

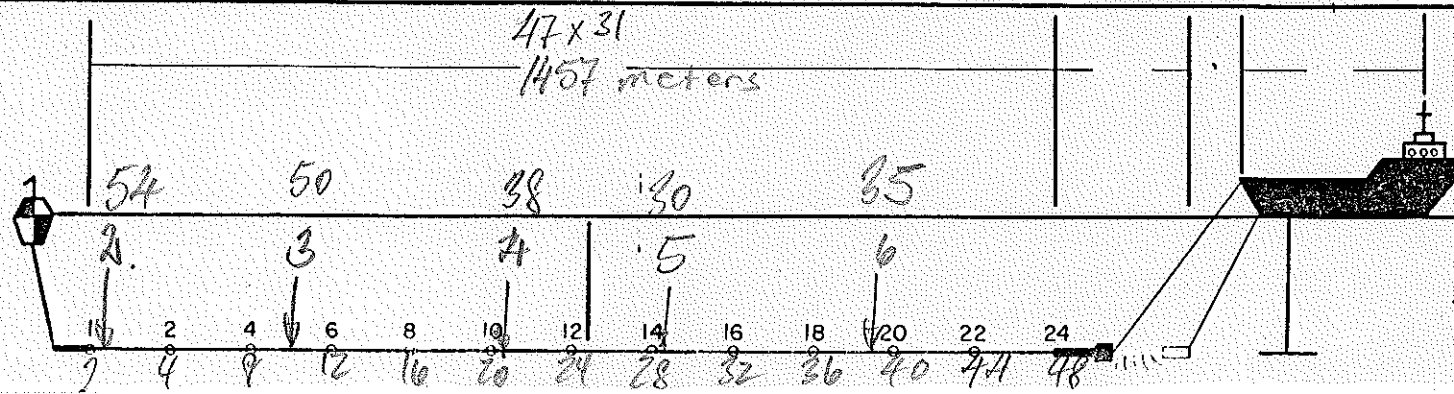
[illegible]

CRUISE				LINE				AREA-PROJECT														DATE															
FM 15				SC 83-1				Student cruise II; Texas Slope														7 Jan 83															
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH						GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT	
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		
01	644	46		15	00	07	05	06	02757	48	50	22	28																0760						end of tape		
02	645	16		15	00	08	05	07	02760	48	50	22	28																0761						new tape		
03				15	00	08	05	50	3033	50	50	20	18	31															1034						Middle of tape		
04	721	16		15	00	08	05	80	3071	48	50	21	18	28															1072						end of tape		
05	721	46		15	00	09	05	81	3072	48	50	21	18	29															1073						new tape		
06	742	16		15	00	09	06	22	3143	48	50	21	18	30															1144						MID tape	RE	
07	759	16		15	00	09	06	56	3205	48	50	21	16	27															1200						EOT	RE	
08	759	46		15	00	10	06	57	3206	48	50	21	16	27															1201						NT	RE	
09	816	16		15	00	10	06	90	3247	48	50	22	22	27															1250						MOT	RE	
10	834	46		15	00	10	07	27	3314	48	50	22	16	27															1315						EOT Missed	RE	
11	838	46		15	00	11	07	34	3316	48	50	22	16	27															1316						NT (7)shots when LOADING	RE	
12	853	46		15	00	11	07	66	3354	48	50	22	17	28															1355						MOT	RE	
13	913	16		15	00	11	08	05	3424	48	50	22	15	27															1424						EOT	RE	
14	913	46		15	00	12	08	06	3425	48	50	22	15	27															1425						NT	RE	
15	934	46		15	00	12	08	48	3476	50	50	21	15	20															1477						MT	RE	
16	948	46		15	00	12	08	76	3532	48	50	22	14	28															1533						EOT	RE	
17	949	16		15	00	13	08	77	3533	48	50	22	14	28															1534						NT	RE	
18	986	16		15	00	13	09	11	3575	48	50	22	14	28															1576						MOT	SP	
19	1025	46		15	00	13	09	50	3644	48	50	21	16	27															1645						EOT	SP	
20	1026	16		15	00	14	09	51	3645	48	50	21	16	27															1646						NT (check)	SP	
21	1045	46		15	00	14	09	90	3714	48	50	20	16	27															1715						MOT	SP	
22	1100	16		15	00	14	10	20	3751	48	51	24	20	30															1752						EOT	SP	
23	1100	46		15	00	15	10	21	3752	50	51	25	18	29															1753						NT	SP	
24	1113	46		15	00	15	10	47	2004	48	50	20	15	27															2005						MOT	SP	
25	1133	46		15	00	15	10	87	2054	48	50	21	16	29															2055						EOT		

[illegible]

