

CRUISE	FM08-02	LINE	LS01
START TIME	0425 JUNE 7, 1981	END TIME	1132 JUN 8, 1981
START LAT	38° 08.99 N	ENDING LAT.	36° 49.34 N
START LONG.	71° 00.86 W	ENDING LONG.	68° 59.28 W
SOURCE	1000 IN ³ 1-2000 IN ³ AIRGUNS	SOURCE CAPACITY	3000 IN ³
SOURCE DEPTH	35 FT		
NO. OF TRACES	48	GROUP INTERVAL	70 M
NEAR TRACE	48	FAR TRACE	/
INSTRUMENT	DFS IV	GAIN MODE	1 F ^P
FILTERS	LOW OUT	SLOPE	—
	HIGH 62	SLOPE	72 db/octave
	NOTCH OUT	SLOPE	—
DATA LENGTH	MIN. 20 SEC MAX.	SAMPLE RATE	4 MSEC
NOMINAL FOLD	12		
REMARKS	CABLE @ 35 FT DEPTH	DAWSON FIRING ON 30 SEC MARKS	
		MOORE FIRING ON MINUTE MARKS	



CRUISE				LINE				AREA-PROJECT												DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TIME				REEL				SH. PT				NO.				STRMER				DEPTH				GAIN (db)				TRIP				REC.				FLU				REP.				WATER				REL FIRE				CONTINUITY				REMARKS				33																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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CRUISE FM 08-02		LINE LS 01	AREA-PROJECT FILE L7SE										DATE JUNE 7, 1981		
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	FLU	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	DB
						INIT RATE FINL	DEL.	LGTH		RATE	DEPTH (Fm)	TIMES	OR LEAKAGE		
01:17:46 1/2	082047		534	38	40	42	20	12	30						
01:17:48	082047		537												
01:17:48 1/2	082048		538	34	37	42	24	42							
01:18:20			664												
01:18:20 1/2			662	43	42	42	12	38							
01:18:52 1/2			725												
01:18:52 1/2			726	42	38	41	24	38							
01:19:24			789												
01:19:24 1/2	082051		790	43	38	42	14	37							
01:19:56			853												
01:19:56 1/2			854	40	38	42	22	42							
01:20:29 1/2	082052		917												
01:20:30	082053		918	40	40	40	25	43							
01:20:59 1/2	082053		981												
01:21:00	082054		982	44	43	42	30	42							
01:21:00 1/2	082054		0045												
01:21:32	082055		0046	36	34	42	24	42						Remember no record 000 on	
01:21:32 1/2	082055		0049											DFS. Goes from 999 to 001.	
01:22:05	082056		0010	39	35	40	29	43							
01:22:35	082056		0017												
01:22:35 1/2	082057		0017	37	36	40	23	42							
01:23:06 1/2	082057		235												
01:23:07	082058		236	32	39	42	29	44							
01:23:38 1/2	082058		299												
01:23:39	082059		300	25	28	40	25	45							

Remember no record 000 on
DFS. Goes from 999 to 001.

CRUISE		LINE		AREA-PROJECT		DATE																							
FM08-02		LSΦ1		LASE		June 7/8, 1981																							
TIME		REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		JOB	
1:00:10		0820519		362		1362		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE		In June 7, 81		362	
1:00:10 1/2		082060		363		1363		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE		Begins June 8, 81		363	
1:30:04 1/3		1610		D		4215		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:14 2/1		1611		D		4216		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/2		1611		D		41818		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/3		1612		D		41819		135130142124147		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/4		1612		D		151511		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/5		1613		D		151512		48143141125139		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/6		1614		D		16114		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/7		1614		D		16115		4213813823113		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/8		1614		D		16117		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/9		1615		D		16118		131130137125145		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/10		1615		D		17410		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/11		1616		D		17411		42130135115137		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/12		1616		D		18013		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/13		1617		D		18014		4413840123141		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE		Missed shots at 0351 to 0354 1/2. Note 1st 2 files of tape 67 are labeled 66			
1:31:11 2/14		1617		D		18617		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/15		1618		D		18618		45134138123138		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/16		1618		D		19131		110 min		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/17		1619		D		19132		14513513712136		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/18		1619		D		19135		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/19		1710		D		19136		143140141122142		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/20		1710		D		1519		123456		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					
1:31:11 2/21		1711		D		1610		144137139121140		INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE		1 SHOT MISSING (0613-0614)			
1:31:11 2/22		1711		D						INIT RATE FINL		DEL.		LGTH		FLU		RATE		DPTH		TIMES		OR LEAKAGE					

MISSSED 20 SHOTS!!
TAPE DRIVE PROBLEM

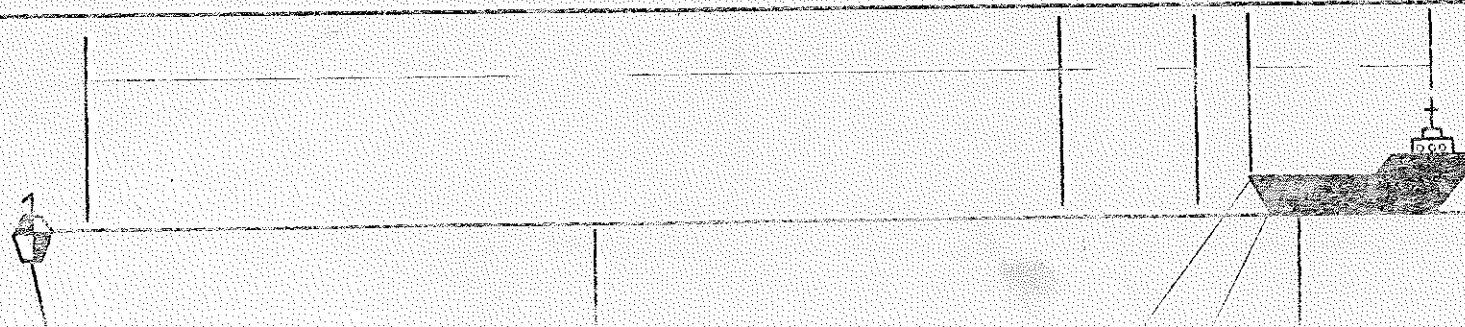
FROM 0449 - 0510

1 SHOT MISSING (0613-0614)

LAST SHOT Line L'S-01.

ALL DEMUXED 11/2/81

CRUISE FM08-02	LINE LS02
START TIME 01:08:30 JUN 9, 1981 START LAT. 36° 52.89' N START LONG. 68° 59.79' W	END TIME 2053 6/9/81 ENDING LAT. 35° 41.26' N ENDING LONG. 70 07.20' W
SOURCE 1-1000 IN ³ 1-2000 IN ³ AIRGUNS SOURCE DEPTH 35 FT	SOURCE CAPACITY 3000 IN ³
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 FAR TRACE 1
INSTRUMENT DFSTV FILTERS: LOW OUT HIGH 62 HZ NOTCH OUT	GAIN MODE IFP SLOPE — SLOPE 72 DB/OCTAVE SLOPE —
DATA LENGTH MIN. 20 SEC MAX. NOMINAL FOLD 12	SAMPLE RATE 4 M SEC
REMARKS CABLE @ 35 FT DEPTH	DAWSON FIRING ON 30 SEC MARKS MOORE FIRING ON MINUTE MARKS



[illegible]

[illegible]

CRUISE			LINE		AREA-PROJECT										DATE															
FM08-02			L502		LASE										JUN 9, 1991															
TIME			REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES		CONTINUITY OR LEAKAGE		REMARKS		DB	
12:57			0821106		D		1406		13401402438																					
13:28			0821106				468																							
13:28 1/2			0821107		D		469		44404022440																					
13:39 1/2			0821107				531																							
14:01			0821108		D		532		42414025440																					
14:30			0821108				574																							
14:31 1/2			0821109		D		575		45404024440																					
15:02			0821109				656																							
15:21 1/2			0821110		D		657		4440402438																					
15:33 1/2			0821110				719																							
15:35			0821111		D		720		43404025442																					
16:06			11111				782																							
16:06 1/2			11112		D		783		2844393512442																					
16:37 1/2			11112				845																							
16:38			11113		D		846		42423923440																					
17:09			11113				908																							
17:09 1/2			11114		D		909		42404024440																					
17:40 1/2			11114				971																							
17:41			11115		D		972		44374024440																					
18:12			11115				135																							
18:12 1/2			11116		D		136		42383924442																					
18:44			11116				138		45384125442																					
18:44 1/2			11117		D		139																							
19:15			11117				161																							
19:21			11118				162																							

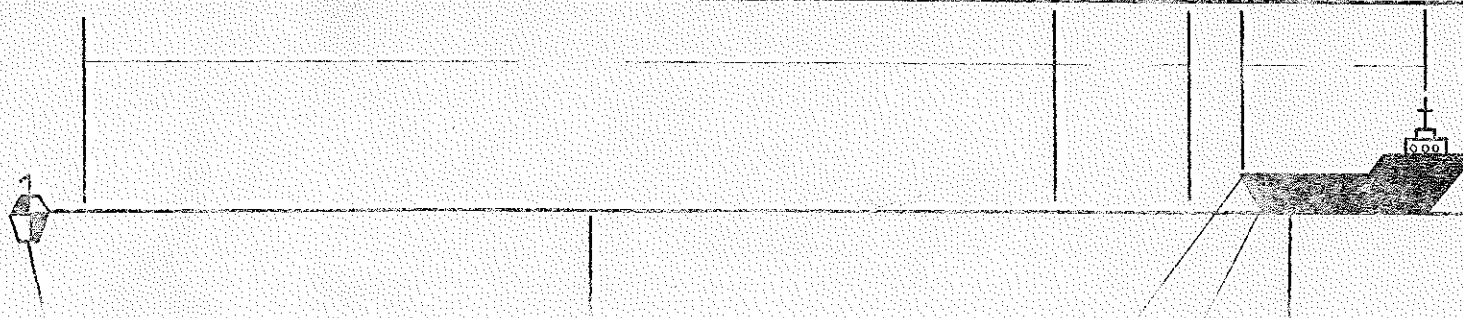
MISSED 2 SHOTS

DATE _____

JUNE 9, 1981

[illegible]

