85

U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL Balkash CRUISE NO. Baik-92-2 DATE 9-21-92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 23 sec.

OFFSET 400 m PRIME NAVIGATION GPS

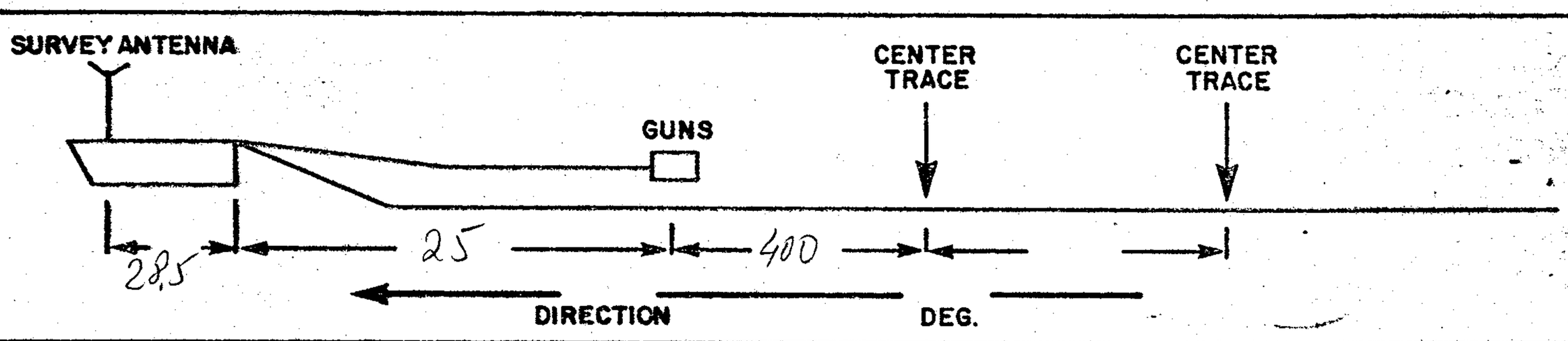
LINE NO. 92-34 DIR. ____ DEG. CABLE TYPE 96

LOCATION C Basin TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT _____

RECORD LENGTH 9 sec EXTENDED HEADER START WORD _____

SOUND SOURCE 1435 cu. in. @ 2000 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
36 dB	5/15	64		5	64	3	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	496	265	0034		001	073			21:12	21:39
1	497				074	146			21:40	22:08
1	498				147	219			22:09	22:37
1	499				220	292			22:38	23:07
1	500				293	365			23:07	23:37
1	501	266	0034		366	439			23:37	00:05
1	502				440	511			00:05	00:34
1	503				512	584			00:34	01:02
1	504				585	657			01:02	01:31
1	505				658	680			01:31	01:39

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OBSERVER'S MARINE REPORT

VESSEL Balkash DATE 9-21-92 # 86

Client	USGS	Type instrument	DFS-V	Offset distance	400m
Area	C Basin	Record filter	5-64 Hz	Group interval	25m
State	Baikal	Sample rate	4 ms	Fold coverage	24
Observer		gun depth	6 m	in.^{3} of guns	1335

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		001	21:12	324		769	496	34	
		068	21:37	317		1128			
		086	21:45	327		1078	497		
		126	22:00	324		1298			
		162	22:15	334		1318	498		
		204	22:31	323		1373			207 Δt = 24 sec
		237	22:45	324		1346	499		
		274	23:00	325		1335			
		313	23:15	323		1320	500		213 Δt = 23 sec.
		352	23:30	330					
		394	23:45	328		1316	501		
		428	00:00	327		1317			
		465	00:15	326		1310			
		555	00:45	329		1304			
		583	01:00	326		1315	503		
		620	01:15	322°		1315	504		
		657	01:30	322°		1315			
		680	01:40	323		1100			

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