CRUISE				LINE				AREA-PROJECT										DATE									
FM15				SC83-1				Student Cruise II, Texas Slope										7 Jan '83									
TIME	REEL				SH. PT	RECORD NO.	STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES		CONTINUITY OR LEAKAGE	REMARKS	OB INIT		
	1	2	3	4			1	2	3	4	5	6	INIT	RATE	FINL						DBS	REC.#					
0162116	1	5	0	0	23	1681	3	1	4	1	49	47	17	13	29			8	12	30		31	4	2	EOT	AB	
0162146	1	5	0	0	24	1682	3	1	4	2	49	49	17	13	29							31	4	3	NT	AB	
0163616	1	5	0	0	24	1711	3	1	7	7	49	49	17	2	27							32	0	0	MOT	CAO	
0165746	1	5	6	6	24	1757	3	2	5	2	49	48	18	11	26							3	2	5	3	S.P. 1759 Lost/EOT	
0165846	1	5	0	0	25	1760	3	2	5	4	49	48	18	11	26							3	2	5	4	NT	
0172116	1	5	0	0	25	1807	3	3	3	1	49	47	11	10	25							3	3	3	2	MOT	AB
0173446	1	5	0	0	25	1835	3	3	6	4	48	47	14	6	22							3	3	6	5	EOT	AB
0173516	1	5	0	0	26	1836	3	3	6	5	48	47	14	6	22							3	3	6	6	NT	AB
0175346	1	5	0	0	26	1873	3	4	3	2	48	46	10	5	20							3	4	3	3	MOT	
0180946	1	5	0	0	26	1905	3	4	7	2	39	24	0	3	27			8	12	30		3	4	7	3	End of Line SC-1	
0213114	1	5	0	0	27	1911	3	4	7	4	56	52	44	31	35			8	12	24		3	4	7	4	Start of line SC 2	
0227225	1	5	0	0	27	1949	3	5	3	7	53	50	36	30	36							3	5	4	0	MOT	
0242113	1	5	0	0	27	1986	3	6	0	4	54	50	39	30	37							3	6	0	5	EOT	
0242337	1	5	0	0	28	1987	3	6	0	5	54	50	39	30	37							3	6	0	6	NT	
0252113	1	5	0	0	28	2026	3	6	5	4	54	49	39	30	34							3	6	5	9	MOT	
0311125	1	5	0	0	28	2059	3	7	1	5	53	49	36	29	36							3	7	1	6	EOT	
0311149	1	5	0	0	29	2060	3	7	1	6	53	49	36	29	36							3	7	1	7	NT	
032701	1	5	0	0	29	2098	3	7	6	4	54	49	37	30	36							3	7	6	5	MOT	
034037	1	5	0	0	29	2133	6	0	2	6	54	49	38	30	36							4	0	2	7	EOT	
034101	1	5	0	0	30	2134	6	0	2	7	54	49	38	30	36			8	12	24		4	0	3	0	NT	
035725	1	5	0	0	30	2176	6	1	0	0	54	49	37	30	35							4	1	0	0	MOT	
040813	1	5	0	0	30	2204	6	1	3	3	54	49	37	30	35							4	1	3	4	EOT	
040837	1	5	0	0	31	2205	6	1	3	4	54	49	37	30	35							4	1	3	5	NT	

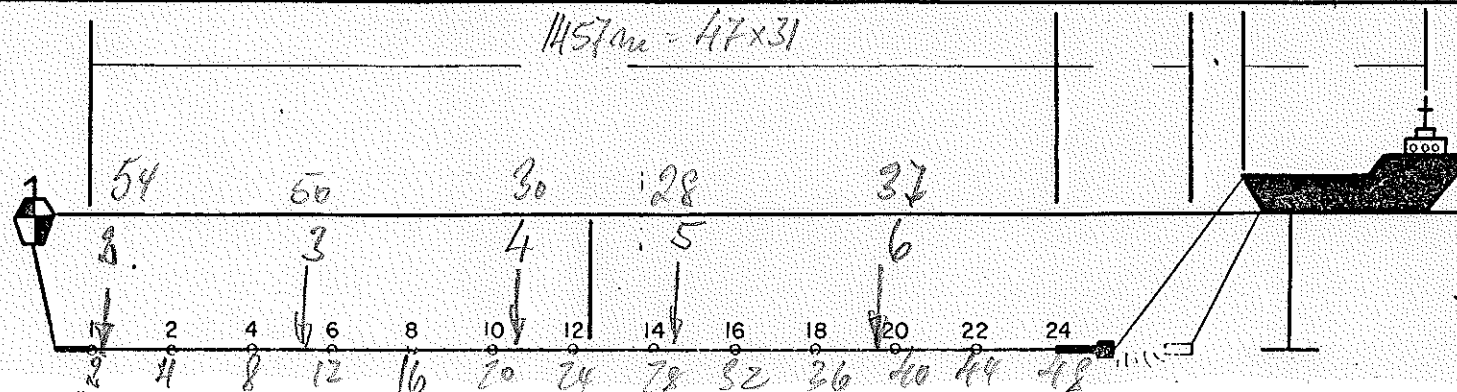
CRUISE <i>FH 15</i>	LINE <i>SC P3-2</i>
START TIME <i>8-13-14</i> START LAT. <i>+27° 00.36</i> START LONG. <i>-95° 05.32</i>	END TIME <i>11-54-37</i> ENDING LAT. <i>+26° 59.22</i> ENDING LONG. <i>-94° 08.29</i>
SOURCE SOURCE DEPTH <i>see program</i> <i>85 ft → 1457 meters</i> <i>check with A.D.W. R.</i>	SOURCE CAPACITY <i>2000 cubic mi [2000 gal]</i>
NO. OF TRACES <i>48</i> NEAR TRACE <i>#48, track distance</i>	GROUP INTERVAL <i>31</i> FAR TRACE <i>#1, (48-31) = 15.5 + leader</i>
INSTRUMENT FILTERS: LOW <i>8 Hz</i> HIGH <i>62 Hz</i> NOTCH <i>no notch</i>	GAIN MODE <i>1FF</i> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <i>8 sec</i> MAX. <i>X</i> NOMINAL FOLD <i>12</i>	SAMPLE RATE <i>4 ms</i>
REMARKS <i>None</i>	



CRUISE				LINE				AREA-PROJECT												DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
FM15				SC83-2				Student Cruise II: Tanco Slope												8 Jan '83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
TIME	REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS	OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	5	6	INIT	RATE						FINL	1	2	3	4	1	2	3			4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
042525	1	5	0	031	2	2	4	7	6	2	0	6	5	4	4	9	4	0	3	0	3	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

