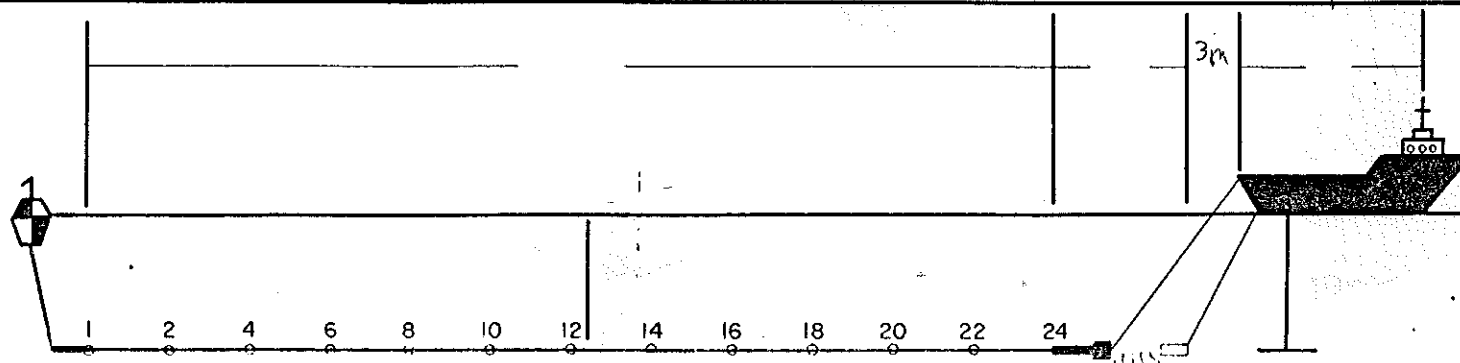


CRUISE <u>FM-13</u>	LINE <u>TS-1</u>
START TIME <u>2044<sup>20</sup>Z</u> SHOT # <u>1</u> START LAT. <u>28 03.53N</u> START LONG. <u>95 08.56W</u> <u>19 MAY 82</u>	END TIME <u>09:32:09</u> ENDING LAT. <u>26 52.48N</u> ENDING LONG. <u>95 00.27W</u>
SOURCE <u>2 Bolt Air Guns</u> SOURCE DEPTH <u>8-10m</u>	SOURCE CAPACITY <u>200/300-350psi</u>
NO. OF TRACES <u>24</u> ( <u>2, 12-16 dead</u> ) NEAR TRACE <u>24-</u>	GROUP INTERVAL <u>70m</u> FAR TRACE
INSTRUMENT <u>DFS-4</u> FILTERS: <del>LOW</del> <u>HIGH - ALIAS 62</u> <del>HIGH</del>	GAIN MODE <u>IFP</u> INSTANTANEOUS SLOPE <u>FLOATING</u> SLOPE <u>POINT</u> SLOPE
DATA LENGTH MIN. MAX. <u>12</u> SAMPLE RATE <u>4ms</u> NOMINAL FOLD <u>12</u>	
REMARKS <u>REP RATE - 22 sec</u>	



LAST SHOT (8)

