

LINE: 85-11
 CLIENT: G.S.
 PROJECT/AREA: Xmas I, Masjean
 DATE: 9/10/89

JOB NUMBER: 5375
 VESSEL/PARTY: M/V Geo Tide 517
 OBSERVERS: Tim Klumpp
 TYPE OF LINE: 2-D



OBSERVER'S LOG

DSS-240 DIGITAL RECORDING PARAMETERS

Sample Interval (msec) 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 _____ High Cut Filter _____
 3 Hz at 6db/Octave 80 Hz at 72db/Octave
 8 Hz at 12db/Octave 160 Hz at 72db/Octave
 12 Hz at 12db/Octave 320 Hz at 72db/Octave

NAVIGATION PARAMETERS

Direction of Shooting (degrees) 144
 Shotpoint Interval (meters) _____
 --- 12.5 --- 25.0 50 Other _____
 First SP 100 Last SP 438
 Navig Tape ID# Trace # 141
 Primary Nav System STAR FIX
 Secondary Nav System SHIP MAY

SEISMIC SOURCE PARAMETERS

Specified Array Depth (ft) 35 + 5 ft
 Specified Array Volume (cu ins) 1856
 Specified Array Pressure (psi) 1900

COMMENTS

Add 25 to reduce depth
 Single to ocean force 141
 Seismic buoy deployed as per 25

LINE COMPLETE? YES NO

FILES	SHOTPOINTS	REEL #	TE	REM #	BAD FILE	COMMENTS	LOCAL TIME	GMT TIME
						27 Filter Phase Error	45:46:104.114	13:08
						BAD TRS @ SOL	3:26	SEA STATE: 2 Swell
001		51				Noise test		
002	005					Noise Subs		
006	100					S.O.L. FA-577 W.D. 1963 meters		
140						Source: 7800/900' pin Gundepths: 27 to 33 ft		
						W.D. 2172		
						MSDL PRINTER No-op MSDL error		
						PROGRAM ERROR 01 ALL OPERATIONAL		
						EXCERPT PRINTER 8 2 FA		
	175					37/38/37 (32-2) 41/36 C.O.		
						29/30 31/30 29/34 30/32 G.D		
						WD 2210 MTRS F.A. 4.4		
106	200					Cable depths: 35 to 38 ft Gundepths: 26 to 33 ft		
						W.D. 2208 meters F.A. -4.06		
113	207	51				Cof.		

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



OBSERVER'S LOG

LINE: 89-11 CLIENT: G.S.C. JOB NO: 5378

FILES	SHOTPOINTS	REEL#	TE	REM #	BAD FILE	COMMENTS
114	208	52				Sat. FA: 428 Cable depths 36 to 38 ft. Ground depths 27 to 32 ft.
133	227					W.D. 2240 meters I _{ca} - 346 (cable depth) 35 to 39 ft.
156	250					FA: 377 CAD 36 to 38 ft. G.W.D. 26 to 32 ft.
171	265					W.D. 2233 meters, FA - 3.05 CAD 36 to 39 ft G.W.D. 27 to 33 ft
192	286					G.W.D. #10 4470 F.I.R. (80cm) Source 7800 P.S.I. 1900
196	290					Deactivate Gun 10 (80m) Source 7720 PSI 1900
200	294					F.A. - 3.107 CAD 36 to 38 ft G.W.D. 27 to 33 ft
210	304					F.A. - 3.169 W.D. 2255 meters, CAD. 35 to 38 ft (G.W.D. 27 to 32 ft)
225	319	52	X		I 5019	Tecob Cut
226	320	53				Sat: Fa-2.05 CAD 36 to 39 ft G.W.D. 25 to 33 ft
251	345					F.A. - 2.34 W.D. 2270 meters CAD 35 to 38 ft G.W.D. 27 ft
276	370					FA - 1.70 - CAD 35 to 38 ft G.W.D. 27 to 32 ft
290	384					W.D. 2230 meters FA: - 1.48
306	400					CAD 35 to 38 ft G.W.D. 26 to 32 ft
330	424					W.D. 2305 meters FA: - 1.56, G.W.D. 27 to 32 ft, CAD: 34 to 38 ft
336	430	53				End
377	431	54				Sat. FA: - 1.72
394	436					End
						Horse Sides for noise test.
						EOL G.W.D. 15.13
						LSP 438 L.S. 344 L=54 Sa-189
						W.D. 2305 meters Source: 7720/1900.
						m/Noise 3.10 Complete
						CAD. 35 to 38 ft G.W.D. 26 to 32 ft