CRUISE				LINE				AREA-PROJECT																DATE																							
FM 15				SE 83-2				Huelent Cruise II; Texas Slope																8-Jan-83																							
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9				1 2 3 4				5 6 7 8 9				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		1 2 3 4				5 6 7 8 9				1 2 3 4 5 6				INIT	
01 81549				150039				2856				7337				5450383034										8 12 24						5 3 4 0								EOT							
01 82613				40				2857				7340				5450383036																5 3 4 1								NT							
01 84301				40				2899				7412				5450383036																5 4 1 3								NOT							
01 85501				40				2929				7450				5350383032																5 4 5 1								EOT							
01 85525				41				2930				7451				5350383032																5 4 5 2								NT							
01 91637				41				2968				7517				5450373034																5 5 1 8								NOT							
01 91649				41				3001				7560				5550373037																5 5 6 1								EOT							
01 92413				41				3002				7561				5550373037																5 5 6 2								NT							
01 94013				42				3042				7631				5450403037																5 6 3 2								NOT							
01 95237				42				3073				7670				5550413037																5 6 7 1								EOT							
01 95301				42				3074				7671				5450413037																5 6 7 2								NT							
01 1011349				43				3129				7755				5450383235																5 7 5 6								NOT				SP			
01 102237				43				3157				6000				5450403037																6 0 0 0								EOT (missed 8 shots)				SP			
01 102637				44				3161				7777				5450363036																6 0 0 3								NT				SP			
01 103949				44				3194				6043				5550403036																6 0 4 4								NOT				SP			
01 105437				44				3232				6110				5450373036																6 1 1 1								EOT				SP			
01 105501				45				3233				6111				5450373036																6 1 1 2								NT				SP			
01 1114137				45				3283				6172				5450383036																6 1 7 3								NOT				SP			
01 112301				45				3305				6217				5550373037																6 2 2 0								EOT (missed 10 shots)							
01 112701				47				3315				7777				5550373037																6 2 2 1								NT							
01 114301				47				3356				6270				5450342537																6 2 7 1								NOT							
01 115437				47				3385				6325				5552462737																6 3 2 6								EOT End line 2							
01 115501				48				3386				6326				5452452838																6 3 2 7								NT Begin line 3							
01 120749				48				3421				6366				5462553040																6 3 6 7								NOT							
01 122213				150048				3459				6432				5452322934										8 12 24						6 4 3 3								EOT							

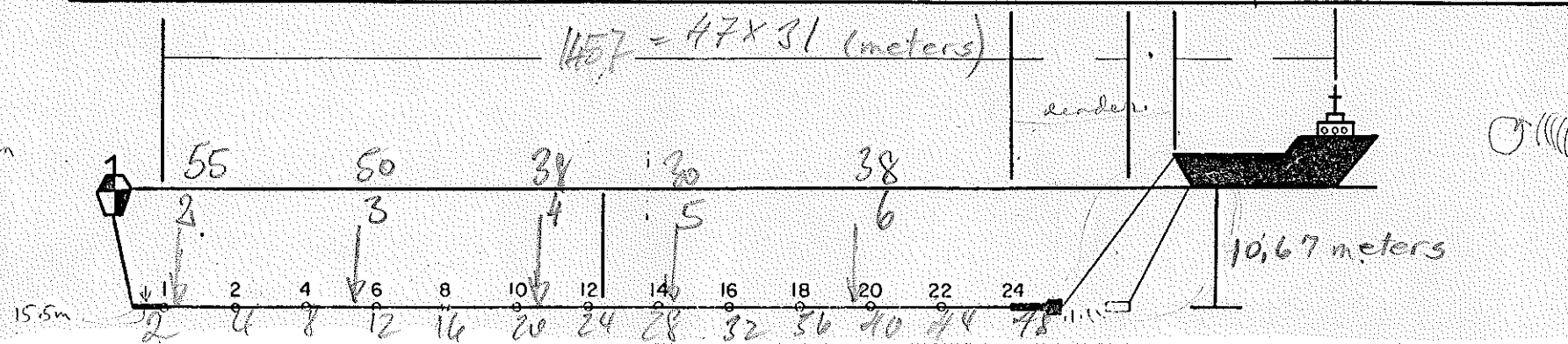
CRUISE <i>FH 15</i>	LINE <i>SL-88-3</i>
START TIME <i>11-55-01 Jan 8-83</i> START LAT. <i>+26° 59.13'</i> START LONG. <i>-94° 08.30'</i>	END TIME <i>00-43-49 Jan 9</i> ENDING LAT. <i>+26° 05.61'</i> ENDING LONG. <i>-94° 39.62'</i>
SOURCE SOURCE DEPTH <i>one airgun</i> <i>(35 ft) @ 1457 meters</i>	SOURCE CAPACITY <i>2000 cubic in, 2000 psi</i>
NO. OF TRACES <i>48</i> NEAR TRACE <i>#48, leader distance</i>	GROUP INTERVAL <i>31 m</i> FAR TRACE <i>#1, (48 x 31) - 15.5 + leader</i>
INSTRUMENT FILTERS: LOW <i>8Hz</i> HIGH <i>62Hz</i> NOTCH <i>no notch</i>	GAIN MODE <i>1FP</i> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <i>8sec</i> MAX. <i>12</i> NOMINAL FOLD <i>12</i>	SAMPLE RATE <i>4ms</i>
REMARKS <i>several shots missed at begin of trace #58</i>	



CRUISE				LINE				AREA-PROJECT												DATE																											
FM 15				SC 83-3				Student Cruise II; Texas Slope												8-Jan-'83																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19				20 21 22 23 24				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		REC. 1 2 3 4				OR LEAKAGE				REMARKS				INIT	
122237				150049				3460				6433				5452322934										8		12		24				6434								NT				SP	
123637				49				3496				6476				5553363038																6477								MOT				SP			
125037				49				3532				6541				5451352936																6542								EOT				SP			
125101				50				3533				6542				5456343936																6543								NT				SP			
130525				50				3569				6606				5451342937																6607								MOT				SP			
132013				50				3606				6653				5556383037																6654								EOT				SP			
132037				51				3607				6654				5352353037																6655								NT				SP			
133437				51				3643				6717				5452362936																6720								MOT				SP			
134813				51				3679				6761				5552353038																6762								EOT				SP			
134837				52				3680				6762				5550363037																6763								NT				SP			
140237				52				3716				7025				5452383037																7026								MOT				SP			
141701				52				3755				7071				5452343036																7073								EOT				SP			
141725				53				3756				7072				5452343036																7074								NT							
143213				53				3745				7137				5451342937																7137								MOT				C40			
144707				53				3832				7204				5452342837																7205								EOT							
144725				54				3833				7205				5452342837																7206								NT							
145900																																								SONOBUOY #21 ON TRACES 5 AND 10							
150501				54				3877				7261				5451342837																7262								MOT							
151547				54				3904				7314				5351352936																7315								EOT							
151613				150055				3905				7315				5351352936																7316								NT							
153149				150055				3944				7364				5351353036																7369								MOT							
154215				150053				3970				7416				5351353036																7415								Air gun malfunction							
154437				150055				3978				7424				5351353036																7423								EOT							
180413				156				3979				74				5350302852								8		12		24				7424								NT							

