DIGICON

OBSERVER'S LOG

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

JOB NUMBER: 5378
VESSEL/PARTY: M/V GeoTide 517
OBSERVERS: Tim Klemas.
TYPE OF LINE: 2D.

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 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°
Shotpoint Interval (meters)
☐ 12.5 ☐ 25.0 ☒ 50 Other
First SP 1081A. Last SP 100
Navlog Tape ID# 5 Trace # 141.
Primary Nav System STAR FIX.
Secondary Nav System SAT. NAV.

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 35ft ± 5ft.
Specified Array Volume (cu.ins) 7820
Specified Array Pressure (psi) 1900.

COMMENTS

Add 2ft to Source depths.
Single trace on 141

LINE COMPLETE? ☒ YES ☐ NO

FILES		SHOTPOINTS		REEL #	TE	REM #	BAD FILE	COMMENTS
								Phase Faults.
								BAD TRS @ SOL: 45, 46, 104, 114 LOCAL TIME: GMT TIME: 0959
								MEAN RMS CABLE NOISE @ SOL: 7.17 SEA STATE: 3 to 4 ft Swell.
001				93				Noise test.
002	005							Noise files
006		1081						S.O.L. F.A: -0.85, W.d. 346 meters.
	/		/					Source: 7800/1900psi
25		1062			X			tool.
47		1040				1		Last Ashot SP. 1040A, Gmt 1015.
	/		/					F.A: +1.63, Wd 403 meters
103		984						Auto fire gun 19
						2		Gun 19 Auto fire deactivated, Activate
	/		/					gun 9 Source: 7800/1900
	113		974	93				Eot
114		973		94	X			Sot tool, F.A. -1.08, W.d. 664 meters
168		919						F.A: 4.14, W.D: 718 m
207		880						FA: -5.171 WD. 894 METERS

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

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FILES		SHOTPOINTS		REEL#	TE	REM #	BAD FILE	COMMENTS
225		862				x 3		IF 090
~~225~~	225		862	094				EOT F.A: -5.30 W:D 960m
226		863		095				SOT Source 7800 1900 PSI
252		835						F.A: -5.74 W:D 1096 meters.
272		815						F.A: -5.83. W.D 1138 meters
		765						F.A - 6.15, W.d. 1200 meters.
	336		751	95				Eot.
337		750		96				Sot. F.A: -6.02
380		707						WD: 1228m, FA: -4.63
418		669						F.A: -3.16, WD: 1541 meters
433		654						F.A: -2.85, WD 1564 meters
	447		640	96				EOT: F.A. -1.84
448		641		97				SOT: Source 7800 PSI 1900
487		600						F.A -0.75. W.d: 1744 meters.
537.		550						F.A: +0.61, W.d: 2098 M
	558		529	97				EOT
559		528		98				SOT: F.A: +1.15
587		500						F.A: +2.14. W.d 2128m.
		440						FA: +2.50. W.d 2075m.
669		419		98				E.O.T
670		417		99				B.O.T
707		380						F.A: +3.39 W.d 1909 m.
747		340						F.A: +4.97 W.d 2323m.
	780		307	99				Eot.
781		306		100				S.o.t. F.A: +4.03
						4		Swell 4 to 5 ft, occ: 6 ft, making
								cable balance hard to maintain

