U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL R/V Balkash CRUISE NO. BAI-92-1 DATE 8-30-92

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

OFFSET _____ m PRIME NAVIGATION GPS

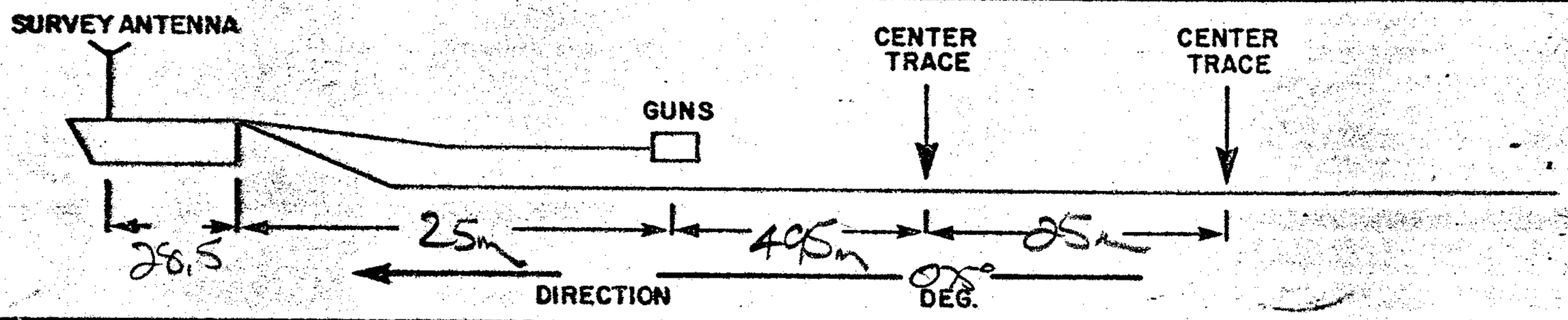
LINE NO. 3A DIR. 075° DEG. CABLE TYPE 96 TRACE

LOCATION S. BASIN TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT —

RECORD LENGTH 8 sec EXTENDED HEADER START WORD —

SOUND SOURCE 6 Guns only cu in. @ 1900 psi @ 6 depth (m)
AT SOL



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	3/15	64		5	64	3	4	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	149	243	0003A	084	1	082			10:28	11:02
2	150	no EOF			083	90			11:02	11:07
2	151				091	173			11:07	11:45
1	152				174	257			11:45	12:17
2	153				258	338			12:17	12:50
1	154				338	420			12:50	13:21
2	155				421	495			13:21	13:56

EOL 3A

OBSERVER'S MARINE REPORT

VESSEL R/V Baikal DATE 8-31-92 #

Client USGS | Type instrument DFS V | Offset distance 495m

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

State Baikal | Sample rate 40 ms | Fold coverage 48

Observer Nichols | gun depth 6m | in.³ of guns 6 Guns

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		41	10:45	088°			149	3A	6 Guns on line @
									50L/9 Guns on
		60	All Guns	on	Line	58		Gun	Down)
		65=	Line	3	File 332	(1374			File 60 All 9 Guns
		77	11:00	084°		1368			On Line
		183	11:45	083°	7,8,7,8,8,9,7,	1250	152		NO EOF on Tape 150
		219	12:00	081°		1197	152		
		255	12:16			1110			Between Files 215-250
		327	12:46	068	(8,10,8,7,8,7,8,1	1044	153	3A	Lyosha working on Contacts
					8,10,8,)				of Patch Panel & Trying to
		363	13:00	089°		940	154		Eliminate 50 Hz Noise, Suspect
		400	13:15	071°		904	154		50 Hz notch in Processing
		435	13:30			625			
		471	13:45	073°		578			
		488	14:00	072°	7,9,8,7,7,7,7,7,9,7,	569	155		

LOG 3A