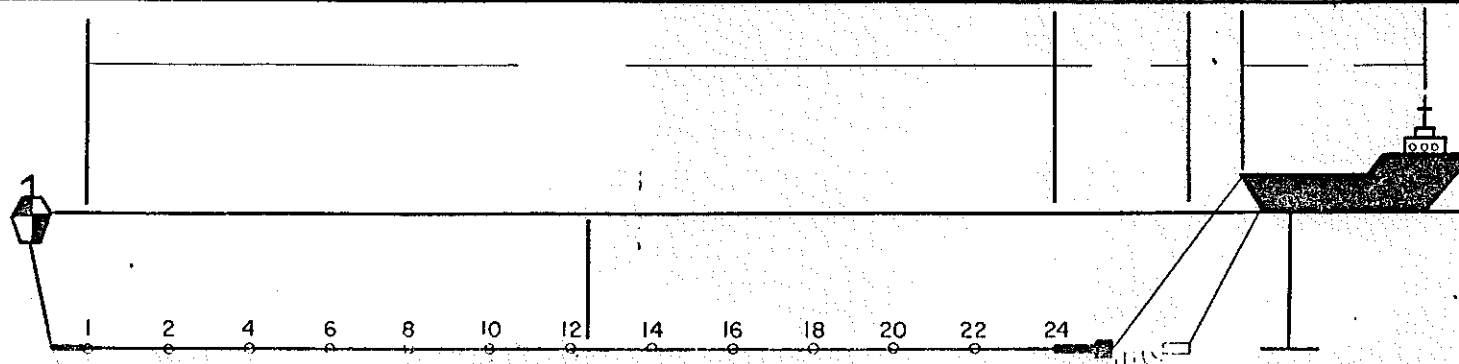
CRUISE				LINE				AREA-PROJECT														DATE													
FM-13				TS-1				GOM - UT-A STUDENT TRAINING CRUISE														20 MAY 82													
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GALL (db)		TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT	
H	R	M	S	C								1	2	3	4	5	6	INIT	RATE	FINL															
00	29	06			13	00	07		61	4	11	41					60	27	19						12	12	22		288				FIRST SHOT	D/B	
00	48	33			13	00	07		66	7	12	25					60	29	20										286				MID SHOT		
01	05	48			13	00	07		71	4	13	04					61	40	20										318				last shot		
01	06	10			13	00	08		71	5	13	05					61	40	20										319				first shot		
01	28	08			13	00	08		77	5	14	01					59	29	15										380				mid shot		
01	40							~80	5		14	40																					Some bad traces - due to testing		
01	43	10			13	00	08		81	6	14	52					60	29	16										400				last shot		
01	43	32			13	00	09		81	7	14	53					60	29	16										405				first shot - 1/2		
02	04	28			13	00	09		87	4	14	44					60	30	16										414				mid shot		
02	19	50			13	00	09		91	6	16	16					60	43	24										423				last shot		
02	20	12			13	00	10		91	7	16	17	911				60	43	24										424				first shot		
02	41	30			13	00	10		97	5	17	11					60	30	18										457				mid shot		
02	58	00			13	00	10		10	20	17	66					60	33	20										511				last shot		
02	58	22			13	00	11		10	21	17	67					60	33	20										512				first shot		
03	17	48			13	00	11		10	74	20	54					52	28	12										548				mid shot		
03	35	44			13	00	11		10	23	21	35					57	35	19										595				last shot		
03	36	06			13	00	12		11	24	21	36					57	35	19										598				first shot		
03	58	50			13	00	12		11	86	22	34					60	36	20										636				Mid shot		
04	13	30			13	00	12		12	26	23	04					60	35	20										617				last shot		
04	13	52			13	00	13		12	27	23	05					60	35	20										618				first shot		
04	35	54			13	00	13		12	87	24	01					60	35	20										597				Mid shot		
									13	06	24	24																					Crimp in tape - or bad spot seemed to run through.		
04	51	18			13	00	13		13	29	24	53					60	40	20										599				last shot		
04	51	40			13	00	14		13	30	24	54					60	40	20										599				first shot		

CRUISE				LINE				AREA-PROJECT														DATE									
FM-13				TS-1				Texas Slope - UTIG student cruise														20 MAY 1982									
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH				GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT	
HR	MIN	SEC	C	6	7	8	9	1	2	3	4	5	6	INIT	RATE	FINL															
05	12	35		130	01	4	1387													12	12	22	605						Mid Pt.	YB	
05	27	58		130	01	4	1429																632						Lost Shot		
05	28	20		130	01	5	1430																633						1st Shot		
05	47	23		130	01	5	1482																NOT available						Mid Pt		
06	04	59		130	01	5	1530																673						Lost Shot		
							1531																						1531-1535 Missed (5)		
06	07	11		130	01	6	1536																680						1st shot		
06	25	31		130	01	6	1586																716						Mid Pt		
06	43	51		130	01	6	1636																735						Lost Shot		
							1637																						Missed 1637-1643 (6)		
06	45	20		130	01	7	1644																736						1st Shot		
07	08	10	3	130	01	7	1702																735						Mid Pt		
07	22	21		130	01	7	1741																739						Lost Shot		
07	22	43		130	01	8	1742																739						1st		
07	41	14	7	130	01	8	1794																758						Mid		
07	59	02		130	01	8	1841																770						Lost		
07	59	23		130	01	9	1842																770						1st		
08	20	17		130	01	9	1899																770						Mid		
08	36	03		130	01	9	1942																773						Lost		
08	36	25		130	02	0	1943																773						1st		
08	56	13		130	02	0	1997																						Mid		
09	13	45		130	02	0	2045																						Lost		
09	14	11		130	02	1	2046																						1st		
09	38	23					2112																							mid	DB

