



DIGICON

OBSERVER'S LOG

LINE: 89-07
 CLIENT: G.S.C.
 PROJECT/AREA: VANCE CROSS IS.
 DATE: 9/5/89

JOB NUMBER:
 VESSEL/PARTY: M/V Green Tide 517
 OBSERVERS: Tina Khumras
 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 High Cut Filter _____
 8 Hz at 12db/Octave 80 Hz at 72db/Octave
 12 Hz at 12db/Octave 160 Hz at 72db/Octave
 _____ 320 Hz at 72db/Octave

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 54
 Shotpoint Interval (meters)
 12.5 25.0 50 Other _____
 First SP 100 Last SP 1323
 Naviglog Tape ID# 3 Trace # 141
 Primary Nav System STARFAX
 Secondary Nav System SRT NAV

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 3551 ± 55
 Specified Array Volume (cuins) 7880
 Specified Array Pressure (psi) 1900

COMMENTS

Mtd 25ft to Source depths.
 D.I. at Bird 4 is bad.

LINE COMPLETE? YES NO

FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
						TR 4546 104 114 COMMENTS
						BAD TRS @ SOL: all Phone Fault LOCAL TIME: GMT TIME: 11.57
						MEAN RMS CABLE NOISE @ SOL: 4.78 SEA STATE: 3 to 4 ft swell
001		024				Noise 1 dead. test on 3H/80ft Filler settings
002						Noise Sites
006	100-					S.O.L. F.A: 13.63 w.d. 2745 meters
						Source: 7800/1900psi. w.d. 2742 meters
51	145					F.A: 16.03 w.d. 2749 meters
86	180					F.A + 8.74 w.d. 2760
113	207					TAPE CHANGE. No Reel # 25
	208	212				No Data TAPE DRIVE FAILURE
117	213					DISCONTINUE NAV LOG FOR SURFIC DATA
	234					WD 2667 mtrs F.A: 4.9
162	258			1		2 second delay added to single trace
182	278					F.A + 4.28 w.d. 2638 meters
214	310			3		F.A: +2.91 w.d. 2625 meters
						Gun 39 Coupled. advance gun, Source 7400/1900

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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JOB NO.: 5378

FILES	SHOTPOINTS	REEL#	TE	REM #	BAD FILE	COMMENTS
229	325	026				Cont.
230	326	027				Sot. F.A.: +3.24 W.D. 2660 meters
253	349					F.A.: +2.18 W.D.: 2652 m
290	386					F.A.: 2.42 W.D.: 2514 meters
330	426					Cont.
342	438	022				Sot. F.A.: +1.99
343	439	028				F.A.: +1.16 W.D. 2085 meters
470	466					Response 2 second delay between Single trace
391	487			5		F.A.: +2.00 W.D. 2263
410	506					Cont.
450	546					Sot.
455	551	028				W.D. 2308 m F.A. +1.63
486	552	029				Cont.
493	589					Sot. W.D. 1522 m F.A.: +1.43
508	664	029				W.D. 1388 meters F.A. +1.03
569	665	030				W.D. 1503 meters F.A. +1.29
613	709					Cont.
653	749					Sot. F.A.: -0.61
681	777	030				W.D. 1366 meters F.A. - .90
682	778	031				W.D. 1418 meters F.A. + .04
693	789					F.A.: +0.62 W.D. 1459 METERS
733	829					Cont.
785	871					Sot. F.A.: +0.76
794	890	031				W.D. 1430 meters F.A. +1.33
795	891	032				
813	909					



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FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS
855	951					F.A. +1.63, W.D. 1314 meters, Source 7820/1750
893	989					F.A. +2.51, W.D. 1309 meters,
907	1003	032				Set.
908	1004	033				Set. F.A. +2.44. W.D. 1314 meters
974	1070					F.A. +3.73, W.D. 1314 meters
1008	1105					F.A. +4.47, W.D. 1178
1020	1116	033				Set
1021	1117	034				Set. F.A. +4.26
1053	1149					W.D. 1044 meters F.A. +4.27
1090	1186					W.D. 992 meters, F.A. +3.96
1133	1229	034				Set
1134	1230	035				Set F.A. +5.33° W.D. 695 meters Source 7820/1750
1246	1342	035				Set
1247	1343	036				Set F.A. +7.65° W.D. 189 meters
1257	1353					1952 Set F.A. = 7.23° W.D. = 169 meters Source 7820/1750
						Work Complete. No 14ja



