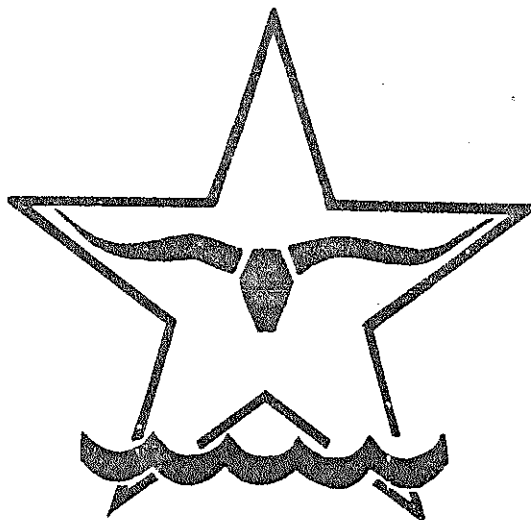


COPY 1

UNIVERSITY OF TEXAS AT AUSTIN



INSTITUTE FOR GEOPHYSICS
8701 MOPAC BLVD, THIRD FLOOR
AUSTIN, TEXAS 78759

LINE LOG
R. V. MAURICE EWING
CRUISE
EW 9502

Line Number: 239	Area: Exp. # 2	Date: D 96	Start Time: 03:01:06	End Time: 06:55
SCS Shot #	Begin: 5776	End: 6495	SCS File #	Begin: 56
				End: 749
Arraygun Array: 16 gun 5895	Shot Interval/Repetition Rate: 50m - 75m Instruments: 341 - 46 (plus rest of array)			
Time	7 and 20 gun - 8330 coin. Comments outside box			
	Strike line beginning shooting on the Exp. #2			
	Will use the larger array outside of the 3D Box			
03:59	Changed to full array after exiting 3D Box - Solar still shooting @ 50m			
04:28	stop shots - waiting for land shot 2.5 kg			
04:33	shots start again			
05:23	shots stop - waiting for land shot land shot 18 kg			
05:32	shots start again			

Line Number:		Area:		Date:		Start Time:		End Time:	
SCS Shot #		Begin:		End:		SCS File #		End:	
Airgun Array:				Shot Interval/Repitition Rate:			Instruments:		
Time		Comments							
0609		stopped shooting shot no 6353, started again 6355 - P unknown reason							
0629		stopped shooting shot no 6415 for land shot (25 kg)							
0631		resumed shooting shot no 6423							

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TICOSECT OBS/SCS LINE LOG

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Line Number:	238	Area:	Exp.#2	Date:	096	Start Time:	0738	End Time:	1132
SCS Shot #	Begin: 6629	End:	7368	SCS File #	Begin: 274	End:	1587		
Airgun Array:	8330/5295	Shot Interval/Repitition Rate:	50m	Instruments:	3D Array				
Time	Comments								
0829	stopped shooting shot no 6788 for land shot								
0831	resumed shooting								
0929	stopped shooting shot no 6977 for land shot								
0931	resumed shooting shot no 6985								
1029	Stopped shooting shot no 7166 for land shot (15kg)								
1032	resumed shooting shot no 7177								
1034	turned off guns 2,6,17,19 - entering 3D box shot no 7183								
Line Number:	238-201t	Area:	Exp.#2	Date:	096	Start Time:	1132	End Time:	1240
SCS Shot #	Begin: 7369	End:	7582	SCS File #	Begin: 1528	End:	1801		
Airgun Array:	5895	Shot Interval/Repitition Rate:	50m	Instruments:	3D Array				
Time	Comments								
Line Number:	201	Area:	Exp #2	Date:	096	Start Time:	1242	End Time:	16:23
SCS Shot #	Begin: 7584	End:	8277	SCS File #	Begin: 1803	End:	2427		
Airgun Array:	5895	Shot Interval/Repitition Rate:	50m	Instruments:	3D Array				
Time	Comments								
14:12	Gun #11 back in service								
16:02	Switch gun #2 for gun#8 (Both are 850 coin)								
16:07	Switch gun — for gun#2 (Both are 850 coin)								
201 to 211 TURN - Shooting on time @ 19 sec.									
~14:18 ~ 14:32 problem w/ seismic acquisition system - missed shots									

