89

U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL Balkash CRUISE NO. Bai-92-2 DATE 9-22-92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 23-24 sec.

OFFSET 400 m PRIME NAVIGATION GPS

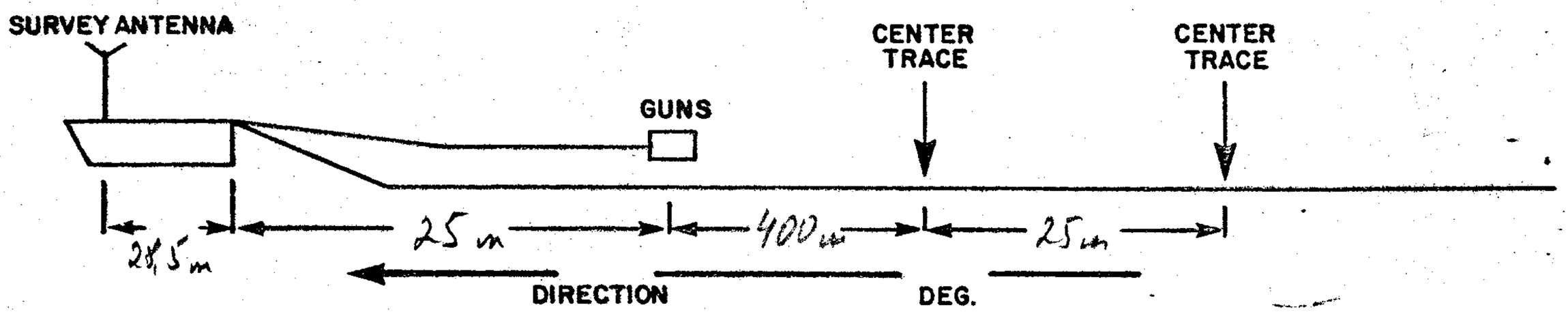
LINE NO. 52 DIR. ____ DEG. CABLE TYPE 96

LOCATION C. Basin / Baikal TRACE INT. 25

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 LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE
36 dB	5/18	64		5	64	3	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
1	513		0052		001	073			8:39	09:08
1	514				074	146			09:08	09:37
1	515				147	219			09:38	10:06
1	516				220	292			10:07	10:36
	517				293	365			10:37	11:07
	518				366	438			11:07	11:38
	519				439	495			11:38	12:00

OBSERVER'S MARINE REPORT

VESSEL BALKOSH DATE 9-22-92 # 90

Client	USGS	Type instrument	DFS-V	Offset distance	400m
Area	C Basin	Record filter	5-64	Group interval	25m
State	Baikal	Sample rate	4ms	Fold coverage	24
Observer		gun depth	6m	in.^{3} of guns	1335

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		001	8:39	314		937	513	52	
		021	8:46	317		924			
		054	9:00	313		931			
		92	9:16	334		1013	514		
		128	9:30	318		1176			
		166	9:45	317		1049	515		146-147 - 3 shot
		204	10:00	325		1043			
		247	10:17	319		1081	516		
		295	10:38	311		1074	517		
		315	10:45	325		1088			
		351	11:00	323°		1089			
		387	11:15	325°		1127	518		
		424	11:30	323°		1143			
		460	11:45	322°		1155			