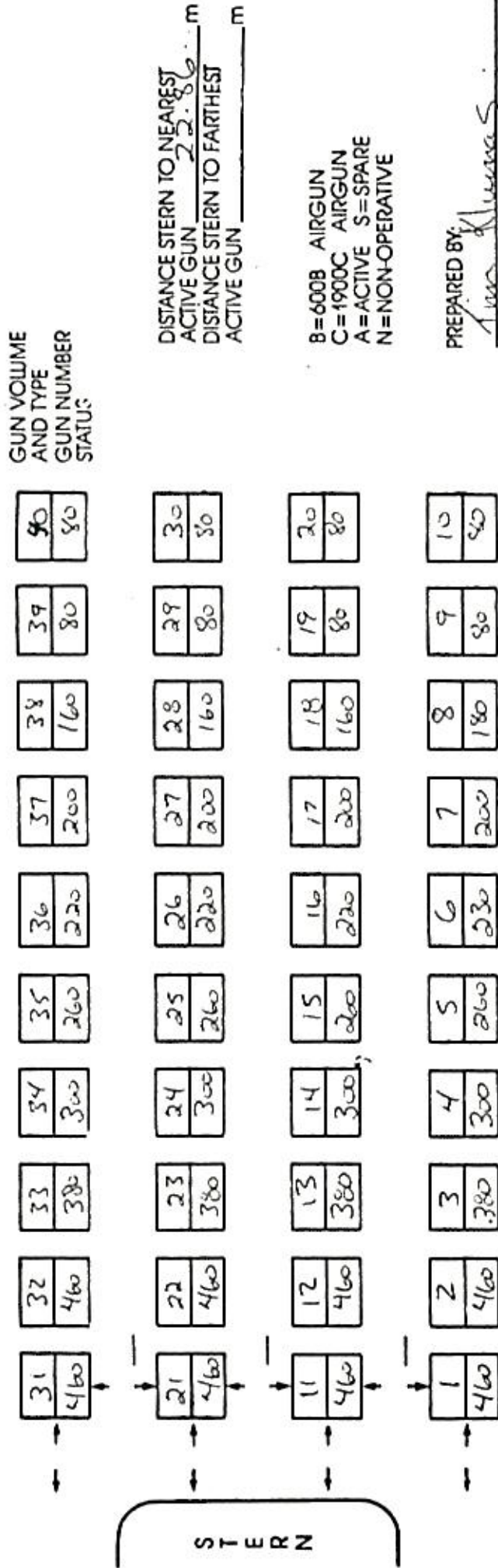
DIGICON

ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

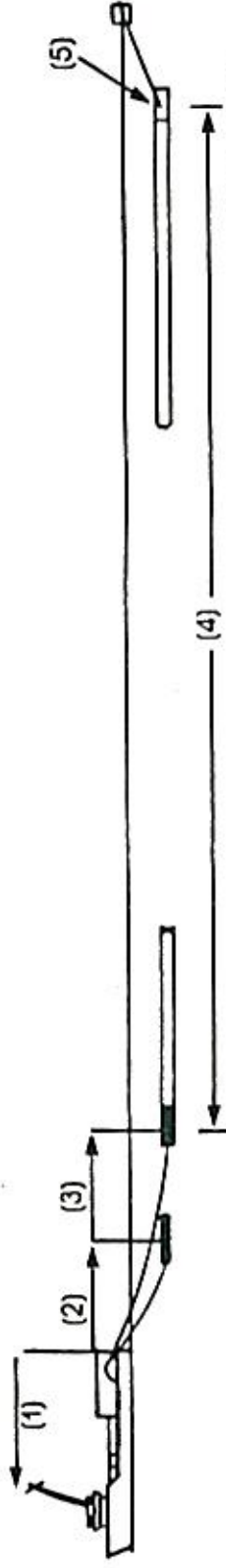
CLIENT: G.S.C.
PROJECT/AREA: Vanuatu
DATES: _____

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

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



TIE-OFF TO STERN DISTANCE 0 m
TOTAL LENGTH OF PASSIVE SECTIONS 225 m

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

PREPARED BY: [Signature]

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