0932 SHOT 2095  
Begin TS-2

0932 SHOT 2095  
Begin TS-2

CRUISE FM-13	LINE TS-2
START TIME 09:32:31 SHOT #2015 START LAT. 26 52.45N START LONG. 95 00.25W	END TIME 16:00:06 SHOT: 4153 ENDING LAT. 26 51.34N ENDING LONG. 94 12.58W
SOURCE 2 Bolt Air Guns SOURCE DEPTH	SOURCE CAPACITY 2 @ 1400-480 psi
NO. OF TRACES 24 (2, 12-16 dead) NEAR TRACE 24	GROUP INTERVAL 70 m FAR TRACE
INSTRUMENT FILTERS: LOW HIGH NOTCH	GAIN MODE IFP Instantaneous SLOPE Floating SLOPE Point SLOPE
DATA LENGTH MIN. MAX. 12 NOMINAL FOLD 12	SAMPLE RATE 4 msec
REMARKS	

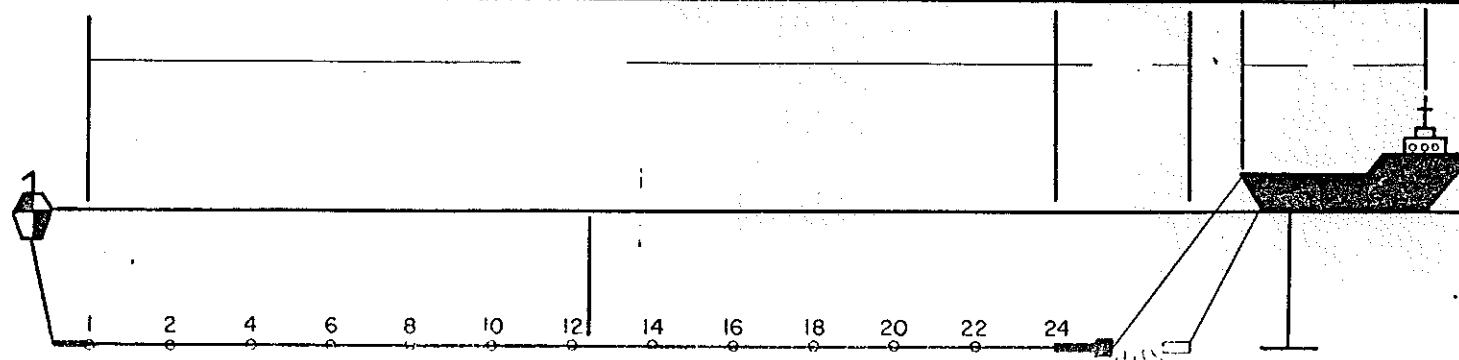


CRUISE					LINE					AREA-PROJECT															DATE														
FM-13					TS-2					TEXAS SLOPE UT 16 STUDENT CRUISE															20 MAY 82														
TIME					REEL					SH. PT		RECORD NO.					STRMER DEPTH					-GAIN (DB)			TRIP	REC.	FLD	REP.	WATER	REL FIRE			CONTINUITY			REMARKS			OB
HR	MIN	SEC	C	1	2	3	4	5	6	1	2	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DEPTH (FTH)	TIME	OR	LEAKAGE				INIT							
009	50	54		130021						2146		4125													730							Last shot	DB						
009	51	12		130022						2147		4126													730							1st short B							
01009	10									2196		4207													775							MID SHOT							
011027	32			130022						2246		4271													768							Last shot B C/C to 094°							
011027	54			130023						2247		4272													768							1st shot A							
010480	2									2302		4361													778							Mid shot							
011020										2343		4432													802							C/C to 099°							
011045	5									2348		4437													821							Last shot A							
011051	6			130024						2349		4440													821							FIRST SHOT B							
011182	0									2384		4503													833							C/C 104°							
011235	8									2400		4523													824							MID SHOT							
011330	0									2425		4554													817							C/C 107°							
011421	8			130024						2450		4605													822							LAST SHOT B							
011424	1			130025						2451		4606													822							FIRST SHOT A							
012010	0									2501		4670													830							MID SHOT							
012174	4			130025						2552		4753													828							LAST SHOT A							
012200	5			130026						2553		4754													831							FIRST SHOT B							
012360	0									2593		5030													840							C/C to 100°							
012405	9									2610		5045													846							MID SHOT							
012570	9			130026						3454		5121													837							LAST SHOT	DB						
012573	5			130027						3655		5122													837							First shot							
013334	6			130027						3754		5265													837							last shot							
013340	8			130028						3755		5266													837							First shot							
014133	8			130028						3860		5437													837							last shot							

