



DIGICON

OBSERVER'S LOG

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 144
 Compass Readings Recorded Yes No
 Demultiplexed 6250 bps Tape Format SEGY Other _____
 Low Cut Filter _____ High Cut Filter _____
 3 Hz at 6db/Octave 8 Hz at 12db/Octave 12 Hz at 12db/Octave
 80 Hz at 72db/Octave 160 Hz at 72db/Octave 320 Hz at 72db/Octave

LINE: 89-09A
 CLIENT: Canada
 PROJECT/AREA: Vancouver
 DATE: 9/8/88

G.S.C.
 VESEL/PARTY: M/V Geo Tide
 OBSERVERS: Jim Klumass

JOB NUMBER: 5378
 TYPE OF LINE: 2D

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 236°
 Shotpoint Interval (meters)
 12.5 25.0 50 Other _____
 First SP 2305 Last SP 1510
 Navig Tape ID# 2 Trace # 141
 Primary Nav System STAR FIX
 Secondary Nav System DATA MAX.

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 3577 ± 577
 Specified Array Volume (cu.ins) 7500
 Specified Array Pressure (psi) 1500

COMMENTS

Add 2ft to Source depths.
 # Single trace on 141
 # Bad D.I. at Bird 4.

LINE COMPLETE? YES NO
 Circle for cable balance.

FILES SHOTPOINTS REEL # TE REM # BAD FILE

FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
001						
002		002				
006	2305					Noise test / Run with filter setting 3/80. Noise files S.O.L. F.A: +3.15, W.d. 46 meters. Source 7800 / 1900psi. Bird 8 vidings ligh. Bad D.I. at 4. Auto Side at S.P. 2286 Gun # 40 Gun 18 Evulvic deactivated. Activate 8. Source.
71	2240					F.A: +0.65 W.d. 53 meters.
87	2224					Gun # 40 Auto Side at S.P. 2224.
101	2210			2		Gun # 40 Auto Side at S.P. 2210. Activate gun 10.
113	2198	002				Source 7820 / 1900psi. Cat
114	2197	003				Sot. F.A: +1.23, W.d. 67 meters.

COMMENTS

LOCAL TIME: GMT TIME: 0820
 BAD TRS @ SOL: 9.44 SEA STATE: 6 Smooth swell

AF: AUTOFIRE
 BE: BUFFER ERROR
 BS: BROADSIDE TO CABLE
 CAD: CABLE DEPTH

EOL: END OF LINE
 EOT: END OF TAPE
 FA: FEATHER ANGLE
 FF: FIRST FILE

FSP: FIRST SHOTPOINT
 GUD: GUN DEPTH
 HIT: HEAD TO TAIL OF CABLE
 IF: INCOMPLETE FILE

LF: LAST FILE
 LSP: LAST SHOTPOINT
 MON: CAMERA MONITOR
 NAV: NAVIGATION

SH: SHIP HEADING
 SR: SHORT 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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OBSERVER'S LOG

LINE: 89-04A CLIENT: G.S.C JOB NO.: 5378

FILES	SHOTPOINTS	REEL#	TE	REM #	BAD FILE	COMMENTS
	2123					F.A: +3.89 w.d. 85 meters.
226	2085	003	X	2	I 9088	Cot. Test
227	2084	004				S.O.T. F.A: +5.57, w.d. 97 meters.
241	2070			3		Shut down guns at S.P 2070 for noise silos w.d. 100 meters.
283	2028			4		Gun # 33 Evradic activate gun # 3
336	1975			5		Source 3520/1900 psi. De play sonar buoy at SP 1975.
337	1972					Sonar buoy hung on cable. Has brake loose on cable.
338	1973	004				Cot
337	1972	005				Sot. F.A: +1.82, w.d. 116 meters.
376	1935					F.A: +1.012, w.d. 120 meters.
	1885					F.A: +0.45, w.d. 123 meters.
450	1861	005				Cot
451	1460	006				Sot. F.A: +0.274, w.d. 123 meters.
456	1815			7		146 meters test on line detector current. Beginning of brake on line. Band on cable markings is very dense. Length of cable. Balance all 55
511	1800					F.A: +0.06, w.d. 125 meters.
544	1767					K.C. - 026 test on line
562	1749	006				Cot
563	1748	007				Sot. F.A: -4.59, w.d. 134 meters.
625	1686					Good 10 Auto FIRE Gun. 7500 PSI. Fire
	1681					Butch's message left. Mixed and on both engines.



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OBSERVER'S LOG

LINE: 58-05A CLIENT: GSC JOB NO: 5378

FILES	SHOTPOINTS	REEL#	TE	REM #	BAD FILE	COMMENTS
636	1675					F.R.-290 W.D.: 141 meters.
	1665			9		Ship Survey off STB Bow! Steaming down to let him close Bow!
674	1637	001			IX 014	Cat
675	1636	004				Sat FA-162 Gnd: 148 meters.
680	1631			10		Ship Survey 1630 'shot down cross Gun Noise
						Sat W.D. 145 meters - missed 3 shots
						due to crew not aware
659	1630			11		Ship Bowles dead ahead
						Bow 8 still following target 25 ft.
739	1520					Eel
						Gnd 1247
						LSP-1570 / LF 739 to S wd. 16-3 Buckles
						FA-012, Survey. 7800/9000 M/N. 5.31 hours
						Incomplete due to cable failure

