DIGICON

OBSERVER'S LOG

LINE: 89-03
CLIENT: G.S.C
PROJECT/AREA: VAN I. Margin
DATE: 9/12/89

JOB NUMBER: 5378
VESSEL/PARTY: Geo Tide 517
OBSERVERS: Lambert, T
TYPE OF LINE: 2D Streamer

DSS-240 DIGITAL RECORDING PARAMETERS

Sample Interval (msecs) ☐ 1 ☐ 2 ☑ 4
Record Length (secs) ☐ 4 ☐ 6 ☐ 8 ☐ 10 Other 14
Number of Seismic Channels ☐ 96 ☐ 120 ☐ 240 Other 144
Compass Readings Recorded ☑ Yes ☐ No
Demultiplexed 6250 bpi Tape Format ☑ SEGY Other

Low Cut Filter
☑ 3 Hz at 6db/Octave
☒ 8 Hz at 12db/Octave
☐ 12 Hz at 12db/Octave

High Cut Filter
☑ 80 Hz at 72db/Octave
☐ 160 Hz at 72db/Octave
☐ 320 Hz at 72db/Octave

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 232.5°
Shotpoint Interval (meters)
☐ 12.5 ☐ 25.0 ☑ 50 Other
First SP 1102 Last SP
Navlog Tape ID# 004 Trace # 141
Primary Nav System Star Fix
Secondary Nav System Sat Nav

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 35'
Specified Array Volume (cu.ins) 7820
Specified Array Pressure (psi) 1900

COMMENTS

Add 8 Ft. to water depth.
Add 2 Ft. to gun depths.
3 gun D.I inacurate.
Cable D.I At Section #4 Innacurate.

LINE COMPLETE? ☐ YES ☒ NO
Instrument problems.

FILES		SHOTPOINTS		REEL #	TE	REM #	BAD FILE	COMMENTS
								TR #15 Spiking
				092				BAD TRS @ SOL: 45,46,104,111 P/F's LOCAL TIME: GMT TIME: 0626
								MEAN RMS CABLE NOISE @ SOL: 5.81 mbs. SEA STATE: W 10 to 15 knts S 3 to 4 Ft
001								Acoustic Noise test / High n/a due to turn in tail of cable.
002	005							Noise Files
006		1102						SOL cad= 33'-37' wd= 233 meters gud= 27'-34'
								FA= -0.30° Source= 7800 / 1950
064		1044				1	BE00E0	Buffer Errors
070		1038		092		2	BE00E0	Alt Mag
071		1037		093				Sot
						3	BE00E0	Buffer Errors every other shot.
				093		4		Alt Mag
079		1029		094		5		Nav Log off line.
083		1024		094				Alt Mag
084		1023		095				Sot
94		1013				6		Buffer errors every other shot, Incomplete files every other shot.

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
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: 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

DIGICON

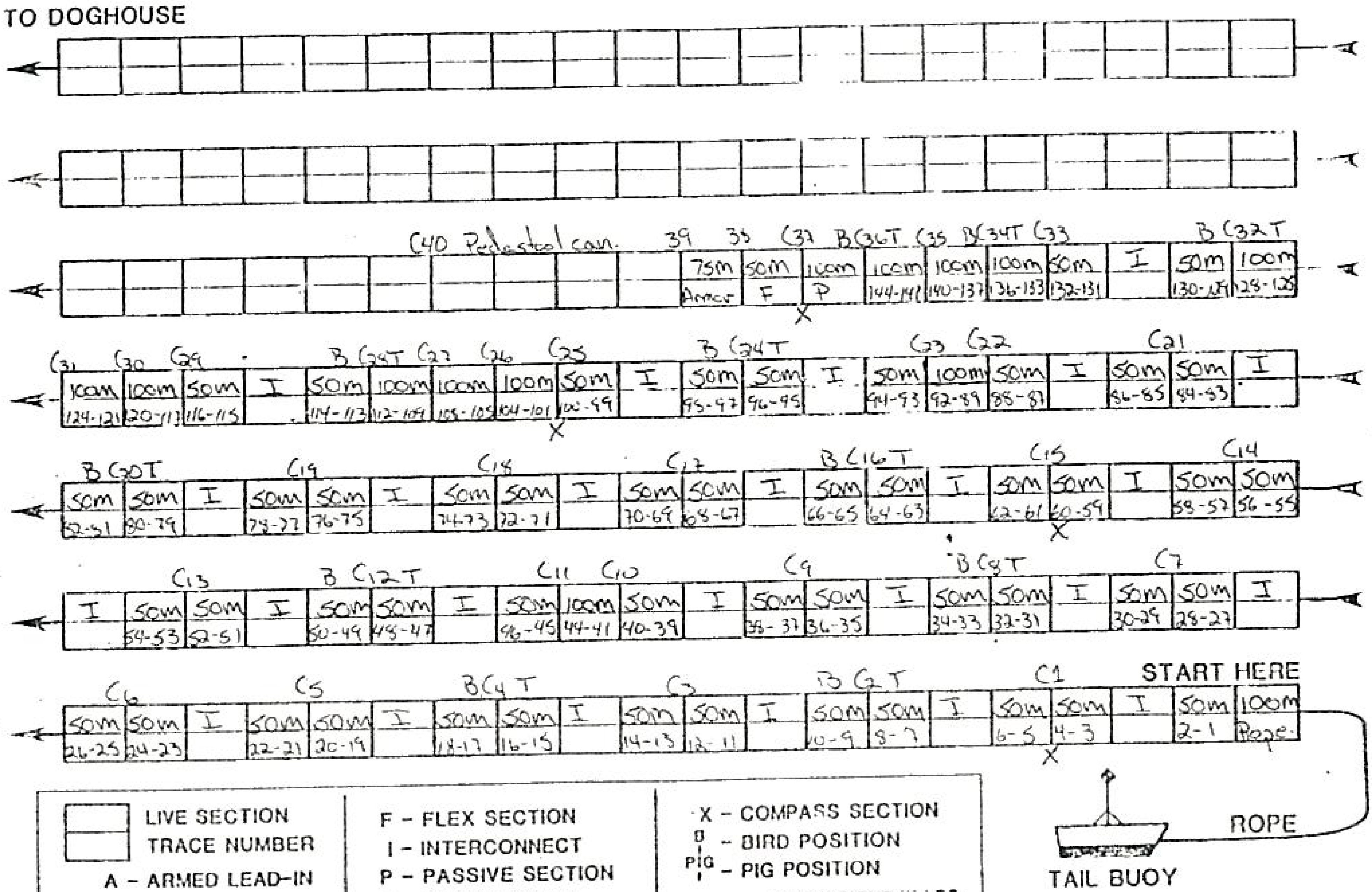
LINE: 89-03. CLIENT: G.S.C. JOB NO.: 5378

