DIGICON

OBSERVER'S LOG

LINE: 89-17
CLIENT: G.S.C.
PROJECT/AREA: Vancouver Island Margin
DATE: 9/13/89

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 Secs
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) 332.2
Shotpoint Interval (meters)
☐ 12.5 ☐ 25.0 ☑ 50 Other
First SP 0000/482 Last SP 39
Navlog Tape ID# N/A Trace # N/A
Primary Nav System STARFIX
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 inacurate.
No NAV Log Tape on this Line.

LINE COMPLETE? ☑ YES ☐ NO

1 second delay on single trace.
Cable in turn during noise files.

FILES		SHOTPOINTS		REEL #	TE	REM #	BAD FILE
				127			
001	004						
005		482					
						1	
						2	
						3	
036		452				4	
042		446				5	
113		375		127			
114		374		128			
225		263		128	✓	6	
226		262		129			
336		152		129			
337		151		130			

COMMENTS

TD #15 spiking.
BAD TRS @ SOL: 45, 46, 104-111 P/FS LOCAL TIME: GMT TIME: 2135
MEAN RMS CABLE NOISE @ SOL: No n/a SEA STATE: W S CALM

Noise Files
Sol cad=22'-38' wd=764 meters gud=26'-31'
FA=-1.98° Source=7800/1950
Cable depths on tail of cable out of spec due to turn.
Navigation sps incorrect until sp 475.
Starting sp# is 0000 on tape.
Cable depths in spec.
Sonra buoy deployed.
Eot
Sot FA=+5.51° wd=1260 meters. Source 7800/1950
Eot TEoo1 IF 048
Sot FA=+3.46° wd=1306 meters Source 7800/1950
Eot
Sot FA=+1.39° wd=1210 meters Source 7800/1950

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: 89-17 CLIENT: G.S.C JOB NO.: 5378

OBSERVER'S LOG

FILES		SHOTPOINTS		REEL#	TE	REM #	BAD FILE	COMMENTS
147		041		130				Eot
148		040		131				sot
149		039						0042 EoL FA=+3.31° wd:1089 M Source:7800/1950
150	452							Noise Files
153								Acoustic Noise test m/n 5.58mbs
								Line Complete.

DIGICON

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

JOB NUMBER: 5378
VESSEL/PARTY: M/V Geo Tide 517
CHECKED BY:

ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

ALL DISTANCES IN METERS
(3.2808 FEET = 1 METER)

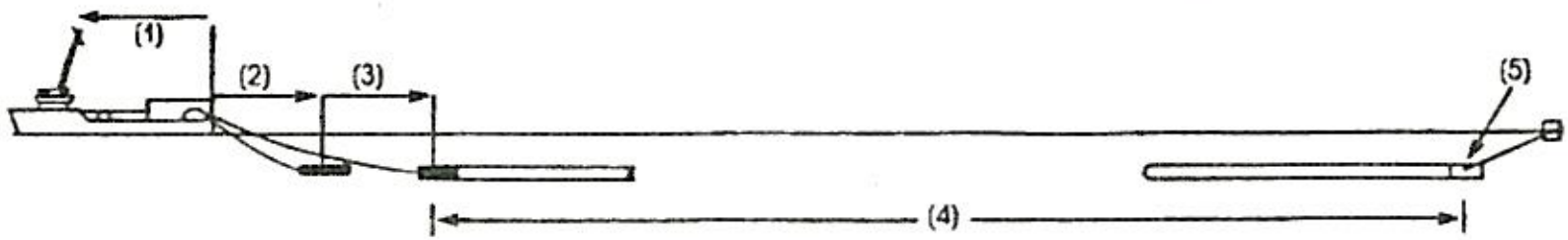
31	32	33	34	35	36	37	38	39	40	GUN VOLUME AND TYPE
460	460	380	300	260	220	200	160	80	80	GUN NUMBER STATUS
21	22	23	24	25	26	27	28	29	30	
460	460	380	300	260	220	200	160	80	80	
11	12	13	14	15	16	17	18	19	20	
460	460	380	300	260	220	200	160	80	80	
1	2	3	4	5	6	7	8	9	10	
460	460	380	300	260	230	200	180	80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

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

) DISTANCE PRIMARY ANTENNA TO STERN 28.48 m (2) DISTANCE STERN TO CENTER OF GUN ARRAY 33.53 m
) CENTER OF GUN ARRAY TO CENTER OF NEAR GROUP 197.3 m (4) NEAR TO FAR GROUP CENTERS DISTANCE 3612. m
) DISTANCE TAIL BUOY TO CENTER OF LAST ACTIVE GROUP 339.5 m
ROUP 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 c.i. Compass (38) Stretch 50m.
(39) 75 m. Power.