CRUISE				LINE				AREA-PROJECT				DATE																																			
FM 15				SC-82-3				Husker Course I Texas Slope				8-Jan-83																																			
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6				INIT RATE FINL				DEL.		LGTH		FLD		RATE		DPTH		TIMES				OR LEAKAGE									
19 23 40				150056								7534				55 50 31 28 35										8		12		24		7535										NOT					
19 24 03				52				41055				7535				55 50 31 28 35														7536										EOT							
19 53 49				57				4129				7642				55 50 31 28 37														7647										NOT							
19 56 13				150058				4135				7650				55 50 31 28 37														7650										EOT							
20 14 37				58				4183				7726				54 50 31 29 36														7727										NT missed twice shot							
20 24 16				58				4207				7756				54 50 31 29 37														7757										NOT							
20 24 37				59				4208				7757				54 50 31 29 37														7760										EOT							
20 41 25				59				4250				2038				55 50 31 28 37														0033										NT							
20 53 37				59				4278				2066				55 50 31 28 36														0062										NOT							
20 53 01				60				4279				2067				55 50 31 28 36														0070										EOT							
21 13 01				60				4329				2146				53 50 31 28 36														0152										NT							
21 21 25				60				4350				2146				53 50 31 28 36														0177										NOT							
21 21 49				61				4351				2177				53 50 31 28 36														0200										EOT							
21 41 49				61				4401				2261				53 50 31 28 37														0362										NT							
21 49 49				61				4422				2305				53 50 31 28 36														0306										NOT							
21 50 13				61				4483				2306				53 50 31 28 36														0307										EOT							
22 04 13				62				4459				2351				53 50 34 29 37														0352										NT							
22 18 37				62				4495				2415				52 50 34 29 36														0417										EOT							
22 19 01				63				4496				2416				52 50 34 29 36														0418										NT							
22 35 01				63				4535				2465				53 50 30 29 37														0466										NOT							
22 47 49				63				4568				2526				54 50 30 28 37														0527										EOT							
22 48 13				64				4569				2527				54 50 30 28 37														0530										NT							
23 02 37				150064				4605				2573				54 50 34 29 38										8		12		24		0574										NOT					

CRUISE <i>FM 15</i>	LINE <i>SL-83-4</i>
START TIME <i>1-13-01 Jan 9</i> START LAT. START LONG.	END TIME <i>Jan 10, 1983 0030 hrs</i> ENDING LAT. <i>+27° 39.26'</i> ENDING LONG. <i>-095° 53.58'</i>
SOURCE <i>one airgun</i> SOURCE DEPTH <i>(35 ft) \Rightarrow 10.67 meters</i>	SOURCE CAPACITY <i>2000 cubic inch 2000 psi</i>
NO. OF TRACES <i>48 traces</i> NEAR TRACE <i>#48, leader distance</i>	GROUP INTERVAL <i>31 meters</i> FAR TRACE <i>#1 (48 x 31) - 15.5 + leader</i>
INSTRUMENT FILTERS: LOW <i>8 Hz</i> HIGH <i>68 Hz</i> NOTCH <i>no notch</i>	GAIN MODE <i>1FP</i> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <i>10 sec</i> MAX. NOMINAL FOLD <i>8 12</i>	SAMPLE RATE <i>4 ms</i>
REMARKS	



CRUISE				LINE				AREA-PROJECT												DATE																
FM 15				SC-83-III				Student Cruise II, Texas Slope												8 Jan -83																
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE				CONTINUITY OR LEAKAGE	REMARKS	OB INIT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	INIT	RATE						FINL	Dfs	TIMES	#				recovery
23	17	01		1	50	0	64	4	6	4	1		26	37		54	50	32	28	35					8	12	24		0	6	4	0			EOT	SP
23	17	25					65	4	6	4	2		26	40		54	50	32	28	35									0	6	4	1			NT	SP
23	31	49					65	4	6	7	8		27	04		55	50	34	28	36									0	7	0	5			MOT	SP
23	45	49					65	4	7	1	4		27	47		55	50	35	28	36									0	7	5	0			EOT	SP
23	46	13					66	4	7	1	5		27	50		55	50	33	28	35									0	7	5	1			NT	SP
00	00	13					66	4	7	5	1		30	13		55	50	34	29	37									1	0	1	4			MOT	SK
00	14	13					66	4	7	8	7		30	56		54	50	33	29	37									1	0	6	0			EOT	Pm
00	14	37					67	4	7	8	8		30	57		54	50	33	29	37									1	0	6	1			NT	Pm
00	15	00																																	begin	
00	29	01					67	4	8	2	5		31	24		54	50	36	30	35									1	1	2	5			to port 2/min	Pm
00	43	25					67	4	8	6	0		31	67		55	50	40	32	37									1	1	7	0			MOT	SP
00	43	49					68	4	8	6	1		31	70		55	50	39	32	36									1	1	7	1			EOT	SP
00	58	13					68	4	8	9	7		32	34		55	50	40	31	34									1	2	3	5			NT	SP
01	12	37					68	4	9	3	3		33	00		52	50	40	32	39									1	3	0	1			EOT	SP
01	13	01					69	4	9	3	4		33	01		52	50	40	32	39					10	12	24		1	3	0	2			NT Start line 4	SP
01	27	25					69	4	9	7	0		33	45		55	52	44	33	40									1	3	4	6			MOT (at 01500)	20
01	35	49					69	4	9	9	1		33	72		55	53	44	34	40									1	3	7	3			EOT	SP
01	36	13					70	4	9	9	2		33	73		55	53	44	34	40									1	3	7	4			NT	SK
01	47	49					70	5	0	2	1		34	30		55	51	43	33	40									1	4	3	1			MOT	SP
01	59	25					70	5	0	5	0		34	65		54	52	45	34	41									1	4	6	6			EOT	SP
01	59	49					71	5	0	5	1		34	66		55	51	40	33	39									1	4	6	7			NT	SP
02	11	49					71	5	0	8	7		35	24		55	53	41	31	37									1	5	2	5			MOT	
02	22	37					71	5	1	0	8		35	57		52	51	37	31	36									1	5	6	0			EOT	
02	23	01					72	5	1	0	9		35	60		52	51	37	31	36									1	5	6	1			NT	

