37115	71122			
055755		37118	71125			
0611730	052059	37165	71204			
0611755	052060	37166	71205			
070053	052060	3869	71354			
070130	052061	38710	71355	18	58	54
074408	052061	3973	7524			
074435	052062	3974	7525			
075400						
080525		4027	7605	16	58	54
082615	052062	4077	7671			
082730	052063	4080	7672			
084320		4118	7742	18	58	53
085000	052063					
090730	052063	4176	0034			
090755	052064	4177	0035			
094056		4256	0153	19	62	55
094935	052064	4277	0201			
095000	052065	4278	0202			
100935		4325	262	14	57	54
103320	052065	4382	352			

CRUISE		LINE		AREA-PROJECT										DATE	
F105-2		CT2-17		CARIBBEAN TECTONICS II										9 JULY 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (JD)	TRIP	REC.	FLD	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	OR
							DEL.	LGTH		RATE	DEPTH (Fm)	TIMES	OR LEAKAGE		
103345	052066	4383	353					12	24	25				F.S.	
105025		4423	423	16	6055	46								Test S.	
111500	052066	4482	516									21	23	21	
111705	052067	4487	521											L.S.	
114230		4548	615	16	5853	46								bad tape, missed 4	
115845	052067	4587	664									18	22	23	Test Shot
1159110	052068	4588	665											2.S.	
120435		4601	702	15	5854	40								1st shot	
122255		4645	756									20	21	22	Timed shot
124140	052068	4690	1033									20	22	23	
124205	052069	4691	1034											last record - parity errors	
125640		4726	11077	7	3954	40								first record	
131025		4759	1140									21	19	21	
T.F.-U.		4782	1172											lost SP# 4782 rec# 1171	
132435	052069	4793	1177											1 Sync errors - parity errors	
132500	052070	4794	1261											last record	
132910		4804	1212											first record	
134115		4833	1247	17	6054	40						20	19	20	timed shot / galvo record
135416		4864	1306									20	18	22	
140730	052070	4896	1346												
140755	052071	4897	1347	19	6054	41						20	21	22	
142140		4930	1410									20	21	24	
143500		4962	1450									20	21	23	
145050	052071	5000	1516											last shot on 2071	

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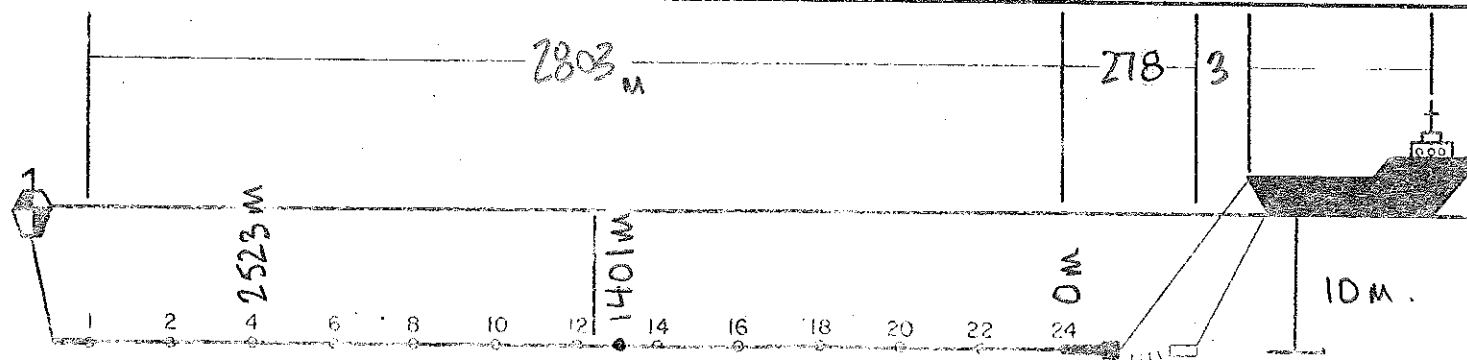
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CRUISE FM 05-2	LINE CT2-18
START TIME 2030Z 9 JULY 80 START LAT. 16° 51.20' N START LONG. 76 23.25' W #5015	END TIME 0630Z 10 JUL 80 ENDING LAT. 17° 47.84' N ENDING LONG. 76 27.48' W
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10m	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281m	GROUP INTERVAL 140m w/ EXCEPTIONS FAR TRACE 1 @ 3084m
INSTRUMENT TI DFS IV FILTERS: LOW 8Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1FP → SLOPE 18 dB/oct → SLOPE 72 dB/oct SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24	
REMARKS *140m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24, WHICH ARE SPACED 70m APART.	



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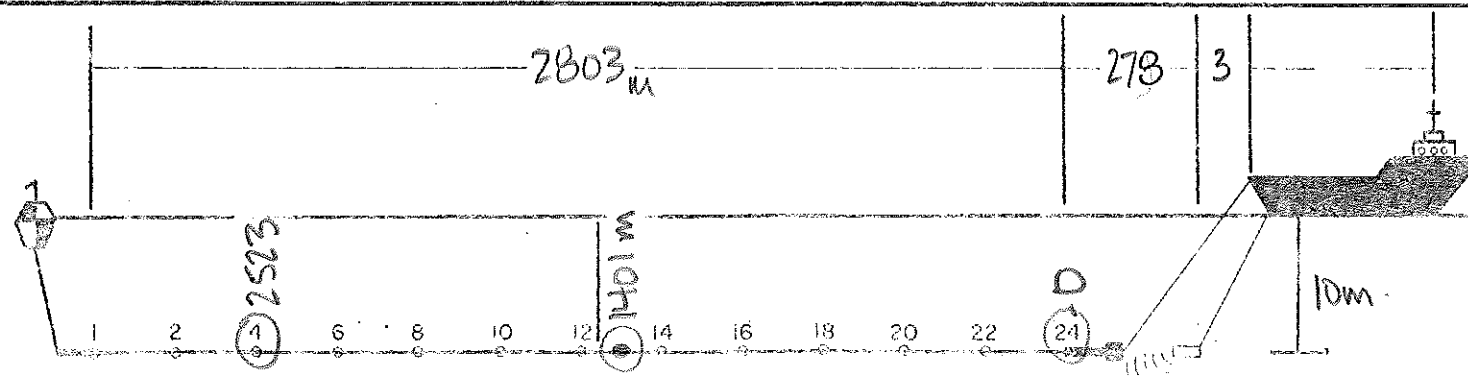
CRUISE FMDS-2	LINE CT2-19
START TIME 0630Z 10 JUL 80 START LAT. 17° 47.84' N START LONG. 76° 27.48' W	END TIME 1345Z 10 JUL 80 ENDING LAT. 17° 29.65' N ENDING LONG. 75° 57.75' W
SOURCE 4 BOLT AIR GUNS. SOURCE DEPTH 10 M	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 M	GROUP INTERVAL 140 M w/ EXCEPTIONS * FAR TRACE 1 @ 3084 M
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE 18 dB/oct SLOPE 72 dB/oct SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24	
REMARKS * 140 M SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 & 22-23-24, WHICH ARE SPACED 70 M APART.	



CRUISE		LINE		AREA-PROJECT										DATE	
FM 05-2		CT2-19		CARIBBEAN TECTONICS II										10 JUL 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)	TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (F)	REL FIRE TIMES	CONTINUITY OR LEAPAGE	REMARKS	
063014	052096	7448	6325					12	24	22				START TURN TO CT2-19	
065954		7529	6446											END TURN	
070016	052096	7530	6447											1st shot of line	
070820	052096	7552	6475											L.S. of top	
070842	052097	7553	6476											F.S.	
074710	052097	7658	6647											L.S.	
074732	052098	7659	6650											F.S.	
080850		7717	6742	56052	404535							25 24 21 24		Test shot	
082436	52098	7760	7015											L.S.	
082458	52099	7761	7016											F.S.	
083559		7791	7054	56053	414836							24 24 25 24		Test shot	
090201	52099	7862	7163											2.S.	
090223	52100	7863	7164											F.S.	
091915		7909	7242	66052	464630									Test shot	
094008	52100	7966	7333											2.S.	
094030	52101	7967	7334											F.S.	
095615		8010	7407	56052	404522									Test shot	
101816	52101	8070	7503											2.S.	
101838	52102	8071	7504											F.S.	
103023		8103	7544	56054	404532							24 24 24 24		Test S.	
105625	52102	8174	7653											2.S.	
105657	52103	8175	7654											F.S.	
111635		8229	7742	66053	404632									F.S.	
113517	52103	8280	0026											2.S.	

CRUISE		LINE		AREA-PROJECT		DATE								
FM05-2		CT2-19		Caribbean Tectonics II		10 July 80								
TIME	REFL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	REP.	WATER	REL. FIRE	CONTINUITY	REMARKS	OB
113534	52104	8281	0027							22			first record	
120415		8359	0145											
121347	052104	8385	0177								24262523		last record	
121409	052105	8386	0207	16	6253404430								first record	skipped rec# 200
122659		8421	0243								23242322		first record	first rec on 1st 201
123949		8456	0306								24232223		skipped rec# 240	ok
125345	052105	8494	0354								24242123			
125407	052106	8495	0355	18	6053414681								last record	
130741		8532	0422								24232223		first record	Bad tape - sync errors on rec# 410 & 411
132009		8566	0464								24232425		first record	
133321	052106	8602	0530											
133343	052107	8603	0531	20	6354404631								last record/last rec bad w/sync & parity errors	
											24232624		first record	
134443		8633	0567											
135627		8665	0627								24242623		Begin turn at 134500 to line 20	
140559	052107	8691	0661								24242624			
													end turn - begin CT2-19	
													last record	
													*note skipped rec# 0660	
													last rec on 2nd 0661	

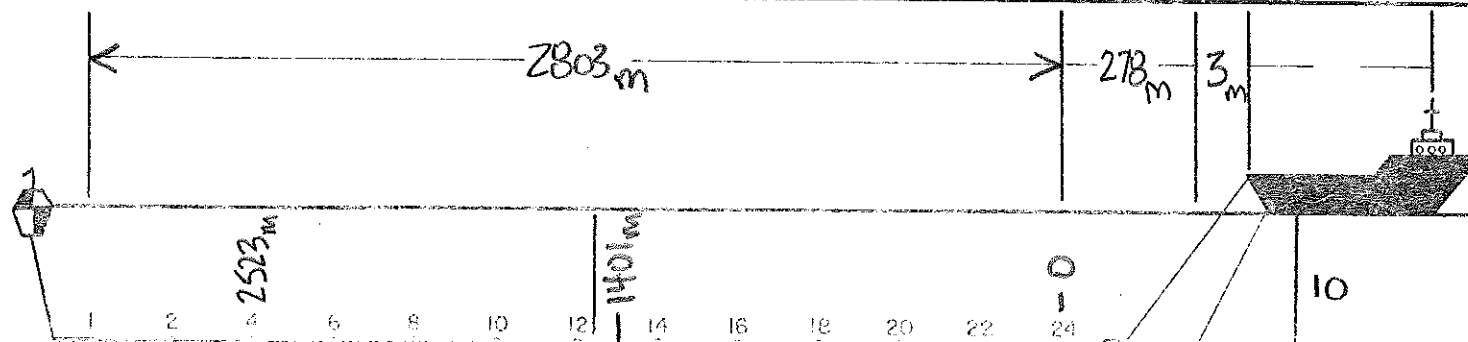
CRUISE FM05-2	LINE CT2-20A
START TIME 1345Z 10 JULY 80 START LAT. 17° 29.65' N START LONG. 75° 57.75' W SHT 8634	END TIME 2310Z 10 JULY 80 ENDING LAT. 18° 21.80' ENDING LONG. 75° 44.00'
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m	GROUP INTERVAL 140 m / w/ EXCEPTIONS FAR TRACE 1 @ 3084 m.
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1 FP SLOPE 18 dB/OCT SLOPE 72 dB/OCT. SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS * 140m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24, WHICH ARE SPACED 70 m APART.	



CRUISE			LINE		AREA-PROJECT												DATE	
FM05-2			CT2-20A		Caribbean Tectonics II												10 July 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (MB)		TRIP	REC.	FLD	REP.	WATER	REL PIPE	CONTINUITY	REMARKS	SS		
						INIT	PAUL	FWL	DEL.	STG.	RATE	DEPTH (FM)	TIMES	ON LEAKAGE				
140621	052108	8692	0662												Begin line CT2-19-first record			
141933		8728	0726	1160	4190	1632							24 26 27 24			ck		
143139		8761	0767										24 24 26 23		ck			
144417	052108	8797	1103												last record			
144439	052109	8798	1103	1060	5241	4231							23 23 24 23			first record		
150149		8846	1114												timed shot			
152326	052109	8905	1120										24 24 23 20		L.S.			
152348	052110	8906	1121	1060	5341	4139									F.S.			
160345	052110	9012	1136												L.S.			
160404	052111	9013	1136												F.S.			
160940		9016	1136															
164239	052111	9121	1153										24 26 26 21		MISSING SP9015			
164301	052112	9122	1153												L.S.			
172003	052112	9223	1170												F.S.			
172024	052113	9224	1170												L.S.			
173500		9261	1175												F.S.			
180144	N/	9334	2062										24 26 24 18		timed shot			
180206	052113	9335	2063												L.S.			
180228	052114	9336	2064												missed record 2063			
184120	052114	9442	2236												F.S.			
184152	052115	9443	2237	2505	5405	32							21 22 22 23		L.S.			
191806	↓	9542	2402												F.S.			
195034	052115	9549	2411												timed shot			
195656	052116	9550	2412												L.S.			
													24 24 25 23		F.S.			

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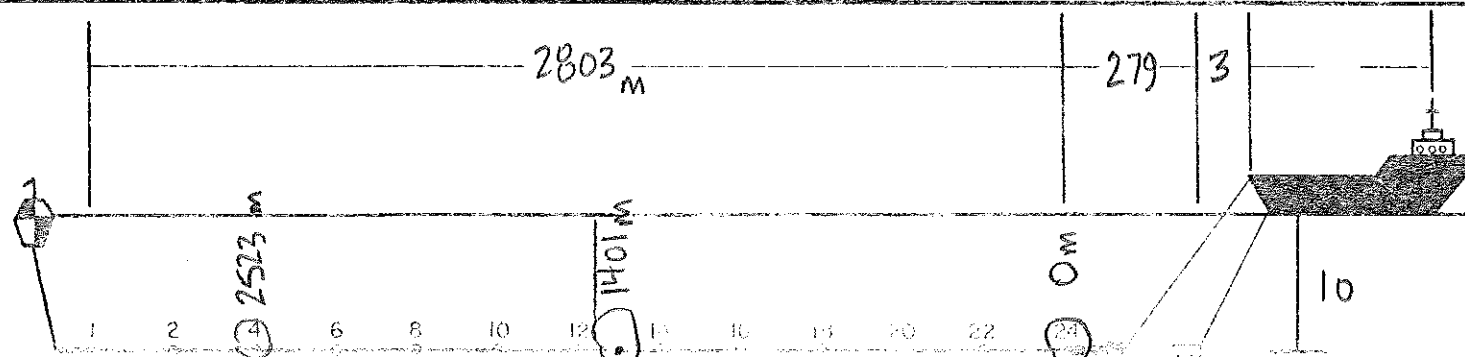
CRUISE FM05-2	LINE CT2-20B
START TIME 2310 Z 10 JUL 80 START LAT. 18° 21.80' N START LONG. 75° 44.00' W	END TIME 0630 Z 11 JUL 80 ENDING LAT. 17 57.45' N ENDING LONG. 75 15.65' W SHTPT 1377
SOURCE 4 BOLT AIR GUNS. SOURCE DEPTH 10 M	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m.	GROUP INTERVAL 140 m w/ EXCEPTIONS FAR TRACE 1 @ 3084 m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 NOTCH OUT.	GAIN MODE 1FP SLOPE 18 dB/OCT SLOPE 72 dB/OCT SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24.	
REMARKS 140 M SPACING BETWEEN TRACES, EXCEPT 2-3-4 11-12-13 AND 22-23-24, WHICH ARE SPACED 70 M APART.	



CRUISE		LINE		AREA-PROJECT										DATE	
FM05-2		CT2-20B		CARIBBEAN TECTONICS II										10 JULY 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (f)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB
231515	052122	0191	3604												
232615	↓	0221	3642	2067	53	3736	31					24 21 21 21		FIRST SHOT	
233715	↓	0251	3700											TIMED SHOT	
235345	052122	0296	3755											TIMED SHOT	
235407	052123	0297	3756											LAST SHOT	
001143	↓	395	4036									25 21 26 23			
002327	↓	377	4076	2163	55	4144	31					25 22 25 23			
003405	052123	406	4133												
003427	052124	407	4134	2162	55	4041	30					24 23 24 21			
005203	↓	455	4214									24 26 25 23			
011151	052124	0509	4302												
01213	052125	0510	4303											Last record / galvo	
013603	↓	0575	4404									20 28 29 29			
015021	052125	0614	4453											3 guns in water since 00322	
015043	052126	0615	4454											Last rec	
020629		0658	4527											1st "	
021517		0682	4557									21 22 24 24			
022851	052126	0719	4624												
022913	052127	0720	4625	2170	55	4135	20					22 25 27 25		last record - parity errors	
024225		0756	4671											first record	
025749		0798	4743									22 26 28 24			
030805	052127	0826	4777												
030827	052128	0827	5000	1557	47	4043	26					20 27 28 23		last record	
032139		863	5044									20 25 25 24		first record skipped 5000 start on 1st 5001	

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CRUISE FM05-2	LINE CT2-21
START TIME 0630Z 11 JUL 80 START LAT. 17° 57.45' START LONG. 75° 15.65'	END TIME 0040Z 12 JUL 1980 ENDING LAT. 19° 40.20' N ENDING LONG. 75° 08.70' W
SOURCE 4 BOLT AIR GUNS. SOURCE DEPTH 10 m.	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 278 m	GROUP INTERVAL 140 m w/ EXCEPTIONS * FAR TRACE #1 @ 3804 m
INSTRUMENT T1 DFSTV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE 18 dB/OCT SLOPE 72 dB/OCT SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24	
REMARKS * 140 m BETWEEN TRACES, EXCEPT BETWEEN 2-3-4, 11-12-13 AND 22-23-24, WHICH HAVE 70 m SPACING.	



