U.S. GEOLOGICAL SURVEY

DFS V LOG

25

VESSEL R/V Baltasar CRUISE NO. Balt 92-1 DATE 8-29-92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 25 sec.

OFFSET 500 m PRIME NAVIGATION GPS

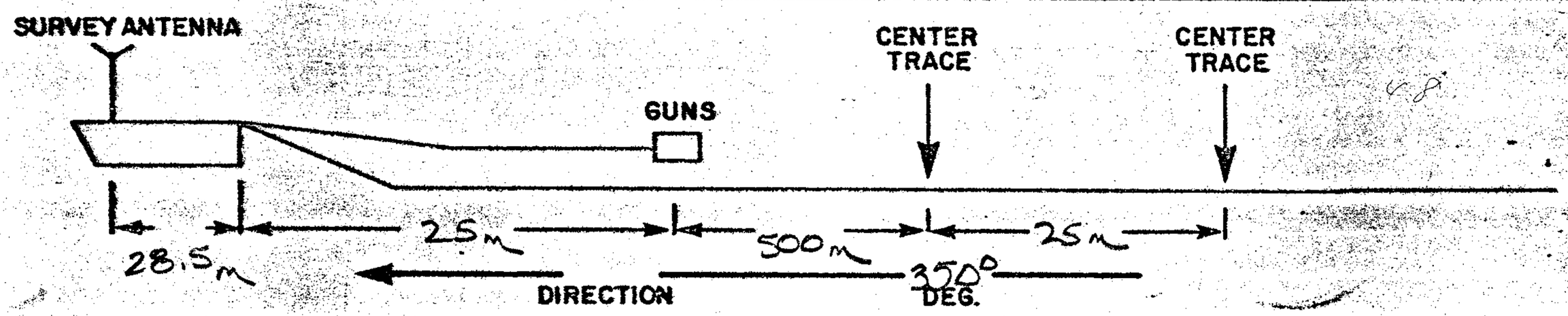
LINE NO. 22 DIR. ____ DEG. CABLE TYPE 48 Trace Short Groups

LOCATION S. Basin TRACE INT. 25 meter

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT ✓

RECORD LENGTH 8 sec EXTENDED HEADER START WORD ✓

SOUND SOURCE 1174 cu. in. @ 1906 psi @ 6 depth (m)



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
24 dB	5/18	64		5	64	4	3	AGC

DECK NO.	REEL NO.	CONSTANTS DAY NO.	CONSTANTS LINE NO.	CONSTANTS DIR. DEG.	FILE NO. FROM	FILE NO. TO	SP NO. FROM	SP NO. TO	TIME START	TIME FINISH
2	98	242	0022		001	006	Noise	Test		
		SOL#	22		007	083			01:22	01:55
1	99				084	165			01:55	02:29
2	100				166	248			02:29	03:02
1	101				249	330			03:02	03:36
2	102				331	413			03:36	04:11
1	103				414	447			04:11	04:25
					EOL # 22					

OBSERVER'S MARINE REPORT

VESSEL R/V Baikal DATE 8-29 # 2467

Client USGS Type instrument DFS V Offset distance 500m

Area S. Basin Record filter 5-64 Hz Group interval 25m

State Lake Baikal Sample rate 4ms Fold coverage 24

Observer Nichols/Unger gun depth 6ms in.³ of guns 1174 cu in

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
SOL#	22	007	0122	350	7 8 7 8 7 9	340	98	22	Files 001-006 Noise
		026	0130			491			Test. 001-003 = no
		066	0145		8 7 8 7 7 8	537	98		Streamer input 004-006
		135	0200			484	99		Streamer input.
		170	0230		5,8,8,11,4,8	869	100		8 guns #8 - 4 offline
		206	0245			491	100		
		243	0300	339	4,6,8,8,10,13,10	753	101		241 no shot from guns
		280	0315			1094	101		PE 286 291 306 309 310
		520	0330	380		1172	101		311 312 313 330
		363	0350		6,8,8,9,7,4	1172	102		PE 354
		387	0400			1175	102		
		422	0415			1173	103		439 - no shot
		447	0425	336		940	103		

EOL #22