[illegible]



CRUISE FM-13	LINE TS-3
START TIME 16:00:06 Shot # 4153 START LAT. 26 51.34N START LONG. 94 12.58W	END TIME ENDING LAT. ENDING LONG.
SOURCE 2 bolt air guns SOURCE DEPTH	SOURCE CAPACITY 2 @ 400-450 psi
NO. OF TRACES 24 NEAR TRACE 24 (2, 12-16 ahead)	GROUP INTERVAL 70 m FAR TRACE
INSTRUMENT FILTERS: LOW HIGH NOTCH	GAIN MODE IFP Instantaneous SLOPE Floating SLOPE Parity SLOPE
DATA LENGTH MIN. MAX. 12 NOMINAL FOLD 12	SAMPLE RATE 4 msec.
REMARKS Sonobuoy recorded on trace 2.	





CRUISE				LINE		AREA-PROJECT														DATE															
FM 13				TS-3		Tx slope UTIG Student Cruise														20 May '82															
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH						GAIN (db)		TRIP		REC.		FLD		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		OB	
HR	MIN	SEC	C	1	2	1	2	1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DEPTH	(Fm)	TIMES	OR	LEAKAGE										
19	13	40		130036		4781		0304										125	12	225															
19	14	01		130037		4782		0305																											
19	14	24		130037		4783		0306																											
19	14	34		130037																															
19	38	58		130037		4750		0411																											
19	50	46		130037		4782		0451																											
19	51	04		130038		4783		0452																											
19	00	17		130038		4830		0531																											
20	26	37		130038		4881		0614																											
20	26	59		130039		4882		0615																											
20	48	38		130039		4840		0707																											
21	03	20		130039		4980		0756																											
																														</					

[illegible]

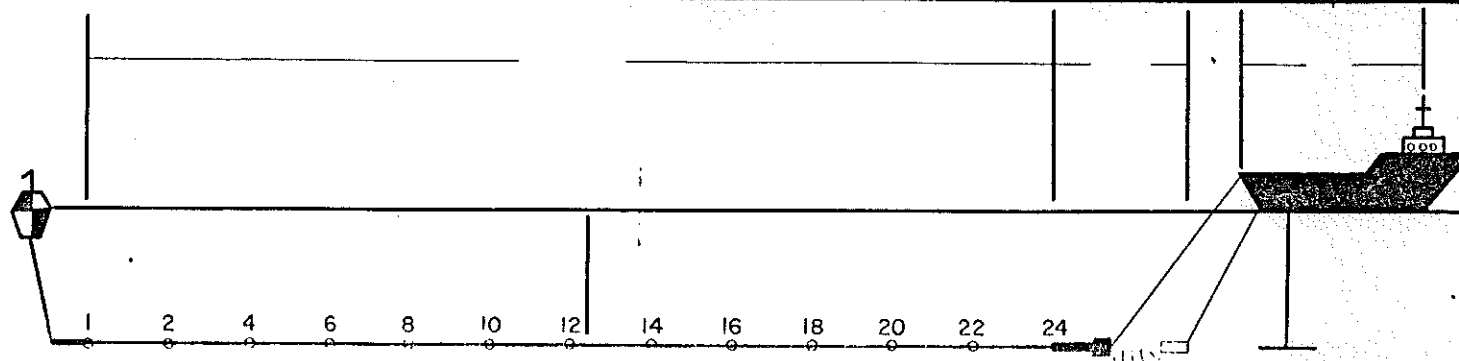


CRUISE				LINE				AREA-PROJECT														DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
FM-13				TS-4				TX Slope UT 16-Student Cruise														21 May 82																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
HR	MIN	SEC	C	1	2	3	4	5	6	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
02	42	06		1	30	04	9	59	04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

