

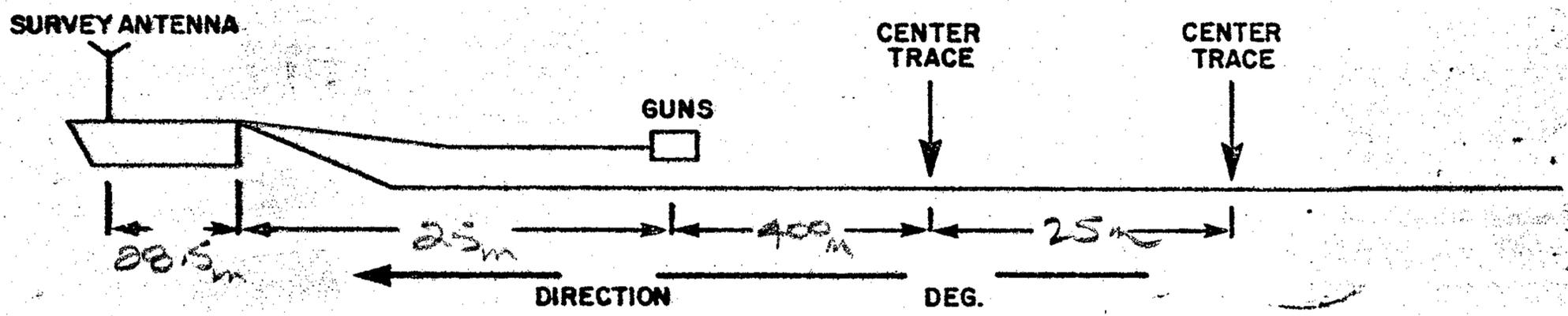
# U.S. GEOLOGICAL SURVEY

DFS V LOG



VESSEL Balkash CRUISE NO. BAI-92-1 DATE 9-22-92

SHOT INTERVAL (DISTANCE) \_\_\_\_\_ m OR TIME 23.25 sec.  
 OFFSET 400 m PRIME NAVIGATION GPS  
 LINE NO. 32 DIR. \_\_\_\_\_ DEG. CABLE TYPE 96 TRAKE  
 LOCATION C. BASIN / BAIKAL TRACE INT. 25 m  
 SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT \_\_\_\_\_  
 RECORD LENGTH 9 sec EXTENDED HEADER START WORD \_\_\_\_\_  
 SOUND SOURCE 1335 cu. in. @ 2000 psi @ 6 depth (m)



## RECORD

## REPRODUCE

INPUT GAIN (500 OHM IMP)	FILTERS		MAN (IFP)	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36dB	5/18	64		5	64	3	3	AGC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	506	266	0032		001	74			0335	0404
	507				75	148			0404	0435
	508				149	222			0435	0505
	509				223	296			0505	0536
	510				297	369			0536	0605
	511				370	442			0605	0635
	512				443	515			0635	0704
					end of line 32					

OBSERVER'S MARINE REPORT

VESSEL Balkash DATE 9-22-92 # 88

Client USGS Type instrument DFS II Offset distance 400m  
 Area C. Basin Record filter S-64 Hz Group interval 25m  
 State Balkal Sample rate 4 ms Fold coverage 24  
 Observer \_\_\_\_\_ gun depth 6m In.<sup>3</sup> of guns 1335

Pre-plot	Shotpoint	File No.	Time	#ldr.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		001	0335	147	6- 7	1212	506	032	8 Guns on line
		137	0349	151		1206			6 & 8 off line
		69	0401	152		1199			Channel 2, 8, 16 off line
		149	0435	139	7 - 7	1202	508		H26 25 sec intervals
		181	0447	142		1208			H106 24 sec intervals
		257	0510	131	7 - 9	1211			
		253	0517	141		1221			
		287	0530	144	8 - 7	1232	509		
		380	0609	134		1162			
		402	0618	143	8 - 8	1179			
		435	0631	140		875			
		505	0700	137		834			
		515	0709	131	9 - 7	582			
					end of				Line 32