CRUISE	FM08-02	LINE	LS03-A
START TIME	22:32 ^{GMT} , June 9, 81	END TIME	11:04 ^{GMT} , June 10, 81
START LAT.	35° 44' 18" N	ENDING LAT.	36° 16' 85" N
START LONG.	70° 13' 67" W	ENDING LONG.	71° 06' 03" W
SOURCE 1-1000 IN ³ 1-2000 IN ³ AIRGUN	SOURCE CAPACITY 3000 IN ³		
SOURCE DEPTH			
NO. OF TRACES 48	GROUP INTERVAL 70		
NEAR TRACE 48	FAR TRACE 1		
INSTRUMENT DFG IV	GAIN MODE IEP		
FILTERS: LOW OUT	SLOPE —		
HIGH 62 HZ	SLOPE 72 DB/OCTAVE		
NOTCH OUT	SLOPE —		
DATA LENGTH MIN. 20 SEC MAX.	SAMPLE RATE 4 MSEC		
NOMINAL FOLD 12			
REMARKS	CABLE @ 35 FT DEPTH DAWSON FIRING ON 30 SEC MARKS MOORE FIRING ON MINUTE MARKS		

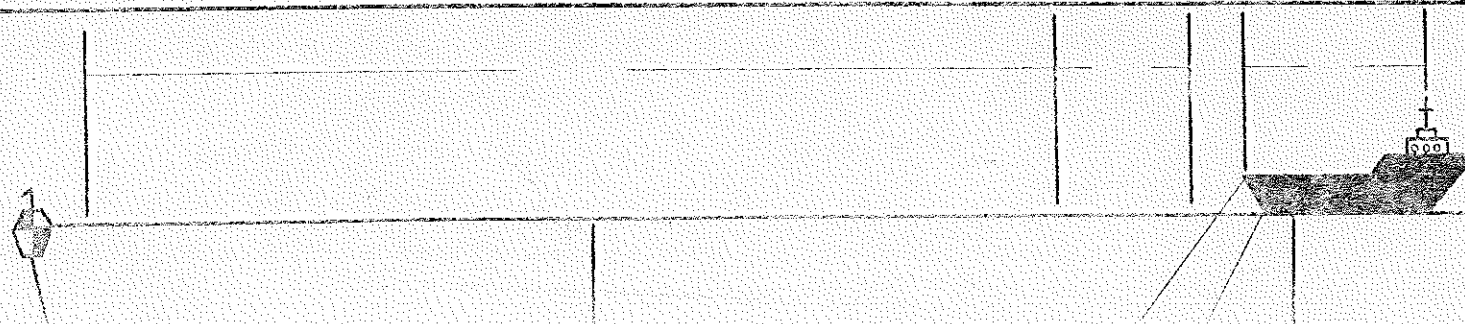


CRUISE FM08-02				LINE LS #3		AREA-PROJECT LASE										DATE June 9, 81													
TIME		REEL		SH. PT		RECORD NO.		STRMER DEPTH		GAIN (db)		TRIP		REC.		FLU		REP.		WATER		REL FIRE		CONTINUITY		REMARKS		DB	
1 2 3 4		5 6 7 8		9 10 11 12		13 14 15 16		17 18 19 20		21 22 23 24		25 26 27 28		29 30 31 32		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	
01:22:32		082022		11				182931239																		START LINE LS-#3			
01:23:03		082022		163																						CABLE ON SURFACE AFTER			
01:23:05		082023		165				1820350035																		three shots lost TURN			
01:23:36		082023		127																									
01:23:36 1/2		082024		128				1818362040																					
01:00:02 1/2		082024		1190																									
01:00:06		082025		1191				2024423039																					
01:00:39		082025		253																						discovered that tape id			
01:00:39 1/2		082026		2514				2234422332																		on DFS says 125 instead			
01:01:10 1/2		082026		3176																						of 025, etc			
01:01:17		082027		3177				2310101424																					
01:01:42		082027		3179																						lousy data - bad weather			
01:01:46 1/2		082028		3180																						Cable on the surface still			
01:02:17 1/2		082028		4415																						missed a bunch of shots			
01:02:18		082029		4416				248101030																					
01:02:48		082029		508																									
01:02:48 1/2		082030		509				238101027																					
01:03:21 1/2		082031		571																									
01:03:21 1/2		082031		572				238101028																		tape id wrong on 1st			
01:03:52		082031		634																						2 records			
01:03:52 1/2		082032		635				228101024																					
01:04:12 3 1/2		082032		161917																									
01:04:12 4 1/2		082032		161918				2211101232																					
01:04:15 5 1/2		082033		17110																									
01:04:23 1/2		082033		17110																									

CRUISE FM 08-02				LINE LS - 03		AREA-PROJECT L7SE												DATE June 10, 81																	
FILE																																			
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		DB			
1 2 3 4 5 6				1 2 3 4 5 6				1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6		1 2 3 4 5 6			
01 04 56				08 21 13 4				D		761		22 9 7 5 29				0		20				30													
01 05 27				21 13 4						823																									
03 05 27 1/2				21 13 5				D		824		27 9 2 13 30																							
04 05 59				21 13 9						886																									
06 05 59 1/2				21 13 6				D		887		20 8 1 1 23																				1 SHOT LOST			
06 06 13 10 1/2				21 13 6						949																									
07 06 13 11				21 13 7				D		950		22 8 1 1 24																							
07 07 02 1				21 13 7						113																								Dawson is not shooting	
07 07 02 1/2				21 13 8				D		114		22 8 1 1 22																				Shut down 1000 Gun			
07 07 31 31				21 13 8						75																						DAWSON IS SHOOTING AGAIN			
07 07 33 3 1/2				21 13 9				D		76		22 7 1 1 21																				THE 2000 mi gun fires 0.8 sec earlier			
08 08 04 11 1/2				21 13 9						1138																									
08 08 05 1				21 14 0				D		1139		22 10 1 1 25																							
08 08 36 1				21 14 0						201																									
08 08 36 1 1/2				21 14 1				D		202		20 9 1 5 30																							
09 09 07 1 1/2				21 14 1						264		20 9 10 11 39																							
09 09 08 1				21 14 2				D		265																								cable getting better slightly	
09 09 39 1				21 14 2						327																									
09 09 39 1 1/2				21 14 3				D		328		22 10 1 1 28																							
09 10 01 10 1/2				21 14 3						390																									
09 10 01 11 1				21 14 4				D		391		24 10 1 15 58																							
09 10 04 2				21 14 4						453																									
09 10 04 2 1/2				21 14 5				D		454		25 01 1 13 55																							
09 10 05 1 1/2				21 14 5						500																									
09 10 21 21 1				21 14 5						500																								ALL GUNS DOWN	
																																STEAMER pull in to start			

ALL DEMUXED 9/21/81

CRUISE FMO802	LINE LS 04
START TIME 08:50 hrs. GMT, June 11, 81 START LAT 37° 09.03' START LONG. -71° 22.56'	END TIME 0159 1/2 Z JUNE 13, 1981 ENDING LAT 38° 55.52 N ENDING LONG. 74° 12.30 W
SOURCE Bolt 2000 psi AIRGUNS SOURCE DEPTH 35'	SOURCE CAPACITY 2000 in ³ 1000 in ³ @ 2000 psi
NO OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT FILTERS LOW OUT HIGH 62 Hz. NOTCH OUT	GAIN MODE IFP SLOPE — SLOPE 72 DB/OCT SLOPE —
DATA LENGTH MIN. 12 MAX. NOMINAL FOLD	SAMPLE RATE 4 MSEC
REMARKS	



[illegible]

CRUISE FM08-02		LINE LS04		AREA-PROJECT LASE										DATE JUNE 11 '81	
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)	TRIP	REC.	FLD	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	DB
						INITI RATE FINL	DEL.	LGTH		RATE	DEPTH (Fm)	TIMES	OR LEAKAGE		
11:15:12 1/2	08211518	17161	D		421381333548										
11:15:43	1211518	181212	D												
11:15:43 1/2	211517	181213	D		421361333549									Sync. error	
11:16:14 1/2	1211519	181815	D												
11:16:15	1211610	181816	D		142134133132148										
11:16:46	1211610	191418	D											1628 DAWSON WITHOUT 2700 in ³	
11:16:46 1/2	1211611	191419	D		142136134135148										
11:17:17	111611	11111	D												
11:17:17 1/2	111612	11112	D		140136133134152										
11:17:48 1/2	111612	1714	D											Number off 1 Line 2001	
1749	111613	1715	D		141132133133149										
11:18:20	111613	111317	D												
11:18:21	111614	111318	D		141137132133148									1 SHOT MISSED	
11:18:52	111614	121010	D												
11:18:52 1/2	111615	21011	D		141136133132146										
11:19:23 1/2	111615	21613	D												
11:19:24	18211616	21614	D		141134134136153										
11:19:55	111616	131216	D		138137134133149										
11:19:55 1/2	111617	131217	D		139137134133149										
11:20:26 1/2	18211617	131819	D												
11:20:27	18211618	131910	D		140136134134150										
11:20:57	18211618	141512	D												
11:20:59 1/2	18211619	141513	D		140135134135150										
11:21:30 1/2	18211619	151115	D											missed 2/3 shots	
11:21:31	151115													DAWSON lost power NO SHOTS / at 21:20 Starting	

