U.S. GEOLOGICAL SURVEY

DFS V LOG

24

VESSEL Balkash CRUISE NO. Baik-92-1 DATE 8-29-92

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

OFFSET 500 m PRIME NAVIGATION GPS

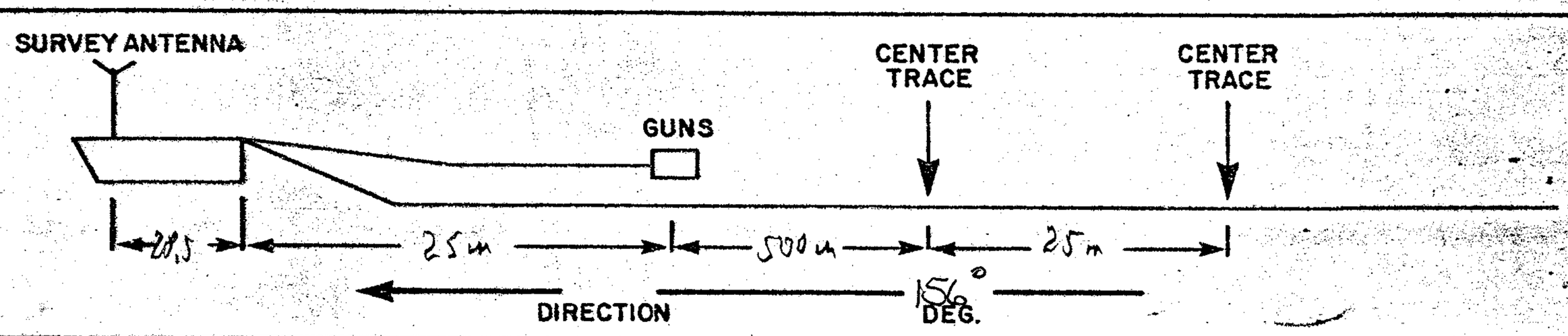
LINE NO. 20 DIR. ____ DEG. CABLE TYPE 48

LOCATION S. BASIN / Baikal TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT —

RECORD LENGTH 8 EXTENDED HEADER START WORD —

SOUND SOURCE 1437 cu. in. @ 1900 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
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	93	241	020	156°	1	82			21:18	21:52
2	94				83	165			21:52	22:26
1	95				166	247			22:27	23:01
2	96				248	330			23:01	23:37
1	97	242	J. Dy		331	412			23:37	00:10
2	98									

COL 20

25

OBSERVER'S MARINE REPORT

VESSEL Balkash DATE 8-29-92 #

Client	USGS	Type instrument	DFS-V	Offset distance	500
Area	S Basin	Record filter	5	Group interval	25m
State	Lake Baikal	Sample rate	4ms	Fold coverage	12
Observer	Under	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
		1	21:18	162	7,5:8,1'10:8,8:9	5:1013	93	20#	4 GUN don't work
		30	21:30	165		1000			
		65	21:45	149		1055	93		DE # 82
		102	22:00	156		949	94		
		146	22:18	148		733			
		174	22:30	156		544	95		
		212	22:45	149		372	95		DE#1 94
		244	23:00	152°		314			#8 GUN OUT.
		281	23:15	156°	7,5,8,8,7	216	96		
		317	23:30	156°		158	96		
		354	23:45	156°	7,7,8,7,8	105	97		
		254	24:00	155°	8,8,7,7,8	254	97		

EOL 20#