CRUISE		LINE		AREA-PROJECT										DATE	
FMOS-2		CTZ-21		Caribbean Tectonics										Jul 11 1980	
TIME	REEL	SH. FT	RECORD NO.	STRMER	DEPTH	GAIN (DB)	TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	Obs.
063030	52133	1378	6047											Begin turn for CTZ-21	
065130	↓	1435	6141											End of Turn 1st shot CTZ-21	
070128	52133	1462	6173											L.S.	
070142	52134	1463	6174	8 4 3 8 4 3 8								23 24 24 22		F.S.	
073900	52134	1565	6342											L.S.	
073922	52135	1566	6343											F.S.	
080548		1638	6453	5 6 5 3 4 0 4 5 3 0								21 21 22 21		Test shot	
081711	52135	1669	6512											L.S.	
081733	52136	1670	6513											F.S.	
083129		1709	6561	20 6 2 5 3 4 1 4 8 3 4								21 22 22 19		Test S.	
085306	52136	1767	6654											L.S.	
085328	52137	1768	6655											F.S.	
091317		1822	6743	20 6 0 5 2 4 0 4 5 3 2								26 22 24 22		L.S.	
093221	52137	1874	7027											L.S.	
093243	52138	1875	7030											F.S.	
094555		1911	7074	20 6 3 5 4 4 2 4 5 8 3 4								22 19 20 18		L.S.	
101007	52138	1977	7176												
101029	52139	1978	7177												
102212		2009	7237	20 6 1 5 4 4 0 4 4 3 2								24 20 19 22		L.S. - Calor Record	
103000														3 guns out	
105831	52139	2109	7402											3 guns now working	
105853	52140	2110	7403											F.S.	
110825		2136	7435	2 6 2 5 3 4 0 4 8 3 5								20 25 27 28		L.S.	
111500														4 guns now working	

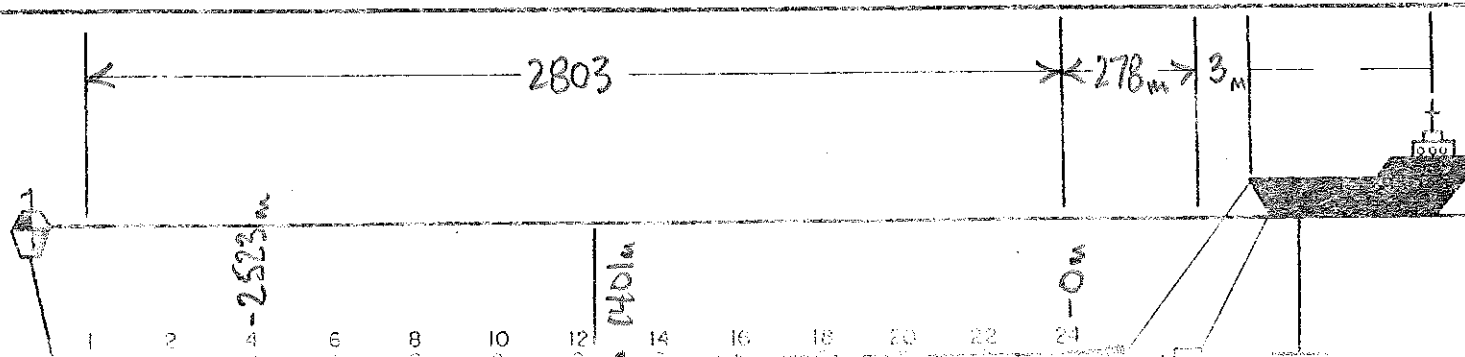
CRUISE		LINE		AREA-PROJECT										DATE	
FMDS-2		CV2-21		Caribbean Tectonics II										11 July 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (MB)	TRIP DEL.	REC. CORR.	FLD	REP. RATE	WATER OPTH (fm)	REL FIRE TIMES	CONTINUITY OF LOGGING	REMARKS	OB INIT
113616	52140	2212	7551					12sec	24	22					
113638	52141	2213	7552					↓	↓	↓					
115754		2271	7644	2162	53411839										
121531	052141	2319	7724									25 26 26 24			
121553	052142	2320	7725	2461	53464536							26 26 26 25			
123245	↓	2366	0009									25 26 25 24			
124321	↓	2394	0038									26 26 23 24			
125211	052142	2419	0071												
125233	052143	2420	0072	2464	53411737							25 27 24 24		last record missed end of record, backed off tape - missed 2 shots & 1 record	
125529	052143	2428	0073											first record	
130947	↓	2467	0142											ck	
132131	↓	2499	0120									26 27 25 25		ck	
133337	052143	2532	0243											last record	
133359	052144	2533	0244	2562	54414637							25 27 25 25		first record	
134521	↓	2564	0303									26 26 27 24		ck	
135727	↓	2598	0344									25 27 27 24		ck	
141145	052144	2636	0413											last record	
141207	052145	2637	0414	2662	54414634							25 26 26 24		first record	
142413		2670	0455									24 26 25 24		ck	
143809		2708	0523									25 27 26 24		ck	
144953	052145	2740	0563											last record	
145015	052146	2741	0564	2660	54414935							26 28 24 25		first record	
150305		2776	0627											timed shot w/ galvo rec.	
151427		2807	0666									24 27 23 23		ck	

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CRUISE		LINE		AREA-PROJECT		DATE								
FM05-2		CT2-21		CARIBBEAN TECTONICS II		11 JULY 80								
TIME	PEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALV (MV)	TRIP DEL.	REC. DATE	REP. DATE	WATER UP IN (Fm)	FEL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	CU LINE
205019	052155	3723	2501					12	24	22			TIMED SHOT	
210627	↓	3767	2555										TIMED SHOT w/GALVO REC	
211749	052155	3798	2614										LAST SHOT	
211811	052156	3799	2615										FIRST SHOT	
212911	↓	3829	2653	2263	54414936						26 27 26 25		TIMED SHOT	
214011	↓	3859	2711										TIMED SHOT	
215512	052156	3900	2762										LAST SHOT	
215534	052157	3901	2763										FIRST SHOT	
221311	↓	3949	3043	2062	54414835						26 25 24 26		TIMED SHOT	
222813	↓	3990	3114										TIMED SHOT	
223317	052157	4005	3133										LAST SHOT	
223405	052158	4006	3134										FIRST SHOT	
224505	↓	4036	3172	2164	55414835						26 26 25 25		TIMED SHOT w/GALVO REC	
225945	↓	4076	3242										TIMED SHOT	
231107	052158	4107	3301										LAST SHOT	
231129	052159	4108	3302										FIRST SHOT	
232229	↓	4138	3340	2064	54414735						24 26 24 25		TIMED SHOT	
233329	↓	4168	3376										TIMED SHOT	
235021	052159	4214	3454										LAST SHOT	
235043	052160	4215	3455										FIRST SHOT	
000333		4250	3520	2669	54424635						26 27 26 24		ck	
001729	↓	4288	3566								27 26 26 25		ck	
002807	052160	4317	3623										last record	
002829	052161	4318	3624										first record	

CRUISE		LINE		AREA-PROJECT										DATE	
FM05-2		CT2-21		Caribbean Tectonics II										12 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)	TRIP DEL.	REC. LSTH	REP. RATE	WATER DEPTH (FATH)	REL FIRE THRS	CONTINUITY OR LEAKAGE	REMARKS		
003859	052161	4333	3643	26	69	55	40	47	33		27	26	24	End line CT2-21 and begin turn to CT2 22 at 50/min	
003951		4349	3663												
		4384	3726												
005241		4384	3726												
010319	052161	4413	3763											lined shot, in turn	
														last shot, end turn	

CRUISE FM05-2	LINE CT2-22
START TIME 0040 Z 12 JUL 80 START LAT. 19° 40.60' N START LONG. 75° 08.70' W	END TIME 2115 Z 12 JUL 80 ENDING LAT. 18° 38.25' N ENDING LONG. 73° 31.25' W
SOURCE 4 Bolt AIR GUNS SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m	GROUP INTERVAL 140 m WITH EXCEPTIONS FAR TRACE 1 @ 3084 m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1FP SLOPE 18 dB/oct SLOPE 72 dB/oct SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140 m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24 WHICH HAVE 70 m SPACING	



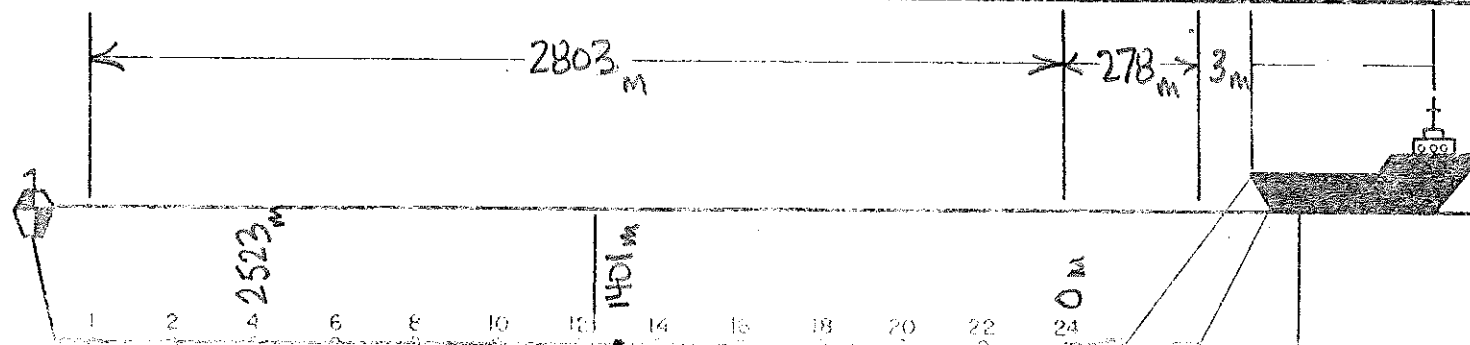
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CRUISE		LINE		AREA-PROJECT										DATE	
F1105-2		CT2-22		Caribbean Tectonics II										12 July 80	
TIME	REEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GATH (US)		TRIP	REC.	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	OS
						UNIT	RATE	DEL.	LOG	DATE	DEPTH (FM)	TIMES	OR LEAKAGE		
113716	52178	6142	7264	216	54425012					22		25 24 24 23		Test Shot	
115622	52178	6194	7350											L.S.	
115644	52178	6195	7351											F.S. first record	
1121419		6243	7431									24 25 21 22		ck	
122201	↓	6264	7456												
123535	052179	6301	7523											last record	
123557	052180	6302	7524	1664	544150190							25 24 22 21		first record	
124953		6340	7572									24 24 22 22		ck	
130137	↓	6372	7632									25 24 24 23		ck	
131259	052180	6403	7621											last record	
131321	052181	6404	7672	2164	54404939							21 24 25 23		first record	
132337		6432	7726									24 23 23 21		ck	
133839		6473	7777									23 24 23 24		ck: roll-over to 0001	
135151	052181	6509	0044												
135213	052182	6510	0045	1964	54404944							24 24 24 22			
140335	↓	6541	0104												
141625	↓	6576	0147									23 24 23 24			
143021	052182	6615	0215											last rec Bad tape, lost 4 rec	
143613	052183	6629	0221	1964	53405142							24 25 23 23		1st rec.	
145031		6669	0271									24 23 21 22			
150109		6698	0326									23 24 19 24			
151315	052183	6731	0367											last record	
151337	052184	6732	0370	2064	55404641							20 24 22 21		first record	
152521		6764	0430									23 23 20 23			

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CRUISE FMOS-2	LINE CT2-23
START TIME 2115 Z 12 JUL 80 START LAT. 18° 38.25' N START LONG. 73° 31.25' W. Shot at 771g	END TIME 0810 13 JUL 80 ENDING LAT. 19° 30.55' N ENDING LONG. 72 58.00' W Shot # 9503
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m	GROUP INTERVAL 140 m w/ EXCEPTIONS FAR TRACE 1 @ 3084 m
INSTRUMENT T1 DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE 18 dB/OCT SLOPE 72 dB/OCT SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24	
REMARKS 140 m SPACING BETWEEN TRACES, EXCEPT 2-3-4, 11-12-13 AND 22-23-24 WHICH HAVE 70m SPACING	

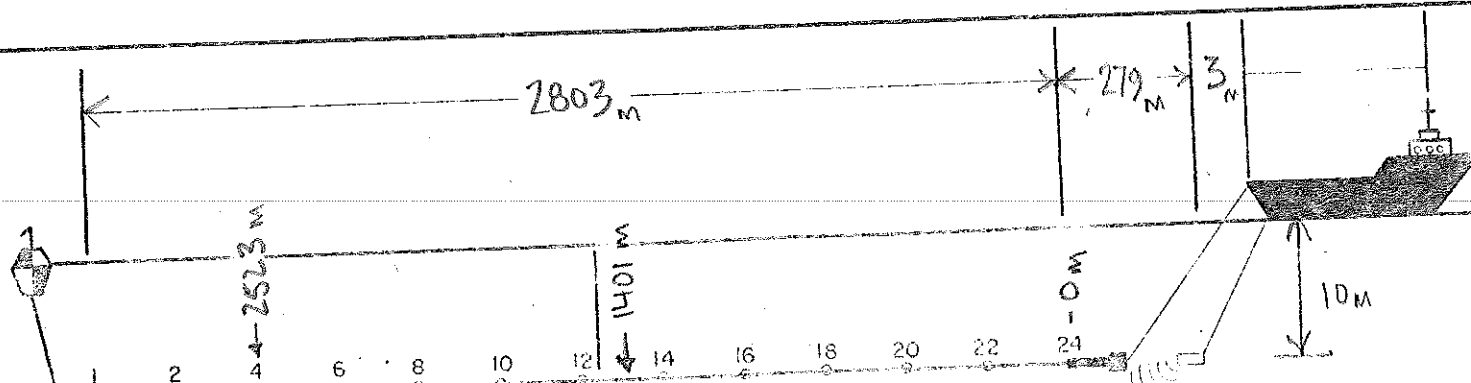


CRUISE		LINE		AREA-PROJECT														DATE	
FM05-2		CT2-23		CARIBBEAN TECTONICS II														12 JULY 80	
TIME	FEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL	REC. DEL	FLD	REP. RATE	WATER DEPTH (Ft)	FEL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	JS				
214429	052194	7798	2442																
215551	↓	7829	2501					12	24	22				FIRST SHOT					
220651	↓	7859	2537	1465	53	405035								TIMED SHOT					
222427	052194	7907	2617									20 23 21 23		TIMED SHOT					
222449	052195	7908	2621											LAST SHOT					
223549	↓	7938	2656	1464	52	405136								FIRST SHOT/REC # ERROR 17⇒21					
224649	↓	7968	2714									20 21 19 21		TIMED SHOT					
230257	052195	8012	2770											TIMED SHOT					
230319	052196	8013	2771											LAST SHOT					
231419	↓	8043	3027	1465	54	405036								FIRST SHOT					
232519	↓	8073	3065									20 22 23 22		TIMED SHOT					
234255	052196	8121	3145									19 21 21 20		TIMED SHOT w/GALVO REC					
234317	052197	8122	3146											LAST SHOT					
235417	↓	8152	3204	1465	54	405035								FIRST SHOT					
001343	↓	8205	3271									19 22 21 21		TIMED SHOT					
002041	052197	8224	3314																
002103	052198	8225	3315																
003819	↓	8272	3374	1565	53	405035													
004751	↓	8298	3426									20 22 19 21		TIMED SHOT					
012919	052198	8335	3473									20 22 21 22		TIMED SHOT					
012941	052199	8336	3474											LAST SHOT					
011625	↓	8376	3544											FIRST SHOT					
012747	↓	8407	3603									21 22 24 21		TIMED SHOT					
012939	↓	8412	3610											TIMED SHOT					
														TIMED SHOT w/GALVO REC					

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CRUISE FM05-2	LINE CT2-24
START TIME 0810 Z 13 JUL 80 START LAT. 19° 30.55' N START LONG. 072° 58.00' W ON COURSE AT 0838	END TIME 0040 Z 14 July 1980 <u>end line</u> ENDING LAT. +18° 44.10' N ENDING LONG. -74° 07.60' W
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10 M	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 M	GROUP INTERVAL 140 M WITH EXCEPTIONS * FAR TRACE 1 @ 3084 M
INSTRUMENT T1 DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE 18 dB/OCT SLOPE 72 dB/OCT SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4 ms. NOMINAL FOLD 24	
REMARKS * 140 M TRACE SEPARATION, WITH FOLLOWING EXCEPTIONS, WHICH HAVE 70 M BETWEEN TRACES 2-3-4, 11-12-13, 22-23-24	



