20

U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL R/V Baikash CRUISE NO. Bai 92-1 DATE 8-28-92

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

OFFSET 500 m PRIME NAVIGATION GPS

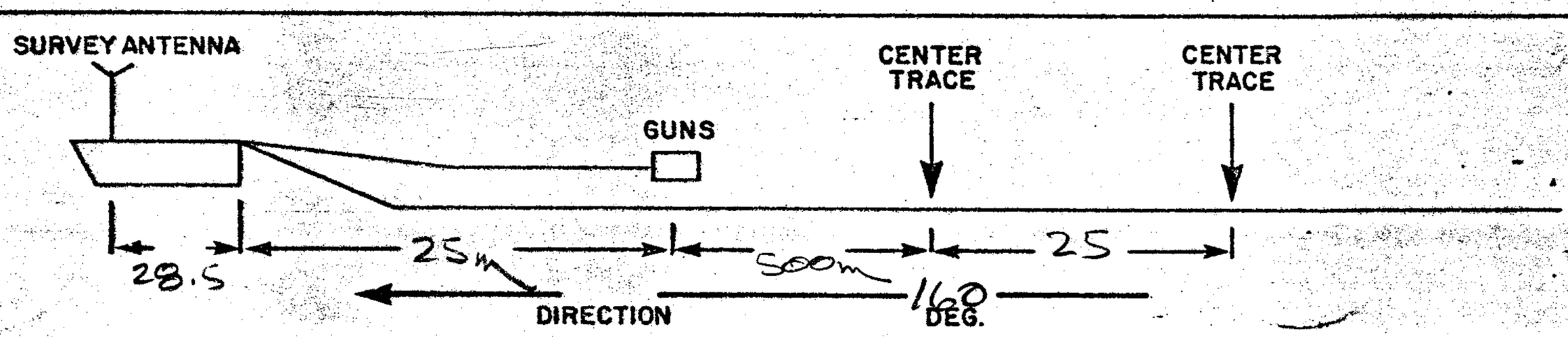
LINE NO. 16 DIR. ____ DEG. CABLE TYPE 48 TRACE

LOCATION S. BASIN / BAIKAL TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT ✓

RECORD LENGTH 8 EXTENDED HEADER START WORD —

SOUND SOURCE 1437 cu. in. @ 1900 psi @ 6m 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	5/15	64		5	64	2	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	82	241	0016	160°	0001	082			12:42	13:17
2	83				083	165			13:17	13:52
1	84				166	247			13:52	14:25
2	85				248	330			14:25	14:57
1	86				331	375			14:57	15:17

OBSERVER'S MARINE REPORT

VESSEL R/V Baikal DATE 8-28-92 #21

Client USGS | Type instrument DFS II | Offset distance 500 m

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

State L. Baikal | Sample rate 4 ms | Fold coverage 24

Observer Nichols | gun depth 6 m | in.³ of guns 1437

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		0001	1242	160°	7,8,8,8,8,7	369	82	16	9 Guns on Line #8
		45	1300	160°		424	82		off Line
		81	1315	168		631	82		
		116	1330	159°		623	83		
		153	1345	167			83		
		189	1400	160	7,6,7,5,6,7,8	464			
		224	1415	157°		396	84		
		261	1430	159°	7,7,7,8,7,7,7	299	85		
		297	1445	157°		207	85		
		332	1500	157°	6,8,8,9,7,9,6,	102	86		
		369	1515	152°		70	86		
		375	1517	156		69	86		EOL #16