missed shots possible 3-7



CRUISE <u>FM-13</u>	LINE <u>TS-5</u>
START TIME <u>1530 Z</u> START LAT. <u>27 45.88</u> START LONG. <u>095 46 96</u>	END TIME <u>0540 11 Z</u> ENDING LAT. <u>27° 04' 70"</u> ENDING LONG. <u>94° 17' 00"</u>
SOURCE <u>2 Bolt Air guns</u> SOURCE DEPTH <u>8-10 m</u>	SOURCE CAPACITY <u>2 @ / 300-350 PSI</u>
NO. OF TRACES <u>24</u> NEAR TRACE <u>24</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE
INSTRUMENT <u>DFS-IV</u> FILTERS: <u>LOW</u> <u>HIGH - Alias 62</u> <u>NOTCH</u>	GAIN MODE <u>IFD</u> SLOPE SLOPE SLOPE
DATA LENGTH MIN. <u>12</u> NOMINAL FOLD <u>12</u>	MAX. <u>12</u> SAMPLE RATE <u>4 ms</u>
REMARKS <u>Rep. rate 22 sec.</u>	





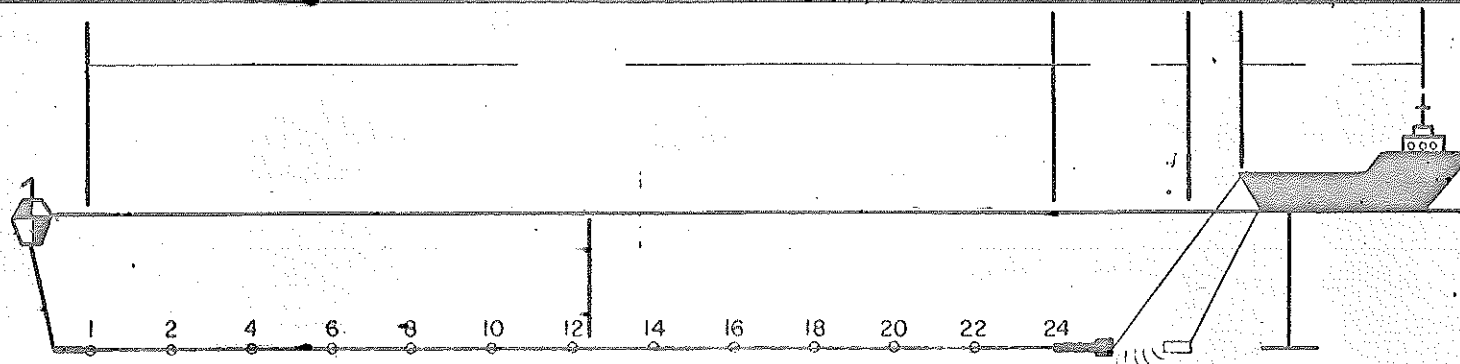
CRUISE					LINE					AREA-PROJECT															DATE																					
FM-13					TS-5					Texas Slope - UTIG Student Cruise															21 May 1982																					
TIME					REEL					SH. PT.		RECORD NO.					STRMER DEPTH						GAIN (db)			TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES			CONTINUITY OR LEAKAGE			REMARKS			OB INIT	
HR	MIN	SEC	C		6	7	8	9		1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH	FLD	RATE	DPH	Fm	T1	T2	T3	T4	T5	T6	OK	NG	REMARKS	OB	INIT											
15	30				13	00	70																											begin turn to 120°												
15	34	18			13	00	70		80	10						66	41							31										line 5 begins												
15	52	37			13	00	70		80	60						67	23																	mid shot												
15	52	59			13	00	71		80	61						67	24							28										last shot												
16	09																																		first shot											
16	16	27			13	00	71		81	25						70	24																	Sona buoy #6 tossed over												
16	30	45			13	00	71		81	64						70	73																	Mid shot												
16	31	07			13	00	72		81	65						70	74																	Last shot												
16	51	39			13	00	72		82	21						71	64																	first shot												
17	06	20			13	00	72		82	84						72	34																	Mid shot												
17	06	42			13	00	73		82	62						72	35																	Last												
																																				75 shot	FB									
17	27	57			13	00	73		83	20						73	27							72										Mid Pe												
17	44	05			13	00	73		83	64						74	03							143										Last Shot		↓										
17	44	27			13	00	74		83	65						74	04							143										1st Shot												
18	03	32			13	00	74		84	17						74	70							204										Mid Pe												
18	20	01			13	00	74		84	62						75	45							235										Last												
18	20	23			13	00	75		84	63						75	46							235										1st												
18	38	43			13	00	75		85	13						76	30							277										Mid												
18	56	19			13	00	75		85	61						77	10							308										Last												
18	56	41			13	00	76		85	62						77	11							308										1st												
19	20	31			13	00	76		86	27						00	13							345										Mid												
19	33	21			13	00	76		86	62						00	56							345										Last												
19	33	43			13	00	77		86	63						00	57							345										1st												