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TICOSECT OBS/SCS LINE LOG

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Exp. 2

Line Number: 217	Area: GRID	Date (JD): 097	Start Time (GMT): 17:53	End Time: 23:33
SCS Shot #	Begin: 13428	End: 14131	SCS File #	Begin: 7637
				End: 8343
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m / 20 Sec. Instruments: OBS 73,53,43 OBIT 63,33			
Time	Comments			
	the positions of OBS and OBIT are check in bathymetric record			
Line Number: 217(Ext.)	Area: SW of GRID	Date (JD): 097	Start Time (GMT): 23:33	End Time: 01:55
SCS Shot #	Begin: 14131	End: 14581	SCS File #	Begin: 8343
				End: 8793
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m. / 20 Sec. Instruments: OBS, 27, 28 and 3D array			
Time	Comments			
0041:46	shot 14350 gun 7 (2500) pulled for repair; gun 17 (2600) turned on instead			
0031:19	14507 gun 7 back on; 17 turned off			
Line Number: 217(Ext.)	Area: SW-NE	Date (JD): 098	Start Time (GMT): 02:45	End Time: 04:58
SCS Shot #	Begin: 14739	End: 15143	SCS File #	Begin: 8951
				End: 9359
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m. / 20 Sec. Instruments: OBS 27, 28 and 3D array.			
Time	Comments			

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259511

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17:29

Line Number:	221	Area:	GRID	Date (JD):	098	Start Time (GMT):	17:29	End Time:	21:09
SCS Shot #	Begin: 17531	End:	18229	SCS File #		Begin:	1736	End:	2434
Airgun Array:			Shot Interval/Repitition Rate:				Instruments:		
Time	Comments								
1734	Gun 1B pulled due to tangle								
Line Number:	231	Area:	GRID	Date (JD):	098	Start Time (GMT):	21:33	End Time:	01:13
SCS Shot #	Begin: 18295	End:	18997	SCS File #		Begin:	2500	End:	3320
Airgun Array:	5895		Shot Interval/Repitition Rate:		50m./20sec.		Instruments: 3D array		
Time	Comments								
98-23:59	OFFLINE (Fishing boat?)								
9900:02	ONLINE AGAIN 0938.292N 084 53 46.96W								
Line Number:	223	Area:	Grid NE-SW	Date (JD):	099	Start Time (GMT):	01:33	End Time:	05:15
SCS Shot #	Begin: 19053	End:	19738	SCS File #		Begin:	3253	End:	3929
Airgun Array:	5895		Shot Interval/Repitition Rate:		50m./20sec.		Instruments: 3D array		
Time	Comments								
02:50	the airguns away stop for ^{one} moment								
02:51	"	"	"	start again					
03:35	stop shooting.								
03:37	start " again								
05:03	stop shooting								
05:09	start " again								

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continued

Line Number:	235	Area:	Exp #2	Date (JD):	099	Start Time (GMT):	N/A	End Time:	17:29
SCS Shot #	Begin:	End:	22052	SCS File #	Begin:	1012	End:	1203	1703
Airgun Array:				Shot Interval/Repitition Rate:			Instruments:		
Time	File	Comments							
1650	1581	Approximate back on line again (overshot after excursion)							
Line Number:	227	Area:	EXP #2	Date (JD):	099	Start Time (GMT):	17:49	End Time:	21:29
SCS Shot #	Begin:	22115	End:	22811	SCS File #	Begin:	1766	End:	2463
Airgun Array:				Shot Interval/Repitition Rate:			Instruments:		
Time	File	Comments							
1825	22230	1881	GUN #18 ONLINE.						
Line Number:	237	Area:	EXP #2	Date (JD):	099	Start Time (GMT):	21:55	End Time:	01:34
SCS Shot #	Begin:	22888	End:	23574	SCS File #	Begin:	2540	End:	3225
Airgun Array:				Shot Interval/Repitition Rate:			Instruments:		
Time	File	Comments							
00:25		change airgun #3 for airgun #17							
00:32		guns 3(305), 6(500), 12(305), 13(850), 19(825) not firing							
00:36		Compressor's back on line, 16-gun array except #17 in use instead of #3							
01:09		Back to standard 16-gun array							
01:26		stop shattering							
01:27		start " again.							