NEW DATA
9 JAN 83

CRUISE				LINE				AREA-PROJECT												DATE																					
FM-15				SC 83-IV				Student Cruise #; Texas Slope												9 Jan '83																					
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB	
																				DEL.		LGTH				RATE		DOPTH		TIMES		OR LEAKAGE				INIT					
0022500				150072																		10		12		24										End of turn (crs 320)					
0023000				72																																SONOBODY #4					
0023501				72				5139				3616				5052353038										1617								MOT							
0024637				72				5170				3653				5252403139										1654								EOT							
0024701				73				5171				3654				5252403139										1655								NT							
0025400																																		SONOBODY #5							
0025827				73				5200				3711				5352433238										1712								MOT							
0031101				73				5231				3750				5451423037										1751								EOT							
0031125				74				5232				3751				5451423037										1752								NT							
0032347				74				5264				2010				5552403039										2011								MOT							
0033325				74				5288				2040				5553423037										2041								EOT							
0033413				75				5289				2041				5553423037										2042								NT							
0034501				75				5317				2075				5450403037										2076								MOT							
0035725				75				5348				2134				5450373037										2135								EOT							
0035747				76				5349				2135				5450373037										2136								NT							
0040902				76				5377				2171				5450403037										2172								MOT							
0042101				76				5407				2227				5350373036										2230								EOT							
0042125				77				5408				2230				5350373036										2231								NT							
0043349				77				5439				2267				5350373036										2270								MOT							
0044525				77				5468				2324				5550403037										2325								EOT							
0044549				78				5469				2325				5550403037										2326								NT							
0045837				78				5501				2365				5550403036										2366								MOT							
0050949				78				5530				2421				5552393036										2422								EOT							
00511013				79				5531				2422				5552393036										2423								NT							

CRUISE					LINE		AREA-PROJECT														DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
FM 15					SC 83 - IV		Student Cruise II, Texas Slope														9 Jan 83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
TIME	REEL				SH. PT	RECORD NO.				STRMER DEPTH				GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	1	2	3	4		1	2	3	4	5	6	INIT	RATE	FINL	1	2						3	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
01 52148	1	5	0	7	9	55	60					2	4	7	55	52	39	30	36						10	12	24		2	4	6	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

CRUISE				LINE				AREA-PROJECT												DATE																
FM 15				SCP3 - IV				Acoustic Cruise II, Texas Slope												9 Jan 83																
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	INIT	RATE	FINL	1						2	3	4	5				6
01	84	61	8	15	0	87			60	73		34	54			58	52	40	30	38				10	12	24		3	4	5	5			EOT		
02	84	63	6			88			60	74		34	55			58	52	40	30	38									3	4	5	6			NT	13 shots
03	85	10	0			88			60	85		34	57			58	52	40	30	38									3	4	5	7			MOT	lost
04	91	50	0			88			61	46		35	53			53	52	40	30	37									3	5	5	4			EOT	
05	91	52	4			89			61	47		35	54			53	54	40	30	37									3	5	5	5			NT	
06	92	81	2			89			61	80		36	14			53	52	40	30	37									3	6	1	5			MOT	
07	93	92	4			89			62	08		36	50			52	51	37	30	38									3	6	5	1			EOT	
08	93	94	8			90			62	09		36	51			53	51	37	30	38									3	6	5	2			NT	
09	94	83	6			90			62	31		38	77			54	50	37	30	37									3	7	0	8			MOT	
10	96	30	0			90			62	67		37	43			54	51	37	30	37									3	7	4	4			EOT	
11	98	03	2			91			62	68		37	44			54	51	37	30	37									3	7	4	5			NT	
12	101	81	1			91			63	05		60	13			55	51	38	30	38									4	0	1	2			MOT	SP
13	102	63	6			91			63	26		60	36			55	50	40	30	39									4	0	3	7			EOT	SP
14	102	70	0			92			63	27		60	37			55	51	40	30	39									4	0	4	0			NT	SP
15	104	10	0			92			63	66		61	02			53	52	40	30	37									4	1	0	3			MOT	SP
16	105	01	2			92			63	85		61	31			53	51	40	30	37									4	1	3	2			EOT (missed 1 shot)	SP
17	105	11	0			93			63	87		61	32			53	51	40	30	37									4	1	3	3			NT	SP
18	110	34	8			93			64	19		61	72			53	51	38	30	37									4	1	7	3			MOT	SP
19	111	50	0			93			64	47		62	26			55	50	36	30	37									4	2	2	5			EOT	SP
20	111	52	4			94			64	48		62	27			55	50	37	30	37									4	2	2	6			NT	SP
21	112	72	4			94			64	78		62	65			55	50	37	30	37									4	2	6	6			MOT	SP
22	113	92	4			94			65	08		63	23			55	50	40	30	37									4	3	2	4			EOT	SP
23	113	94	8			95			65	09		63	24			55	50	40	30	37									4	3	2	5			NT	SP
24	115	21	2			150	0	95	65	40		63	63			55	51	38	29	36				10	12	24		4	3	6	4			MOT	SP	