CRUISE				LINE		AREA-PROJECT														DATE	
FM08-02				LS04		LASE														JUNE 11-12	
TIME		REEL	SH. PT	RECORD NO.		STRMER		DEPTH	GAIN (db)		TRIP	REC.	FLD	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	CS		
1	2	3	4	5	6	7	8	9	INIT	RATE	FINL	DEL.	LGTH	RATE	DEPTH (Fm)	TIMES	OR LEAKAGE				
01	21	31	6	8	4	1	7	0	15	1	1	6									
01	22	02		8	4	1	7	0	15	7	0										
01	32	20	1/2	8	4	1	7	1	15	7	9										
01	32	23	3 1/2	8	4	1	7	1	16	4	1										
01	32	23	4	8	4	1	7	2	16	4	2										
01	32	30	5	8	4	1	7	2	17	0	4										
01	32	30	5 1/2	8	4	1	7	3	17	0	5										
01	32	33	6 1/2	8	4	1	7	3	17	6	7										
01	32	33	7	8	4	1	7	4	17	6	8										
01	01	01	8	18	2	1	7	4	18	3	0										
00	08	1/2		18	2	1	7	5	18	3	1										
00	31	9 1/2		18	2	1	7	5	18	9	3										
01	00	24	01	18	2	1	7	6	18	9	4										
01	01	11	1	18	2	1	7	6	19	5	5										
01	01	11	1/2	18	2	1	7	7	19	5	6										
01	01	14	2 1/2	18	2	1	7	7	0	1	9										
01	01	14	3	18	2	1	7	8	0	2	0										
01	02	11	4	18	2	1	7	8	0	1	8	2									
01	02	14	1/2	18	2	1	7	9	0	1	8	3									
01	02	46		18	2	1	7	9	1	4	6										
01	02	46	1/2	18	2	1	8	0	1	4	7										
01	03	17	1/2	18	4	1	8	0	12	0	4										
01	03	31	8	18	2	1	8	1	12	1	0										
01	04																				
01	04	23	2																		
cimped out / has a few shorts																					

[illegible]

CRUISE		LINE		AREA-PROJECT		DATE								
FM08-02		LS04		LASE		6-12-81								
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	DB
011546	0182266	16712	D	3535353855										
0116117	12016	17314	D											
0116117 1/2	12017	17315	D	3634343657										
011642 1/2	12017	17917	D											
0116491	12018	17918	D	12335363857										
011712101	12018	181610	D											
0117201 1/2	12019	181611	D	123354034456										
0117521	12019	191213	D											
0117531	12110	191215	D	136353436154										
01182141	12110	191817	D										2 SHOTS MISSED	
011824 1/2	12111	191818	D	13635343756										
0118515 1/2	12111	11511	D											
0118561	12112	11512	D	136353335152										
0119217	12112	11114	D											
0119217 1/2	12113	11115	D	13435343858										
01195181	12113	11717	D											
01200101	12114	11719	D	137353436153										
0120219	01822114	12211	D										3 SHOTS MISSED	
0120219 1/2	01822115	12310	D	136353535155										
0120516 1/2	01822115	12912	D											
0120517	01822116	12913	D	136353535152										
0121128	01822116	13515	D											
012120 1/2	01822117	13516	D	233735353501										
0122400	01822117	14119	D											
01224214	1412131	141213	D											

163° F&R 12 TRACES becomes noisy

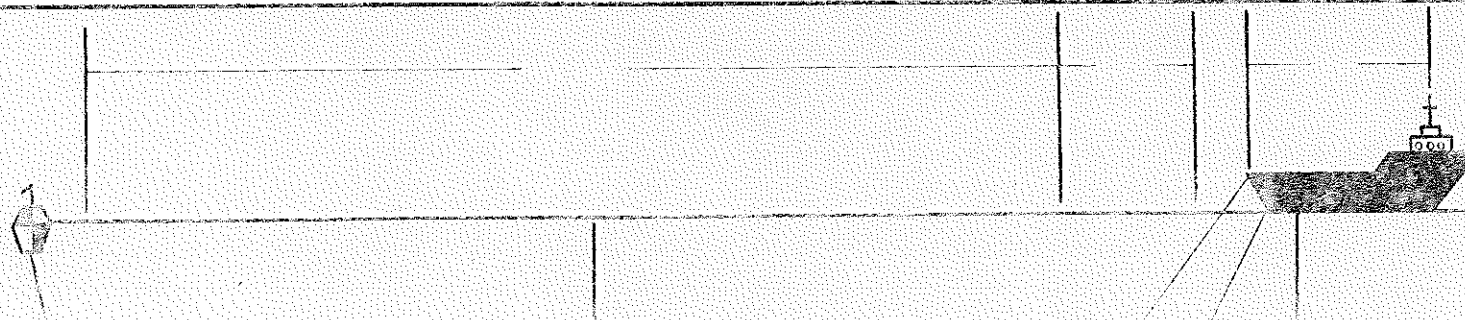
2 SHOTS MISSED

3 SHOTS MISSED

Tape #1082 214 might be bad; was showing parity error.

[illegible]

CRUISE FM06-02	LINE LS05
START TIME 0200 START LAT. 38° 55.66 N START LONG. 74° 12.39 W	END TIME 0715 ENDING LAT. 39° 15.29 N ENDING LONG. 73° 55.52 W
SOURCE 1-1000 & 1-2000 AIRGUN SOURCE DEPTH 381	SOURCE CAPACITY 3000 IN ³
NO. OF TRACES 48 NEAR TRACE 1	GROUP INTERVAL 70 M FAR TRACE 1
INSTRUMENT DES IV FILTERS: LOW out HIGH 62 NOTCH out	GAIN MODE IFP SLOPE — SLOPE 72 DB/OCT SLOPE —
DATA LENGTH MIN. 12 MAX. NOMINAL FOLD	SAMPLE RATE 4 MSEC
REMARKS	



CRUISE		LINE		AREA-PROJECT										DATE			
FM 08-02		LS05-06		LASE										June 13 1981			
TIME	REEL	SH. PT	RECORD NO.	STRMER		DEPTH	GAIN (db)		TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	CS
				1	2		3	4									
01:02:00	082226	895	D			31	35	34	36	48						START LINE LS05	
01:02:31	082226	951	D														
01:02:31 1/2	082227	958	D			35	29	34	35	48							
01:03:02 1/2	082227	1021	D														
01:03:03	082228	1022	D			32	33	35	21	37	0						
01:03:31	082228	182	D														
01:03:33 1/2	082229	183	D			32	33	39	54	68							
01:04:04 1/2	082229		D	1	4	4											
01:04:04 1/2	082230		D	1	4	5	35	35	35	40	55						
01:04:35 1/2	1812230		D	2	0	7											
0436	1812231		D	2	0	8	39	37	33	33	47						
01:05:07	1812231		D	2	7	0											
01:05:07 1/2	1812232		D	2	7	1	38	37	34	34	52						
01:05:38 1/2	1812232		D	3	3	3											
01:05:39	1812233		D	3	3	4	34	34	33	36	52						
01:06:07	1812233		D	3	9	0										DRIVE A IS OFFLINE	
01:06:13	1812234		D	3	9	1	33	34	34	39	54					SEVERAL SHOTS MISSED	
01:06:44	1812234		D	4	5	3											
01:06:44 1/2	1812235		D	4	5	4	33	34	36	42	55						
01:07:15 1/2	1812235		D	5	1	6										END LINE LS-05.	
01:07:16	1812236		D	5	1	7	32	28	34	36	45						
01:07:47	1812236		D	5	7	9										START LINE LS06	
01:07:47 1/2	1812237			5	8	0	35	35	34	34	46						
01:08:18 1/2	1812237			6	4	2											
01:08:21	1812238																

these tapes in next line LS-06.

CRUISE FMO8-02 LASE	LINE LS-06.
START TIME 07:45 GMT, June 13, 81 START LAT. 39° 14.54 N START LONG. 73° 52.53 W (164)	END TIME 1915 JUN 14, 1981 ENDING LAT. 37° 55.97 N ENDING LONG. 70° 42.20 W (165)
SOURCE 1-1000 & 1-2000 AIR GUNS SOURCE DEPTH 35 feet	SOURCE CAPACITY 3000 IN ³
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m. FAR TRACE 1
INSTRUMENT DFS IV FILTERS: LOW OUT HIGH 62 NOTCH OUT	GAIN MODE IFP SLOPE - SLOPE 72 DB/OCT SLOPE -
DATA LENGTH MIN. 20 SEC MAX. NOMINAL FOLD 12 FOLD	SAMPLE RATE 4 msec.
REMARKS DAWSON SHOTS ON 30 SEC MARKS MOORE SHOTS ON MINUTE MARKS	

J 31

F 28

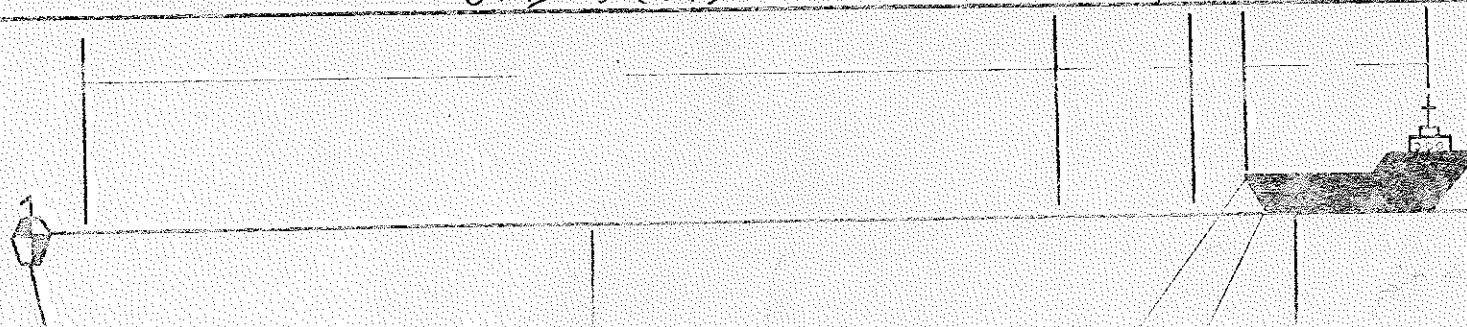
M 31

A 30

M 31

151

JUNE 1-152



CRUISE		LINE		AREA-PROJECT		DATE									
FM-08-02		LS-φ6		LASE		June 13, 81									
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH	GAIN (db)	TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	33	
01:07:47 1/2	082237	D	580	35/35 34/34 46									START LINE LS-φ6.		
01:08:18 1/2	237	D	642										@ 07:45 GMT		
01:08:41 1/2	238	D	643	37/35 35/35 32											
01:08:47 1/2	238	D	700												
01:08:48 1/2	239	D	701	35/35 35/35 60											
01:09:19 1/2	239	D	763												
01:09:19 1/2	240	D	764	36/37 35/37 54											
01:09:50 1/2	240	D	826												
01:09:51 1/2	241	D	827	39/35 35/36 55											
01:10:22 1/2	241	D	889												
01:10:22 1/2	242	D	890	40/37 37/35 48											
01:10:53 1/2	242	D	952												
01:10:54 1/2	243	D	953	38/35 35/35 49											
01:11:25 1/2	243	D	1016												
01:11:25 1/2	244	D	117	40/37 37/35 50											
01:11:56 1/2	244	D	179												
01:11:57 1/2	245	D	180	37/37 35/35 60											
01:12:38 1/2	245	D	1142												
01:12:38 1/2	246	D	1143	37/36 35/35 51											
01:12:59 1/2	246	D	1205										chng line # to LSφ6 - was off		
01:13:00 1/2	247	D	1206	38/36 35/35 50											
01:13:31 1/2	247	D	1268												
01:13:31 1/2	248	D	1269	46/36 35/35 48											
01:14:03 1/2	248	D	333										missed shot		

