



DIGICON

OBSERVER'S LOG

LINE: 89-01 JOB NUMBER: 5378 Page 1 of 4
 CLIENT: G.S.C. VESSEL/PARTY: IN V. GEOTEIDE 512
 PROJECT/AREA: Vancouver Is. OBSERVERS: Jim Klumbers.
 DATE: 9/14/89 TYPE OF LINE: 2.0

DSS-240 DIGITAL RECORDING PARAMETERS

Sample Interval (msecs) 1 2 4
 Record Length (secs) 4 6 8 10 Other 14 Sec
 Number of Seismic Channels 96 120 240 Other 141
 Compass Readings Recorded Yes No
 Demultiplexed 6250 bpi Tape Format SEGY Other _____
 Low Cut Filter 3 Hz at 6db/Octave 80 Hz at 72db/Octave
 8 Hz at 12db/Octave 160 Hz at 72db/Octave
 12 Hz at 12db/Octave 320 Hz at 72db/Octave
 High Cut Filter _____

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 244
 Shotpoint Interval (meters) 12.5 25.0 50 Other _____
 First SP 100 Last SP 1938
 Navlog Tape ID# N/A Trace# N/A
 Primary Nav System STAR FIV
 Secondary Nav System SAT. NAV.

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 35 ft + 5ft
 Specified Array Volume (cu.ins) 7800
 Specified Array Pressure (psi) 1900

COMMENTS

Add 2ft to Source depths
 No Ray tape due to bad
 tape drives.

LINE COMPLETE? YES NO

FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
						BAD TRS @ SOL: _____ LOCAL TIME: _____ GMT TIME: <u>13.41.</u>
						MEAN RMS CABLE NOISE @ SOL: <u>1135</u> SEA STATE: <u>5ft swell.</u>
						Noise test / Slight turn at haul.
						Noise Siles.
						S.O.L. F.A. 114.11 Cupdy 161 meters
						Source 7800/1500 psi. Gyrodepths
						Gun # 20 Auto Sizing replace with gun # 10.
						Gun # 19 Auto Sizing, Replace with gun # 9.
						Source 7800/1900 psi.
						Compass # 2 Spikings
						Compass # 2 has pedn Shut down Sour
						Spikings at Shotpoint S.P. 131.
						Westerly boat, 2 miles off S forward
						Port beam.
						F.A: 116.68, W.d: 151 meters.

AF: AUTOFIRE
 BE: BUFFER ERROR
 BS: BROADSIDE TO CABLE
 CAD: CABLE DEPTH
 EOL: END OF LINE
 EOF: END OF TAPE
 FA: FEATHER ANGLE
 FF: FIRST FILE
 FSP: FIRST SHOTPOINT
 GUD: GUN DEPTH
 H/T: HEAD TO TAIL OF CABLE
 IF: INCOMPLETE FILE
 LF: LAST FILE
 LSP: LAST SHOTPOINT
 MON: CAMERA MONITOR
 NAV: NAVIGATION
 SH: SHIP HEADING
 SR: SHOT RECORD
 SOL: START OF LINE
 SOT: START OF TAPE
 T/H: TAIL TO HEAD OF CABLE
 TE: TAPE ERROR
 TR: TRACE
 WD: WATER DEPTH



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FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
113	209	132				Eot
14.	209	133				Sot FA=19.92, W.D.: 80 meters.
225	319	133	✓	5		Eot TE005
226	320	134				Sot FA=+3.97° wd=96meters Source 7800/1950
373	367			6		Navy Vessel Running Parallel TH of cable CPA 2mls
300	394			7		Another Navy Vessel At High speeds Parallel of cable. TH
306	400			8		Gun # 29 Asp
20	414			4		Second Navy Vessel on Port beam 1 mile.
336	430	134				Eot
337	431	135				Sot FA=-2.57° wd=128m Source 7800/1950
47	541	135				Eot
48	542	136				Sot FA=-2.70° wd=170m Source 7800/1950
521	615			10		Eathewriter off line.
558	652	136				Eot
559	653	137				Sot FA=-1.59° wd=167m Source 7800/1950
605	699			11		Sona buoy deployed.
615	709			12		Deactivated gun's 9+10. Source 7640/1950
723	717			13		Disregard gun DI's 1+2. Deactivated. Soda buoy tangled in Port outboard gun string.
730	724			14		Soda buoy deployed again.
749	743	137				Activated gun 9+10 and Port outboard D.I's. Source 7800/1950
769	763	137				Eot
770	764	138				Sot FA=-2.75° wd=144meters Source 7800/1950
780	814			16		Error cable depth caused by Swell.
781	874	138				Eot
891	875	139				Sot FA=-4.01° wd=125m Source 7800/1950
	985	139				Eot



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FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
892	986	140				Sot FA = -2,99° wd=128meters Source 7800/1950 Eot
002	1096	140				Sot FA = -6.08° wd=130meters Source 7800/1950 Eot
003	1097	141				Sot FA = -8.70° wd=131meters Source 7800/1950 Eot
113	1207	141				Sot FA = -7.30° wd=136meters Source 7800/1950 Eot
114	1208	142				Picking up speed to avoid Fishing boat by tail of cable.
224	1318	142				TE002
225	1319	143				TE001
282	1376			17		TE002
288	1382			18		TE001
301	1395			19		TE002
315	1409			20		TE001
320	1414	143		21		Altms due to Tape Errors
321	1415	144				Sot FA = -6.80° wd=167meters Source 7800/1950 bringing speed down. clear of Fishing boat
335	1429			22		Eot
431	1525	144				Sot FA = -4.43° wd=161meters Source 7800/1950 Eot
432	1526	145				Sot FA = -3.79° wd=589meters Source 7800/1950 Eot
542	1636	145				Sot FA = -2.95° wd=574meters Source 7800/1950 Eot
651	1745	146		23		cable depths erratic due to sea state. winds 16 to 20 Seas 4 to 6 Eot
653	1747	147				Sot FA = -2.95° wd=574meters Source 7800/1950 Eot
761	1855	147		24		winds and seas building. Picking up Random Sea Noise - On cable. cable depths in and out of spec. Eot
764	1855	147				Sot FA = -4.45° wd=655meters Source 7800/1950 Eot
765	1859	148				Noise on head of cable caused by seas pushing boat OFFLINE.
835	1929			25		

