

SEISMIC RECORDING LOG

PAGE 1

CRUISE EW9201AREA CAMBEI PLATDSS248 1 CHANNELSSHIP Ewing

AND

SHIP LINE NUMBER TRANSIT/LINE TYPE SCSSOURCE 2 WATERGUNS

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
017	0245	1	0001	0015	573.9m	12	2	10	Ø	DRIVE Ø SEISMIC SYSTEM STARTED.
017	0815	2	1647	1662	558.9m	"	"	"	Ø	2 WATERGUNS @ 80 in ³ EACH.
017	0815	2	1648	1663	558.9m	"	"	"		Beginning of Tape #2
017	1805	2	4575	4590	660.4	"	"	"		End of tape 2
017	1805	3	4576	4591	660.4	"	"	"		Beginning of tape #3
"		3				"	"	"		END of tape #3
017	2152	3				"	"	"		GUN #12 DOWN - AIR LEAK
017	2355	"	6352	6367	1972	"	"	"		GUN #12 ON LINE - 2 OPERATIONAL.
018	0000	3	6378	6393						END (TRANSIT) - TO RESET REC. LENGTH
018	0051	4	6479	6463						AND SAMPLE RATE TO 2ms.
I	I	4	↓	↓	2673	12	2	10	Ø	UNABLE TO SET REC. BEYOND 10 SEC FOR 2ms SAMPLE - 5 SEC FOR 1ms. DRIVE Ø
	0120									LINE # (TRANSIT 2)
	0120									GUN #9 DOWN - SLOW TO YK.
	0131									RESUME 10K - 1 GUN ONLY
018d	0709	4	8273	8357	3768.2					GUN #9 resumed (0704 slowed to 4Hz, 10Hz @ 0711)
018d	1038	4	9303	9387	4965				drive Ø	EOT #4 message "005 LINE: TRANSIT 2 MTU ADD0001"
018d	1038	5	9304	9388	4965				drive 1	BOT #5
018	201531	5	02203	12286	5180				DRIVE 1	EOT #5
"	201543	6	02204	12287	"				DRIVE Ø	BOT #6 DRIVE Ø
	055508	6	05101	15184	5304					EOT #6 "
	055520	7	05102	15185	5304					BOT #7 Drive 1
019	153445	7	7999	18082	5150					EOT #7
019	153445	8	8000	18083	5150					BOT #8 Drive Ø

SEISMIC RECORDING LOG

PAGE 2CRUISE EW 9201AREA west flankDSS240 1 CHANNELSSHIP Ewing

AND

SHIP LINE NUMBER Transit 2/PAC01 LINE TYPE SCS SOURCE 2 waterguns

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
Cont'd 09	153445	8	8000	18083	5150					Bot #8 Drive 0
020	011322	8	0898	20980	5013					END #8
020	011334	9	0899	20981	5013					BEGIN TAPE #9 DRIVE 1
020	021934	9	1229	21311						SHUT DOWN GUNS TO CHECK OIL IN COMP.
020	0237	9	~1317	021399	5064					BEGIN GUNS AGAIN
020	105259	9	3796	23878	4170					EOT #9 drive 1
020	105311	10	3797	23879	4170					BOT #10 drive 0
020	203236	10	6694	26776	4280					EOT #10 DRIVE 0
020	203237	11	6695	26777						BOT #11 DRIVE 1
021	0521	11	9337	29419	3620-4					Slowing down - remove gun #12 @ 052100
021	061201	11	9592	29674	4169					EOT #11 drive 1
021	061213	12	9593	29675	4169					BOT #12 drive 0
021	0813	12	0193	30274	4015					gun #12 back on line initially @ 6 kts, @ 10.5 kts 0830 z.
		12		30863						EOT #12 - STOPPED TO A LINE # TO PAC 1
021	101001	13	6379	30864	3247					DRIVE 1 - FILE #15 NOT CONSEC. ?
021	195000	13	9276	33761	3247					EOT #13
	195002	14	9277	33762	3250					BOT #14
022	0258	14	—	—	—					gun #12 did not fire 1X
	0447	14	—	—	—					gun #12 NOT FIRING
	0450	14	—	—	—					slow down - remove gun #12 from water temporarily
022	053027	14	2175	36659	2342-6					drive 0 EOT 14
	053039	15	2176	36660	2342-6					drive 1 BOT 15
	0618	15	2416	36900	2302					gun #12 auto firing, taken off line
	0720	15	—	—	—					gun #12 taken out of water