OBSERVER'S LOG

FILES		SHOTPOINTS		REEL#	TE	REM #	BAD FILE	COMMENTS
68		1040						EOL Gmt: 06.50
								Lsp1040, L868, Lv92, f.a +1.49
								W.d. 245 meters. Source: 7800/1900psi.
								No m/Noise Instrument problems.
								Line Incomplete.

STREAMER DIAGRAM

digicon geophysical corp.



LIVE SECTION
TRACE NUMBER

A – ARMED LEAD–IN
C – CANNISTER

F – FLEX SECTION
I – INTERCONNECT
P – PASSIVE SECTION
T – TRANSDUCERS

X – COMPASS SECTION
B – BIRD POSITION
PIG – PIG POSITION
*PIG WEIGHT IN LBS.

DIGICON

CLIENT: G.S.C.
PROJECT/AREA: Vancouver
DATES: ____

JOB NUMBER: 5378
VESSEL/PARTY: M/V GeoTide 517
CHECKED BY: ____

ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

ALL DISTANCES IN METERS
(3.2808 FEET = 1 METER)

31	32	33	34	35	36	37	38	39	40	GUN VOLUME AND TYPE
460	460	380	300	260	220	200	160	80	80	GUN NUMBER STATUS
21	22	23	24	25	26	27	28	29	30	
460	460	380	300	260	220	200	160	80	80	
11	12	13	14	15	16	17	18	19	20	
460	460	380	300	260	220	200	160	80	80	
1	2	3	4	5	6	7	8	9	10	
460	460	380	300	260	230	200	180	80	80	

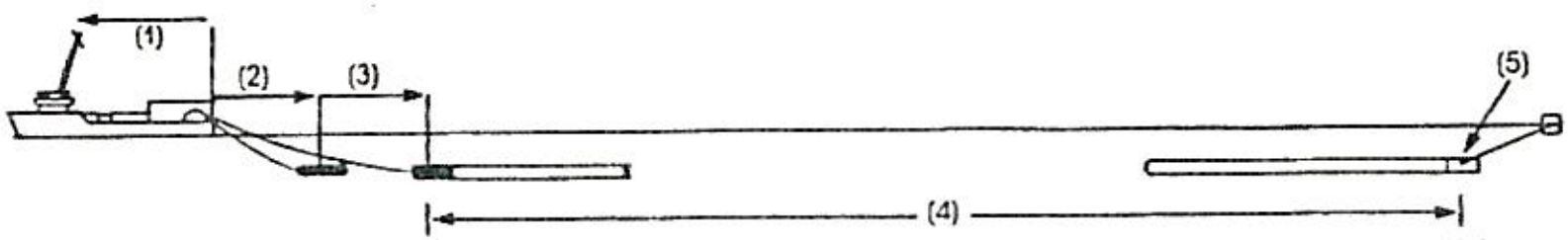
STERN

DISTANCE STERN TO NEAREST ACTIVE GUN 22.86 m
DISTANCE STERN TO FARTHEST ACTIVE GUN ____ m

B=600B AIRGUN
C=1900C AIRGUN
A=ACTIVE S=SPARE
N=NON-OPERATIVE

PREPARED BY: Tim Klumas

(1) DISTANCE PRIMARY ANTENNA TO STERN 28.48 m (2) DISTANCE STERN TO CENTER OF GUN ARRAY 33.53 m
(3) CENTER OF GUN ARRAY TO CENTER OF NEAR GROUP 197.3 m (4) NEAR TO FAR GROUP CENTERS DISTANCE 3612 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
TIE-OFF TO STERN DISTANCE Ø m.
TOTAL LENGTH OF PASSIVE SECTIONS 229 m

COMPOSITION OF PASSIVE SECTIONS
(37) 100m coil, Compass, (38) Stretch 50m.
(39) 75 m. Remote.

PREPARED BY: Tim Klumas

12	11	10	9	8	7	6	5	4	3	2	1	
								37	25	15	1	COMPASS ●
												DIGITAL CAN ●

18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
																		DEPTH TRANSDUCER
							36	34	32	28	24	20	16	12	8	4	2	DIGITAL CAN ●