PREPARED BY: Tim Klumas

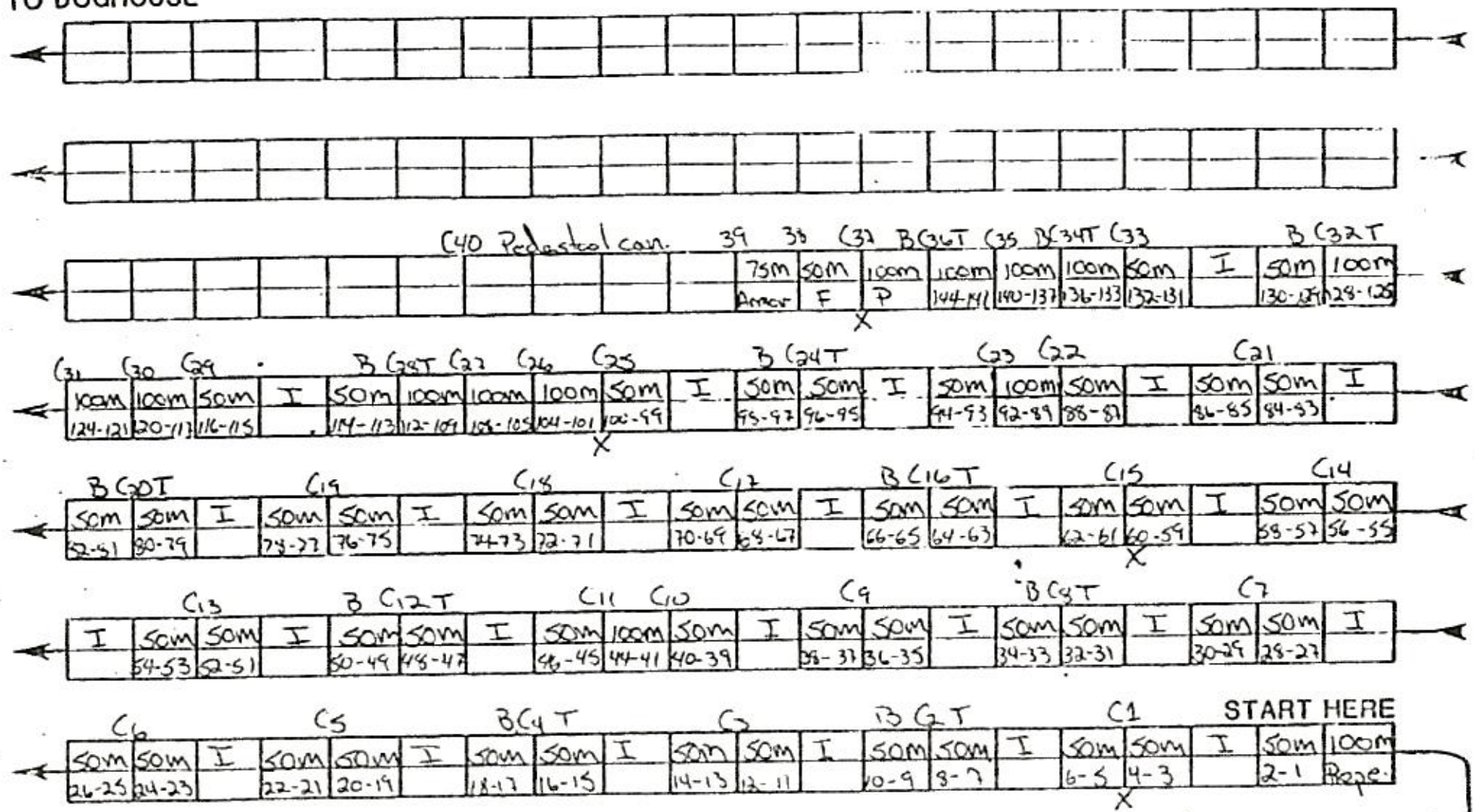
2	11	10	9	8	7	6	5	4	3	2	1	COMPASS •
								37	25	15	1	DIGITAL CAN •

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 •

STREAMER DIAGRAM

digicon geophysical corp.

TO DOGHOUSE



LIVE SECTION	F – FLEX SECTION	X – COMPASS SECTION
TRACE NUMBER	I – INTERCONNECT	B – BIRD POSITION
A – ARMED LEAD-IN	P – PASSIVE SECTION	PIG – PIG POSITION
C – CANNISTER	T – TRANSDUCERS	• PIG WEIGHT IN LBS.