DPS

LINE #
LEFT
ON 5

1 Shot is miss.

CRUISE FM 08-02				LINE LS-φ6		AREA-PROJECT LASE										DATE June 13, 1981	
TIME		REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP	REC.	FLU	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	DB
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
01	20	25	1/2	8242611	210913	D											
02	20	56	1/2	2611	11515	D											
03	20	57		2612	11516	D											
04	21	28		2612	12110	D											
05	21	28	1/2	2613	12119	D											
06	21	15	9 1/2	2613	121811	D											
07	22	20	01	2614	2182	D											
08	22	31		2614	31414	D											
09	22	31	1/2	2615	31415	D											
10	23	02	1/2	2615	4107	D											
11	23	03		2616	4108	D											
12	23	34		2616	4170	D											
13	23	34	1/2	2617	4171	D											
14	00	05	1/2	2617	5133	D											
15	00	06		2618	5134	D											
16	00	07		2618	5196	D											
17	00	37	1/2	2619	5197	D											
18	01	08	1/2	2619	6159	D											
19	01	09		2170	660	D											
20	01	40		2170	7122	D											
21	01	40	1/2	2171	7123	D											
22	02	12		2171	7186	D											
23	02	12	1/2	2172	7187	D											
24	04	44		2172	8150	D											

JUNE 14 '81 GMT

 first 8 recs bad party errors

CRUISE		LINE	AREA-PROJECT										DATE			
FM08-02		L506	LASE										6-14-81			
TIME	REEL	SH. PT	RECORD NO.	STRMER	DEPTH	GAIN (db)		TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	DB
						INIT	RATE/FINL									
0244 1/2	082273	D	851	1038	343546											
03116	082273	D	914													
03116	082274	D	915	3736	3513652											
0347 1/2	082274	D	917													
0348	082275	D	918	39137	3513552											
0411 1/4		D	3041													
0411 1/2	082276	D	42	3837	34136152											
0415 0 1/2		D	1104													
0415 11	182277	D	1105	4037	34134148											
0452 21		D	1167													
0522 1/2	182278	D	1168	3836	33134147											
0553 1/2		D	1230													
0554 1	182279	D	1231	3938	33133146											
0622 51		D	1293													
0625 1/2	182280	D	1294	3934	34134146											
0656 1/2		D	1356													
0657 1	182281	D	1357	3936	33134146											
0728		D	419													
0728 1/2	182282	D	420	4037	32133143											
0759 1/2		D	482													
0800	182283	D	483	4235	33134143											
0831		D	545													
0831 1/2		D	546	4037	36135150											
0902 1/2		D	608													
1123 1/2																

FILE 420-430 PARITY ERRORS

CRUISE <u>FM08-02</u>				LINE <u>LSP6</u>				AREA-PROJECT <u>LASE</u>				DATE <u>6.14.81</u>																																
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																								
0	1	15	24	0	8	2	2	9	7	D						3	6	7	3	6	3	5	3	4	4	7																		
0	2	15	55					9	7	D						4	2	7																										
0	3	15	55 1/2	8	2	2	9	8		D						4	3	0	4	0	3	2	3	4	3	4	7																	
0	4	1	6 2 6 1/2					9	8	D						4	9	2																										
0	5	1	6 2 7	8	2	2	9	9		D						4	9	3	3	6	3	3	5	3	4	4	9																	
0	6	1	6 5 8					9	9	D						5	5	5																										
0	7	1	6 5 8 1/2	8	2	3	0	0		D						5	5	6	4	0	3	6	3	5	3	3	5	0																
0	8	1	7 2 9 1/2					3	0	0	D						6	1	8																									
0	9	1	7 3 0					3	0	1	D						6	1	9	3	2	3	8	3	5	3	4	5	1															
0	10	1	8 0 1					3	0	1	D						6	8	1																									
0	11	1	8 0 1 1/2					3	0	2	D						6	8	2	4	0	3	8	3	6	3	4	5	0															
0	12	1	8 3 2 1/2					3	0	2	D						7	4	4																									
0	13	1	8 3 3					3	0	3	D						7	4	5	4	2	3	3	5	3	4	5	1																
0	14	1	9 0 4					3	0	3	D						8	0	7																									
0	15	1	9 0 4 1/2					3	0	4	D						8	0	8	4	1	3	7	3	4	3	4	5	0															
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LAST SHOT OF LS-06

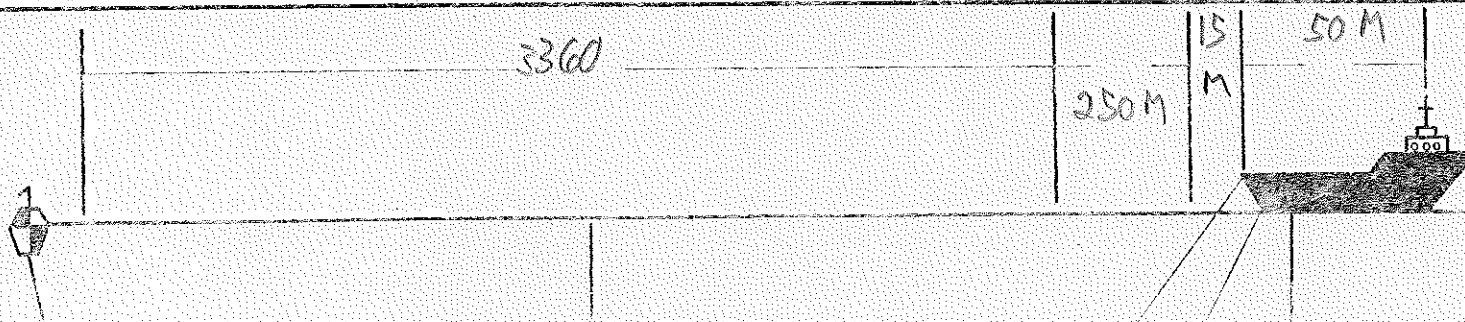
CRUISE FM08-02					LINE LS-07					AREA-PROJECT LASE					DATE June 14, 81																																																											
TIME					REEL					SH. PT					RECORD NO.					STRMER DEPTH					GAIN (db)					TRIP DEL.					REC. LGTH					FLD					REP. RATE					WATER DPTH (Fm)					REL FIRE TIMES					CONTINUITY OR LEAKAGE					REMARKS					OB INIT				
0	1	2	13	0 1/2	0	2	3	0	5	1	2	3	4	1	2	3	4	5	6	1	2	3	4	5	6	INIT	RATE	FINL	TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	CALIBRATION					OB INIT																																	
0	2	22	02	1/2	8	2	3	0	5	6	1																									↓																																						
0	3	22	03		8	2	3	0	6	6	2									40	37	35	34	49																																																		
0	4	22	33	1/2	8	2	3	0	6	1	2	3																																																														
0	5	22	34		8	2	3	0	7	1	2	4								37	37	35	35	47																																																		
0	6	23	04	1/2	8	2	3	0	7	1	8	4																																																														
0	7	23	05		8	2	3	0	8	1	8	5								30	35	35	35	47																																																		
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0	9	23	36		8	2	3	0	9	1	2	4	7							30	36	35	35	46																																																		
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0	14	01	10	1/2	8	2	3	1	1	4	3	2																																																														
0	15	01	10	1/2	8	2	3	1	2	4	3	3								27	33	33	34	45																																																		
0	16	01	39		3	1	2			4	9	3																																																														
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0	19	02	11		3	1	4																																																																			

ALL DEMUXED 10/2/81

UT-MSI GEOPHYSICS LABORATORY

PAGE 1 OF 5

CRUISE <u>FM 08-2</u>	LINE <u>LS-08</u>
START TIME <u>0244</u> START LAT. <u>38 15.16 N</u> START LONG. <u>71 12.18 W</u>	END TIME <u>167 03:04:03</u> ENDING LAT. <u>39 30.32 N</u> ENDING LONG. <u>73 15.55 W</u>
SOURCE <u>AIR guns 2000psi 2000 CI 1000 CI</u> SOURCE DEPTH	SOURCE CAPACITY <u>3000</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70m</u> FAR TRACE <u>#1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: LOW <u>OUT</u> HIGH <u>72 Db/octave - 62 Hz</u> NOTCH <u>—</u>	GAIN MODE <u>IFP</u> SLOPE <u>—</u> SLOPE <u>72 Db/octave</u> SLOPE <u>—</u>
DATA LENGTH MIN. <u>20 sec</u> MAX. NOMINAL FOLD <u>12</u>	SAMPLE RATE <u>4ms</u>
REMARKS	