CRUISE		LINE		AREA-PROJECT		DATE								
FM 05-2		CT2-24		C.V. II		13 July 80								
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. ST.	FLU	REP. DATE	WATER DEPTH (FATH)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS
084323	052211	9595	6047					12	24	22				F.S.
090058		9643	6127	126553	405036							23 22 22 24		T.S.
092024	052211	9696	6214											R.S.
093046	052212	9697	6215											F.S.
093018		9723	6247	16554	405041							26 26 26 27		T.S.
100000	052212	9804	6370											T.S.
100021	052213	9805	6371											F.S.
100954		9831	6423	264534	405040							24 26 24 28		T.S.
103830	052213	9909	6541											T.S.
103852	052214	9910	6542											T.S.
104500		9927	6563	166555	404638							25 28 26 27		T.S.
111706	052214	0017	6714											T.S.
113013	052215	0051	6722											F.S. - <u>missalite</u> - dirty pickup
114704		0097	6777	Rewind										
120949	052215	0116	7075											last record - last record 7075 - short rec
			7076											missed 5 shots
121201	052216	0165	7076											first record
121943		0186	7122											missed one shot (185?)
123149		0219	7163											ck
124417		253	7225	226454	465039							27 28 25 27		ck
125115	052216	272	7250											last record
														missed 5 shots
125327	052217	278	7251											first record
130639		314	7315	216554	405045							24 27 26 27		ck

7122

101

1015

CRUISE		LINE		AREA-PROJECT								DATE	
FM05-2		CT 2-29		Caribbean Tectonics II								18 July 1980	
TIME	FUEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GAIN (dB)	TRIP DEL.	REC. LSTH	REP. RATE	MIL FIRE TONES	CONTINUITY OR LEAKAGE	REMARKS	OB
131655	052217	342	7451							26 27 26 28	/ / / /	ck } rewind last record	
133157	052217	383	7422								/ / / /	missed 4 shots first record	
133337	052218	388	7423								/ / / /	ok. first record	
133939		404	7443	216653	415146					27 27 26 27	/ / / /	ck	
135229		439	7506							27 27 28 28	/ / / /	ck	
141133	052218	491	7572								/ / / /	last record missed 3 shots	
141301	052219	495	7573								/ / / /	first record	
142529		529	7633								/ / / /	lost 2 shots/short record?	
144053		571	7706	276954	415039					24 27 27 26	/ / / /	ck	
145237	052219	603	7746								/ / / /	last record 3 shots lost	
145405	052220	607	7747								/ / / /	first record	
150315		632	7777								/ / / /	ck	
1511733		671	0050	226555	405039					26 26 25 25	/ / / /	ck	
153263	052220	711	0121								/ / / /	last record skipped rec'd 0120 missed 3 shots	
153341	052221	715	0121								/ / / /	first record - 2nd rec'd 0121	
153509		719	0124								/ / / /	missed 1 shot (718?)	
1554135		772	0211	256554	403035					26 26 23 26	/ / / /	f. shot	
161254	052221	821	0273								/ / / /	L.S. (missed 4 shots)	
161414	052222	826	0274								/ / / /	F.S.	
162840		866	343							25 26 25 26	/ / / /	timed shot	
163728	052222	889	373							24 26 24 26	/ / / /	timed shot	

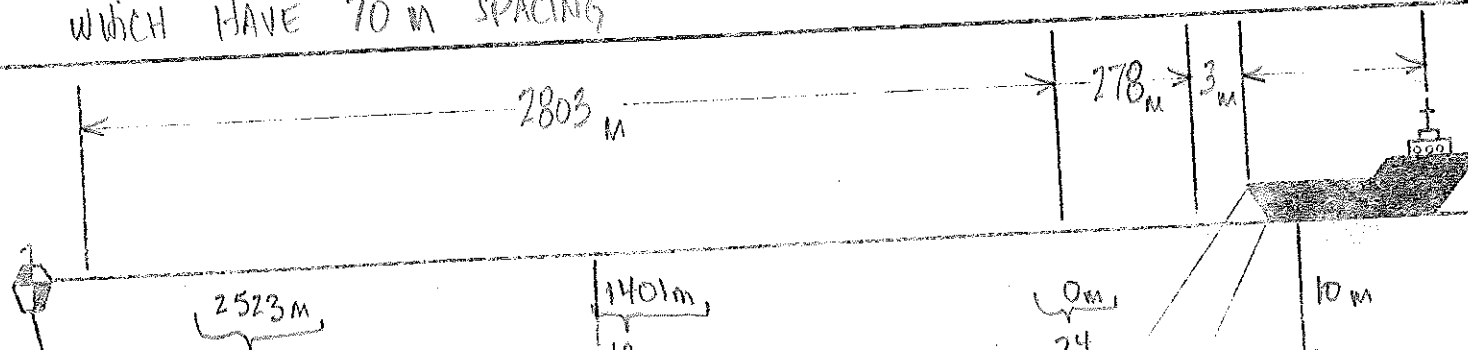
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CRUISE				LINE		AREA-PROJECT										DATE	
FM05-2				CT2-24		CARIBBEAN TECTONICS II										13 JULY 80	
TIME	REEL	SH. PT	RECORD NO.	STEREO	DEPTH	GAIN (dB)	TRIP	REC.	FLD	REP.	WATER	REL. FIRE	CONTINUITY	REMARKS	OB		
											DEPTH (FATH)	TIMES	OR LEAKAGE				
211715	052229	1652	11710					12sec	24	22sec				LAST SHOT			
211844	052230	1656	11711											FIRST SHOT			
212921		1685	11746	2765	53	40	49	40				25 26 26 27		TIMED SHOT			
213641		11705	11772									23 25 25 27		TIMED SHOT w/GALVO REC			
215757	052230	1763	2064											2.I.S.			
215925	052231	1767	2065											FIRST SHOT			
221047		11798	21124									20 22 25 27		TIMED SHOT			
222421		11835	21171											TIMED SHOT			
223733	052231	11871	2235											LAST SHOT			
223945	052232	1877	2236											FIRST SHOT			
225045		1907	2274											TIMED SHOT			
230145		1937	2332									24 25 24 26		TIMED SHOT			
231815	052232	1982	2407											LAST SHOT			
232005	052233	1987	2410											FIRST SHOT			
233825		2037	2472									24 26 24 27		TIMED SHOT			
234925		2067	2530									24 26 25 27		TIMED SHOT w/GALVO REC			
235857	052233	2093	2562											LAST SHOT			
000047	052234	2098	2563											first record			
001337		2133	2626	2069	53	40	50	40				25 25 25 26					
002711		2170	2673	2565	54	40	50	40				20 26 26 27					
004001		2205	2736											last record (last rec = short.)			

UT-MSI GEOPHYSICS LABORATORY

PAGE 49 OF

CRUISE FMØ5-2	LINE CT2-25
START TIME 0040 Z 14 JUL 80 START LAT. 18° 44.50' N START LONG. 71° 07.20' W	END TIME 2245Z 14 JUL 80 ENDING LAT. 20° 29.50' N. ENDING LONG. 73° 07.77' W
SOURCE 4 BOLT AIR GUNS. SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m	GROUP INTERVAL 140 m, WITH EXCEPTIONS. FAR TRACE 1 @ 3084 m.
INSTRUMENT TI DFS IV FILTERS: LOW 3 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1 FP SLOPE 18 dB/oct SLOPE 72 dB/oct SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4 ms. NOMINAL FOLD 24	
REMARKS 140 m SPACING EXCEPT FOR TRACES 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70 m SPACING	



CRUISE		LINE		AREA - PROJECT										DATE	
FM05-2		CT2-25		Caribbean Tectonics 2										14 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STAMEN	DEPTH	GAIN (db)	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD	RECORD
014707	052235	2388	2741											26262827	FIRST COMPLETE TAKE OF CT2-25
020019		2424	3085	206553404943										26272329	CK
021141		2455	3094												CK
022453	052235	2491	3111												last record skipped 3110
															lost 10 shots + 2 records
															bad tape head on drive A
022855	052236	2502	3114												first record
024525		2547	3171											27272630	CK
025457		2573	3223											25262527	CK
030619	052236	2604	3262												last record - lost 5 shots
030831	052237	2610	3263												first record
032227		2648	3331	256453405039										29292729	CK
033411		2680	3371											24242628	CK
034139	052237	2714	3433												last record - short record
034223	052238	2716	3434												first record
040950		2777	3531												TIMED SHOT
043040	052238	2834	3622												L.S. GREAT AMOUNT OF PARTIAL CANNONS
043100	052239	2835	3623	256453405032										26262527	F.S. (FIRST SHOT)
044417		2871	3667												TIMED SHOT
050720		2934	3766												TIMED SHOT
050907	052239	2939	3773												L.S. (LAST SHOT)
050929	052240	2940	3774												F.S.
051200		2947	4003												TIMED SHOT
053700		3015	4107												TIMED SHOT

SEE PAGE 48

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79 29

CRUISE			LINE		AREA-PROJECT										DATE		
V-M05-2			CT2-25		Caribbean Tectonics II										14 July 80		
TIME	REEL	SHT. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)			TRIP	REC.	FLD	REP.	WATER	REL. FIRE	CONTINUITY	REMARKS	SS
				1	2	3	4	5	6	INITIAL RATE	REL.	LGTH	RATE	DEPTH (FM)	TIMES	OR MESSAGE	
095614	052246	3722	5412														
095636	052247	3723	5413														
?	052247	3732	5416														
100102	052248	3735	5417														
101602	✓	3776	5468	22	65	54	40	30	41					25	27	13	RS
102238	052248	3794	5512														
103702	052248	3836	5564														
103724	052249	3837	5565														
105522	↓	3883	5643	25	65	54	40	51	42					25	26	24	24
110700	↓	3915	5703														
112034	052249	3952	5750														
112056	052250	3953	5751														
113430	↓	3990	6016	25	64	54	40	50	40					22	26	24	24
114446	↓	4018	6052														
115758	052250	4054	6116														
115820	052251	4055	6117	118													
121406		4098	6172	26	64	53	40	50	44					27	26	23	25
122613		4131	6263														
124115	052251	4172	6304														
124147	052252	4173	6305											25	26	23	24
125405		4207	6347	20	65	53	41	54	30					26	26	22	25
130717		4243	6413														
131923	052252	4276	6454														
131945	052253	4277	6455														
132216																	
132216																	

Disregard, bad tape

Disregard, bad tape

parity data errors
Was Bad tape - X
3 shots between restart attempt recorded

V.S.
V.S.
V.S.
Z.S.
F.S.
V.S.
V.S.
Z.S.
F.S.

V.S.
V.S. + Galvan Record
Z.S.
V.S.

ck

ck

last record

first record

ck

ck

last record

first record - sync + data errors

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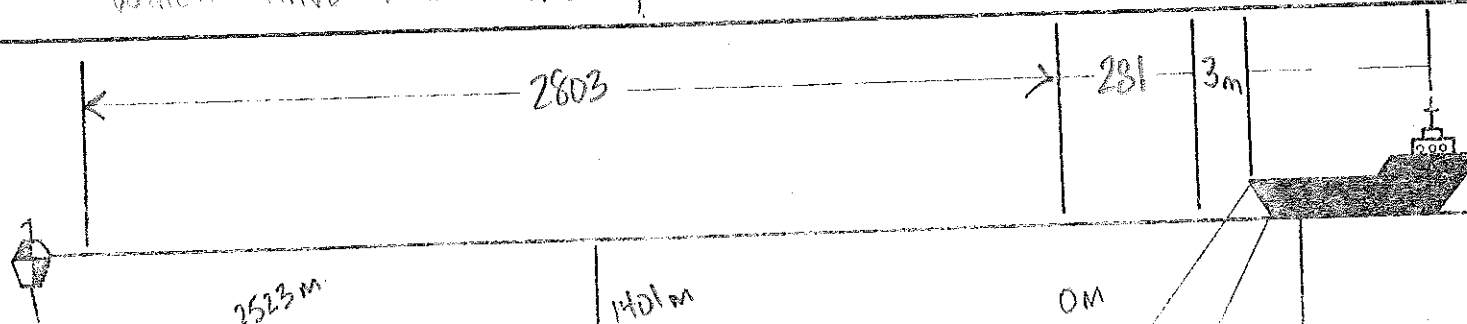
CRUISE		LINE		AREA-PROJECT										DATE		
FM 05-2		CT2-25		CARIBBEAN TECTONICS II										14 JULY 80		
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALT (JB)	TRIP DEL.	REC. STH	FLU	REP. RATE	WATER DEPTH (FATH)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	DB VI.	
1172250	052258	4940	7645	REWIND										L.S. 2 shots missing		
1172356	052259	4943	7646											F.S.		
1173434		4972	7703	REWIND										timed shot		
1175254		5022	7705											timed shot + galvo ric.		
180311	052259	5050	0022											L.S. lost 2 shots		
1804116	052260	5053	0023	20.65	53	40	50	45						F.S.		
				52										lost 106 + 7 shots		
		5112	1107													
182722		5116	1113											good		
														missed record 1141		
182805		5118	1115											timed shot		
		5128	1127	REWIND										missed record 137		
														missed SP5135-6		
		5146	1135											records 1324133		
183713	052260	5143	1136											missed SP5138+39		
														missed 5141-		
														OCT. 144 shot		
		5152	1146	OK										145 bad (SP 5151-2)		
	052261													lost OCT 164		
		5167	1165	OK										OK		
		5176	1167	OK										lost 166		
185006	052260	5178	1177											L.S.		
185300	052261	5186	1200											F.S.		
191508		5246	274	30	45	55	40	52	48			24	24	25	21	timed shot

CRUISE			LINE		AREA-PROJECT										DATE						
FM 05-2			CT2-25		CARIBBEAN TECTONICS II										14 JUL 80						
TIME	REEL		SH. PT	RECORD NO.	STRMER DEPTH						GAIN (db)		TRIP DEL.	REC. STR.	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OS
	10	100			1000	10000	100000	1000000	INIT	SEE	LINE										
193814	052261	5282	0340	rewind															timed shot		
193216	052261	5293	353																Counter reads 0311		
194105	052262	5317	355																		
195810		5364	433																last record 354 + 22 shots		
201851	052262	5420	524																DRIVE A out of adjustment		
202041	052263	5425	525																timed shot		
203141		5455	562	29.66	53	40	52	40								24	24	24	24	LAST SHOT	
204241	↓	5485	621																	FIRST SHOT	
205933	052263	5531	676																	Timed Shot w/GALVO REC	
210101	052264	5535	677																	Timed Shot REC II 7 → 1 ERROR	
211201		5565	735																	LAST SHOT	
212301	↓	5595	773																	FIRST SHOT	
213931	052264	5640	1050																	Timed Shot	
214121	052265	5645	1051																	Timed Shot	
215221	↓	5675	1107																	LAST SHOT	
220321	↓	5705	1145	17	65	54	39	51	36											FIRST SHOT	
221833	052265	5749	1221																	Timed Shot	
222001	052266	5753	1222																	LAST SHOT	
223101	↓	5783	1247																	FIRST SHOT	
224201	↓	5813	1305																	Timed Shot	
224441	052266	5818	1312																	Timed Shot	
																				end of line, tape machine	
																				down for repairs. last shot	

UT-MSI GEOPHYSICS LABORATORY

PAGE 56 OF

CRUISE FM 05-2	LINE CT2-26
START TIME 0534Z 15 JUL 80 START LAT. 20° 29.40' START LONG. 73° 13.10'	END TIME 1010Z 15 JUL 80 ENDING LAT. 20° 36.95' N ENDING LONG. 73° 36.07' W
SOURCE 4 BOLT AIR GUNS SOURCE DEPTH 10M	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281m	GROUP INTERVAL 140m w/ EXCEPTIONS. FAR TRACE 24 @ 3084m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE 1FP SLOPE 10dB/oct SLOPE 72dB/oct SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms. NOMINAL FOLD 24.	
REMARKS 140m GROUP SPACING, EXCEPT TRACES 2-3-4, 11-12-13, 22-23-24, WHICH HAVE 70m SPACING	



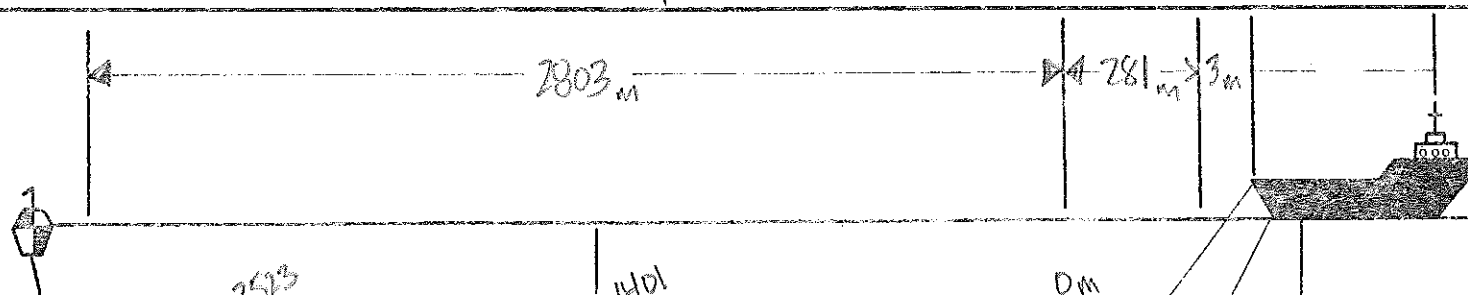
CRUISE		LINE		AREA-PROJECT														DATE	
FM 05-2		CT2-26		CARIBBEAN TECTONICS II														15 JULY 80	
TIME	PEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DEPTH (F)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS		OF			
053252	052267	6931	1602	25	60	50	40	52	60					1st shot of tape & line using 3 guns - H4 down cb shot w/ galvo record L.S. 5 shots missed F.S.					
053420		6935	1606																
054056		6953	1630																
0611044	052267	7034	1751																
061250	052268	7040	1752											cb. shot cb. shot L.S. 5 shots missed F.S.					
062340		7070	2010																
063428		7099	2045																
065209	052268	7147	2125																
065415	052269	7153	2136											L.S. 5 shots missed F.S. 2 missed shots 7154-5 L.S. missed 4 shots F.S.					
065630		7160	2133																
073458	052269	7264	2303																
073648	052270	7267	2304																
073920		7276	2313											REWIND					
075340		7315	2362	29	65	53	40	52	42										
081435	1270	7372	2453																
081647	052271	7378	2454																
083656		7433	2543											REWIND					
083824		7437	2547																
085009		7469	2550																
090109		7499	2607																
090723	271	7516	2627											REWIND					
090913	052272	7521	2630																
092710		7569	2711	28	65	59	40	52	47										
094827		7628	3003																

