U.S. GEOLOGICAL SURVEY

DFS V LOG

10

VESSEL Balkhash CRUISE NO. BAlk92-1 DATE 8/27/92

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

OFFSET 495 m m PRIME NAVIGATION GPS

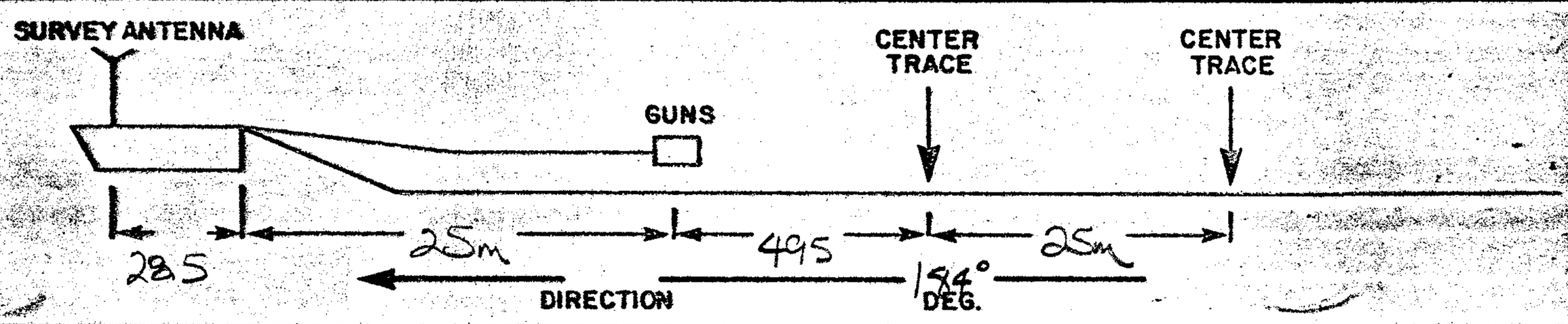
LINE NO. 8 DIR. 170° DEG. CABLE TYPE 96 channel

LOCATION S Basin TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT yes

RECORD LENGTH 8sec EXTENDED HEADER START WORD _____

SOUND SOURCE 1437 in³ 9 guns 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 / 24 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 UT START	TIME UT FINISH
2	43	239	0008		1	84			2135	2210
1	44				85	166			2210	2245
2	45				167	249			2245	2322
1	46				250	331			2322	2351
2	47				332	415			2351	0030
1	48				416	496			0030	0104
2	49				497	579			0104	0139
1	50	File 595 Record			580	674			0139	0220
2	51	Length Changed to 7 sec			675	769			0220	0258
1	52				770	862			0258	0335
		File 758 All input gains								
		changed to 24 dB.								
2	53				863	957			0335	0416
1	54				958	1002			0416	0434
		End of Line 8								

OBSERVER'S MARINE REPORT

VESSEL Balkhash DATE 8/27/92 #11

Client	4565	Type instrument	DFS-V	Offset distance	495
Area	S. Basin	Record filter	5/64	Group interval	25m
State	Baikal	Sample rate	4 ms	Fold coverage	24
Observer	Unger	gun depth	6m	in.³ of guns	1437 in³

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	2135	175°		985	43	8	No 1st shot ID error
		23	2145	172°		989	43		PE 3 7 42 46 48,
		59	22.00	177		997	43		63
		94	22.15	164		1003	44		PE 85
			22.26						122 частые запуски
		131	22.30	179		1093			
			22.40						сбои на запусках
							45		167, 168, 169
		166	22.45			996			
		201	2300			967	45		
		237	2315	177		990			
		273	2330	170		935	46		
		309	2345	170		770	46		
		345	2400	165°		560	47		S.D. 240
		381	0015	173°	8,9,10,9,8,8,8	460	47		
		416	0030	173°		333	48		
		452	0045	171		187	48		
		489	0100	171°	8,8,8,8,8,9,8	088	48		
		525	0115	171°		090	49		P.E. 530, 531 532, 533, 534,
		595	File Length 7 sec.				50		536, 546 547 548,
		597	0145	170°		777	50		549 550, 551
		632	0200	171°	8,9,8,8,8,9,8	994	50		
		668	0215	172°		1098	50		Tape 50 File 581-82
		704	0230	171°		868	51		BAD
		740	0245	172°	9,8,7,8,8,8,8	793	51		PE. 749
		776	0300	172°		923	52		File 754 Adjusting Pre-Amp
		813	0315	177°		963	52		Gains on all channels -
		850	0330	171°		1001	52		File 758 complete.
		887	0345	164°		955	53		
		920	0400	179°		906	53		PE 926 929 931 932 933
		956	0415	167		701	53		935 936 937 942 943 944 945
		992	0430	161		547	53		946 949 950 951 952
		1002	0434						Extra shot 997 998
			End of Line 8						
		33				776			