CRUISE			LINE		AREA-PROJECT										DATE					
FM 08-02			LS-08		LASE										June 15, 81					
TIME		REEL	SH. PT	RECORD NO.	STRMER DEPTH		GAIN (db)		TRIP	REC.	FLU	REP.	WATER	REL FIRE	CONTINUITY	REMARKS	DB			
					1	2	3	4	5	6	INIT	RATE	FINL	DEL.	LGTH			RATE	DEPTH (Fm)	TIMES
02:42 1/2		182315	D 1	620	38	33	32	34	43											
03:13		182315	D 1	681																
03:31 3/4		182316	D 1	682	25	25	34	34	43											
03:41 1/2		182316	D 1	744																
03:45		182317	D 1	745	36	35	34	34	49											
04:11 5 1/2			D 1	806																
04:16			D 1	807	30	33	32	33	46											
04:44 7/8			D 1	869																
04:47 1/2			D 1	870	24	24	33	33	52											
05:10 1/2			D 1	932																
5:19			D 1	933	35	33	34	35	47											
05:50 1			D 1	995																
05:50 1/2			D 1	996																
05:510 1/2			D 1	996	37	35	34	32	48											
06:21 1/2			D 1	59																
06:22			D 1	60	35	33	34	34	48											
06:53 1			D 1	1122																
06:53 1/2			D 1	1123	36	35	33	34	47											
07:24			D 1	1184																
07:24 1/2			D 1	1185	39	37	33	33	45											
07:56			D 1	1247																
07:58			D 1	1249	35	35	33	32	47											
08:28 1/2			D 1	3110																
08:29			D 1	3111	35	35	34	35	48											
09:00			D 1	373																
09:23 1/2			D 1																	

4 SHOTS ARE MISSED

CRUISE FM08-02				LINE LS-08				AREA-PROJECT LASE												DATE June 15, 81										
TIME				REEL				SH. PT		RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB INIT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22									
01	09	00	1/2	82	327	D				374				35	33	35	35	48												
01	09	31	1/2		327	D				436																				
01	09	32			328	D				437				35	36	34	35	50												
01	10	03			328	D				499																				
01	10	03	1/2		329	D				500				35	36	34	35	48												
01	10	35			329	D				561																				
01	10	37	1/2		330	D				565				36	36	34	34	45												missed 3 shots
01	11	08	1/2		330	D				627																				
01	11	09			331	D				628				34	35	36	35	47												
01	11	40			331	D				690																				
01	11	40	1/2		332	D				691				36	34	35	35	46												
01	12	11	1/2		332	D				753																				
01	12	12			333	D				754				36	36	38	33	46												
01	12	43			333	D				816																				
01	12	43	1/2		334	D				817				35	36	37	35	45												
01	13	14	1/2		334	D				879																				
01	13	15			335	D				880				36	35	37	34	45												
01	13	46			335	D				942																				
01	13	46	1/2		336	D				943				37	36	38	34	45												
01	14	09	1/2		336	D				985																				
01	14	12			337	D				986				36	36	37	32	44												drive 1 messed up start new tape
01	14	42			337	D				049																				
01	14	43	1/2		338	D				050				37	35	37	34	45												
01	14	54			338	D				055																				BOMBED AT ABOUT 54

DATE _____

6/15/81

[illegible]

CRUISE					LINE					AREA-PROJECT										DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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June 16 '81

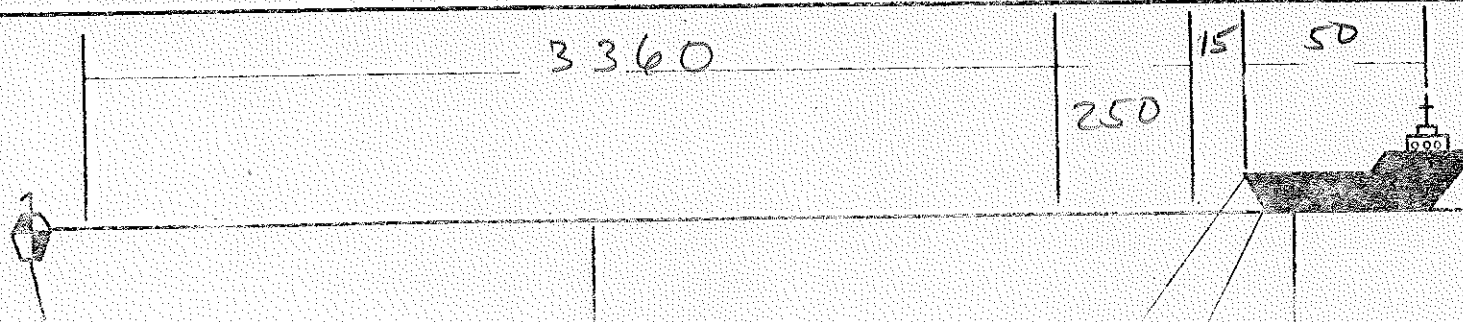
slowdown to avoid
 power
 END L508
 START L509

ALL DEMUXED 10/5/81

UT-MSI GEOPHYSICS LABORATORY

PAGE 1 OF 3

CRUISE FM 08-02		LINE LS09	
START TIME 0304.12 (167)		END TIME 09:32 (167)	
START LAT. 39 30.33		ENDING LAT. 39° 06.26 N	
START LONG. 73.15.59		ENDING LONG. 73° 41.68 W	
SOURCE AIR GUNS		SOURCE CAPACITY 3000	
SOURCE DEPTH			
NO. OF TRACES 48		GROUP INTERVAL 70 m	
NEAR TRACE 48		FAR TRACE #1	
INSTRUMENT DFS IV		GAIN MODE IFD	
FILTERS: LOW out		SLOPE	
HIGH 62 Hz		SLOPE 72 db/octave	
NOTCH		SLOPE	
DATA LENGTH MIN. 20 sec MAX.		SAMPLE RATE 4 m/s	
NOMINAL FOLD 12			
REMARKS			



CRUISE				LINE				AREA-PROJECT				DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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LOST DATA 18 SHOTS
LOST DATA

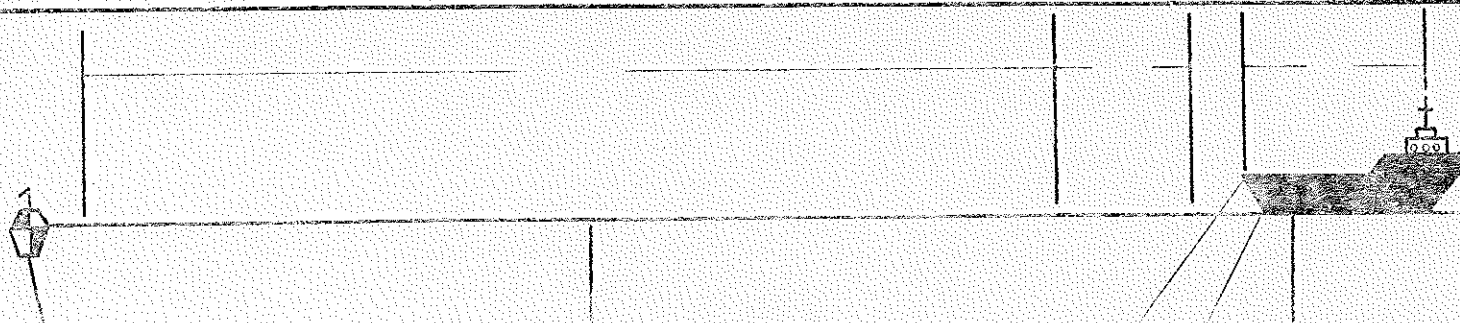
1 MISSED SHOT

12 MISSED SHOTS
(TAPE DRIVE A FAULT)

0622: DAWSON REDUCING PRESSURE
ON 2000 LBS TO 1500 PSI

[illegible]

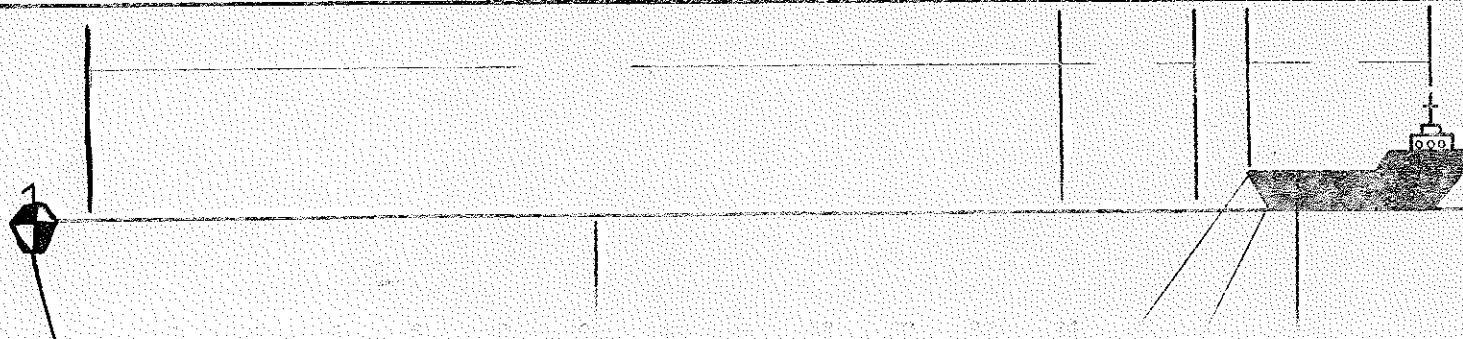
CRUISE <u>FM 08-02</u>	LINE <u>LS 10</u> ^{2 SHIP PART OK} <u>ESP 1</u>
START TIME <u>15:30</u> (167) START LAT. <u>39 07.91 N</u> START LONG. <u>73 40.14 W</u>	END TIME (167) <u>19:55.5</u> ENDING LAT. <u>38° 51.68 N</u> ENDING LONG. <u>73° 58.61 W</u>
SOURCE <u>NO SOURCE (LISTEN ONLY)</u> SOURCE DEPTH <u>33'</u>	SOURCE CAPACITY <u>2500</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70m</u> FAR TRACE <u>1</u>
INSTRUMENT FILTERS: LOW <u>OUT</u> HIGH <u>62</u> NOTCH <u>—</u>	GAIN MODE <u>-1 FP</u> SLOPE <u>—</u> SLOPE <u>72</u> SLOPE <u>—</u>
DATA LENGTH MIN. <u>39 sec</u> MAX. NOMINAL FOLD	SAMPLE RATE <u>4 MSEC</u>
REMARKS	