$$\begin{array}{r} 71 \\ 40 \\ \hline 21 \end{array}$$

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Line Number: 228	Area: Grid NE-SW	Date (JD): 100	Start Time (GMT): 01:58	End Time: 05:38
SCS Shot #	Begin: 23645	End: 24334	SCS File #	Begin: 3296
				End: 3980
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m/20 sec. Instruments: 3D-array			
Time	File	Comments		
0320	23905	turn off gun 2 (850) to untangle		
0328	23929	airgun #3 back in line again		
0345	23983	stop shooting		
03:47	23985	star shot again		
04:59	24211	turn off gun #7		
05:10	24246	gun #7 change for gun #17		

Line Number: 236	Area: Grid SW-NE	Date (JD): 100	Start Time (GMT): 05:58	End Time: 0944
SCS Shot #	Begin: 24399	End: 25079	SCS File #	Begin: 4045
				End: 4745
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m/20 sec. Instruments: 3D array			
Time	File	Comments		
0911		log tangled in guns, pulling #5 (6 guns off)		
0928		turned on gun #6		

Line Number: 226	Area: Grid NE-SW	Date (JD): 100	Start Time (GMT): 1129	End Time: 15:15
SCS Shot #	Begin: 25439	End: 26139	SCS File #	Begin: 5085
				End: 14
Airgun Array: 5895	Shot Interval/Repitition Rate: 50m Instruments: 3D-array			
Time	File	Comments		
1255		detour around fishing buoys + boat		
1314		heading back toward line (1300m away)		

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Line Number:	210	Area:	3D (SW-NE)	Date (JD):	101	Start Time (GMT):	16:13	End Time:	19:55
SCS Shot #	Begin: 30793	End: 31487	SCS File #	Begin: 4675	End: 5366				
Airgun Array:	5895		Shot Interval/Repitition Rate:		50m (~19s)		Instruments: 3D array (-OBH 74)		
Time	File	shot	Comments						
1743	4954	3107 31072	Beginning of gun problems in stbd. array due to fishing gear						
1753	4983	31101	All stbd guns are off to clear fishing equip.						
Line Number:	218	Area:	3D (NE-SW)	Date (JD):	101	Start Time (GMT):	20:16	End Time:	101:23:56
SCS Shot #	Begin: 31549	End: 32249	SCS File #	Begin: 5429	End: 6119				
Airgun Array:			Shot Interval/Repitition Rate:		Instruments:				
Time	File		Comments						
22:58	5946		airguns off, because shooting in the land						
23:02	5947		" on again (back)						
23:56			out of 3D Box						
23:59			stop shooting waiting for land shot						
00:02			start again shooting						
Line Number:	208	Area:	Brid (SW-NE)	Date (JD):	102	Start Time (GMT):	00:20	End Time:	04:00
SCS Shot #	Begin: 32224	End: 33007	SCS File #	Begin: 60814	End: 6841				
Airgun Array:	325		Shot Interval/Repitition Rate:		Instruments:				
Time	File		Comments						
00:59	6307		stop shooting, waiting land shoot						
01:02			shooting start again,						
01:50	6458		stop shoot 3 problems "clock"						
01:51	6459		star shoot again,						
01:59	6482		stop shooting, waiting land shoot						
02:02	6483		star shooting again						
02:32	6537		stop shooting, with problems to clock						

continued

Line Number: 208		Area: Grid (SW-NE)		Date (JD): 102	Start Time (GMT): 00:20	End Time: 04:00
SCS Shot #	Begin: 32325	End: 33007	SCS File #	Begin: 6186	End: 6841	
Airgun Array:		Shot Interval/Repitition Rate:			Instruments: 3D array	
Time	File	Comments				
02:32:48	6578	start shooting again				
02:59	6661	stop shooting, wait land shooting				
03:02	6662	start shooting again				
03:58	6841	stop shooting, waiting land shoot.				
04:02	6842	start shooting again				