CRUISE						LINE							AREA-PROJECT								DATE			
FMOS-2						CTA-26							Carib! Electronics II								15 July 80			
TIME		PEEL		SH. PT.	RECORD NO.	STRMER DEPTH						GAIN (dB)		TRIF DEL.	REC. LOSS	FLU	REP. RATE	METER VOLTS (V)	REL FIRE TIMES		CONTINUITY OR LEAKAGE	REF RKS	OB. UNIT	
H	M	S	F			1	2	3	4	5	6	INIT	TATE	JTC				P ₁	P ₂	P ₃				
09	49	55		0	52273	76	32					3004												
10	03	29				76	69					3051	29 ¹ / ₅	52 ¹ / ₁₀	52 ¹ / ₁₀									
10	10	28				76	88					3074												
10	28	25				77	37					3155												
																						F.S.		
																						T.S., Galva rec'd		
																						Last shot on line CTA-26		
																						5 shots missed		

UT-MSI GEOPHYSICS LABORATORY

PAGE 39 OF

CRUISE FMOS-2	LINE CT2-27
START TIME 1010Z 15 JUL 80 START LAT. 20° 36.95' N START LONG. 73° 36.07' W	END TIME 1340Z 16 JUL 80 ENDING LAT. 18° 28.60' N ENDING LONG. 79° 06.25' W
SOURCE 4 BOLT AIR GUNS. SOURCE DEPTH 10m.	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 1 @ 281m	GROUP INTERVAL 140m w/ EXCEPTIONS FAR TRACE 24 @ 3084m
INSTRUMENT T1 DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE IFP SLOPE 18dB/OCT SLOPE 72dB/OCT SLOPE <u> </u>
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140m GROUP SPACING, EXCEPT TRACES 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70m SPACING.	



CRUISE		LINE		AREA-PROJECT										DATE	
FM05-2		CT2-27		Caribbean Tect. II										15 July 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)	FRI DEL.	REC. RATE	REP. RATE	WATER DEPTH (F)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OL	
103037	052274	7743	3156					12	24	22					
104348		7779	3212	2860	4440	5240	rewind				25 25 25 24		T.S.		
105722		7816	3267	3064	5040	5640					24 27 27 24		T.S. Galoo. Rewind		
110951	274	7850	3331											2 S, lost 3 shots	
111119	052275	7854	3332										T.S.		
111816		7873	3355	3065	5440	5044	rewind						T.S.		
113340		7915	3427	3065	5540	5041					26 28 24 P3		T.S.		
114905	052275	7957	3501											2 S. lost 4 shots	
115055	052276	7962	3502										T.S.		
120915		8012	3564	3065	5540	5042	rewind				25 25 21 22		ck		
121657		8033	3611								22 26 24 23		ck		
122903	052276	8066	3652											last record	
123031	052277	8070	3653										first record		
124321		8105	3716	3167	5540	5042	rewind				23 26 25 22		ck		
125717		8143	3764								22 23 22 22		ck		
130923	052278	8176	4025											last record	
131219	052278	8184	4026	3066	5540	5042	rewind				22 24 23 22		first record		
132659		8224	4075								23 24 25 22		ck		
134201		8265	4147								22 24 23 22		ck		
135111	052278	8290	4201				REWIND						last record skipped rec# 4200		
135301	052279	8295	4201	3465	5540	5040					23 23 24 22		first record		
140511		8328	4242											TIMED SHOT	
141735		8362	4304								23 23 21 22				
143215	052279	8402	4354										last record		

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CRUISE		LINE		AREA-PROJECT														DATE						
FM05-2		CT2-27		Caribbean Tectonics														Jul 15 '80						
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH						GAIN (DB)			TRIP DEL.	REC. LETH.	FLD	REP. RATE	WATER DEPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	CS
				1	2	3	4	5	6	INIT	RETR	TIME						25	24	26	24			
194522	052287	9256	6052										12s	24	22s								ck shot galva	
195221	052287	9275	6075																				L.S	
195412	052288	9280	6076	356	554	5340											25	24	26	24			F.S	
200850		9320	6146	3566	5440	5343																	TIMED SHOT	
202140	✓	9355	6211														23	24	27	24			TIMED SHOT w/GALVO REC	
203322	052288	9386	6250																				LAST SHOT	
203430	052289	9390	6251																				FIRST SHOT	
204530		9420	6307																				TIMED SHOT	
205630	✓	9450	6345	3567	5540	5043											23	24	26	23			TIMED SHOT	
211238	052289	9494	6421																				LAST SHOT	
211406	052290	9498	6422																				FIRST SHOT	
212506		9528	6461																				TIMED SHOT REC # ERROR	
2137516	✓	9563	6523	3567	5540	5142											34	28	28	40			TIMED SHOT	
215358	052290	9604	6574																				LAST SHOT	
215426	052291	9608	6575																				FIRST SHOT	
220800		9645	6442														24	24	X	25			TIMED SHOT	
221900	✓	9675	6701																				TIMED SHOT w/REC # ERROR	
223318	052291	9714	6747																				LAST SHOT	
223446	052292	9718	6750																				FIRST SHOT	
224546		9748	7006														29	28	28	30			TIMED SHOT w/GALVO REC	
225646	✓	9778	7044														28	28	28	25			TIMED SHOT	
231316	052292	9823	7121																				LAST SHOT	
231506	052293	9828	7122																				FIRST SHOT	
232142	✓	9846	7149	3166	5540	5241											28	27	30	27			TIMED SHOT	
232318	052294	9850	7150																					

CRUISE			LINE		AREA-PROJECT		NOTE: REWIND ALL TAPES BEFORE DMX						DATE		
FM05-2			CT2-27		CARIBBEAN TECTONICS II								15 JULY 80		
TIME	FILE	SH. PT.	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. LEN	FLU	REP. RATE	WATER DEPTH (F)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	05 INT.
234532	052293	99111	7245												
235252	052293	9931	7271											TIMED SHOT	
235420	052294	9935	7272											LAST SHOT	
000648		9969	7334											FIRST SHOT	
001748		9999	7372									30 28 30 28		ck	
003312	052294	0042	7444											ck	
003440	052295	0046	7445											last record	
004602		0077	7504	31 65 55 40 50 44										first record	
010338		01125	7564									27 28 28 25		ck	
011226	052295	0148	7613									27 29 34 28		ck	
011332	052296	0152	7614											last record	
012454		0183	7653											first record	
013912		0222	7722									27 28 27 28		ck	
015056	052296	0254	7762									26 29 29 30		ck	
015202	052297	0257	7763											last record	
015626		0269	7777	30 65 55 40 53 45										first record	
021954		0333	0074									26 30 29 22		missed 5 shots (320-324)	
022038	052297	0336	0076											ck	
022356	052298	0344	0077											last record	
023730		0381	0143	30 65 55 40 52 45										first record	
024958		0415	6206									31 29 29 33		ck	
030204	052298	0447	0246									29 27 28 32		ck	
030310	052299	0451	0247											last record	
031454		0483	0307											first record	
												30 26 30 28		ck	

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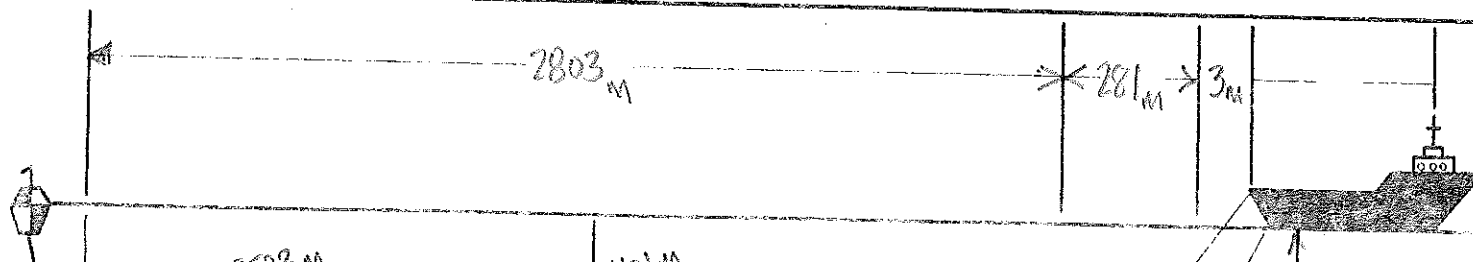
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UT-MSI GEOPHYSICS LABORATORY

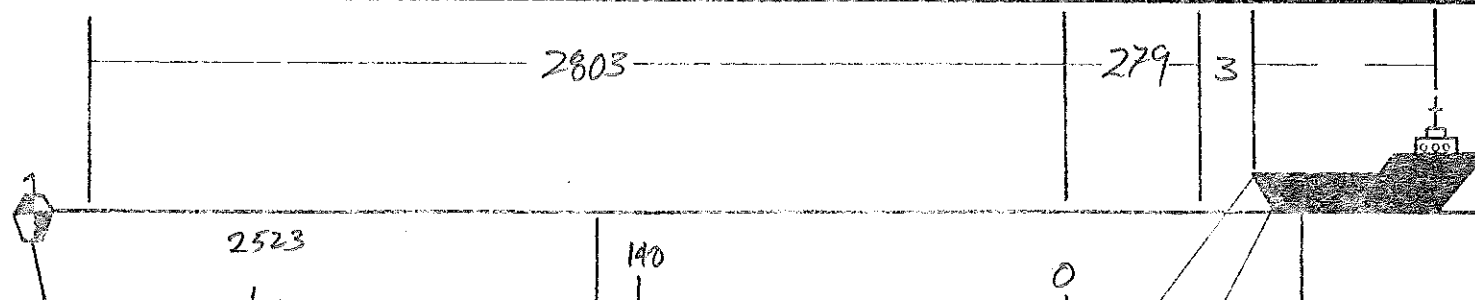
PAGE 67 OF

CRUISE <u>FM05-2</u>	LINE <u>CT2-28</u>
START TIME <u>1340 Z 16 JUL 80</u> START LAT. <u>18° 28.60' N</u> START LONG. <u>75 06.25' W</u>	END TIME <u>0012 17 JUL 80</u> ENDING LAT. <u>17° 54.10' N</u> ENDING LONG. <u>75° 05.60' W</u>
SOURCE <u>4 BOLT AIR GUNS</u> SOURCE DEPTH <u>10 M</u>	SOURCE CAPACITY <u>6000 m³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24 @ 281 M</u>	GROUP INTERVAL <u>140 M WITH EXCEPTIONS</u> FAR TRACE <u>24 @ 3084 M</u>
INSTRUMENT <u>T1 DFS IV</u> FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH OUT</u>	GAIN MODE <u>1 FP</u> SLOPE <u>18 dB/OCT.</u> SLOPE <u>72 dB/OCT</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>12s</u> MAX. <u>12s</u> SAMPLE RATE <u>4 ms.</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>140 M GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70 M SPACING.</u>	



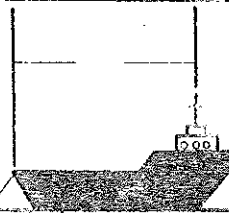
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CRUISE <u>FM05-2</u>	LINE <u>CT 2-29</u>
START TIME <u>0012 Z 17 July 1980</u> START LAT. <u>17° 54.1' N</u> START LONG. <u>75° 05.6' W</u>	END TIME <u>1029 Z 17 JULY 1980</u> ENDING LAT. <u>17° 19.35' N</u> ENDING LONG. <u>74° 25.20' W</u> — BREAK —>
SOURCE <u>4 Bolt Air Guns</u> SOURCE DEPTH <u>~10 meters</u>	SOURCE CAPACITY <u>6000 in³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24 @ 282</u>	GROUP INTERVAL <u>140m w/exceptions</u> FAR TRACE
INSTRUMENT <u>TI DFS IV</u> FILTERS: LOW <u>8 Hz</u> HIGH <u>62 Hz</u> NOTCH <u>out</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 dB/oct</u> SLOPE <u>72 dB/oct</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>12s</u> MAX. <u>12s</u> SAMPLE RATE <u>4ms</u> NOMINAL FOLD <u>24</u>	
REMARKS	



CRUISE				LINE		AREA-PROJECT														DATE		
FM05-2				CT2-29		Caribbean Tectonics II														17, July 1980		
TIME		REEL		SH. PT	RECORD NO.	STRMER DEPTH						GAIN (db)		TRIP DEL.	REC. LOTH	FLD	REP. RATE	WATER DEPTH (fms)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OP. TIME
001850		052325		3930	55117																	
003201		052325		3966	5564																	Begin line CT2-29
003223		052326		3967	5565	30	65	51	40	51	44										last record	
0104323				3997	5623														24222423			first record
011200		052326		4075	5741														22232625			ck
011222		052327		4076	5742																	last record
012306				4105	5777	31	63	52	40	50	44										first record	
013549				4140	6042														25222523			ck
014521				4166	6074																	ck
015007		052327		4179	6111														24231815			ck / galvo
015029		052328		4180	6112	31	65	54	40	51	44										last record	
020319				4215	6155														23242422			first record
																			24252525			
021631				4251	6221																	
023049		052328		4290	6271														26252624			
023111		052329		4291	6271																	last record - short record
024211				4321	6327														25252624			first record
025311				4351	6365														24252523			ck
030644		052329		4388	6432														24252524			ck
030706		052330		4389	6433	32	65	55	40	50	44										last rec. parity errors at end of tape	
030828				4420	6472														24243127			first record
033308				4460	6542														27242729			
034622		052330		4496	6606														25232424			
034644		052331		4497	6607																	

CRUISE FMOS-2	LINE C12-29 (CONT)
START TIME 2051Z 17 JULY 80 START LAT. 17° 29.50' N START LONG. 74 37.20' W	END TIME 2345Z 17 JULY ENDING LAT. 17° 18.20' ENDING LONG. 74° 27.10'
SOURCE SOURCE DEPTH	SOURCE CAPACITY
NO. OF TRACES NEAR TRACE	GROUP INTERVAL FAR TRACE
INSTRUMENT FILTERS: LOW HIGH NOTCH	GAIN MODE SLOPE SLOPE SLOPE
DATA LENGTH MIN. MAX. SAMPLE RATE NOMINAL FOLD	
REMARKS SOURCE STREAMER PARAMETERS REMAIN THE SAME. EXAMINED STREAMER CONTINUITY, REPLACED STRETCH SECTION.	



CRUISE			LINE		AREA-PROJECT										DATE	
FM05-2			CT2-29		CARIBBEAN TECTONICS										17 JULY 80	
TIME	DEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (JG)		TRIP REC.	FLU	R.P.	WATER	REL PIPE	CONTINUITY	REMARKS	DB	
						INT	RAT	POS.		RAT	TEMP	TIMES	OR LEAKAGE			
082059	052337	5245	0164													
082121	052338	5246	0165											LAST SHOT		
083221	↓	5276	0223											FIRST SHOT		
084321	↓	5306	0261											TIMED SHOT		
090035	052338	5353	0340									19 21 24 20		TIMED SHOT		
090057	052339	5354	0341											LAST SHOT		
091157	↓	5384	0377	606352385047										FIRST SHOT		
092045	↓	5408	0426									18 17 18 18		TIMED SHOT		
093207	↓	5439	0427											DFS DOWN FOR SEIS CHECK		
095049	052339	5496	0512											DFS BACK IN ACTION		
095111	052340	5491	0513											LAST SHOT		
100211	↓	5521	0551											FIRST SHOT w/GALVO REC		
														TIMED SHOT		
101311	↓	5551	0607	836551395148												
102941	052340	5596	0664									17 19 26 15		TIMED SHOT		
														LAST SHOT		
205133	052341	7292	0666											Streamers Party		
210231		7322	0724	6655039463								20 18 16 80		F.S.		
211649		7361	0773											T.S.		
213129	341	7401	1043											T.S. + Galvo Recd		
213157	052342	7402	1044											T.S.		
214845		7454	1122	2555245040										F.S.		
215901		7482	1156									19 19 18 80		T.S.		
221152	342	7517	1221											T.S.		
221214	052343	7518	1222											T.S.		
														F.S.		

TIME / POSITION

↑

BROKE IN LINE - NOTE TIME DIFFERENCE - EXAMINE STREAMER

740⑧?

