Line 6

U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL BALKASH CRUISE NO. BAIK92-1 DATE 8-26-92

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

OFFSET 495 m m PRIME NAVIGATION GPS

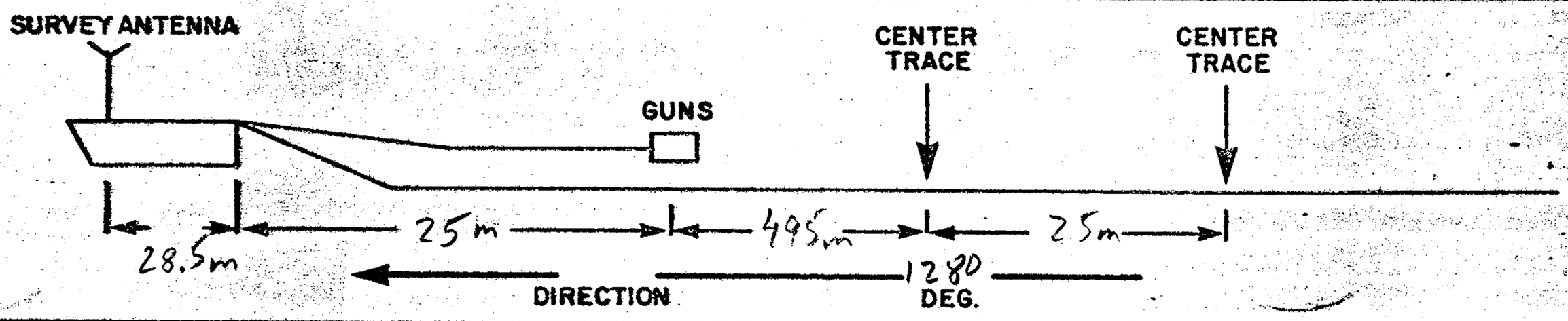
LINE NO. 6 DIR. ____ DEG. CABLE TYPE 96 Channel

LOCATION S. BASIN TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT yes

RECORD LENGTH 8 sec EXTENDED HEADER START WORD —

SOUND SOURCE 1437 in³, 9 gun cu. in. @ 2000 psi @ 6 depth (m)



RECORD				REPRODUCE				
INPUT GAIN (1000 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	2	2	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	29	239	0006	001°	001	082			1123	1158
2	30				083	165			1158	1232
1	31				166	244			1232	1307
2	32				245	318			1307	1337
1	33				319	391			1337	1409
2	34				392	468			1409	1439
1	35				469	541			1439	15:09
2	36				542	568			15:04	15:23
1	37				569	650			15:23	15:58
2	38				651	733			15:58	16:37
1	39				734	820			1637	1713
2	40				821	913			1713	17:58
1	42				914	989			17:58	1830
		End of Line 6								

Line 6

OBSERVER'S MARINE REPORT

VESSEL Baikal DATE 8-26-92 # 9

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

Area S. BASIN | Record filter 5/64 | Group interval 25 m

State Baikal | Sample rate 4 ms | Fold coverage 24

Observer Nichols/Unger | gun depth 6 m | in.³ of guns 1437 in³

Pre-plot	Shotpoint	File No.	Z Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	1123	000			29	6	9 Guns on line #8
			1145			980	30		
		87	1200		8,6,8,5,6,7,7	1100	30		P.E. File 89, 101, 133, 135
		122	1215			1160			
		158	1230	350°	8,9,7,8,6,8,8,8	1150	30		
		195	1245			1164			
		231	1300	352°		1170	31		
		267	1315	347		1150	32		
		303	1330	352°	8,7,9,8,7,8,7,8	1200	32		
		350	1350	350°		1315	33		
		375	1400	352°	8,11,8,8,9,8,8	1319	33		
		411	1415	352°		1240	34		Files 393-395 on Tape
		447	1420	351°	8,11,10,16,13,16,11	1043	34		34 - No DATA - DFS II ID error
			1500			540	35		No DATA F. File 469
		520	1500	350°	10,13,18,21,17xx	305	35		PE File 542→545 547→
		556	1515	003°		480	36		552 554 - 568
		586	1531	356°		247	37		
		620	1545	350°		486	37		
		655	1600	355°		721	38		PE File 684
		695	1615	352°		840	38		
25		728	1630	347°		930	38		
37		753	1645	352°		975	39		39 File 754-790
		790	1700	341°		1015	39		missed because of ID
		837	1724	353°		1038	41		Error
		845	1730	354		1040	41		790 missed Shot point
		883	1745	008°		1055	41		SP 821-830 missed
		935	1807	017°		965	42		from ID Error TAPE 40
		954	1815	017°		912	42		PE File 866 904
		989	1830			607			PE 914 916 919 920
									922 948 960 972
		EOL	End	of	Line	6			