CRUISE FM08-02				LINE LS10				AREA-PROJECT LASE				DATE JUNE 16, 1981																																			
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.		REC. LGTH		FLU		REP. RATE		WATER DPTH (Fm)		REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT	
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		FLU		RATE		DPTH (Fm)		TIMES													
01 1527 1/2				08 23 7 6								001																																			
02				37 6				003																																							
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07 1634 1/2				37 8				67				38 37 38 33 44																																			
08 1706 1/2				37 8				99																																							
09 1707 1/2				37 9				100				36 36 37 34 52																																			
10 1733 1/2				37 9				132																																							
11 1740 1/2				37 10				133				36 36 38 35 52																																			
12 1811 2 1/2				38 10				1165																																							
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16 1921 1/2				38 2				231																																							
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18 1951 1/2				38 3				263																																							
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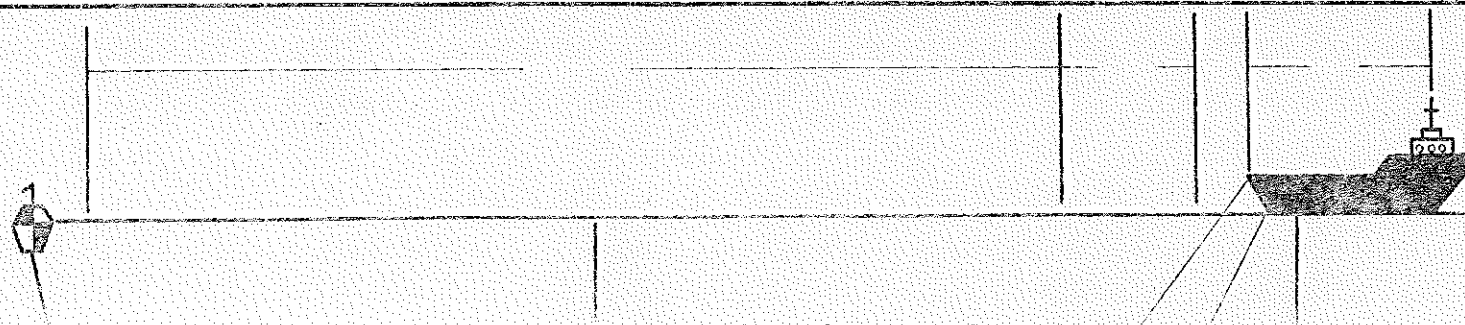
END LINE LS-10, ESP1.
@ 19:55 (167)

CRUISE FM 08-02	LINE LS-11
START TIME (167) 20:43 START LAT. $38^{\circ} 51.02' N$ START LONG. $73^{\circ} 54.72' W$	END TIME (168) 05:00 ENDING LAT. $39^{\circ} 02.64' N$ ENDING LONG. $73^{\circ} 18.01' W$
SOURCE THREE AIR GUNS, each @ 200 psi SOURCE DEPTH $\begin{pmatrix} 1500 \text{ cu in.} + \\ 1000 \text{ cu in.} + \\ 2000 \text{ cu in.} \end{pmatrix}$ 35 feet	SOURCE CAPACITY 4500 cu in.
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m. FAR TRACE 1
INSTRUMENT FILTERS: LOW out HIGH 62 Hz NOTCH out	GAIN MODE IFP SLOPE - SLOPE 72 db/octave SLOPE -
DATA LENGTH MIN. (39) Sec MAX. NOMINAL FOLD	SAMPLE RATE 4 ms.
REMARKS	



CRUISE				LINE				AREA-PROJECT				DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
FM08-02				LS-11				LASE				JUNE 16, 81																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.				REC. LGTH				FLD				REP. RATE				WATER DPTH (Fm)				REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB INIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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CRUISE <u>FM 08-02</u>	LINE <u>LS-12, ESP 2</u>
START TIME (168) <u>05:38:30</u> START LAT. <u>39° 01.07 N</u> START LONG. <u>73° 20.25 W</u>	END TIME (168) <u>09:30:30</u> ENDING LAT. <u>38° 45.49 N</u> ENDING LONG. <u>73° 36.65 W</u>
SOURCE <u>DAWSON AIR GUNS</u> SOURCE DEPTH	SOURCE CAPACITY
NO. OF TRACES NEAR TRACE	GROUP INTERVAL FAR TRACE
INSTRUMENT FILTERS: <u>LOW</u> <u>HIGH</u> <u>NOTCH</u>	GAIN MODE SLOPE SLOPE SLOPE
DATA LENGTH MIN. <u>39 sec.</u> MAX. NOMINAL FOLD	SAMPLE RATE <u>4 ms.</u>
REMARKS	



CRUISE		LINE		AREA-PROJECT		DATE												
FM 08-02		LS 12		LASE ESP 2		17 JUNE 81												
TIME	REEL	SH. PT	RECORD NO.	STRMER		DEPTH	GAIN (db)			TRIP DEL.	REC. LGTH	FLD	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB INIT
				1	2		INIT	RATE	FINL									
01:05:19	082401			1	2	27	37	36	37	34	52							
01:05:34	401		16															
01:05:38 1/2	402		17															
01:06:09 1/2	402		48															
01:06:10 1/2	403		49			37	36	37	37	50								
01:06:14 1/2	403		81															
01:06:14 3/2	404		82			37	35	32	35	52								
01:07:14 1/2	404		112															
01:07:14 1/2	405		113			37	36	40	36	55								
01:07:14 5/2	405		144															
01:07:46 1/2	406		145			27	36	36	37	35	54							
01:08:11 1/2	406		177															
01:08:11 1/2	407		178			37	37	36	37	54								
01:08:50 1/2	407		209															
01:08:51 1/2	408		210			36	36	37	35	53								
01:09:23 1/2	408		242															
01:09:24 1/2	409		243			36	37	36	37	56								
01:09:30 1/2	409		249															
01:10:00																		
01:11:00																		
01:12:00																		
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01:58:00																		
01:59:00																		
02:00:00																		

SHOTS FROM MOORE

1. DAWSON SHOT

START LINE LS-12

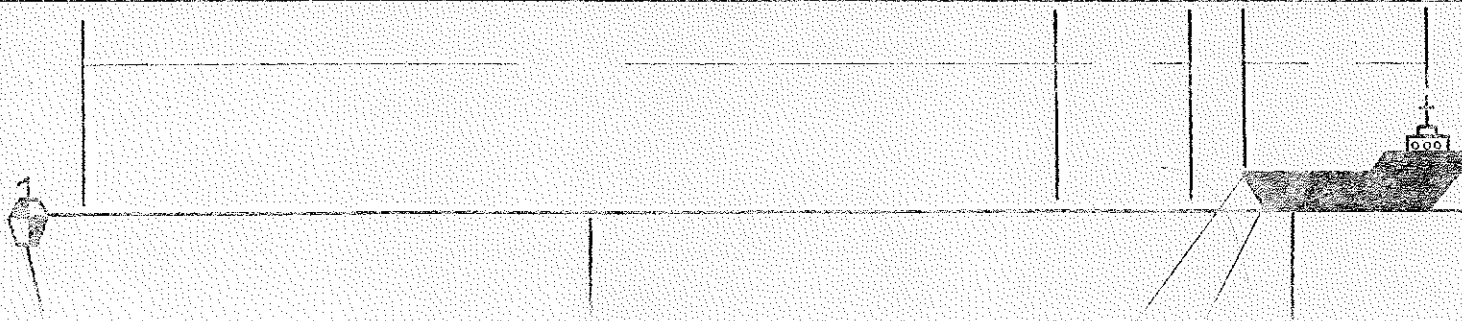
ESP 2

730 SHOOTING ONLY WITH 1000' gun

END ESP 2

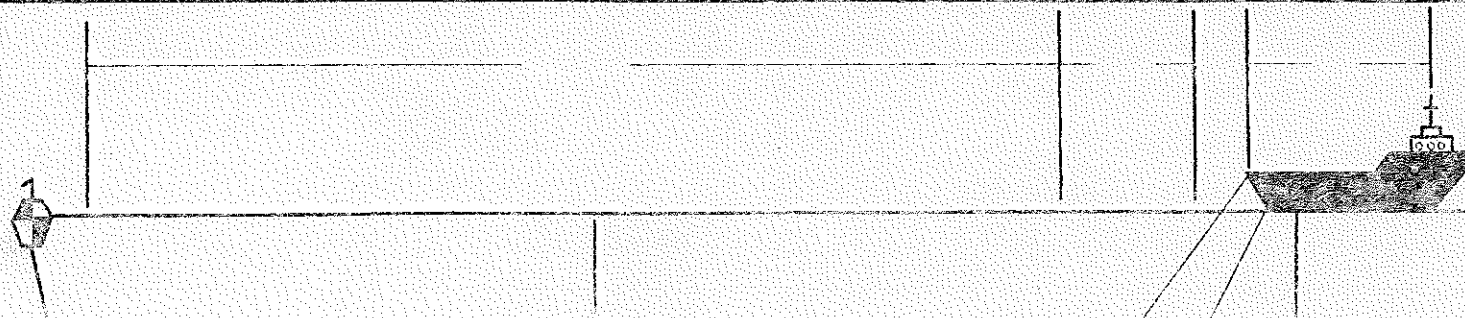
@ (168) 09:30 hrs.