SEISMIC RECORDING LOG

PAGE 3CRUISE EW9201AREA East FlankDSS248 1 CHANNELSSHIP EWING

AND

SHIP —LINE NUMBER PAC01LINE TYPE SCSSOURCE 2xWater gun

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
										gun#12 still down @ 0720z (TAPE 15 BOT f2176 sp36660)
022	0836	15	3103	37587	2194.2	12	2	10	Ø	gun#12 back on line
022	1255									gun#12 taken aboard to service
022	1510	15	25073	39557	2900					EOT #15 Drive 1
022	1510	16	5074	39558	2900					BOT #16 Drive Ø
023	0052	16	7971	42455	3580					EOT #16
023	"	17	7972	42456	3580					BOT #17 Drive 1
	0400	11	8932	43416	4011					Buffer Memory Error - System Shut Down For Tests EOT
	0442									Found BAD mem buff card in EØ - CHANGED w/SPARE. SET TAPE LENGTH TO 2700
023	052419	18	89303	43430	2972			10		BOT #18 - DRIVE 1 (LINE ANTØ1)
023	1115	18			3506.8					Gun #12 back in water
023	1300	18	1139	45632	3751					EOT #18 Drive 1
023	1300	19	1140	45633	3751					BOT #19 Drive Ø Ant Ø1
023	1534		1986	46479	3807.8					Pressure to Both guns Auto firing
023	1542				3947.2					#9 gun shut down
023	1615		2491	46681	3608.6					#12 Gun not firing
023	1640		2316	46809	3805.4					Gun #9 back on line
023	20:05:44	19	3345	47838	4220					EOT #19
023	20:05:56	20	3346	47839	4220					BOT #20 Drive #1 (2205)
024	0140				4129					#12 in H ₂ O + Firing
024	~0400	20	5551	50044	4190					EOT #20

SEISMIC RECORDING LOG

PAGE 5CRUISE FW 9201AREA East FloridaDSS240 1 CHANNELSSHIP EwingAND SHIP —LINE NUMBER Antp1LINE TYPE SCSSOURCE 2 Water guns

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
025	~1830	26	6400	61595	~4280					EOT #26
025	~1830	27	6401	61596	~4280					BOT #27
	0225									GUN PRESSURE Low → FIXED
026	0239	27	8687	63882	4212					EOT #27
026	0239	28	8688	63883	4212					BOT #28
026 ^d	0507	28	c9430	c64625	—					shut down gun #12 to bring pressure up.
026 ^d	0522	28	c9513	c64708	—					both guns back on line
026 ^d	0553	28	—	—	—					shut down gun #12 (p down)
026 ^d	0706	28	0026	65220	4075					both guns shut down (compressor)
026 ^d	0722	28	0110	65304	—					both guns on line
026 ^d	101606	28	975	66169	4220.3					EOT #28 drive 0
026 ^d	101618	29	976	66170	4220.3					BOT #29 drive 1
026 ^d	1035	29	c1070	c66264	—					gun #9 down
	1039									gun #9 back on line
	1122	"	1309	66503	4248	13				CHANGED POP RATE TO 13 SEC
	1133									Gun #12 deactivated ~5min
	1219									Gun #12 deactivated ~15min
026	1730	29	3203	68457	4313					EOT #29 drive 1
026	1730	30	3204	68458	—					BOT #30 drive 0
027	0009	"								Gun #12 shut off
027	0241	30	5549	70743	4072					EOT #30
027	0241	31	5550	70744	4072					BOT #31
027	0252	"	5548	70792	4064					gun #12 in H.O + firing
	1057	31	7836	73030	3686.4	13				EOT #31 drive 1

SEISMIC RECORDING LOG

PAGE 6CRUISE EW 9201AREA East FlankDSS240 1 CHANNELSSHIP EWING

AND

SHIP —LINE NUMBER AUT 01LINE TYPE SCSSOURCE 2 waterguns

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
027	1057	32	7837	73031	3686.4	13				BOT #32 drive 0
027	1917	32	0124	75317	4184	13				EOT #32 drive 0
027	1917	33	0125	75318	4184					BOT #33 drive 1
028	0328	33	2411	77604	3513					EOT #33 drive 1
028	0328	34	2412	77605	"					BOT #34 drive 0
028	1143	34	4698	79891						EOT #34 drive 0
	1143	35	4699	79892						BOT #35 drive 1
028	2015	35	6985		3500					EOT #35 drive 1
028	2015	36	6986	82179	3500					BOT #36 drive 0
029	0414	36	9272	84465	2882					EOT #36 drive 0
029	0414	37	9273	84466	"					BOT #37 drive 1
		37	?	?						EOT #37 drive 1 - Lost power to LAB - no EOT.
	081427		0380	085571	—					
	083057	38	0005	00183		13	2	10	0	BOT - DRIVE 0 - <u>Line SA-1</u>
	0912									
029	1740	38	2287	002465	3115	13				EOT - Drive 0
029	1740	39	2288	002466	"					BOT - Drive 1
029	1830	"			3093					Error "NAV BLOCK INCOMPLETE"
029	1930	"			3292					System fixed
030	0141	39	4574	4752	1394					EOT #39
030	0141	40	4575	4753	"					BOT #40 drive 0
030	0956	40	6861	7039	3046					EOT #40 drive 0
030	0956	41	6862	7040	3046					BOT #41 drive 1
030	1818	41	9148	9326	3500					EOT #41 drive 1