CRUISE				LINE				AREA-PROJECT														DATE													
FM - 13				T 5-5				Tx. Slope UTIG Student Cruise (PABLO)														21 May 1982													
TIME				REEL				SH. PT		RECORD NO.		STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES			CONTINUITY OR LEAKAGE		REMARKS	OB INIT			
HR	MIN	SEC	C	10	11	12	91	1	2	3	4	5	6	INIT	RATE	FINL																			
19	59	01		1300	07	7		87	32					0164																					
20	10	24		1300	07	7		87	63					0223																		Mid	FB		
20	10	46		1300	07	8		87	64					0224																		Lost			
20	32	23		1300	07	8		88	23					0312																		Mid			
20	47	02		1300	07	8		88	63					0367																		Lost			
20	47	25		1300	07	9		88	64					0370																		Mid			
21	03	13						89	27					0443																			Lost		
21	24	29						89	85					0535																			Mid SHOT	DB	
21	24	51		1300	08	0		89	86					0536																			LAST B		
21	43	33						90	37					0621																			FIRST A		
22	01	30		1300	08	0		90	88					0702																			Mid		
22	01	52		1300	08	1		90	87					0703																			LAST A		
22	02	00																																FIRST B	
22	18	00																																C/C TO 119° FROM 117°	
22	21	40		1300	08	1		91	41					0771																			C/C TO 121°		
22	38	31		1300	08	1		91	87					1049																			Mid SHOT		
22	38	53		1300	08	2		91	88					1050																			LAST B		
22	57	29		1300	08	2		92	36					1130																			FIRST A		
23	16	00		1300	08	2		92	89					1215																			Mid shot	ST	
23	16	22		1300	08	3		92	90					1216																			LAST shot		
23	32	30						93	34																									FIRST shot	
23	35	43						93	43					1303																				C/C TO 116°	DB
23	32	57		1300	08	3		93	90					1362																			Mid SHOT		
23	33	19		1300	08	4		93	91					1363																			LAST SHOT B		
														1414																				FIRST SHOT A	
																																		missed - bad spot on tape	

[illegible]

CRUISE				LINE		AREA-PROJECT												DATE																			
FM-13				TS-5		60 M - UT-26 Student Training Cruise												22 May 82																			
TIME				REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLD		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		OB INIT							
HR	MIN	SEC	C	10	11	12	13	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			
04	26	29		1	3	0	0	9	2	0	1	3	6	2	7	2	1							1020													
04	44	49		1	3	0	0	9	2	0	1	8	6	3	0	0	3																				
05	03	31		1	3	0	0	9	3	0	2	3	7	3	0	6	6																				
05	03	53		1	3	0	0	9	3	0	2	3	8	3	0	6	7																				
05	20	23		1	3	0	0	9	3	0	2	3	3	3	1	4	4																				
05	40	11		1	3	0	0	9	3	0	3	3	7	3	2	3	2																				
NEW LINE COMING UP																																					

CRUISE <u>FM-13</u>	LINE <u>TS-6</u>
START TIME <u>054033 Z</u> SHOT# <u>1</u> START LAT. <u>27°04'30"</u> START LONG. <u>94°17'00"</u>	END TIME <u>0</u> ENDING LAT. <u>27°33'31"</u> ENDING LONG. <u>94°14'55"</u>
SOURCE <u>2 BOLT AIRGUNS</u> SOURCE DEPTH	SOURCE CAPACITY <u>2 @ 300-350 PSI</u>
NO. OF TRACES <u>24</u> ( <u>2, 12-16 DEAD</u> ) NEAR TRACE <u>24</u>	GROUP INTERVAL FAR TRACE <u>70m</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <del>LOW</del> HIGH <u>ALIAS 62.5 Hz</u> <del>NOTCH</del>	GAIN MODE <u>IFP</u> SLOPE SLOPE SLOPE
DATA LENGTH MIN. MAX. SAMPLE RATE NOMINAL FOLD <u>12</u> <u>12</u> <u>4ms.</u>	
REMARKS <u>REP RATE 22SEC</u>  <u>ENDING THE DATA ACQUISITION WITH BEST SHIFT!</u>	



END OF DATA ACQUISITION!