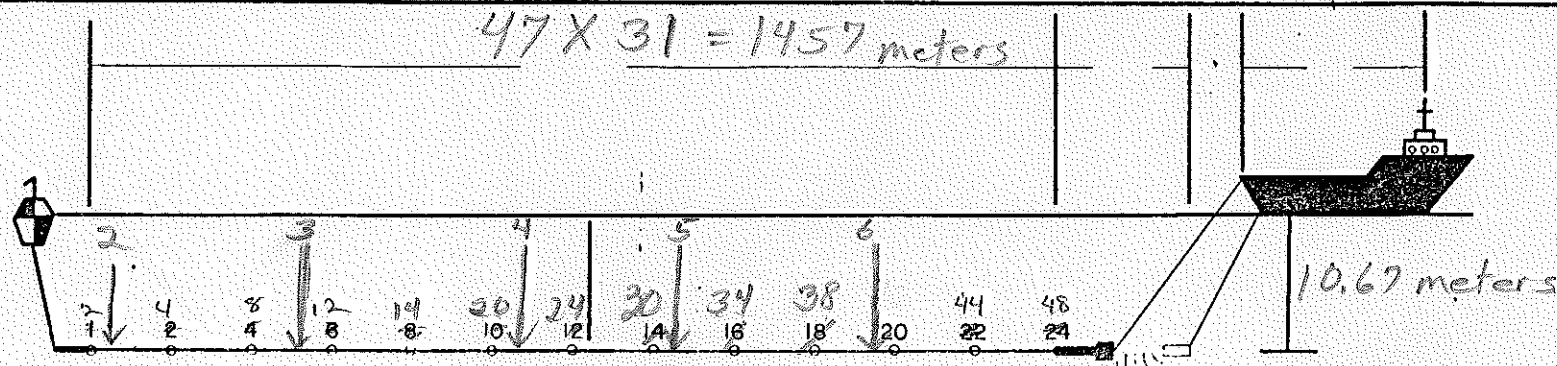
382
A/B
A/B

CRUISE				LINE				AREA-PROJECT												DATE															
FM15				SC83-4				STUDENT CRUISE II TEXAS SLOPE												9 JAN '83															
TIME	REEL				SH. PT	RECORD NO.						STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS	OB INIT
	1	2	3	4		1	2	3	4	5	6	INIT	RATE	FINL	1	2	3	4	5	6															
145148	1	5	0	103	69	4	4	72	64	54	52	41	30	36					10	12	24				5	2	6	5					NT		
150412	1	5	0	103	70	2	5	73	23	54	52	41	30	36											6	3	2	4					MOT		
151452	1	5	0	103	70	5	2	73	56	54	52	40	30	37											5	3	5	7					EOT		
151516	1	5	0	104	70	5	3	73	57	54	52	40	30	37											5	3	6	0					NT	AB	
152700	1	5	0	104	71	0	8	74	14	54	52	40	30	37											5	4	1	5					MOT		
153828				104	71	1	1	74	51	54	53	40	31	37											5	4	5	2					EOT		
153900				105	71	1	2	74	52	54	53	40	31	37											5	4	5	3					NT	AB	
155203				105	71	4	6	75	13	53	52	39	31	37											5	5	1	4					MOT		
160253				105	71	7	5	75	46	53	52	40	32	38											5	5	4	7					EOT		
160314				106	71	7	6	75	47	53	52	40	32	38											5	5	5	0					NT	AB	
161716				1106	72	2	1	76	12	54	53	42	30	37											5	6	1	3					MOT		
162718				1106	72	3	6	76	43	55	52	41	30	37											5	6	4	4					EOT		
162740				1107	72	3	7	76	44	55	52	41	30	37											5	6	4	5					NT	AB	
164204				1107	72	7	4	77	10	53	52	42	31	38											5	7	1	1					MOT		
164300																									5	7	4	5					SENOBUOY DEPLOYED		
165115				1107	72	9	8	77	37	53	52	40	32	39											5	7	4	0					EOT		
165239				1108	72	9	9	77	40	53	52	40	32	39											5	7	4	1					NT	AB	
170405				1108	73	3	1	77	77	54	52	40	31	37											6	0	0	0					MOT		
171506				1108	73	5	6	60	32	54	51	40	31	38											6	0	3	3					EOT		
171524				1109	73	5	9	60	33	54	51	40	31	38											6	0	3	4					NT		
172836				1109	73	9	3	60	74	54	51	40	31	37											6	0	7	5					MOT		
173804				1107	74	1	6	61	24	52	54	43	32	36											6	1	2	5					EOT		
173826				1110	74	1	7	61	25	52	54	43	32	36											6	1	2	6					NT		
175124				1110	74	4	9	61	65	52	54	42	31	36											6	1	6	6					MOT		

CRUISE				LINE				AREA-PROJECT												DATE																					
FM 15				SC83-4				STUDENT CRUISE II TEXAS SLOPE												9 JAN '83																					
TIME				REEL				SH. PT		RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT		
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	INIT	RATE	FINL	1						2	3	4	1	2	3	4	1	2	3	4	1		2	3
01	18	02	05	1	5	0	1	1	0	7	4	7	6	6	2	2	0	53	53	40	32	38				10	12	29		6	2	2	1					EOT			
01	18	02	26	1	5	0	1	1	1	7	4	7	7		6	2	2	1	53	53	40	32	38						6	2	2	2					NT				
01	18	17	37	1	5	0	1	1	1	7	5	1	6		6	2	6	7	53	53	41	32	39						6	2	6	7					MOT				
01	18	26	02	1	5	0	1	1	1	7	5	3	7		6	3	1	4	53	53	41	32	39						6	3	1	4					EOT				
01	18	26	27	1	5	0	1	1	2	7	5	3	8		6	3	1	5	53	53	41	32	39						6	3	1	5					NT				
01	18	36	50	1	5	0	1	1	2	7	5	6	5		6	3	4	7	53	53	40	32	38						6	3	4	7					MT				
01	18	49	15	1	5	0	1	1	2	7	5	9	6		6	4	0	6	54	52	39	31	38						6	4	0	6					ET				
01	18	50	02	1	5	0	1	1	3	7	5	9	8		6	4	1	0	54	52	39	31	38						6	4	0	7					NT				
01	19	00	28	1	5	0	1	1	3	7	6	2	4		6	4	4	2	53	52	37	31	39						6	4	4	3					MOT				
01	19	12	05	1	5	0	1	1	3	7	6	5	3		6	4	4	7	53	52	37	31	38						6	4	7	7					ET				
11				1	5	0	1	1	4										53	52	37	31	38													NT					
								- apparently lost		15 records for shots 7654-7667																								missed 2-3 records for shot points 54, 55							
01	19	13	17							7	6	5	6		7	7	7	7											6	5	0	0					NT				
01	19	18	04	1	5	0	1	1	5	7	6	6	8		6	5	0	1	51	53	39	32	38						6	5	0	2					NT				
01	19	30	50	1	5	0	1	1	5	7	7	0	0		6	5	3	7	52	52	40	32	39						6	5	4	0					MT				
01	19	42	51	1	5	0	1	1	5	7	7	3	2		6	5	7	5	54	52	38	31	39						6	5	7	6					EOT				
01	19	43	40	1	5	0	1	1	6	7	7	3	3		6	5	7	6	54	52	38	31	39						6	5	7	7					NT	Bad records 6607 6611 *			
01	19	54	27	1	5	0	1	1	6	7	7	6	1		6	6	2	7	53	52	37	32	39						6	6	3	1					MT				
02	00	73	39	1	5	0	1	1	6	7	7	9	4		6	6	7	0	53	52	42	32	39						6	6	7	1					EOT				
02	00	86	04	1	5	0	1	1	7	7	7	9	5		6	6	7	1	53	52	42	32	39						6	6	7	2					NT				
02	01	73	39	1	5	0	1	1	7	7	8	1	9		6	7	2	1	53	52	39	72	39						6	7	2	2					MOT				
02	03	30	51	1	5	0	1	1	7	7	8	5	2		6	7	6	2	53	53	41	32	39						6	7	6	3					EOT				
02	03	11	16	1	5	0	1	1	8	7	8	5	3		6	7	6	3	53	53	41	32	39						6	7	6	4					NT				
02	04	42	01	1	5	0	1	1	8	7	8	8	0		7	0	1	6	53	52	40	32	39						7	0	1	7					MOT				