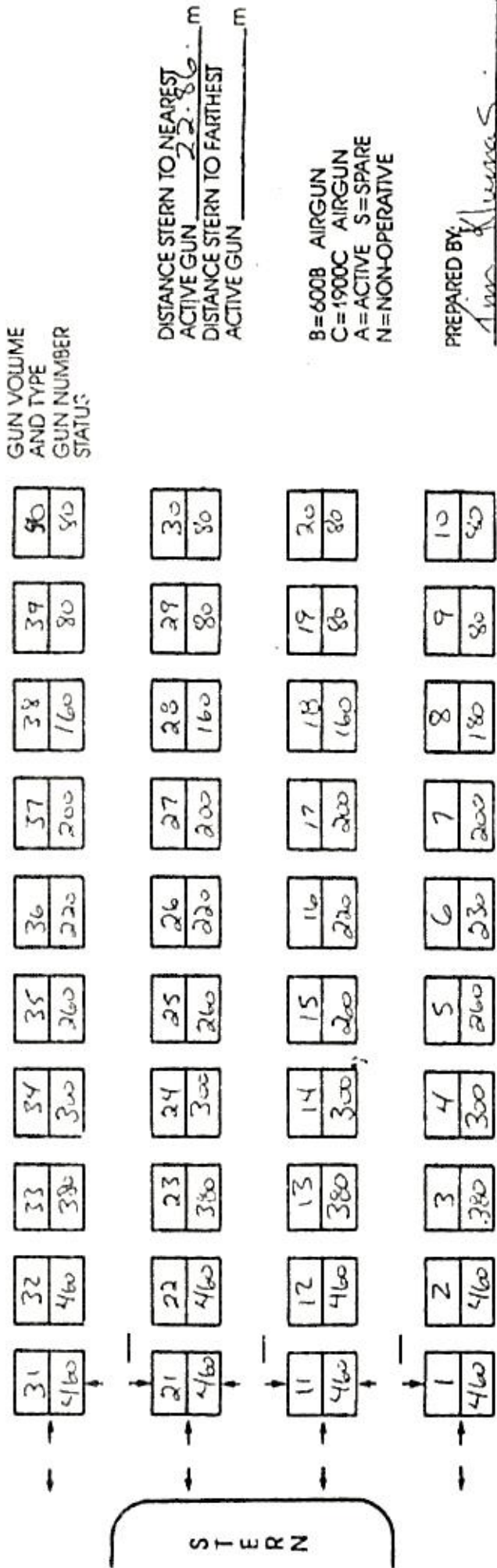


DIGICON

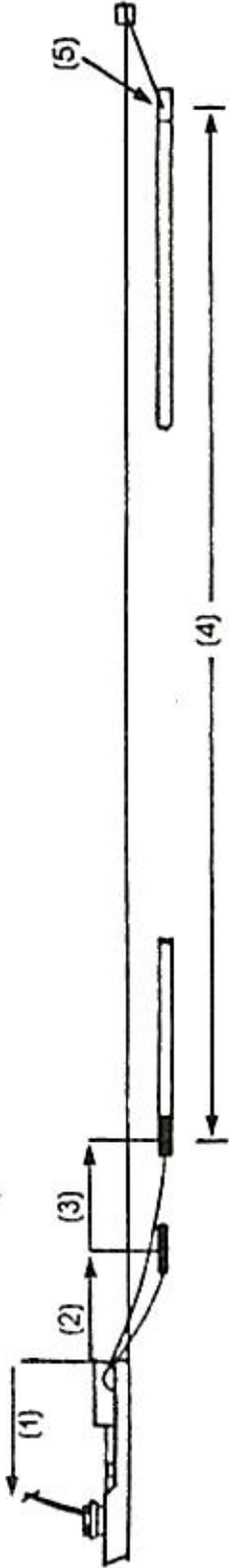
ACQUISITION CONFIGURATION AND OFFSET DIAGRAM

CLIENT: G.S.C. JOB NUMBER: 5378
 PROJECT/AREA: Sanctuary VESSEL/PARTY: M/V Geo Tube SIF
 DATES: _____ CHECKED BY: _____

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



- (1) DISTANCE PRIMARY ANTENNA TO STERN 25.46 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) stretch 50m
 (39) 7.5 m. buoys

PREPARED BY: Tom Klemas

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	

DEPTH TRANSDUCER DIGITAL CAN