SEISMIC RECORDING LOG

PAGE 7CRUISE EW 3201AREA East FlankDSS248 1 CHANNELSSHIP EWING

AND

SHIP _____

LINE NUMBER 5A-1LINE TYPE SL5

SOURCE _____

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
030	1818	42	9149	9327	3550					130 T # 42, drive 0
031 ^d	0227	42	1437	11614	3700					EOT #42 drive 0
031 ^d	0227	43	1438	11615	3700					BOT #43 drive 1
031 ^d	1043	43	3723	13900	2963					EOT #43
031 ^d	1043	44	3724	13901	2963					BOT #44 drive 0
031	1158									'Nav block incomplete' error, restarted (g-dw)
031	1910	44	6010	16187	2850					EOT #44 drive 0
031	1910	45	6011	16188	2850					BOT #45 drive 1
032	0315	45	8297	18474	~2339					EOT #45
032	0315	46	8298	18475	~2339					BOT #46 drive 0
032 ^d	0909	46	—	—	—					'NAV BLOCK INCOMPLETE' - restarted 0922 A 9997/2068
	0950	46	—	—	—					Air pressure → Lo, No 9 offline @ 0956
032	1116	46	—	—	—					'Nav block' F0512, 50020688 restarted.
032	1131	46	0585	020761	2898.9					EOT #46 drive 0
032	1131	47	0586	020762	2898.9					BOT #47 drive 1
032	1950	47	2872	23048	3308					EOT #47 drive 1
032	1950	48	2873	23049	3308					BOT #48 drive 0
032	2346	48	23977	24153	3378					EOT #48 - STOP SEISMIC RECORDING
044 ^d	0606	49	—	—	—					begin relaunch guns
044 ^d		49	01001	00004	2261	12	2			pull gun + reel out of water
044 ^d	0756	49	0100	103	3329					BOT #49 drive 1
	0817	49	—	—	—					drive 0 BOT #49 Gun #9 w/AUTOFIRE.
										Pressure down to 1500 PSI - Shut
										down #12 to bulge w/ Air
	0831	49	163	0168	3184					Gun #12 online

LINE 02-A-1

FZ-ANT

SEISMIC RECORDING LOG

PAGE 8

CRUISE EW9201

AREA _____

DSS240 single CHANNELSSHIP R/V EWING

AND SHIP _____

LINE NUMBER FZ-ANTLINE TYPE SCS

SOURCE _____

* carried over: gun #12 only

BOT#49: 0441 07562 61000 spt 0004

DAY J 044	TIME GMT 0756	TAPE # BOT#49	FILE # 0001	SHOT # 000004	DEPTH (3261)	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
044		* 49				12	2			
044	1536	#49	2287	002290	3719	12	2			EOT #49 drive 0
044	1536	#50	2288	002291	"					BOT #50 drive 1
044	2312	#50	4574	4577	—					EOT #50 " "
044	2312	#51	4575	4578	—					BOT #51 drive 0 Both guns working w/ 2200k
044	2333									PSI 1680
044	2349		4759	4752						Gun #9 turned off. (deactivation did not work)
045	0000		4810	4813						Gun #9 turned off ✓ back on after 10 min
045	0044									PSI 1760
045	0104									PSI 1690
045	0120	#51	5202	5205	—					Both guns off line - maintenance PSI 1670
045	0118	#51	5202	5205						EOT #51 TESTING LABEL PROGRAM.
045	0258	52	5204	5209	4270	13	2	10	0	SYSTEM RESTARTED TAPE # 52
045	0323									PSI 1800 LINE NAME = "FZ-ANT1"
045	062050	52	6137	6142	3932					both guns taken off-line. pressure @ 1780 psi
045	0728	52	6445	6450	4131					both guns back on line (1972 psi) (NEW PUMP)
045	1114	52	7489	7494	3998	13				EOT 52 drive 0
	1114	53	7490	7495	"	13	2			BOT 53 drive 1
045	1941	53	9776	9781	4380	13	2			EOT 53 drive 1
	1941	54	9777	9782	—	13				BOT 54 drive 0
046	0228		1718	1172	4374.5	13	2			'New block error' reset program PSI 1960
046	0345	#54	2064	12068	4511.7	13	2			EOT #54 Drive 0
046	0345	#55	2065	12069	4511.7	13	2			BOT #55 Drive 1
046	1200	#55	4351	14355	4615.0					EOT 55