CRUISE FM 08-02	LINE LS-13
START TIME (168) 12:10: START LAT. 38° 47.63 N START LONG. 73° 35.11 W	END TIME (168) 21:05 ENDING LAT. 39° 21.27 N ENDING LONG. 72° 58.93 W
SOURCE DAWSON EXPLOSIVE, at 10 min. interval SOURCE DEPTH MOORE AIRGUNS at 1 min. interval except at 10 min. marks.	SOURCE CAPACITY
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT FILTERS: LOW out HIGH 62 Hz NOTCH out	GAIN MODE IFP SLOPE - SLOPE 72 db/oct SLOPE -
DATA LENGTH MIN. 20 SEC MAX. 39 SEC SAMPLE RATE 4 ms NOMINAL FOLD	
REMARKS DAWSON Explosive until 16:47 (39 sec. records) 2 then MOORE AIRGUNS only (20 sec. records)	



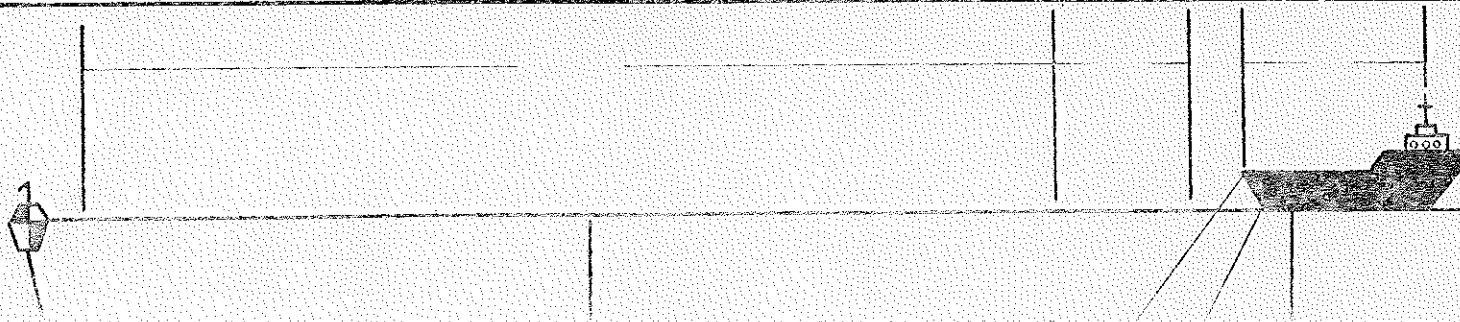
[illegible]

CRUISE FM 08-02	LINE LS-14, ESP 2
START TIME 168:23:27:30 START LAT. 39° 22.05 N START LONG. 72° 50.21 W	END TIME 169:02:30 ENDING LAT. 39° 09.58 W ENDING LONG. 73° 11.18 W
SOURCE SOURCE DEPTH	SOURCE CAPACITY
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT DFS 1V FILTERS: LOW out HIGH 62 Hz NOTCH out	GAIN MODE IFP SLOPE - SLOPE 72 db/oct SLOPE -
DATA LENGTH MIN. 39 SEC MAX. NOMINAL FOLD	SAMPLE RATE 4 ms
REMARKS For range part of ESP 2, with AIRGUNS LINE LS-12 is complementary to LINE LS-14.	



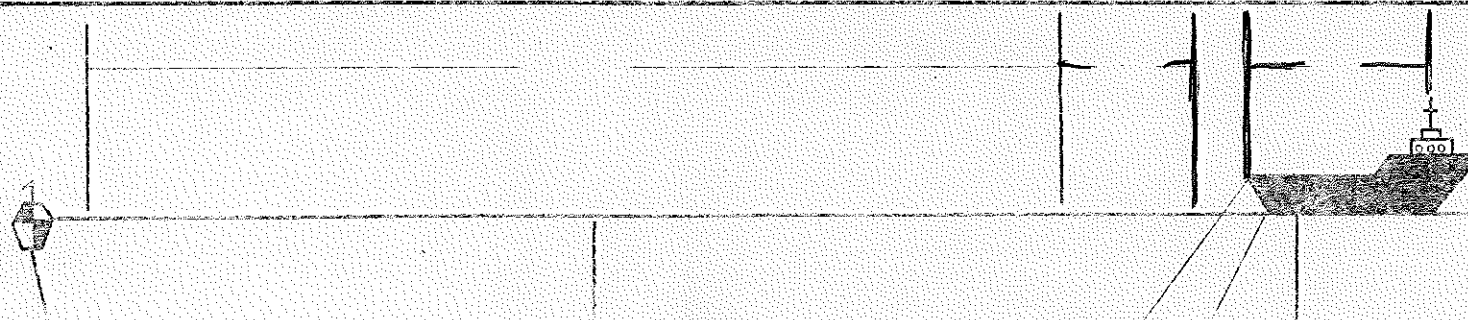
[illegible]

CRUISE <u>FM08-02</u>	LINE <u>LS-15, ESP3</u>
START TIME <u>169: 04:30:30</u> START LAT. <u>39° 00.85 N</u> START LONG. <u>73° 07.08 W</u>	END TIME <u>169: 10:31:30</u> ENDING LAT. <u>38° 36.55 N</u> ENDING LONG. <u>73° 30.43 W</u>
SOURCE <u>DAWSON AIRGUNS</u> SOURCE DEPTH	SOURCE CAPACITY
NO. OF TRACES <u>40</u> NEAR TRACE <u>40</u>	GROUP INTERVAL FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS: <u>LOW out</u> <u>HIGH 62 Hz</u> <u>NOTCH out</u>	GAIN MODE <u>JFP</u> SLOPE <u>-</u> SLOPE <u>72 db/oct.</u> SLOPE <u>-</u>
DATA LENGTH MIN. MAX. SAMPLE RATE <u>4 ms.</u> NOMINAL FOLD <u>39 SEC.</u>	
REMARKS	



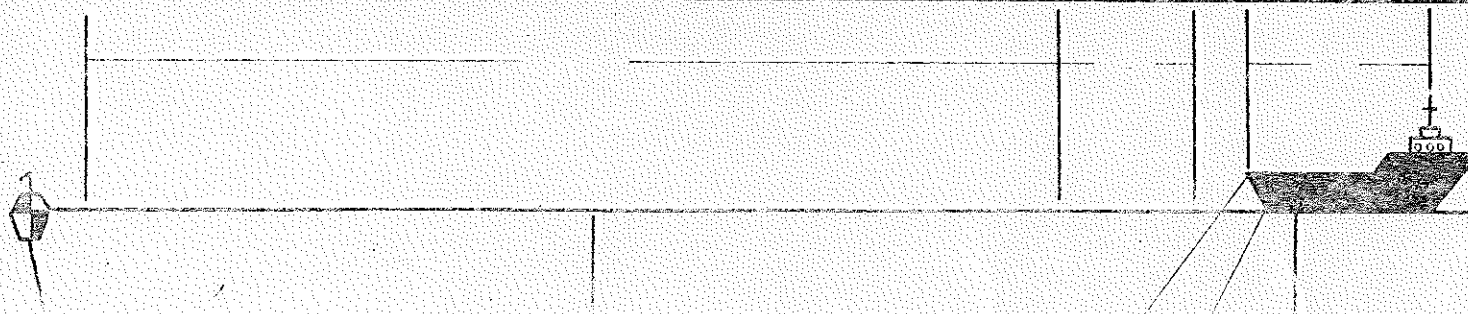
[illegible]

CRUISE FM08-02	LINE LS-16
START TIME 169:12:36 START LAT. 38° 37.31' N START LONG. 73° 30.84' W	END TIME 170:04:13 ENDING LAT. 38° 49.51' N ENDING LONG. 72° 45.16' W
SOURCE DAWSON EXPLOSIVE @ 10 min. AND SOURCE DEPTH MOORE AIRGUNS @ 1 min.	SOURCE CAPACITY
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m. FAR TRACE 1
INSTRUMENT DFS-12 FILTERS: LOW out HIGH 62 Hz NOTCH out	GAIN MODE IFP SLOPE - SLOPE 72 db/oct SLOPE -
DATA LENGTH MIN. MAX. SAMPLE RATE NOMINAL FOLD 39 SEC. up to 169:18:55 20 SEC. thereafter.	
REMARKS LAST DAWSON EXPLOSIVE @ 169:17:50.	

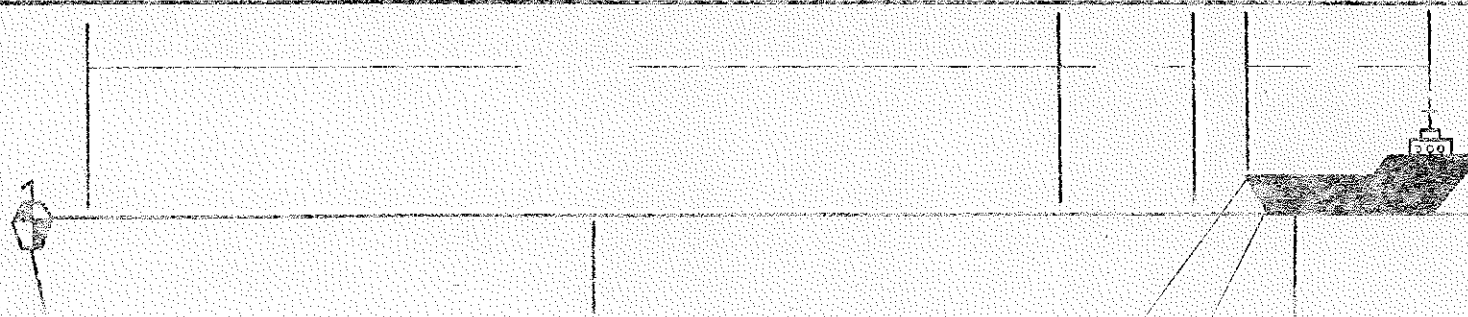


[illegible]