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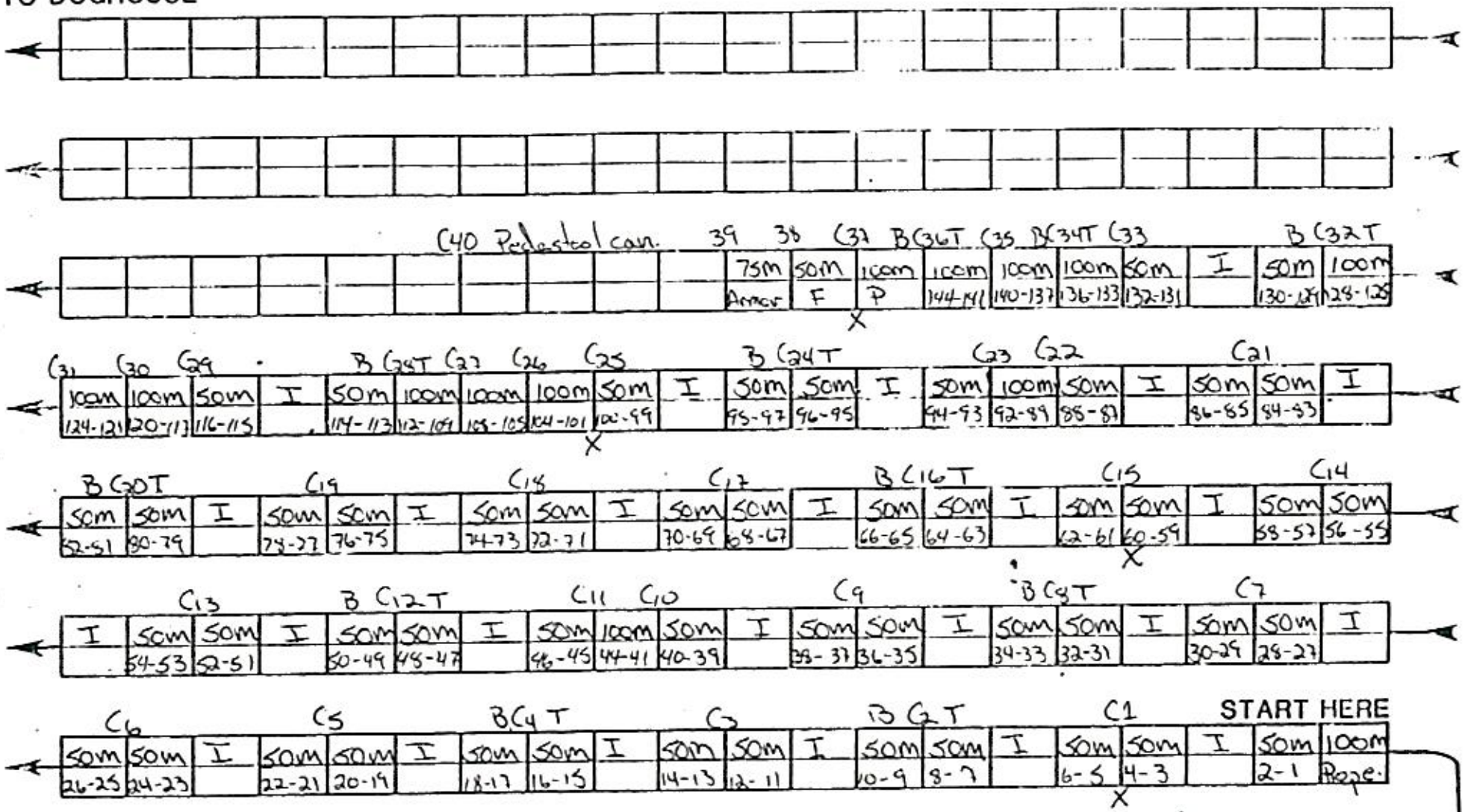
OBSERVER'S LOG

FILES		SHOTPOINTS		REEL#	TE	REM #	BAD FILE	COMMENTS
807		285						F.A: 3.62 W.d 2405 meters.
862		225						F.A: + 2.46. W.d 2466 meters.
	891		196	100				Eot. Teo02
892		195		101				Sot. F.A: +1.61,
893		194			X			Teo01.
916		171						wd 2501 meters, F.A: +0.94.
962		125						wd 2525 meters F.A: +0.33
977		110				5		Gun 32 No fire, Actuate gun #2
	/		/					Source 7800/1900 psi.
987		100						Eol
988	991							Noise Files
992								Noise test.
								E.O.L, Gun 1609
								LSP 100, LS 987 LR 101, F.a -0.28
								w.d 2525 m Source. 7800/1900.
								m/Noise 5.55 hours
								Complete.

STREAMER DIAGRAM

digicon geophysical corp.

TO DOGHOUSE



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 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	

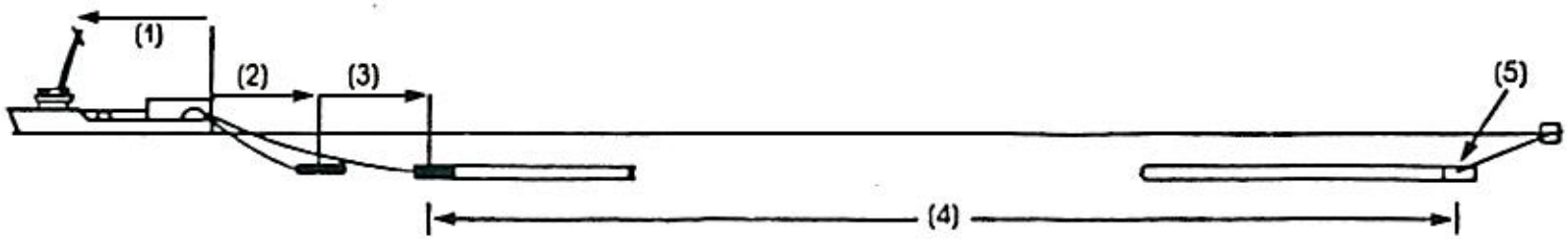
STERN

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 c.l. Compass (38) Stretch 50m.
(39) 75 m. Tower.

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	
							36	34	32	28	24	20	16	12	8	4	2	DEPTH TRANSDUCER DIGITAL CAN •