→

more shots than records
gives off for Gun Check. 2537

BROKE IN LINE - NOTE TIME DIFFERENCE - EXAMINE STREAMER

TIME / POSITION

740⑧? → more shots than records
gives off for gun shock. w/alt. 2537

FM05-2

LINE

012-29

AREA-PROJECT

CARIBBEAN TECTONICS

Page 75

2

17. JVL

REMARKS

TIME SHOT

V. Skut

2150 *Thryothorus* *Thryothorus*

V. Shant

Y

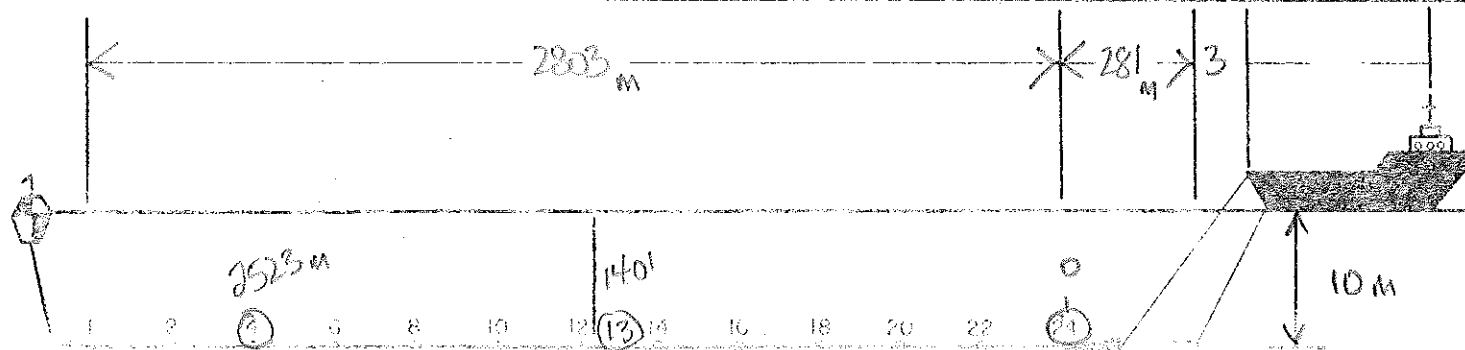
57.5

75

End here for now

C/ 2-30

CRUISE <i>FM05-2</i>	LINE <i>CT 2-30</i>
START TIME <i>2345 17 July 1980</i> START LAT. <i>17° 18.20' N</i> START LONG. <i>74° 27.10' W</i>	END TIME <i>1515 Z 18 July 1980</i> ENDING LAT. <i>18° 08.40' N</i> ENDING LONG. <i>73° 20.76' W</i>
SOURCE <i>4 Bolt Air Guns</i> SOURCE DEPTH <i>~10 meters</i>	SOURCE CAPACITY <i>6000 in³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24 @ 281m</i>	GROUP INTERVAL <i>140m w/exceptions</i> FAR TRACE <i>1 @ 3084m</i>
INSTRUMENT <i>TI DFS IV</i> FILTERS: LOW <i>8 Hz</i> HIGH <i>62 Hz</i> NOTCH <i>Out</i>	GAIN MODE <i>IFP</i> SLOPE <i>18 dB/oct</i> SLOPE <i>72 dB/oct</i> SLOPE <i>-</i>
DATA LENGTH MIN. <i>12s</i> MAX. <i>12s</i> SAMPLE RATE <i>4ms</i> NOMINAL FOLD <i>24</i>	
REMARKS <i>140m SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70m GROUP SPACING.</i>	



CRUISE				LINE		AREA-PROJECT															DATE			
FM05-2				CT2-30		Caribbean Tectonics II															18 July 1980			
TIME			REEL		SH. PT.	RECORD NO. STRMER DEPTH						GAIN (db)		TRIP DEL.	REC. GTH	FLD	REP. RATE	WATER DPTH (FID)	REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS	
000	21	3	05	23	45	78	1	8																
000	06	37	05	23	45	78	30																	
000	06	59	05	23	46	78	31																	
001	08	21				78	62											26	25	26	26			
003	40	7				79	05											24	29	28	24			
004	06	13	05	23	46	79	138											24	24	26	26			
004	06	35	05	23	47	79	139																	
005	07	35				79	169											23	25	28	27			
011	09	41				80	002											24	25	27	23			
012	06	11	05	23	47	80	117											23	26	26	24			
012	06	33	05	23	48	80	118																	
013	07	33				80	78											25	25	26	25			
015	12	19				81	116											25	25	27	22			
020	04	19	05	23	48	81	151																	
020	04	41	05	23	49	81	152																	
021	15	41				81	82											24	27	27	24			
022	08	53				82	18											23	25	28	24			
024	15	01	05	23	49	82	62											24	26	28	25			
024	15	23	05	23	50	82	63																	
025	06	45				82	94											24	26	25	25			
030	07	45				83	24											24	27	26	24			
032	03	31	05	23	50	83	67											25	26	29	25			
032	03	53	05	23	51	83	68																	
033	05	59				84	01											25	26	27	22			
																		25	26	25	24			

CRUISE

LINE

AREA-PROJECT

FM05-2

CT 2-30

Caribbean Tectonics II

DATE

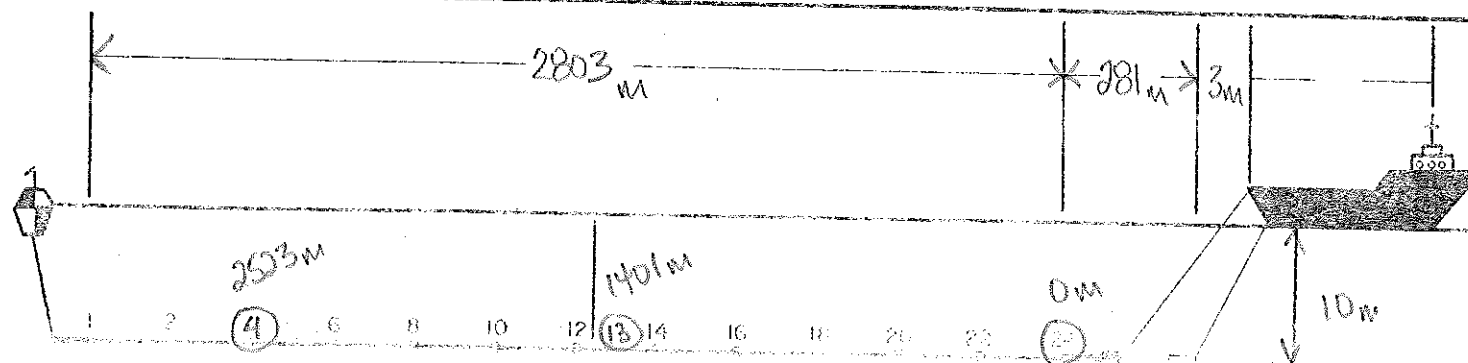
18 July 1980

TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (F)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB
034659	052351	8431	3042												
040306	052351	8475	3116									24 26 25 22		ck	
040330	052352	8476	3117											last record	
041244		8494	3136									23 26 24 23		first record	
044221	052352	8586	3206											lost SP 84913 13 parity error	
044243	052353	8583	3266									23 23 20 24		ck. shot	
050630		8648	3267											L.S.	
052241	052353	8692	3367	20 64 52 38 50 31								20 23 25 24		F.S.	
052303	052354	8693	3444											ck. shot + 64100	
053340		8722	3445											L.S.	
055432		8779	3502											F.S.	
			3573											ck. shot.	
060133	052359	8798	3616											ck. shot.	
060155	052355	8799	3617									24 23 26 23		L.S.	
061142		8834	3661											F.S.	
064132	052355	8908	3773											ck. shot	
064154	052356	8909	3774											L.S.	
071130		8974	4121											F.S.	
072000	052356	9013	4144											ck. shot	
072042	052357	9014	4145											L.S.	
075959	357	9122	4321											F.S.	
080021	052358	9123	4322											L.S.	
081135		9160	4367											F.S.	
082455		9190	4425	15 63 52 39 52 42										2. S.	
														FIN.	
														TIMED SHOT	
												22 23 22 24		TIMED SHOT w/GALV REC	

CRUISE			LINE		AREA-PROJECT														DATE	
FM05-2			CT2-30		CARIBBEAN TECTONICS II														18 JULY 80	
TIME	REEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP	REC.	FLU	REP.	WATER	REL FIRE		CONTINUITY	REMARKS	JOB			
						HIT	PATH	DEL.	LGTH		RATE	DEPTH (Fm)	TIMES		OR LEAKAGE		INIT			
083935	052358	9230	4475																	
083957	052359	9231	4476																	
085057		9261	4534	18	67	52	39	53	42								LAST SHOT			
090157	✓	9291	4572										20	23	22	21	FIRST SHOT			
092017	052359	9341	4654														TIMED SHOT			
092039	052360	9342	4655														TIMED SHOT			
093139		9372	4713	15	63	52	39	54	43								LAST SHOT			
094239	✓	9402	4751										22	22	22	25	FIRST SHOT			
095953	052360	9449	5031														TIMED SHOT			
100015	052361	9450	5031														TIMED SHOT			
101115		9480	5067	16	62	50	37	48	37								LAST SHOT / DIS REC # ERROR			
102215	✓	9510	5125										22	24	22	21	FIRST SHOT			
																	TIMED SHOT			
104035	052361	9560	5207														TIMED SHOT			
104057	052362	9561	5211																	
105157		9591	5246														LAST SHOT w/GALVO REC			
110257	✓	9621	5304	20	64	51	37	50	40								FIRST SHOT			
111843	052362	9664	5357										23	24	22	26	TIMED SHOT			
111905	052363	9665	5360														TIMED SHOT			
113005		9695	5416														LAST SHOT			
114105	✓	9725	5454	20	64	50	36	45	38								FIRST SHOT			
115757	052363	9771	5532										24	24	22	25	TIMED SHOT			
115819	052364	9772	5533														TIMED SHOT			
122739		9852	5653														LAST SHOT			
123627	052364	9876	5703										21	22	25	23	FIRST SHOT			
																	ck			
													21	22	25	23	last record			

CRUISE		LINE	AREA-PROJECT		DATE										
FM05-2		CT 2-30	Caribbean Tectonics II		18 July 1980										
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	CALIB (b)	TRIP DEL.	REC. LSTH	FLD	REP. RATE	WATER DPTH (FRI)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	ON LINE
1123649	052365	9877	5704	25	66	5240	5035					23 22 22 23		first record	
1124855		9910	5795					12	24	22		22 22 25 25		ck	
1124955		9940	6003									24 21 23 21		ck	
11311647	052365	9986	6061												
1131709	052366	9987	6062	24	65	5140	5139							last record	
1132133		9999	6076									24 20 22 21		first record	parity errors
1133825		0046	6154									26 22 23 26		ck	
1135455	052366	01091	6231									25 26 25 25		ck	
1135517	052367	01092	6232	19	65	5039	4536							last record	
11409135		0131	6301									26 27 26 24		first record	
1142035		0161	6337									28 30 27 29		ck	
1143453	052367	0200	6406									25 30 26 31		ck	
1143515	052368	0201	6407	20	64	5139	5141							last record	
11446137		0232	6446									23 25 27 28		first record	
1145927		0267	6511									24 27 25 27		ck	
1151430	052368	0308	6562									25 26 24 25		ck	
1151452	052369	0309	6563											last record	END of CT-30
														first record	Begin CT-31

CRUISE <i>FM05-2</i>	LINE <i>CT 2-31</i>
START TIME <i>1515Z 18 July 1980</i> START LAT. <i>18°08.4' N</i> START LONG. <i>73°20.7' W</i>	END TIME <i>0130Z 19 July 1980</i> ENDING LAT. <i>17°19.70' N</i> ENDING LONG. <i>73°16.25' W</i>
SOURCE <i>4 Bolt Air Guns</i> SOURCE DEPTH <i>~10 meters</i>	SOURCE CAPACITY <i>6000 in³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24 @ 282m</i>	GROUP INTERVAL <i>140 meters</i> FAR TRACE <i>w/exceptions</i> <i>1 @ 3084</i>
INSTRUMENT <i>TI DFS IV</i> FILTERS: LOW <i>8 Hz</i> HIGH <i>62 Hz</i> NOTCH <i>out</i>	GAIN MODE <i>IFP</i> SLOPE <i>18 dB/oct</i> SLOPE <i>72 " "</i> SLOPE <i>—</i>
DATA LENGTH MIN. <i>12s</i> MAX. <i>12s</i> SAMPLE RATE <i>1ms</i> NOMINAL FOLD	
REMARKS <i>140m GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70 m SPACING.</i>	

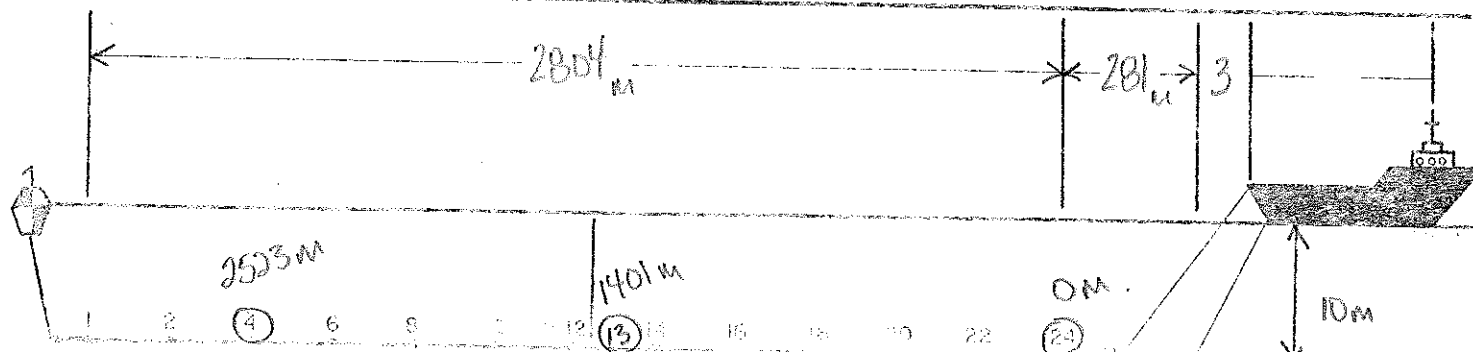


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CRUISE		LINE		AREA-PROJECT										PAGE 05 OF	
FM05-2		CT2-31		Caribbean Tectonics II										DATE 18 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALT (DB)	TRIP DEL.	REC. STS	FLO	REP. DATE	WATER DEPTH (F)	REL FIRE TH'S	CONTINUITY OR LEAKAGE	REMARKS	DB
200134	052376	11091	0180	17605	39484										
201552		1130	0247					12s	24	22s		27 28 27 23		V.S.	
202714	376	1161	0306											V.S.	
202736	052377	1162	0307											Z.S. + Galapagos Reef	
204618	↓	1213	0322	196551	404639							27 27 25 27		F.S.	
205612	↓	1240	0425											V.S.	
210712	377	1270	0463											V.S.	
210734	052378	1271	0464											Z.S.	
212320	↓	1314	0537	176551	39584							27 26 25 28		V.S.	
213314	↓	1341	0573											V.S.	
214626	378	1377	0636											V.S.	
214648	052379	1378	0637											Z.S.	
														V.S.	
210000	↓	1414	0703	216553	374546							26 24 24 24		V.S.	
2211503	↓	1455	0759											TS	
222603	052379	1485	10112											LAST	
222625	052380	1486	1013											FIRST	
223808		1518	1053	206554	394636							29 23 25 23		V.S. + Galapagos Reef	
225522		1565	1133											V.S.	
230433	380	1590	1163											V.S.	
230455	052381	1591	1164											F.S.	
232146	↓	1637	1242	206552	394435							27 23 26 26		V.S.	
233558	↓	1673	1306											V.S.	
234452	381	1700	1341											V.S.	
234514	052382	1701	1342											Z.S.	
														Final Shot	

CRUISE				LINE		AREA-PROJECT										PAGE 84 OF 107		DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
FM05-2				CTD-31		Caribbean Tect. II												19 July 80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	