CRUISE				LINE				AREA-PROJECT												DATE												
FM 15				SC 83-4				STUDENT CRUISE II Texas Slope												9 Jan '83												
TIME	REEL				SH. PT	RECORD NO.						STRMER DEPTH			GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS	OB INIT
	1	2	3	4		1	2	3	4	5	6	INIT	RATE	FINL	1	2	3						1	2	3	4	1	2	3	4		
20 54 03	15	0	1	18	79	1	0										10	12	24		7	0	5	5					EOT			
20 54 29	15	0	1	19	79	1	1														7	0	5	6					NT			
21 06 21	15	0	1	19	79	4	7														7	1	1	3					MOT			
21 17 39	15	0	1	19	79	6	9														7	1	5	0					EOT			
21 18 04	15	0	1	20	79	7	0														7	1	5	1					NT			
21 30 25	15	0	1	20	80	0	1														7	2	1	0					MOT			
21 42 02	15	0	1	21	80	3	0														7	2	4	5					EOT			
21 42 52	15	0	1	21	80	3	1														7	2	4	6					NT			
21 54 12	15	0	1	21	80	6	1														7	3	0	3					MOT			
22 05 48	15	0	1	21	80	8	9														7	3	4	0					EOT			
22 06 12	15	0	1	22	80	9	1														7	3	4	1					NT			
22 17 48	15	9	1	22	81	1	2	1													7	3	7	5					MOT			
22 29 48	15	0	1	22	81	1	5	1																								
22 30 12	15	0	1	23	81	1	5	2													7	4	3	3					EOT			
22 42 12	15	0	1	23	81	8	2														7	4	3	4					NT			
22 53 24	15	0	1	23	82	1	1														7	4	7	3					MOT			
22 53 48	15	0	1	24	82	1	2														7	5	2	6					EOT			
23 05 24	15	0	1	24	82	4	2														7	5	2	7					NT			
23 17 00	15	0	1	24	82	7	1														7	5	6	4					MOT			
23 17 24	15	0	1	25	82	7	2														7	6	2	1					EOT			
23 29 24	15	0	1	25	83	0	2														7	6	2	2					NT			
23 40 36	15	0	1	25	83	3	0														7	6	6	0					MOT			
23 43 00	15	0	1	26	83	3	6														7	7	1	4					EOT	6 shots		
00 00 00	15	0	1	26	83	6	6														7	7	1	7					NT	missing on tape		
																					7	7	5	5					MOT	150126		

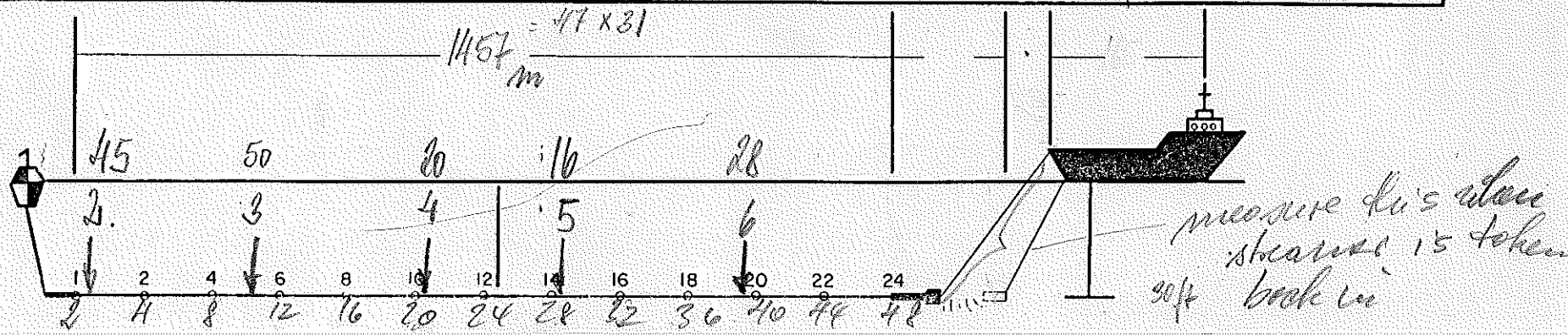
CRUISE <i>FM-15</i>	LINE <i>SC83-V</i>
START TIME <i>Jan 10, 1983 0030hrs</i> START LAT. <i>+27° 39.26'</i> START LONG. <i>-095° 53.58'</i>	END TIME ENDING LAT. ENDING LONG.
SOURCE <i>One airgun</i> SOURCE DEPTH <i>(35 ft) = 10.67 meters</i>	SOURCE CAPACITY <i>2000 cubic inches</i> <i>2000 psi</i>
NO. OF TRACES <i>48</i> NEAR TRACE # <i>1</i> <i>leader distance</i>	GROUP INTERVAL <i>31 meters</i> FAR TRACE # <i>1</i> <i>(48 x 31) - 15.5 + leader</i>
INSTRUMENT FILTERS: <i>LOW 8 Hz</i> <i>HIGH 62 Hz</i> <i>NOTCH None</i>	GAIN MODE SLOPE SLOPE <i>IFP</i> SLOPE
DATA LENGTH MIN. <i>8secs</i> MAX. X NOMINAL FOLD <i>12</i>	SAMPLE RATE <i>4ms</i>
REMARKS	