CRUISE FM08-02	LINE LS-17, ESP 4
START TIME 170:11:10:30 START LAT 38° 48' 03" N START LONG. 72° 46.57' W	END TIME 170:16:42:30 ENDING LAT. 38° 26.64' N ENDING LONG. 73° 09.65' W
SOURCE DAWSON AIRGUNS SOURCE DEPTH	SOURCE CAPACITY 3000 cu in (1000 + 2000)
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT DFS IV FILTERS: LOW cut HIGH 62 Hz. NOTCH cut	GAIN MODE Ifp SLOPE - SLOPE 72 db/oct. SLOPE -
DATA LENGTH MIN. MAX. SAMPLE RATE 4 ms NOMINAL FOLD 39 sec.	
REMARKS	



CRUISE FM 00-02	LINE LS-18
START TIME 170:18:29 START LAT. 38° 23.50 N START LONG. 73° 10.59 W	END TIME 171:09:55 ENDING LAT. 38° 41.69 N ENDING LONG. 72° 26.27 W
SOURCE DAWSON EXPLOSIVE (50 lbs) SOURCE DEPTH at 10 min interval + MOORE AIRGUNS at 1 min.	SOURCE CAPACITY
NO. OF TRACES NEAR TRACE	GROUP INTERVAL FAR TRACE
INSTRUMENT FILTERS: LOW HIGH NOTCH	GAIN MODE SLOPE SLOPE SLOPE
DATA LENGTH MIN. 20 sec MAX. 39 sec NOMINAL FOLD	SAMPLE RATE
REMARKS DAWSON EXPLOSIVE UPTIL 171:00:30 (39 sec. records) Afterwards only MOORE AIRGUNS. (20 sec. records)	



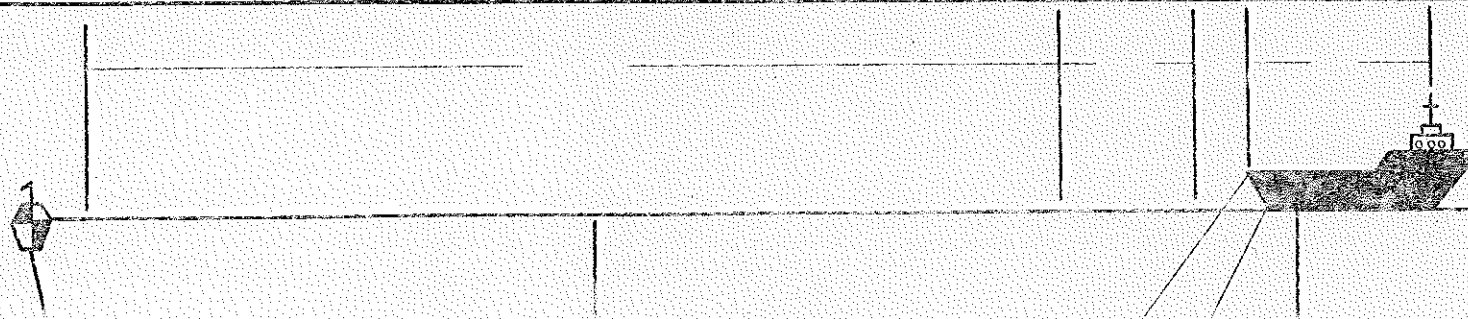
CRUISE FM 08-02				LINE LS-18				AREA-PROJECT LASE, ESP-4 (Explosives)				DATE JUNE 18 81																																															
TIME				REEL				SH. PT				RECORD NO.				STRMER DEPTH				GAIN (db)				TRIP DEL.				REC. LGTH				FLD				REP. RATE				WATER DPTH (Fm)				REL FIRE TIMES				CONTINUITY OR LEAKAGE				REMARKS				OB. INIT			
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															
01 11 82 7				08 24 6 9								1				38 38 40 36 48								39																				START LS-18															
02 11 90 0				4 6 9				33																																																			
03 11 93 3				4 7 0				34				40 38 38 35 48																																															
04 11 93 4				4 7 1				67																																																			
05 12 00 6				4 7 1				68				41 38 38 32 43																																															
06 12 00 7				4 7 2				100																																																			
07 12 03 9				4 7 2				101				38 38 38 34 48																																															
08 12 04 0				4 7 3				133																																																			
09 12 11 2				4 7 3				134				40 40 38 34 48																																															
10 12 21 3				4 7 4				166				40 38 38 34 46																																															
11 12 21 4				4 7 4				167																																																			
12 12 21 4				4 7 4				200																																																			
13 12 21 4				4 7 5				201				40 39 40 35 48																																															
14 12 21 9				4 7 5				233																																																			
15 12 22 0				4 7 6				234				40 39 40 35 50																																															
16 12 24 5				4 7 6				256																																																			
17 12 24 5				4 7 7				267				40 38 39 34 50																																															
18 12 32 5				4 7 7				299																																																			
19 12 32 6				4 7 8				300				35 35 38 34 48																																															
20 12 35 9				4 7 8				333																																																			
21 12 00 0				4 7 9				334				37 36 38 35 46																																															
22 12 00 3				4 7 9				367																																																			
23 12 00 3				4 8 0				368				37 36 38 34 41																																															
24 12 14 1				4 8 0				432																																																			

June 20 1981

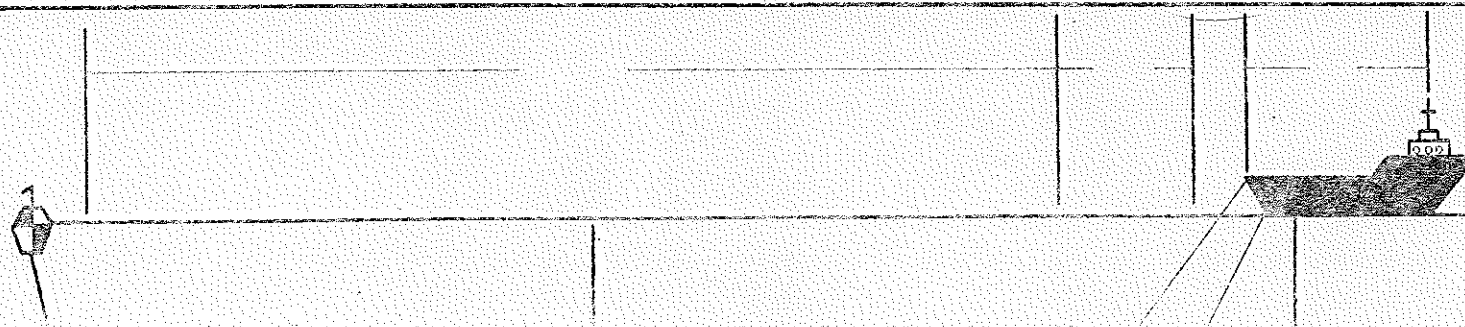
start 20 sec records
missed 3 shots

END LINE LS-18.
Q 09:55 (1971)

CRUISE FM 08-02	LINE LS-19, ESP 5
START TIME 171:10:02:30 START LAT. 38° 41.23 N START LONG. 72° 26.81 W	END TIME 171:15:32:30 ENDING LAT. 38 19.41 N ENDING LONG. 72 50.02 W
SOURCE DAWSON AIRGUNS SOURCE DEPTH	SOURCE CAPACITY (1000 + 2000) cu in. at 2000 psi
NO. OF TRACES 48 NEAR TRACE 48	GROUP INTERVAL 70 m FAR TRACE 1
INSTRUMENT DFS-1V FILTERS: LOW HIGH 62 Hz NOTCH	GAIN MODE Ifp SLOPE SLOPE 72 db/oct SLOPE
DATA LENGTH MIN. MAX. NOMINAL FOLD 39 sec	SAMPLE RATE 4 ms
REMARKS	



CRUISE <u>FM 08-02</u>	LINE <u>LS-20, ESP 5</u>
START TIME <u>171: 17.52</u> START LAT. <u>38 18.33</u> START LONG. <u>72 51.25</u>	END TIME <u>171: 23.23</u> ENDING LAT. <u>38° 40.30 N</u> ENDING LONG. <u>72° 28.14 W</u>
SOURCE <u>MOORE AIRGUNS</u> SOURCE DEPTH <u>DAWSON EXPLOSIVES</u>	SOURCE CAPACITY <u>(2000 + 1000 + 1000)</u> <u>50 p</u>
NO. OF TRACES <u>48</u> NEAR TRACE <u>48</u>	GROUP INTERVAL <u>70 m</u> FAR TRACE <u>1</u>
INSTRUMENT <u>DFS IV</u> FILTERS LOW <u>OUT</u> HIGH <u>- 62 Hz</u> NOTCH <u>OUT</u>	GAIN MODE <u>IFP</u> SLOPE SLOPE <u>72 dB/oct</u> SLOPE
DATA LENGTH MIN. <u>30 SEC</u> MAX. NOMINAL FOLD	SAMPLE RATE <u>4</u>
REMARKS	



CRUISE				LINE				AREA-PROJECT				DATE										
FM 08-02				LS-20				LASE ESP 5				JUNE 20, 81										
TIME	REEL	SH. PT	RECORD NO.	STRMER DEPTH						GAIN (db)			TRIP DEL.	REC. LGTH	FLU	REP. RATE	WATER DPTH (Fm)	REL FIRE TIMES	CONTINUITY OR LEAKAGE	REMARKS	OB INIT	
				1	2	3	4	5	6	INIT	RATE	FINL										
01 1752	082499		1	42	40	38	33	47					39								1. SHOT LS-20	
02 1824	499		33																			
03 1825	500		34	38	38	38	34	47														
04 1858	500		67																			
05 1859	501		68	40	40	40	34	48														
06 1932	501		101																			
07 1933	502		102	38	38	38	32	46														
08 2005	502		134																			
09 2006	503		135	42	39	38	34	46														
10 2030	503		167																			
11 2039	504		168	40	39	38	33	45														
12 2111	504		200																			
13 2112	505		201	40	34	39	32	45														
14 2144	505		233																			
15 2145	506		234																			
16 2217	506		266																			
17 2218	507		267	43	40	40	34	45														
18 2323	507		332																			
19																						
20																						
21																						
22																						
23																						
24																						
25																						

LAST SHOT @ 23:23
 END LINE LS-20
 END LASE