Line Number: 216		Area: Grid NE-SW		Date (JD): 102	Start Time (GMT): 04:21	End Time: 0801
SCS Shot #	Begin: 33076	End: 33775	SCS File #	Begin: 6900	End: 7554	
Airgun Array:		Shot Interval/Repitition Rate:			Instruments:	
Time	File	Comments				
		mismatch of shot #'s between 2 displays				
		Many arrays and shot #'s have been crossed out (33705, 33706, 33707, 33708, 33709, 33710, 33711, 33712, 33713, 33714, 33715, 33716, 33717, 33718, 33719, 33720, 33721, 33722, 33723, 33724, 33725, 33726, 33727, 33728, 33729, 33730, 33731, 33732, 33733, 33734, 33735, 33736, 33737, 33738, 33739, 33740, 33741, 33742, 33743, 33744, 33745, 33746, 33747, 33748, 33749, 33750, 33751, 33752, 33753, 33754, 33755, 33756, 33757, 33758, 33759, 33760, 33761, 33762, 33763, 33764, 33765, 33766, 33767, 33768, 33769, 33770, 33771, 33772, 33773, 33774, 33775)				

Line Number: 206		Area: SW-NE		Date (JD): 102	Start Time (GMT): 0825	End Time: 1205
SCS Shot #	Begin: 33853	End: 34553	SCS File #	Begin:	End: 8375	
Airgun Array: 5895		Shot Interval/Repitition Rate: 50m			Instruments: 3-D array	
Time	File	Comments				
		mismatch of shot #'s many arrays and shot #'s have been crossed out (33705, 33706, 33707, 33708, 33709, 33710, 33711, 33712, 33713, 33714, 33715, 33716, 33717, 33718, 33719, 33720, 33721, 33722, 33723, 33724, 33725, 33726, 33727, 33728, 33729, 33730, 33731, 33732, 33733, 33734, 33735, 33736, 33737, 33738, 33739, 33740, 33741, 33742, 33743, 33744, 33745, 33746, 33747, 33748, 33749, 33750, 33751, 33752, 33753, 33754, 33755, 33756, 33757, 33758, 33759, 33760, 33761, 33762, 33763, 33764, 33765, 33766, 33767, 33768, 33769, 33770, 33771, 33772, 33773, 33774, 33775)				
		other display appears frozen since 0746				
0836		CEO display fixed				

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Line Number: 303		Area: Exp. #3		Date (JD): 107		Start Time (GMT): 1200		End Time: 18:40:50	
SCS Shot #		Begin: 41 128		End:		SCS File #		Begin: 2	
Airgun Array: 8330		Shot Interval/Repitition Rate: 50m				Instruments: OBH 100, 99 OBS: 92			
Time	File	Comments							
1200		started shooting (SOL mark)							
1202		started recording (1211-1220 not shooting - problems!!)							
		started line w/o full array (guns #19, 14, 18, 19 off)							
1241		gun #19 back in							
1245		gun #18 back in							
Line Number: 301		Area: Exp. #3		Date (JD): 107		Start Time (GMT): 23:12		End Time: 108 1310	
SCS Shot #		Begin: 42888		End:		SCS File #		Begin: 15	
Airgun Array: 8330		Shot Interval/Repitition Rate: 50m.				Instruments:			
Time	File	Comments							
01:19	43201 (SOL)	gun 13 leaking, pulled to fix							
02:03	438	gun 13 back away							
1310		EOL 301							
Line Number: 302		Area: Exp. #3		Date (JD): 108		Start Time (GMT): 1344		End Time: 03:35	
SCS Shot #		Begin: 45048		End: 45877		SCS File #		Begin: 60	
Airgun Array: 8330		Shot Interval/Repitition Rate: 125m				Instruments: OBS 78-98 OBH 81-97+100+99			
Time	File	Comments							
14:45		Missed two shots (~14:45:39 and 14:46:39) due to computer problem - wieder watch filled the Amp file so it quit working.							

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