SEISMIC RECORDING LOG

PAGE 9CRUISE EN 9201AREA (PAC-ANT Ridge)DSS240 single CHANNELSSHIP R/V EWING

AND

SHIP _____

LINE NUMBER FZ-ANTLINE TYPE SCS

SOURCE _____

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
046	1201	#56	4352	014356	4615.0	13	2			BOT # 56 drive ϕ (guns #9 + #12 are on)
	1701									gun #9 not fire 1X
046	2030	#56	6638	016642	3520					EOT #56
		#57	6639	016643		13	2			BOT #57
047	0431	#57	8925	18929	3770.1					EOT #57 drive 1
047	0431	#58	8926	18930	"	13	2			BOT #58 drive ϕ
047	1247	#58	1213	21216	3989.8	13	2			EOT #58
047	1247	#59	1214	21217	"	13	2			BOT #59 drive 1
047	2100	#59	3500	23503	3397					EOT #59 drive 1
"	"	#60	3501	23504	"					BOT #60 drive ϕ
048	0322									PSI 1960
048	0518	60	5787	25790	3288.6					EOT #60 drive ϕ
048	0518	61	5788	25791	3288.6					BOT #61 drive 1
048	1333	61	8074	28077	3054.2					EOT #61
"	"	62	8075	28078	"					BOT #62 drive ϕ
048	2200	62	0362	30364	3042.5					EOT #62
"	"	63	0363	30365	- " -					BOT #63
048	2230	63	0574	30576						EOT #63
051	0841	064	0001	35594	3481.1	13	2			guns back on line
051	1656	064	2287	37880	4246.7	"	"			BOT #64 <u>PAC-02</u> drive ϕ (first 49 files empty) POWER supply
051	1656	065	2288	37881	4246.7	"	"			EOT #64
052	0111									BOT #65 drive 1
052	0112	065	4574	40167?	3797	13	2			"No block" error re set
052	0112	066	4575	40168?	3797					"No block" corrupted sp Number Eot 65
										BOT 66

SEISMIC RECORDING LOG

PAGE 10CRUISE EwingAREA Pac-Ant RidgeDSS240 Single CHANNELSSHIP R/V EwingAND SHIP LINE NUMBER FZ-ANTLINE TYPE ESSOURCE

DAY J	TIME GMT	TAPE #	FILE #	SHOT #	DEPTH	POP RATE SEC	SAMP RATE MSEC	REC LEN SEC	DEL SEC	COMMENTS
052	0112	0660	4575	*40168?	3797	13	2			Bot #660 * No block counted No (recalc with file #)
	0928	066	6861	42454	4500					EOT #66
	0928	067	6862	42455	4500					Bot #67 drive 1
052	1755	067	9148	44741	4870	13	2			EOT #67
052	1755	068	9149	44742	- " -					Bot #68
053	0159	068	1436	047028	3948					EOT #68
053	0159	#69	1437	47029	3948	13	2			Bot #69
053	1039	#69	3723	49315	4000					EOT #69
053	1039	70	3724	49316						Bot #70 drive 1
053	1930	70	6010	51602						EOT #70
053	1930	71	6011	51603						Bot #71
054	0245	#71	8297	53889	5093.7	13	2			EOT #71 drive 1
054	0245	#72	8298	53890	5093.7	"	"			Bot #72 drive 1
	1101	72	0585	56176	?					EOT #72 "
	1101	73	586	56177	?					Bot #73 drive 1
054	1154	73	0828	00000	4845	"	"			" * NAV BLOCK INCOMPLETE " error; program restored
054	1930	73	2872	58463	4803	13	2			EOT #73
"	"	74	2873	58464	- " -	"	"			Bot #74
055	0332	#74	5159	60750	4097.4	13	2			EOT #74 0
055	0332	#75	5160	60751	4097.4	"	"			Bot #75 1
055	1148	#75	7446	63037	5028.3	"	"			EOT #75
055	1148	#76	7447	63083	5028.3	"	"			Bot #76 drive 0
055	1200	#76	9733	65324	5223	"	"			EOT #76 drive 0
"	"	#77	9734	65325	5223	"	"			Bot #77 drive 1

