



LINE: 89-05
 CLIENT: G.S.C
 PROJECT/AREA: V.A. I. Margin
 DATE: 9/13/89

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

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 bpi Tape Format SEGY Other: _____
 High Cut Filter
 3 Hz at 6db/Octave
 8 Hz at 12db/Octave
 12 Hz at 12db/Octave
 320 Hz at 72db/Octave

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 232.8°
 Shotpoint Interval (meters)
 12.5 25.0 50 Other: _____
 First SP 1086 Last SP 100
 Navig Tape ID* ~~1086~~ 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 inaccurate,
 Cable D.I At Section # 4 inaccurate,
 No Navlog tape on this line,

LINE COMPLETE? YES NO

FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	70 #/5 Spacing	COMMENTS
						BAD TRS @ SOL: 45, 46, 108, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150	LOCAL TIME: GMT TIME: 0648
						MEAN RMS CABLE NOISE @ SOL: No rxn	SEA STATE: 5 calm
001	004					Noise Files	
005	1086					Sol cad = 34'-37" w.d. = 452 meters	goal = 26'-32"
45	1056					FA = +4, 45° Source = 7800 / 1950	
85	1016					FA: +1.82, w.d.: 563 meters	
113	988	115				FA +0.558, w.d.: 586 meters	
114	987	116				Eot	
166	935					sol, FA: +0.22 w.d.: 663 meters	
221	880					FA: -2.04, w.d.: 915 meters	
225	876	116	X	1	IF 015	FA - 5.2 w.d.: 988 meters	
226	875					Teool EOT.	
256	845	117		2		S.O.T.	
						Ship (Japanese) heading Star tail buoy.	
						Will not come up on radio. Buoys speed up.	
						to try to locate char of ship.	

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
 SOI: START OF TAPE
 T/H: TAIL TO HEAD OF CABLE
 TE: TAPE ERROR
 TR: TRACE
 WD: WATER DEPTH



OBSERVER'S LOG

LINE: 89-05 CLIENT: G.S.C. JOB NO: 5378

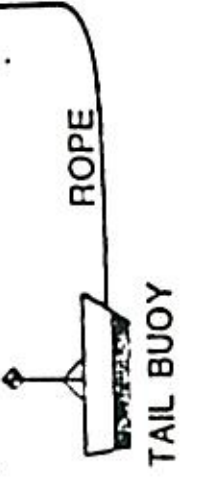
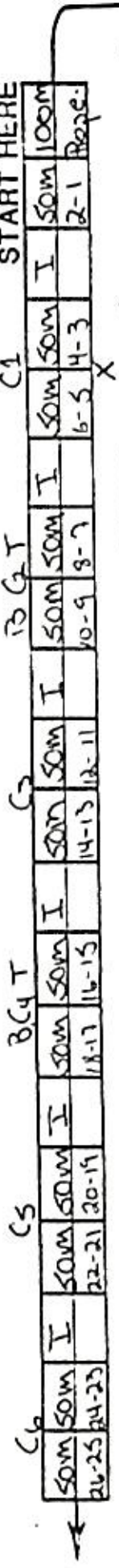
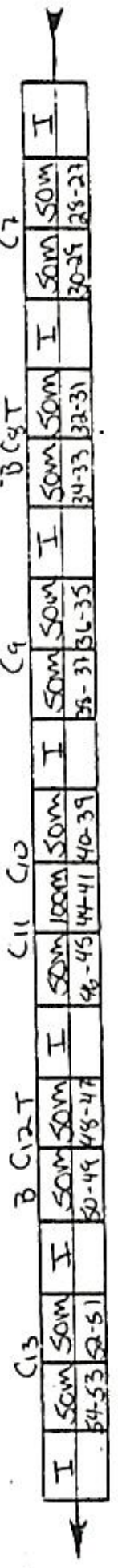
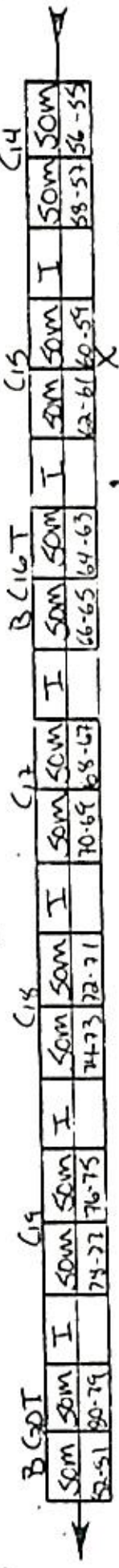
FILES	SHOTPOINTS	REEL#	TE	REM #	BAD FILE	COMMENTS
280	621			3		Ship has turned off Buoy speed back to original speed ship made off Buoy.
286	815			4		Ship 1 mile off Tail Buoy, parallel to cable F.A.: -8.35, W.D.: 1252 meters.
326	775					Eot.
	336	765	112			Set. F.A.: -8.06, W.D.: 1270 meters.
337	766		118			Ship 1/4 mile off PORT BEAM
347	754			5		F.A.: -8.60 W.D.: 1132 meters
381	720					F.A.: -17.62 W.D.: 1336 meters
436	665					Eot.
	447	654	118			Set.
448	653		119			F.A.: -6.279 W.D. 1297 meters
488	613					Gun 14 FIRED Late 300 in in
490	611					Gun 14 FIRED Early 300 in in
499	602					Gun 14 FIRED Late. " Deactivated
524	577					" 4 Activated Source 7800 PSI 1800
524	577					F.A.: -4.704 W.D.: 1701 meters
541	560					E.D.T
	559	543	119			S.O.T W.D. 1971 meters, F.A. -4.97
559	542		120			2 SEC. DELAY F.P.C.
573	528			6		W.D.: 2097 meters, F.A.: -5.15
	510					FREIGHTER 2 1/2 miles PORT Bow
603	498			7		W.D.: 2014 meters, F.A.: -4.19
632	469					EOT
	669	432	120			Set: W.D. 2164 meters F.A. -2.64
770	431		121			F.A. -0.04 W.D.: 2098 meters
741	360					EOT
780	780	320	121			