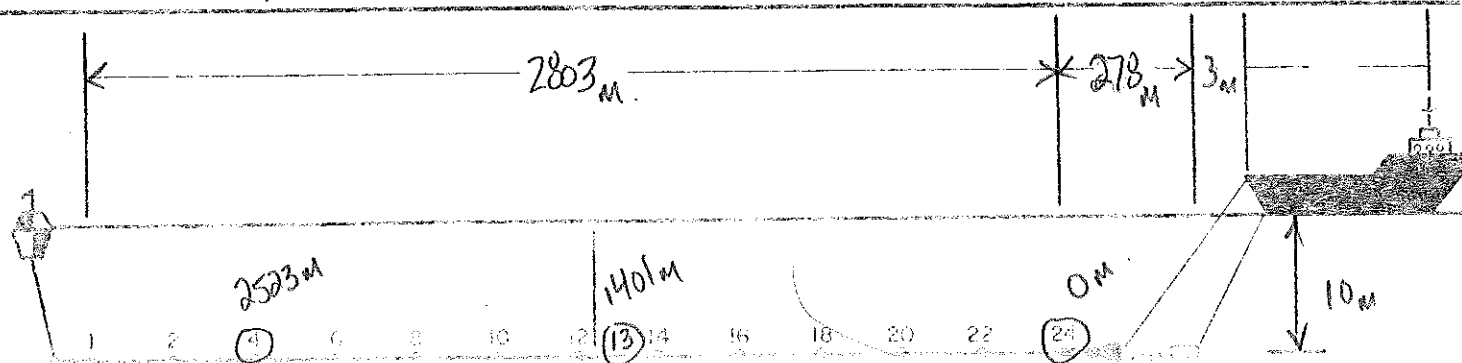
CRUISE <i>FM05-2</i>	LINE <i>CT2-32</i>
START TIME <i>0130 Z</i> <i>19 July 1980</i> START LAT. <i>17° 19.70' N</i> START LONG. <i>73° 16.25' W</i>	END TIME <i>1255 Z</i> <i>19 JUL 80</i> ENDING LAT. <i>18° 07.50' N</i> ENDING LONG. <i>72° 34.20 W</i>
SOURCE <i>4 Bolt Air Guns</i> SOURCE DEPTH <i>~10 meters</i>	SOURCE CAPACITY <i>6000 m³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24 @ 282m</i>	GROUP INTERVAL <i>140m w/exceptions</i> FAR TRACE <i>1 @ 3084m</i>
INSTRUMENT <i>TI DFS IV</i> FILTERS: <i>LOW 8 Hz</i> <i>HIGH 62 Hz</i> <i>NOTCH out</i>	GAIN MODE <i>I F P</i> SLOPE <i>18 dB/oct</i> SLOPE <i>72 " "</i> SLOPE
DATA LENGTH MIN. <i>12s</i> MAX. <i>12s</i> SAMPLE RATE <i>4ms</i> NOMINAL FOLD <i>24</i>	
REMARKS <i>140m GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH HAVE 70m GROUP SPACING</i>	



CRUISE			LINE	AREA-PROJECT										DATE	
FM05-2			CT 2-32	Caribbean Tectonics II										19 July 1980	
TIME	SEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GALT (db)	TRIP	REC.	FLD	RLP.	WATER	REL FIRE	CONTINUITY	REMARKS	
							DEL.	DATE		DATE	DEPTH	TIMES	OR LEAKAGE		
013007	052384	1987	2000											STEADY/	
013931		1999	2014	2115	53369126									ON line CT2-31	
014319		2023	2044									23252423		CR	
014341	052385	2024	2045	2062	49354135									last record/paving errors	
014703		2035	2066									23242425		first record	
020819		2072	2064											DFS Down	
022239		2111	2133									25242327		start DFS	
022344	052385	2114	2136											OK	
022406	052386	2115	2137	2566	52404120									last record	
022958		2131	2147									29282828		first record On course	
023656		2150	2172											lost 8-10 shots	
025706		2205	2261									28272827		ck	
												282880129		ck	
031101	052386	2243	2327											gun #3 out of water	
031123	052387	2244	2330											followed by data err	
031252		2249	2331											Restart	
033005		2295	2411											TIMED SHOT	
033430		2301	2424											TIMED SHOT	
034403		2333	2456											TIMED SHOT	
035229	052387	2356	2505											LAST SHOT	
035250	052388	2357	2506											INITIAL SHOT	
040920		2402	2563	2464	51374522							31218088		ck. shot (gun #3 back in water)	
041314	052388	2463	2660											L.S.	
041503	052389	2464	2661											F.S.	
044006	052389	2486	2707											ck shot w/galvo	
														TRC-H 20 NDIS	

CRUISE		LINE		AREA-PROJECT														DATE	
FM05-2		CT2-32		CARIBBEAN TECTONICS II														19 JULY 80	
TIME	REEL	SH. PT	RECORD NO.	STRIMER DEPTH	GATE (GN)	TRIP DEL.	REC. RATE	FLU.	REP. RATE	WATER DEPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS		OS				
083912	0512395	3138	4123																
085012		3168	4161	226452384933										FIRST SHOT W/GALVO					
090112	↓	3198	4217								2120 X 17			TIMED SHOT					
091910	0512395	3247	4300											TIMED SHOT					
091932	0512396	3248	4301											LAST SHOT					
093032	↓	3278	4337	226653384725										FIRST SHOT					
095232	↓	3338	4433								2019 X 17			TIMED SHOT					
095844	0512396	3355	4454											TIMED SHOT					
095906	0512397	3356	4455											Last Shot					
101210		3313	4522	2455038887										First Shot					
102256	↓	3421	4556	21650405035							2118 X 26			T.S. 10212:00 4 guns firing					
103842	0512397	34164	4631								25 28 29 30			T.S. + Galvo					
														S.S.					
103904	0512398	3425	4632																
105010	↓	3495	4671											F.C.					
111318	↓	3551	4767								26 25 + 30			TIMED SHOT	REC # FOLLOWER ERROR 4666 → 71				
111758	0512398	3572	5004											TIMED SHOT					
111820	0512399	3573	5005											LAST SHOT					
114042	↓	3634	5102											FIRST					
115840	0512399	3683	5163											CHECK SHOT					
115902	0512400	3684	5164											LAST					
121957		3741	5252											FIRST SHOT W/DATA ERROR					
122358	↓	3752	5264											Restart due to data/sync					
123900	0512400	3793	5335								1980 2120			ERROR, Replant w parity errors					
123922	0512401	3794	5336											LAST SHOT					
														INITIAL SHOT					

CRUISE FM05-2	LINE CT2-33
START TIME 105600 19 July 1980 START LAT. +18° 07.5' START LONG. -72° 34.2' <i>Slk Pt. 3838 -</i>	END TIME 0135Z 20 July 1980 ENDING LAT. 17° 01.23' N ENDING LONG. 72° 41.65' W
SOURCE 4 Bolt AIRGUNS SOURCE DEPTH 10m	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 282m	GROUP INTERVAL 140m w/ exceptions FAR TRACE 1 @ 3084m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH out	GAIN MODE IFP SLOPE 18 dB/oct SLOPE 72 dB/oct SLOPE -
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140m GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH MADE 70m GROUP SPACING.	



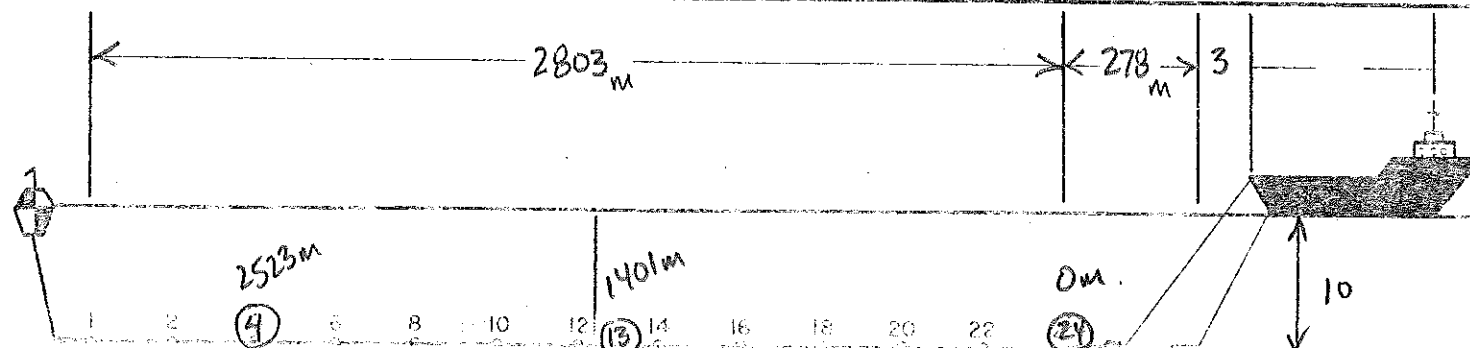
CRUISE		LINE		AREA-PROJECT		DATE	
FM05-2		CT2-33		CARIBBEAN TECTONICS II		19 July 1980	
TIME	FEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP
125600	052401	38138	5410				
130250	052401	38158	54134				
132420	↓	39116	54116	131216	2	SP 3883	Ref 5436 ← DFS BACK ON
132803	052401	3926	5517	206553/405435			
132824	052402	3927	5512				
133522	↓	3946	5534				
134514	↓	39713	5567				
135005	↓	3986	5604				
140611	052402	4030	5660				
140631	052403	4031	5661				
141731	↓	4061	5717	256554364533			
143126	↓	4099	5765				
144607	052403	41139	6035				
144629	052404	41140	6036				
150025	↓	41178	6103				
151019	↓	4205	6137	256553374333			
151943	052404	4236	6176				
152005	052405	4237	6177				
153411	↓	4270	6240				
154403	↓	4297	6273				
160059	052405	4343	6352				
160118	052406	4344	6353	256553354031			
160457	↓	4354	6364				
162315	↓	4404	6446				

[illegible]

CRUISE			LINE		AREA-PROJECT										DATE	
FM05-2			CT2-33		Caribbean Tectonics II										19 July 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (Jb)	TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DEPTH (fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB UNIT	
211848	052414	5210	0115													
213054		5243	0156	26	52	37	5	30				23 25 26 27		V.S.		
214300		5276	0217											V.S.		
215538	414	5310	0260											V.S.		
215550	052415	5311	0261											V.S.		
220818		5345	0323	25	65	54	35	30				24 26 24 21		First shot		
221918		5375	0361											Test shot		
223504	052415	5418	0434											TIMED SHOT		
223526	052416	5419	0435											Test shot		
224732		5452	0476	25	67	50	35	40				25 25 20 21		Final shot		
230000		5487	0540											V.S.		
231502	416	5527	0611											V.S.		
231524	052417	5528	0612											Test shot		
233154		5573	0667	24	65	54	38	44	30			26 25 22 20		First S.		
235544	417	5638	0770											Test shot		
235606	052418	5639	0771											Test shot		
000835		5673	1033											First S.		
001935		5703	1071									28 24 23 23		ck		
003437	052418	5744	1142											ck		
003459	052419	5745	1143	21	65	53	38	44	30					last record		
004559		5775	1201									28 25 23 26		first record		
005743		5807	1241									28 26 23 22		ck		
011603	052419	5857	1323									28 25 23 23		ck		
011625	052420	5858	1324	25	65	51	37	42	35					last record		
												27 25 22 27		first record		

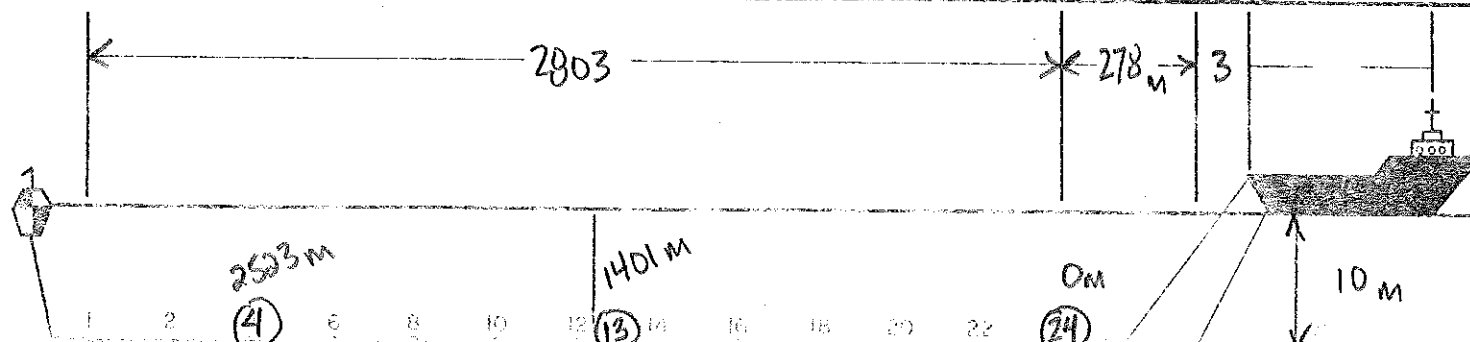
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CRUISE <i>FM05-2</i>	LINE <i>CT 2-33A</i>
START TIME <i>0135Z 20 July 1980</i> START LAT. <i>17° 01.23'N</i> START LONG. <i>72° 41.65'W</i>	END TIME <i>0900Z 20 July 1980</i> ENDING LAT. <i>16° 59.11'N</i> ENDING LONG. <i>72° 32.45'W</i>
SOURCE <i>4 Bolt Air Guns</i> SOURCE DEPTH <i>~10 meters</i>	SOURCE CAPACITY <i>6000 in³</i>
NO. OF TRACES <i>24</i> NEAR TRACE <i>24 @ 282m</i>	GROUP INTERVAL <i>140m w/exceptions</i> FAR TRACE <i>1 @ 3084m.</i>
INSTRUMENT <i>TI DFS IV</i> FILTERS: <i>LOW 8Hz</i> <i>HIGH 62Hz</i> <i>NOTCH out</i>	GAIN MODE <i>IFP</i> SLOPE <i>18 dB/oct</i> SLOPE <i>72 " "</i> SLOPE <i>_____</i>
DATA LENGTH MIN. <i>12s</i> MAX. <i>12s</i> SAMPLE RATE <i>4ms</i> NOMINAL FOLD <i>24</i>	
REMARKS ⁽¹⁾ <i>140m GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24 WHICH ARE</i> ⁽²⁾ <i>SPACED AT 70m.</i> <i>TRACES 23, 24 CARRY SONOBODY RECORD -</i>	



CRUISE			LINE		AREA-PROJECT										DATE	
FM05-2			CT 2-33A		Caribbean Tectonics II										20 July 1980	
TIME	PEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (dB)		TRIP DEL.	REC. LATH	FLD	REP. DATE	WATER DEPTH (F)	REL. FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	CH
013529	052420	5910	1410	2565	52363924				12	24	22		30 26 22 27		Begin line CT 2-33 A	
013909		5920	1422						↓	↓	↓		28 25 29 27		DFS Down for repairs (in turn)	
015941		5976	1423						↓	↓	↓		28 26 21 25		DFS up on Course CT 2-33 A	
021421	052420	6016	1473												last record	
021443	052421	6017	1474	266751	405031								24 22 20 21		first record	24
021655		6023	1502										22 21 20 23		Sonobuoy first shot use trace 23	sonob. ch 4
022649		6050	1535										22 22 24 28		ck w/ galvo	
024911		6111	1632												ck w/ sonobuoy first shot - trace 24	ch 2
025313	052421	6122	1645												last record	
025335	052422	6123	1646	24605031	4930								21 21 24 21		first record	
030457		6155	1705												galvo - ck.	
031915		6193	1754										19 22 21 20		ck	
033143	052422	6227	2016												last record	
033205	052423	6228	2017	26605036	4530								18 22 21 20		first record	
034433		6262	2062										24 23 29 23		ck	
035533		6292	2117												ck	
035957	052423	6304	2133												End line CT 2-33 A	
	↓															

CRUISE FM05-2	LINE CT 2-34
START TIME 0400 Z 20 July 1980 START LAT. 16° 59.11' N START LONG. 72° 32.45' W SHT 6305	END TIME 1850 Z 20 July 1980 ENDING LAT. 18° 10.40' N ENDING LONG. -072° 06.10' W SHT 8783
SOURCE 4 Bolt Air Guns SOURCE DEPTH 10 meters	SOURCE CAPACITY 6000 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 282m	GROUP INTERVAL 140m w/exceptions FAR TRACE 1 @ 3084m
INSTRUMENT TI DFS IV FILTERS: LOW 8Hz HIGH 62Hz NOTCH —	GAIN MODE IFF SLOPE 18 dB/oct. SLOPE 72 " " SLOPE —
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140m GROUP SPACING, EXCEPT 2-3-4, 11-12-13 AND 22-23-24, WHICH HAVE 70 m GROUP SPACING.	



