

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTE FOR GEOPHYSICS
R/V GYRE
SEISMIC ACQUISITION LOG

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DATE _____

CRUISE 9161 LINE A & B - Z PROJECT SC XIV

REEL NUMBER	TIME	SHOT#	RECORD#	RLIN	SRATE	FOLD	NEAR DEPTH	FAR DEPTH	REMARKS	OPER
1	0734	1	1	6	30s	4			line A	
1	0824	100	100							
1	0849:35	151	151							
1	09:30:35	233	233						start line B (mid-turn)	
1	10:13	318	318						sec 1	
1	11:00	413	413				35	35		
1	11:31	474	474				35	35		
1	12:00	532	532				30	30		
1	13:00	652	652				37	37		
1	14:00	774	774				35	34		
1	15:02	897	897				32	30		
1	1517	926	926				32		stop line #1; pull gun in	
1	1548	987	927						line #2 start	
	1600	1013					31	30		
	1702	1137	(1093)				36	34	comp. not updating itself	
	1803	1259	1175				45	43	~1752 end line 2	
				6	30	4				

stopped shooting
between lines, but
continued

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CRUISE 91G-1 LINE 3-6 PROJECT _____

REEL NUMBER	TIME	SHOT*	RECORD*	RLEN	SRATE	FOLD	DEPTH	CH ^{Near} TR ^{Far}	REMARKS	OPER
2	18:43	1337	1253	65	4ms	4	38'	36'	cont lin 3 reel 2 starts at 80 3	
	19:35	1442	1358				40'	38'	~6' seas	
	2108								Trigger sensor problems - caused time shift during turn	
	2114								Now on blast phone trigger	
	21:31:3	1675	1591				35'	34'		
			1636							
	2245	1824	1631						recommence shooting with	
	2248	1830	1637						new airgun	
	2250	1832	1639				37	32		
2	00:00	1972	1779				42'	41'	10 Jan 91 Line #5 Starts	
2	00:15	2003	1810							
2	01:00	2092	1898				44'	43'		
2	02:00	2212	2019				45'	44'		
	03:15	2363	2170				42'	40'	10 Jan 91 Line # 6 starts	
	05:02	2577	2376				35	33	~400 40 kt winds, 8' seas	
	06:00	2692	2491				32	30		
2	06:27	2746	2748						last shot, end of reel #2	

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CRUISE 91G1 LINE 7-11 PROJECT _____

REEL NUMBER	TIME	SHOT*	RECORD*	RLN	SRATE	FOLD	DEPTH ^{new}	CU IN ^{far}	REMARKS	OPER
3	0634	2760	2547	262	6s	4ms	40'	40'	start line 9 after ^{compressor} gun check	
3	0924	3150	2887	263			38'	38'		
3	1004	3180	3167	263			40	40'	SOC 8	
3	1100	3292	3079	263			36'	34'	line 8	
3	1200	3412	3199	263			37'	35'	L#8	
3	1300	3532	3319	263			40'	40'	L#8	
3	1320	3572	3359	263					end line 8	
3	1320	3573	3360	263			40'	38'	start line 9	
3	1400	3652	3439	263			37'	40	L#9	
3	1500	3773	3560	263			38	36	L#9	
3	1550	3866	3637	263			35	32	gun off start turn for line 10	
3	1700	4012	3771	263			39	37.5	line 10	
3	1800	4133	3893	263			38	36	line 10	
3	1830	4153							sol 11	
3	1859		4010						tape change	
4			4011							
4	1905	4262	4021	263			35'	34'		

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CRUISE 91 G1 LINE 11-15 PROJECT _____

REEL NUMBER	TIME	SHOT*	RECORD*	RLIN	SRATE	FOLD	near DEPTH	far CU-IN	REMARKS	OPER
4	2001	4375	44134	6s	4ms	4	36'	35'	cont line 11	
4	2048	4469	4228				38'	36'	end line 11, start 12	
4	21:38	4568	4327				38'	36'		
4	2200	4612	4371				37'	36'		
4	2251	4613	4371						end line 12	
									pull guns, streamers, etc to pick	
									up OBS's	
4	0908	4372	4372				47'	47'	start line 13 (11 Jan 91)	
4	0910								increase speed to 5 kts	
4	1100	4614	4613				35'	34'		
4	1113	4620	4619						end line 13	
4	1113	4621	4620				34'	33'	start line 14	
4	1200	4714	4713				45'	43'		
4	1231	4776	4775				43'	45'	end line 14	
4	1231	4777	4776						start line 15	
4	1300	4834	4833				34'	33'	cont line 15	
4	1400	4954	4953				35'	34'	"	
4	1428	5010	5009						end line 15	

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DATE 11 Jan 91 - 12 Jan 91

CRUISE 91G1 LINE 16-21 PROJECT

REEL NUMBER	TIME	SHOT*	RECORD*	RLN	SRATE	FOLD	NEAR DEPTH	FAR CU IN	REMARKS	OPER
5	2048:00	5010	5010	605	4ms	4			new tape; sol 16	
5			5014						stopped shooting to repair air hose	
5	21:27	5022	5025				39'	39'	~ 2125 restart shooting	
5	22:13	5120	5118						shut down - compressor maintenance	
5	22:27	5142	5119						start shooting (Cont L#16)	
5	22:44	5181	5158						end L#16 start L#17 CSE 30°	
5	23:00	5207	5184				31'	31'	CSE 50° Cont L#17	
5	00:00	5327	5304				35'	35'	012 / 12 Jan 91, L#17	
5	00:20	5367	5344						27°09.9N 95°12.76W turn to 150° end L#17; start L#18 CSE 150°	
5	00:55	5441								
5	01:00	5447	5423				43'	41'	CSE 153° SPD 5.0 end L#18 turn to 280° start L#19	
5	02:00	5567	5544				41'	41'		
5	02:55	5683	5624						end line #19 CSE 185° SPD 6.2 turn to 94° start L#20	
5	03:06	5807	5704				37	36		
5	04:22	5853	5830				34'	33'	end L#20; start L#21 CSE 220°	
5	05:00	5928	5906				44	42		
5	06:00	6047	6024				45	43	L 21	

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CRUISE 91G1 SC XIV LINE 21-24 PROJECT _____

[illegible]