STREAMER DIAGRAM

digicon geophysical corp.



TO DOGHOUSE



<p>LIVE SECTION</p> <p>TRACE NUMBER</p> <p>A - ARMED LEAD-IN</p> <p>C - CANNISTER</p>	<p>F - FLEX SECTION</p> <p>I - INTERCONNECT</p> <p>P - PASSIVE SECTION</p> <p>T - TRANSDUCERS</p>	<p>X - COMPASS SECTION</p> <p>B - BIRD POSITION</p> <p>PIG - PIG POSITION</p> <p>* PIG WEIGHT IN LBS.</p>
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DIGICON

ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

JOB NUMBER: 5374
VESSEL/PARTY: M/V GeoLine 517
CHECKED BY: _____

CLIENT: G.S.C.
PROJECT/AREA: Vanuatu
DATES: _____

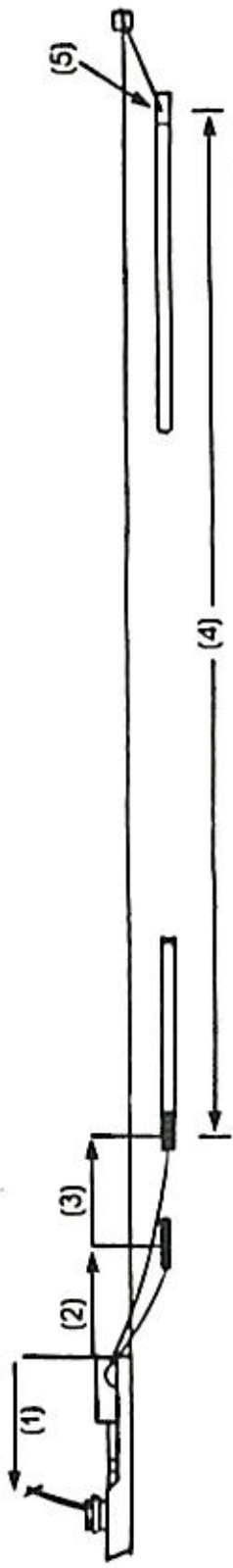
ALL DISTANCES IN METERS
(3 2808 FEET = 1 METER)

GUN VOLUME AND TYPE	GUN NUMBER	DISTANCE STERN TO NEAREST ACTIVE GUN		DISTANCE STERN TO FARTHEST ACTIVE GUN	
		m	ft	m	ft
31	460	31	102	25.86	85
21	460	21	69		
11	460	11	37		
1	460	1	19		
32	460	32	102		
22	460	22	69		
12	460	12	37		
2	460	2	19		
33	380	33	125		
23	380	23	83		
13	380	13	44		
3	380	3	23		
34	300	34	98		
24	300	24	66		
14	300	14	33		
4	300	4	17		
35	260	35	85		
25	260	25	56		
15	260	15	28		
5	260	5	14		
36	220	36	72		
26	220	26	48		
16	220	16	24		
6	220	6	12		
37	200	37	66		
27	200	27	44		
17	200	17	22		
7	200	7	11		
38	160	38	52		
28	160	28	35		
18	160	18	17		
8	160	8	9		
39	80	39	26		
29	80	29	17		
19	80	19	9		
9	80	9	5		

B=6008 AIRGUN
C=1900C AIRGUN
A=ACTIVE S=SPARE
N=NON-OPERATIVE

PREPARED BY: Anna Kluwe

- (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 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 0 m TOTAL LENGTH OF PASSIVE SECTIONS 229 m

COMPOSITION OF PASSIVE SECTIONS
(37) 100m coil compass (38) 5 tech 50m
(39) 75 m. depth

PREPARED BY: Anna Kluwe

DEPTH TRANSDUCER	DIGITAL CAN
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