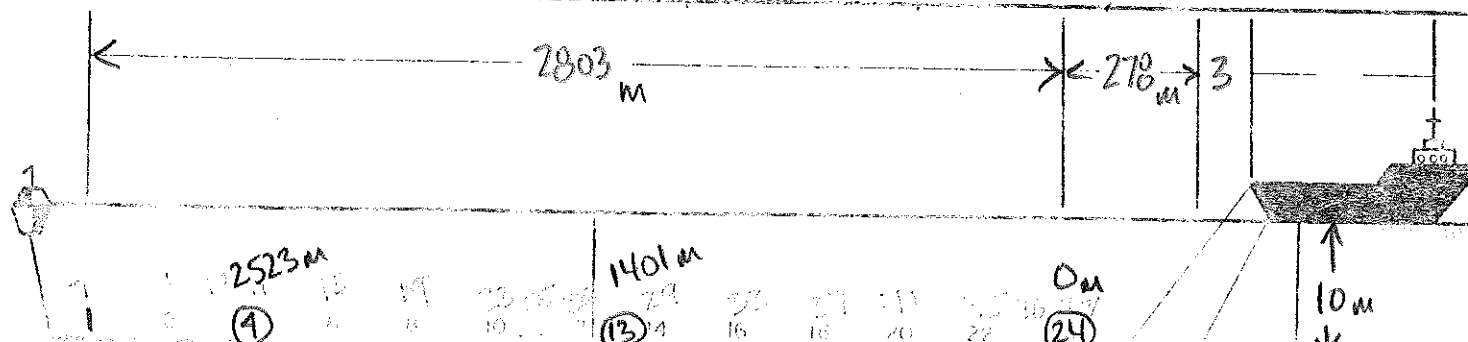
CRUISE		LINE		AREA-PROJECT										DATE	
FM05-2		CT2-34		Caribbean Tectonics II										20 July 1980	
TIME	REEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GALT (00)	TRIP DEL.	REC. STG.	FLD	REP. RATE	WATER DPTH (F)	REF. FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	
040019	052423	6305	2134	2160	46364930			12	24	22		21222519		Begin Line CT2-34	
041149	052423	6335	2172											L.S. (LAST SHOT)	
041141	052424	6336	2173											F.S. (FIRST SHOT)	
042050		6361	2224									22212220		ok (CHECK, TIMED SHOT)	
043614	V	6403	2276											ck galvo	
045115	052424	6444	2347											LS	
045137	052425	6445	2348											FS streamer on surface junk data	
053114	052425	6553	2524									21212019		L.S.	
053136	052426	6554	2525	1413	4840564									FS	
060648		6650	2665									23222325		ck galvo	
061006	052426	6659	2676											L.S.	
061028	052427	6660	2677											FS	
065048	052427	6770	3055												
065111	052428	6771	3056												
073003	052428	6877	3230											L.S. missed shot between tape	
073047	052429	6879	3231											FS	
074147	V	6909	3267											ck galvo	
081045	052429	6988	3406											LAST SHOT	
081107	052430	6989	3407											FIRST SHOT	
082759		7035	3465	2365	51374330									TIMED SHOT	
083859	V	7065	3523									23222223		TIMED SHOT	
084853	052430	7092	3556											LAST SHOT	
084915	052431	7093	3557											FIRST SHOT	
091115	V	7153	3653											TIMED SHOT w/GALVO REC	

[illegible]

CRUISE		LINE	AREA-PROJECT										DATE		
FM05-2		CT2-34	CARIBBEAN Tectonics										20 July 1980		
TIME	REEL	SH. PT	RECORD NO.	STEREO	DEPTH	GALT (db)	TRIP DEL.	REC. 1/2	FLD	REP. RATE	WATER DEPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	Op
130723	052437	7797	5057									24 222222		TIMED SHOT w/gal	
132437	052437	7844	5136											FINAL SHOT	
132459	052438	7845	5137											INITIAL SHOT - REWIND -	
134023		7887	5211												
134319	Y	7905	5221									17222424		TIMED SHOT	
140330	052438	7950	5310											TIMED SHOT	
140351	052439	7951	5311											FINAL SHOT	
141451		7981	5347											INITIAL SHOT	
142530	Y	8011	5404									29232719		TIMED SHOT	
144117	052439	8054	5457											TIMED SHOT	
144136	052440	8055	5460											FINAL SHOT	
145259		8086	5517											INITIAL SHOT	
150359	Y	8116	5555	2516545303925								23232225		TIMED SHOT	
152007	052440	8160	5631											FINAL SHOT	
152029	052441	8161	5632									24032425		INITIAL SHOT	
153129		8191	5670											TIMED SHOT	
154357	Y	8225	5732	286545323623								21 232426		TIMED SHOT	
155837	052441	8265	6002											FINAL SHOT	
155859	052442	8266	6003											INITIAL SHOT	
160407		8286	6021												
162903	Y	8348	6125											Cb shot w/galvo	
163836	052442	8314	6157									24232621		Cb shot	
163858	052443	8375	6160											L.S.	
171748	052443	8481	6332											F.S.	
														L.S.	

[illegible]

CRUISE FMOS-2	LINE CT2-35
START TIME 1250Z July 20 1980 START LAT. 18° 10' 40" START LONG. -072° 06' 10" <u>SHR PT 8734</u>	END TIME 1250Z 21 JUL 1980 ENDING LAT. 16° 45' 1" ENDING LONG. -071° 32' 5" <u>SHR PT 1679</u>
SOURCE 4 Bolt Air Guns SOURCE DEPTH 10 meters	SOURCE CAPACITY 6000 m ³
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m	GROUP INTERVAL 140 m w/exceptions FAR TRACE 1 @ 3084 m
INSTRUMENT TI DFS IV FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH	GAIN MODE IFP SLOPE 18 dB/oct SLOPE 72 " " SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS 140 m GROUP SPACING, EXCEPT 2-3-4, 11-12-13, 22-23-24, which HAVE 70 m SPACING.	

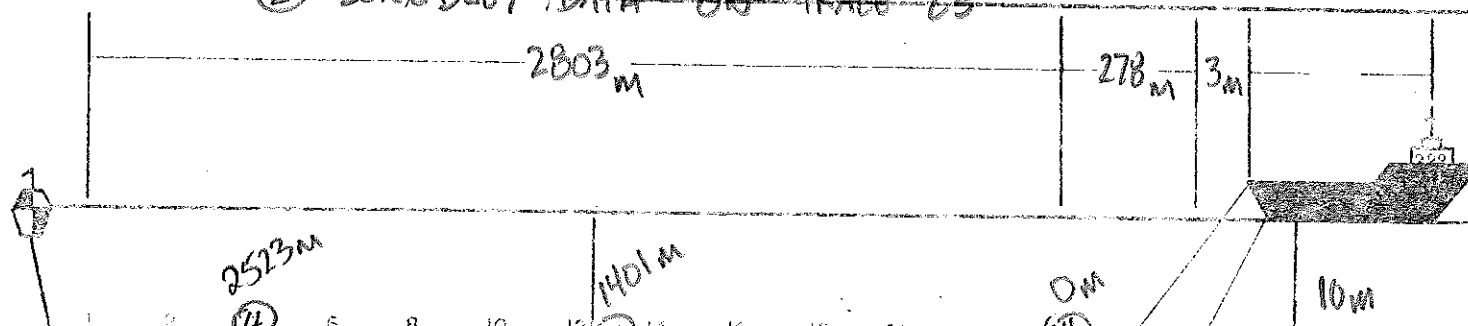


CRUISE		LINE		AREA-PROJECT		PAGE		90							
FM05-2		CT2-35		Carib' Test, II				DATE							
								20 July 80							
TIME	REEL	SH. PT.	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP DEL.	REC. DEL.	FLU	REP. RATE	WATER DEPTH (Fm)	REL. FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB. INT.
22 37 55	05 24 52	9 35 4	01 04												
22 57 42		9 40 8	01 72	25 66	52 40 49 26									First Shot	
23 09 48		9 44 1	02 33									22 21 X 21		Test Sat	
23 17 08	4 52	9 46 1	02 57											V.S.	
23 17 30	05 24 53	9 46 2	02 60											Last Shot	
23 35 50		9 51 2	03 41	21 65 4	39 45 32									First Shot	
23 45 20		9 53 8	03 74									X 20 29 23		V.S.	
23 45 44	4 53	9 56 9	04 33											V.S. + 6 dms	
23 46 06	05 24 54	9 57 0	04 34											Last Shot	
00 14 44		9 61 8	05 14	15 65 5	33 74 0 32									First	
00 23 31		9 64 2	05 44									X 22 22 22		ck	
00 35 59	05 24 54	9 67 6	06 06									80 22 24 22		ck	
00 36 21	05 24 55	9 67 7	06 07	20 65 50 40 41 20										last record	
00 53 57		9 72 5	06 67									80 21 26 21		first record	
01 03 51		9 75 2	07 22									80 22 24 21		ck	
01 17 03	05 29 55	9 78 8	07 66											ck	
01 17 25	05 24 56	9 78 9	07 67	20 65 53 40 45 33										last record	
01 29 53		9 82 3	10 31									80 22 28 20		first record	
01 41 59		9 85 6	10 72									80 21 22 20			
01 55 55	05 24 56	9 89 4	11 40									80 21 25 24			
01 56 17	05 24 57	9 89 5	11 41	21 65 51 36 40 25										last record: note skipped 1140 last record on 1st 1141	
02 10 57		9 93 5	12 11									80 22 23 22		first record	
02 24 09		9 97 1	12 55									80 22 21 19		ck	
02 36 15	05 24 57	00 05	13 16									80 22 22 22			

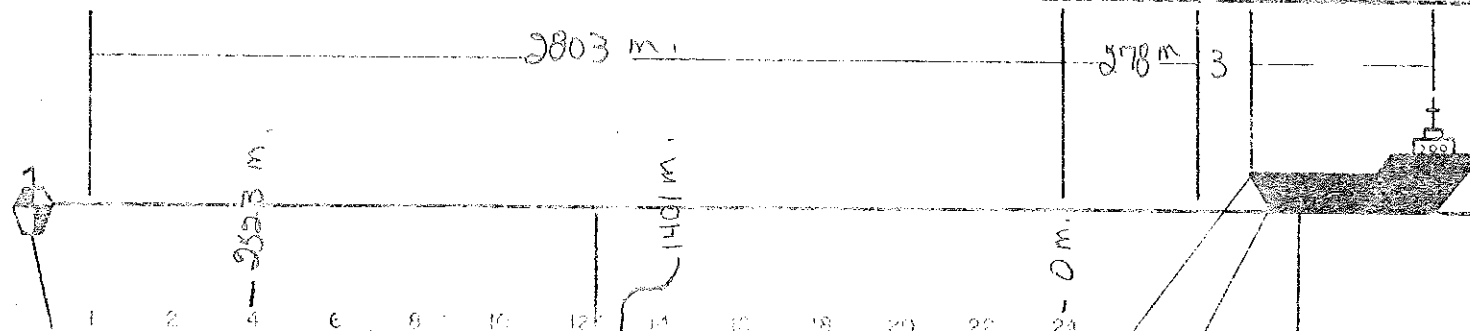
CRUISE			LINE		AREA-PROJECT														DATE										
FM05-2			CT2-35		Caribbean Tectonics II														21 July 1980										
TIME		REEL		SH. PT		RECORD NO.		STRMER		DEPTH		GAIN (db)		TRIP		REC.		FLU		REP.		WATER		REL. FIRE		CONTINUITY		REMARKS	
												INIT		RATE		DEL.		LGT.		RATE		DPTH		TIMES		OR LEAKAGE			
023637		052458		0006		1317		2167		5240		5035												80 22 23 23				First record	
024821				0038		1357																		80 22 25 23				TIMED SHOT	
036109		V		0073		1422																		80 22 21 23				TIMED SHOT	
0311633		052458		01115		1474																						FINAL SHOT	
0311655		052459		01116		1475		2065		5940		4729												80 25 25 26				INITIAL SHOT	
033631				0153		1542		2065		5038		4530												80 25 25 26				TIMED SHOT	
033857		V		0176		1570																						TIMED SHOT	
035655		052459		01225		1652																						TIMED SHOT	
035717		052460		01226		1653		2565		5340		4530																FINAL SHOT	
041939		V		0287		1715		2065		5240		5030												28 27 29 29				INITIAL	
043525		052460		0330		20123																						CB. shot	
043547		052461		0331		20124																		27 26 24 25				L.S.	
																								26 26 28 23				F.S.	
044117		V		0346		20143																							
045005		V		0370		2073																		25 25 25 20				CB. shot	
0511439		052461		0437		2176																		24 24 24 24				CB. shot w/galvo	
051501		052462		0438		2177																						L.S.	
052940		V		0478		2247																						F.S.	
055353		052462		0544		2351																						CK SHOT	
055414		052462		0545		2352																		24 21 25 22				L.S.	
060917		V		0586		2422																		24 25 21 25				F.S.	
063435		052463		0655		2530																						CB. shot w/GALVO	
063457		052464		0656		2531																		22 24 20 22				L.S.	
064127		V		0701		2606																		22 24 22 23				F.S.	
071348		V		0762		2703																							
																												CK SHOT.	

CRUISE			LINE		AREA-PROJECT													DATE	
Fm 05-2			CTD-35		CARIBBEAN TECTONICS II													21 JUL 80	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (Jb)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DEPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	Op		
				1	2	3	4	5	6	INIT	RATE	FINAL							
071517	052464	0766	27107																
071539	052465	0767	27110											24 24 23 23		L.S.			
075537	052465	0876	3065											24 24 24 24		F.S.			
075559	052466	0877	3066	23	65	51	37	35	28					23 23 21 21		L.S.			
080335		0895	31110											21 22 21 23		F.S.			
082435	↓	0955	3204													cb w/lost w/GALVO RECORD			
083429	052466	0982	3237													TIMED SHOT			
083451	052467	0983	3241													LAST SHOT			
084551		1013	3276	25	65	51	35	34	28							FIRST SHOT w/ REC# ROLLOVER ERROR 3237 ⇒ 41			
090751	↓	1073	3372											22 22 20 23		TIMED SHOT			
091427	052467	1091	3414													TIMED SHOT			
091449	052468	1092	3415													LAST SHOT			
092549		1122	3453	24	64	51	30	27	22							FIRST SHOT			
094749	↓	1182	3547											23 21 23 22		TIMED SHOT			
095341	052468	1198	35617													TIMED SHOT w/GALVO REC			
095403	052469	1199	3570													LAST SHOT			
100503		1229	3626	X 64	53	38	42	30								FIRST SHOT			
102703	↓	1289	3722											23 22 21 22		TIMED SHOT			
103401	052469	1308	3745													TIMED SHOT			
103423	052470	1309	3746													LAST SHOT			
1104523	↓	1339	4004	X 62	51	35	34	24								FIRST SHOT			
110131	052470	1383	4061											24 22 20 24		TIMED SHOT			
110153	052471	1384	4061													LAST SHOT/TAPE REMOVE DUE TO GOBS OF PARITY ERRORS			
1112353		1444	4155	X 63	49	35	34	27								FIRST SHOT			
														24 21 22 23		TIMED SHOT w/GALVO REC			

CRUISE FMO5-2	LINE CT2-36
START TIME 125025 21 July 1980 START LAT. 16°45.1 START LONG. -81°32.5	END TIME 2045Z 21 JUL 80. ENDING LAT. +16°30.70' N ENDING LONG. +70°50.60' W
SHT PT 1680	
SOURCE 4 Bolt Air Guns (starting 1806Z only 3 guns) SOURCE DEPTH 10 m	SOURCE CAPACITY 6000 in ³ + 4500 in ³
NO. OF TRACES 24 NEAR TRACE 24 @ 282m	GROUP INTERVAL 140 m with exceptions FAR TRACE 1 @ 3084 m
INSTRUMENT TJ DFS IV FILTERS: LOW 8HZ HIGH 62 HZ NOTCH out	GAIN MODE IFP SLOPE 18 dB/oct SLOPE 72 " " SLOPE
DATA LENGTH MIN. 12s MAX. 12s SAMPLE RATE 4ms NOMINAL FOLD 24	
REMARKS ① 140 m Spacing Except for 2-3-4, 11-12-13, 22-23-24 which ARE 70 m apart ② SONOBUOY DATA ON TRACE 23	



CRUISE Fm 05-2	LINE CT2-37
START TIME 2045Z START LAT. $16^{\circ}30.70'N$ START LONG. $170^{\circ}50.60'W$	END TIME 1000Z 23 JUL 80 ENDING LAT. $17^{\circ}58.40'N$ ENDING LONG. $67^{\circ}41.85'W$
SOURCE 3 BOLT AIR GUNS SOURCE DEPTH 10 meters	SOURCE CAPACITY 4500 cu. in.
NO. OF TRACES 24 NEAR TRACE 24 @ 281 m.	GROUP INTERVAL 140 m. WITH EXCEPTIONS* FAR TRACE 1 @ 3084 m.
INSTRUMENT FILTERS: LOW 8 Hz HIGH 62 Hz NOTCH OUT	GAIN MODE ZEP SLOPE 18 DB/OCT SLOPE 72 DB/OCT SLOPE
DATA LENGTH MIN. 125. MAX. 125. SAMPLE RATE 4 ms, NOMINAL FOLD 24	
REMARKS * 140 m. spacing between traces EXCEPT 2,3,4; 11,12,13; AND 22,23,24 WHICH ARE SPACED 70 m. apart	



CRUISE		LINE	AREA-PROJECT		DATE									
FMOS-2		CT2-37	C.V. II		21 July 80									
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH	GALV (Jb)	TRIP DEL.	REC. LGT	FLD	REP. DATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB
210608	052488	3032	7172	1121314	256550343625									
211434		3035	7221											
213402	✓	3105	7306										First Shot	
214607	052488	3141	7347										Test Shot	
1214629	052489	3142	7351										V.S.	
	✓	3202	7431								1821 X 20		Last Shot	
222520	489	3248	7522										FIRST SHOT w/GALVO REC	
222547	052490	3249	7523										V.S.	
224106		3291	7575		25655035473								Last Shot	
224932		3314	7624								2920 X 18		First Shot	
230434	490	3355	7675										V.S.	
230456	052491	3356	7676										V.S.	
													Last Shot	
231556		3386	7734		2565503525								First S	
233332	✓	3434	0015								3920 X 20			
234450	491	3465	0054										Test S	
234516	052492	3466	0055										V.S.	
235638		3497	0114		2565503535								Last S	
000719	✓	3526	0152								4030 X 20		First Shot	
002347	052492	3571	0226								2921 X 21		TIMED SHOT	
002409	052493	3572	0227		256553323725								TIMED SHOT	
003509		3602	0265								2320 X 19		last record	
004737		3636	0327								2420 X 23		first record	
010323	052493	3679	0402								2321 X 22		ck	
010345	052494	3680	0403		256552353525								ck	
													last record	
											2320 20		first record	

PAGE 100 OF 100

LINE

AREA-PROJECT

FMOS - 2

CT 2 - 37

Caribbean Tectonics II

DATE _____

22 July 1980

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[illegible]