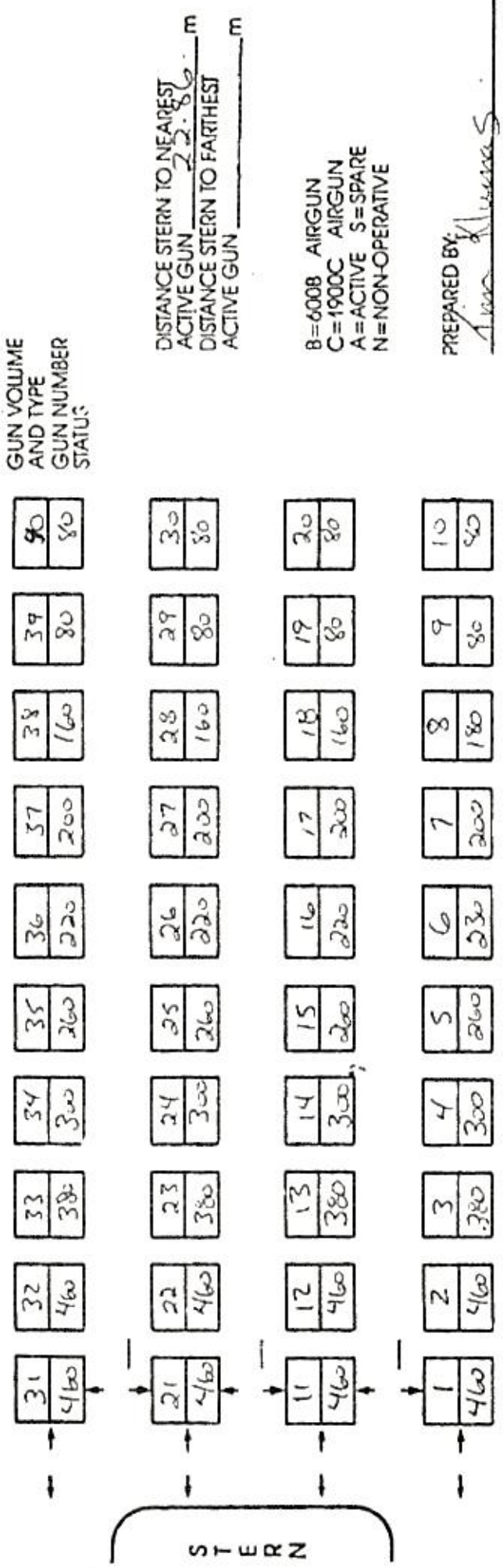


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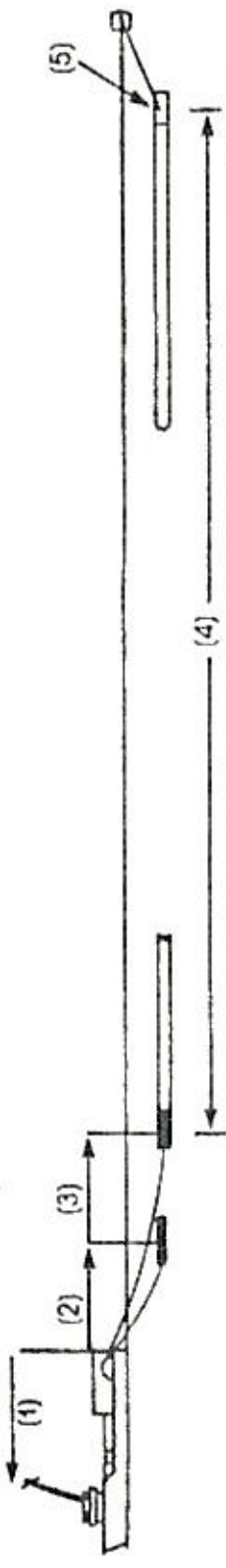
ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

CLIENT: G.S.C. JOB NUMBER: 5378
 PROJECT/AREA: Vancover VESSEL/PARTY: M/V Geo Tide S17
 DATES: _____ CHECKED BY: _____

ALL DISTANCES IN METERS
 (3 2808 FEET = 1 METER)



- (1) DISTANCE PRIMARY ANTENNA TO STERN 28.46 m (2) DISTANCE STERN TO CENTER OF GUN ARRAY 33.53 m
 - (3) CENTER OF GUN ARRAY TO CENTER OF NEAR GROUP 193.3 m (4) NEAR TO FAR GROUP CENTERS DISTANCE 36.12 m
 - (5) DISTANCE TAIL BUOY TO CENTER OF LAST ACTIVE GROUP 338.5 m
- GROUP INTERVAL 6.25 12.50 25.0 OTHER _____ m NUMBER OF NEAREST ACTIVE CAN 36



LEAD IN _____ m
 TIE-OFF TO STERN DISTANCE 0 m
 TOTAL LENGTH OF PASSIVE SECTIONS 229 m

COMPOSITION OF PASSIVE SECTIONS
 (37) 100m coil compass (38) stretch 50m
 (39) 7.5 m. Buoy.

PREPARED BY: [Signature]

DEPTH TRANSDUCER	DIGITAL CAN
1	2
2	4
3	8
4	16
5	32
6	64
7	128
8	256
9	512
10	1024
11	2048
12	4096
13	8192
14	16384
15	32768
16	65536
17	131072
18	262144