CRUISE				LINE				AREA-PROJECT										DATE														
				SC 83 - V				Student Cruise II; Texas Slope										10 Jan '83														
TIME				REEL				SH. PT		RECORD NO.				STRMER DEPTH				GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT
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				1 2 3 4 5 6				INIT RATE FINL														
0003148				150128				8458		7777				5350363236								10				01 06		Begin SC 5		NT Partial Record		
0004348				150128				8488		2143				5351393236											01 44		* /		MOT on tape of 8458			
0005500				150128				8516		2177				5451363138											02 00		* /		EOT			
0005524				150129				8517		2200				5451363138											02 01		/		NT			
010700				150129				8547		2235				5351393138				Shot 8548 missing				apparently			02 36		/		MOT			
011836				150129				8577		2272				5352363038											02 73		/		EOT			
011900				150130				8578		2273				5352363038											02 74		/		NT			
013100				150130				8608		2331				5452373139											03 32		/		MOT			
014124				150130				8634		2363				5451363138											03 64		/		EOT			
014148				150131				8635		2364				5451363138											03 65		/		NT			
015348				150131				8665		2422				5452393138											04 23		/		MOT			
020404				150131				8691		2454				5352383037											04 55		/		EOT			
020426				132				8692		2455				5352383037											04 56		/		NT			
0217515				132				8720		2510				5351363038											05 11		/		MOT			
022651				132				8749		2545				5350353138											05 46		/		EOT			
022716				133				8750		2546				5350353138											05 47		/		NT			
023741				133				8776		2600				5251373037											06 01		/		MOT			
024500																									06 4		/		CK 6"/min			
025114				133				8810		2642				5251382738											06 43		/		EOT			
025139				134				8811		2643				5251382738											06 44		/		NT			
030340				134				8841		2701				5351452738											07 02		/		MOT			
031452				134				8869		2735				5457502938											07 36		/		EOT			
031514				135				8870		2736				5457502938								8 12 24				07 37		* /		NEW LINE Begin SC 6		
																													NT			

CRUISE				LINE				AREA-PROJECT																DATE																								
FM 15				SC83-6				STUDENT CRUISE II - TEXAS SLOPE																10 JAN '83																								
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH						GAIN (db)			TRIP		REC.		FLD		REP.		WATER		REL FIRE				CONTINUITY				REMARKS				OB	
1 2 3 4				5 6 7 8 9				10 11 12 13 14				15 16 17 18 19 20				1 2 3 4 5 6						INIT RATE FINL			DEL.		LGTH		RATE		DPTH (Fm)		TIMES				OR LEAKAGE								INIT			
033338				150135				8916				3014				5153403038											8		12		24				0737													
034228				135				8938				3042				5051383038																	1015															
034250				136				8937				3043				5051383038																	1043															
034500												3043				5051383038																	1044															
040036				136				8918				3117				5050403040																	1120															
041212				136				9012				3154				5052413238																	1155															
041236				137				9013				3155				5052413238																	1156															
042948				137				9056				3230				5052413238																	1231															
044148				137				91086				3246				5051403238																	1267															
044421				138				9087				3267				5051403238																	1270															
045724				138				9126				3335				5150403239																	1336															
051100				138				9162				3376				5053423339																	1397															
051100				139				9163				3377				5053123339																	1400															
052500				139				9201				3442				5052423239																	1443															
053800																																																
054100																																																
053924				139				9237				3506				4852403339																	1507															
053948				140				9238				3507				4852403339																	1510															
05524				140				9277				3556				4850413339																	1557															
060851				140				93112				3620				5150373239																	1621															
061091				141				9313				3621				5150373238																	1622															
061234				141				9351				3665				5150373238																	1666															
062304				141				9365				3731				5051393239																	1732															
063828				142				9389				3732				5051393239																	1733															

CRUISE <i>Student Cruise II FM 15</i>	LINE <i>SC 83-1</i>
START TIME <i>2. 33. 16, Jan 7 PM</i> START LAT. <i>+28. 09. 54'</i> START LONG. <i>-94 56.79'</i>	END TIME <i>18. 09. 46, Jan 7</i> ENDING LAT. <i>+27. 00. 36'</i> ENDING LONG. <i>-95 05.32'</i>
SOURCE <i>one Airgun</i> SOURCE DEPTH <i>(351 ft) \Rightarrow 1457 meters</i> <i>check with Archie R.</i>	SOURCE CAPACITY <i>2000 cu [2000 yds.]</i>
NO. OF TRACES NEAR TRACE <i>48</i> <i>#48, leader distance</i>	GROUP INTERVAL <i>31 m</i> FAR TRACE <i>#1, (48-31)-15.5 + leader</i>
INSTRUMENT FILTERS: LOW <i>8 Hz</i> HIGH <i>63 Hz</i> NOTCH <i>no notch filter</i>	GAIN MODE <i>IFP</i> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <i>8 sec</i> MAX. <i>X</i> NOMINAL FOLD <i>12</i>	SAMPLE RATE <i>(4 ms)</i>
REMARKS <i>part of the searanger started surfacing towards the end of this line</i>	



CRUISE				LINE				AREA-PROJECT												DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
FM15				SC83-6				STUDENT CRUISE II - Texas Slope												Jan 10, 83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES				CONTINUITY OR LEAKAGE	REMARKS	OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0650	52	1	50	1	4	2	94	22	377	71	50	51	41	32	38							8	12	24			1	7	7	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

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