CRUISE		LINE		AREA-PROJECT		PAGE 103 OF	
FM05-2		CT2-37		CARIBBEAN		DATE	
TIME		REEL		SH. PT		RECORD NO.	
130543	052512	5649	14256				
130605	052513	5650	4257				
131705		5680	4315				
132805	V	57110	4353	25665039A321			
134435	052513	5755	4430				
134457	052514	5756	4431				
135641		5788	4472				
140657	V	5816	4525				
142221	052514	5858	4577				
142243	052515	5859	4600				
143343		5884	4636	2667152384225			
144443	V	5919	4674				
150113	052515	5964	4751				
150135	052516	5965	4752				
152335		6025	5046				
153055		6045	5072				
153435	V	6055	5104				
153859	052516	6067	5120				
153921	052517	6068	5121				
155021		6098	5157				
155953		6124	5211				
1611834	052517	6175	5274				
1611856	052518	6176	5275	266652374226			
165558	052518	6277	5442				

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LINE

AREA-PROJECT

nos-2

CT 2-37

Caribbean Tectonics II

JATE

23 July 1980

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CRUISE

FMOS-2

LINE

CTZ-37

AREA-PROJECT

Caribbean Tectonics II

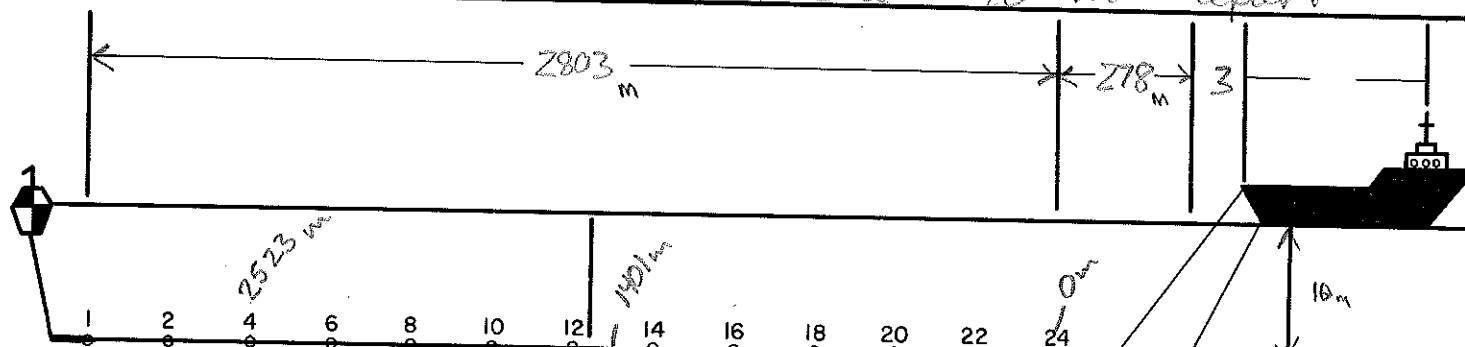
PAGE 107 OF 9

DATE

23 July 80

TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (MB)	TRIT DEL.	REC. 1STH	FLD	REP. RATE	WATER DPTH (fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	JB
055930	052538	8416	1566												
060313	052538	8426	1600												
060335	052539	8427	1601	2668	53	38	41	24						CK. SHOT.	
063422		8511	1725									24 25 X 26		L.S.	
064015		8527	1745											F.S.	
064335	052539	8536	1756											CK. SHOT.	
064400	052540	8537	1757	2668	53	38	41	24						CR. SHOT	
065837		8577	2026									24 25 X 25		L.S.	
072224	052540	8642	2130											F.S.	
072240	052541	8643	2131	2567	53	39	40	22						CK. SHOT + GALVO	
080201	052541	8750	2304									25 26 X 24		L.S.	
080223	052542	8751	2305											F.S.	
081323		8781	2343											LAST SHOT	
083523	V	8841	2437											FIRST SHOT	
084159	052542	8859	2461	2768	54	39	41	22				26 24 X 24		TIMED SHOT	
084221	052543	8860	2462											TIMED SHOT	
090421		8920	2556											LAST SHOT	
091521	V	8950	2614											FIRST SHOT	
092325	052543	8972	2642	2668	52	37	41	22				25 24 X 23		TIMED SHOT	
092347	052544	8973	2643											TIMED SHOT	
094547		9033	2737											LAST SHOT	
095647	V	9063	2775											FIRST SHOT	
095943	052544	9071	3005	2769	52	37	41	22				25 21 X 24		TIMED SHOT	
														TIMED SHOT w/GALVO REC	
														THAT'S ALL FOLKS	

CRUISE <u>FM05-2</u>	LINE <u>CT2-38</u>
START TIME <u>1000Z</u> <u>23 Jul 80</u> START LAT. <u>17° 58.40' N</u> START LONG. <u>67° 41.85' W.</u> <u>SHP PT 9072</u>	END TIME <u>0230Z</u> <u>24 July 1980</u> ENDING LAT. <u>16° 41.00' N</u> ENDING LONG. <u>67° 01.70' W</u> <u>SHP PT 1715</u>
SOURCE <u>3 Bolt Air Guns</u> SOURCE DEPTH <u>10 meters</u>	SOURCE CAPACITY <u>4500 (in) 3</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24 @ 281 m</u>	GROUP INTERVAL <u>140 m with exceptions</u> FAR TRACE <u>1 @ 3084 m</u>
INSTRUMENT <u>DFS TV</u> FILTERS: <u>LOW 8 Hz</u> <u>HIGH 62 Hz</u> <u>NOTCH OUT</u>	GAIN MODE <u>IFP</u> SLOPE <u>18 db/oct</u> SLOPE <u>72 db/oct</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>12s</u> MAX. <u>12s</u> SAMPLE RATE <u>4ms</u> NOMINAL FOLD <u>24 Fold</u>	
REMARKS <u>140 m spacing except 2,3,4 11,12,13 22,23,24 which</u> <u>are spaced 70 m apart</u>	



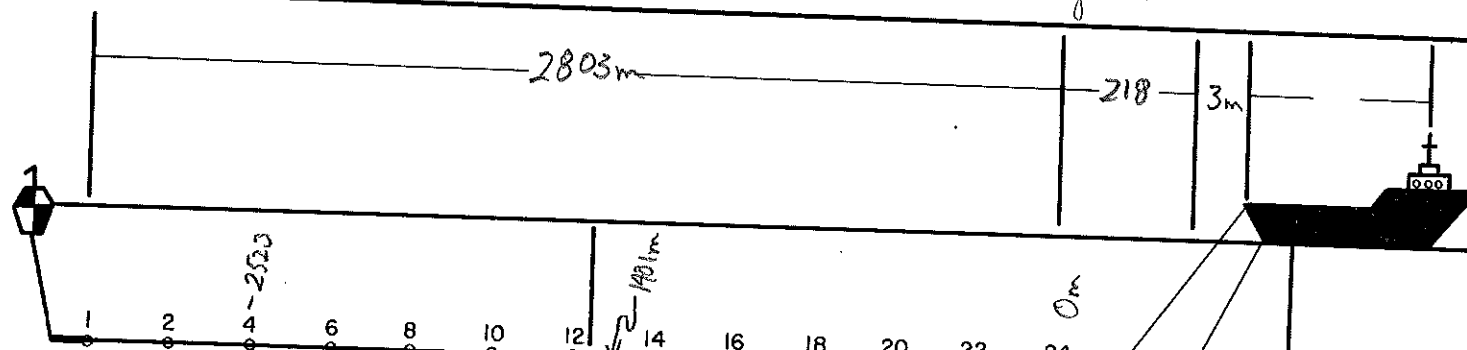
CRUISE		LINE		AREA-PROJECT		DATE	
FM05-2		CT2-38		CARIBBEAN TECTONICS II		23 JULY 80	
TIME	REEL	SH. P.	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP
100005	052545	9072	3006				
101105		91102	3044				
103305		91162	3140	257255	394223		
104003	052545	91181	3163				
104047	052546	91183	3164				
105147		92113	3222				
111347		9273	3316	246953	374225		
111939	052546	9289	3336				
112001	052547	9290	3337				
114201		9350	3433				
115301		9380	3471	206953	394224		
115959	052547	9399	3514				
120021	052548	9400	3515				
121121		9430	3553				
122221		9460	3611	217254	404225		
123639	052548	9499	3660				
123701	052549	9500	3661				
124801		9530	3717				
130431		9575	3774				
131701	052549	9609	4036				
131721	052550	9610	4037				
132927		9643	4100	297054	384225		
134133		9676	4141				
135551	052550	9715	4210				

CRUISE		LINE		AREA-PROJECT														PAGE 110 OF	
FM05-2		CT2-38		CARIBBEAN Tectonics II														DATE 23 July 1980	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP DEL.	REC. RATE	FLD	REP. RATE	WATER DPTH (Ft)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB			
135613	052551	97116	4211	1	2	3	4	5	6	INIT	RATE	FLD							
141115		9757	4262																
141349		9764	4271																
141813	IV	9776	4305																
143611	052551	9825	4366																
143633	052552	9826	4367																
144713		9856	4425	30															
150213	V	9896	4475	40									2722 X 26						
151441	052552	9930	4537	3073	5231	4227							2521 X 24						
151503	052553	9931	4540	34															
152603		9961	4575																
153703	V	9991	4634																
155523	052553	0042	4716										2621 X 24						
155545	052554	0043	4717	3072	5310	4532													
162110		0112	5024										2724 X 26						
163330	052554	0146	5066																
163352	052555	0147	5067	3072	5439	4025													
164811	V	0186	5136										2625 X 25						
171330	052555	0255	5243										2425 X 26						
171351	052556	0256	5244																
172415		0286	5302	2570	5337	4125													
174713	V	0347	5377										2524 X 24						
175219	052556	0361	5415										2322 X 24						
175243	052557	0362	5416	3170	5540	4227							2121 X 22						
182313	052558	0384	5473										2221 X 24						
INITIAL SHOT																			
TIMED SHOT																			
TIMED SHOT w/gal.																			
TIMED SHOT																			
FINAL SHOT																			
INITIAL SHOT																			
TIMED SHOT																			
TIMED SHOT																			
FINAL SHOT																			
INITIAL SHOT																			
TIMED SHOT																			
TIMED SHOT																			
FINAL SHOT																			
INITIAL SHOT																			
ck and galvo																			
L.S.																			
F.S.																			
check SHOT																			
L.S.																			
F.S.																			
ck. shot																			
ck. shot																			
L.S.																			
F.S.																			

UT-MSI GEOPHYSICS LABORATORY

PAGE 113 OF

CRUISE <u>FM05-2</u>	LINE <u>CT 2-39</u>
START TIME <u>0230 Z 24 July 1980</u> START LAT. <u>16° 41.00' N</u> START LONG. <u>67° 01.70' W</u>	END TIME ENDING LAT. ENDING LONG.
SOURCE <u>3 Bolt Air Guns</u> SOURCE DEPTH <u>10m</u>	SOURCE CAPACITY <u>4500 in³</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24 @ 281m</u>	GROUP INTERVAL <u>190m w/exceptions*</u> FAR TRACE <u>1 @ 3089m</u>
INSTRUMENT <u>TI DFS IV</u> FILTERS: LOW <u>8Hz</u> HIGH <u>62Hz</u> NOTCH <u>OUT</u>	GAIN MODE <u>IFP</u> SLOPE <u>18dB/oct</u> SLOPE <u>72" "</u> SLOPE <u> </u>
DATA LENGTH MIN. <u>12s</u> MAX. <u>12s</u> SAMPLE RATE <u>4ms</u> NOMINAL FOLD <u>24</u>	
REMARKS <u>① 140m spacing between traces except 2-3-4, 11-12-13 and 22-23-24.</u> <u>which have 70m spacings ② 0347:27 → 0632:28 trace 24 record sonobuoy data</u> <u>(channel 30). otherwise regular.</u>	



CRUISE		LINE		AREA-PROJECT		DATE									
FM05-2		CT 2-39		Caribbean Tectonics II		24 July 1980									
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	SALT (DB)	TRIP DEL.	REC. STA.	FLO	REP. RATE	WATER DPTH (FM)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	DB
023101	052570	1776	0222												
023959		1800	0252	20	20	07	03	10	32						
030623		1872	0253									29 21 X 20		Begin line CT 2-39	
032151	05	1923	0336	27	74	55	40	17	33			29 23 X 20		DFS down missed 71 shots	
033225	052570	1943	0362									26 21 X 25		ON COURSE - 055° - dead slow	600 RPM
033247	052571	1944	0363											on course at speed (850 RPM)	
034727		1918	0433											Begin line CT 2-39.	
035827		2014	0471									26 23 X 25		last record	
041201	052571	2051	0536									25 24 X 26		first record	
041203	052572	2050	0537	26	70	50	37	40	31			26 23 X 24		Sonobuoy F.S., trace 24, channel 30	
042744		2094	0611									18 20 X 24		ck	
045008		2155	0706									24 23 X 21		L.S.	
045200	052572	2160	0713											F.S.	
045221	052573	2161	0714	27	72	45	34	36	27					CK SHOT	
051315		2218	1005											CK SHOT.	
053135	052573	2268	1067									26 25 X 25		L.S.	
053157	052574	2269	1070	28	71	50	36	40	27			25 25 X 25		F.S.	
053939	↓ ↓ ↓	2290	1115									22 24 X 24		CHECK SHOT	
054826	↓ ↓ ↓	2314	1145									23 24 X 25		L.S.	
060625	↓ ↓ ↓	2363	1226									24 25 X 25		F.S.	
061109	052574	2376	1243											CHECK SHOT	
061140	052575	2377	1244	30	71	50	36	42	35			26 25 X 26		CHECK SHOT	
063228		2434	1335											CHECK SHIT	
														LAST SHIT	
														FIRST SHIT	
														END of Sonobuoy record	Trace 24 recordings seen again

CRISI

Fm OS-2

LINE

672-39

AREA-PROJECT

CARIBBEAN TECTONICS

[illegible]

24 JUL 80

CARIBBEAN TECTONICS II														DATE 34 JUL 80	
TIME	REEL	SH. PT.	RECORD NO.	STRMER DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (FT)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OS INT.	
0650:03	052575	2482	1415	1 2 3 4 5 6	INIT RATE FEHL										
0650:25	052576	24183	1416	30 70 52 37 42 38			12	29	22						
0705:05	V	2593	1466										L.S.		
0724:09	V	2575	1552										F.S.		
0728:33	052576	2587	1566								25 24 X 35		CHECK SHOT W/GALVO		
0728:55	052577	2588	1567	29 70 52 37 41 30									CHECK SHOT.		
0739:55		26118	1567								26 35 X 35		L.S.		
0755:41	V	2661	1695								25 25 X 25		F.S.		
0807:25	052577	2693	17100										CHECK SHOT		
0807:47	052578	2694	1740										CHECK SHOT		
0818:47		2724	1741										LAST SHOT		
0840:47	V	2784	1777										FIRST SHOT		
0846:39	052578	2800	2073	X 74 52 38 40 30									TIMED SHOT		
0847:01	052579	2801	2113								25 24 X 24		TIMED SHOT		
0858:01		2831	2114										LAST SHOT		
0920:01	V	2891	2152										FIRST SHOT		
0925:09	052579	2905	2246	X 72 52 36 42 30									TIMED SHOT		
0925:31	052580	2906	2264								25 25 X 23		TIMED SHOT W/GALVO REC		
0936:31		2936	2265										LAST SHOT		
0958:31	V	2996	2323										FIRST SHOT		
1004:23	052580	3012	2417	X 70 52 39 40 26									TIMED SHOT		
1015:07	052581	3014	2437								25 25 X 24		TIMED SHOT		
1027:		3044	2440										LAST SHOT		
	V	3104	2476										FIRST SHOT		
			2572	X 72 51 35 40 31									TIMED SHOT		
											25 25 X 25		TIMED SHOT		

[illegible]

Caribbean Tectonics II

2011

24 July 80

[illegible]

CRUISE			LINE		AREA-PROJECT										DATE		
FM05-2			CT2-39		Caribbean Tectonics II										24 July 80		
TIME	PEEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP DET.	REC. LGTH	FLD	REP. RATE	WATER DEPTH (F)	REL FIRE TIMES		CONTINUITY OR LEAKAGE	REMARKS	
						INIT	RATE						FIRE	24			23
231432	052601	5167	65712	29	704531325								24	23	X	23	Test Shot
233950	601	5236	6704														Test Shot
234012	052602	5237	6705														Test Shot
235112		5267	6740	28	7045303020								23	24	X	23	Test Shot
000659		5310	7016										25	24	X	24	ck
001949	052602	5345	7061														1st record
002611	052603	5346	7062	29	7249343525								24	24	X	23	first record
003111		5376	7120										24	24	X	23	ck
004445		5413	7165														ck
005819	052603	5450	7232														1st record
005841	052604	5451	7233	25	7047333535								24	24	X	24	first record
010941		5481	7371										26	25	X	26	ck w/galva
012315		5518	7336										24	23	X	24	ck
013711	052604	5556	7404														1st record
013733	052605	5557	7405	27	7048353525								24	23	X	22	first record
015045		5593	7451										25	23	X	23	ck
020145		5623	7507										25	23	X	23	ck
021601	052605	5662	7556														1st record
021623	052606	5663	7557	27	7250354025								25	23	X	23	first record
022851		5697	7621										24	23	X	23	ck
024143		5732	7664										23	22	X	22	ck
025517	052606	5769	7731														1st record
025539	052607	5770	7732	24	7247353625								23	22	X	22	first record
030913		5807	7777										23	23	X	23	ck - roll over

5944