

U.S. GEOLOGICAL SURVEY

DFS V LOG



49

VESSEL Balkhash CRUISE NO. BATK92-1 DATE 9/11/92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 24 sec.

OFFSET 400 m PRIME NAVIGATION 6 PS

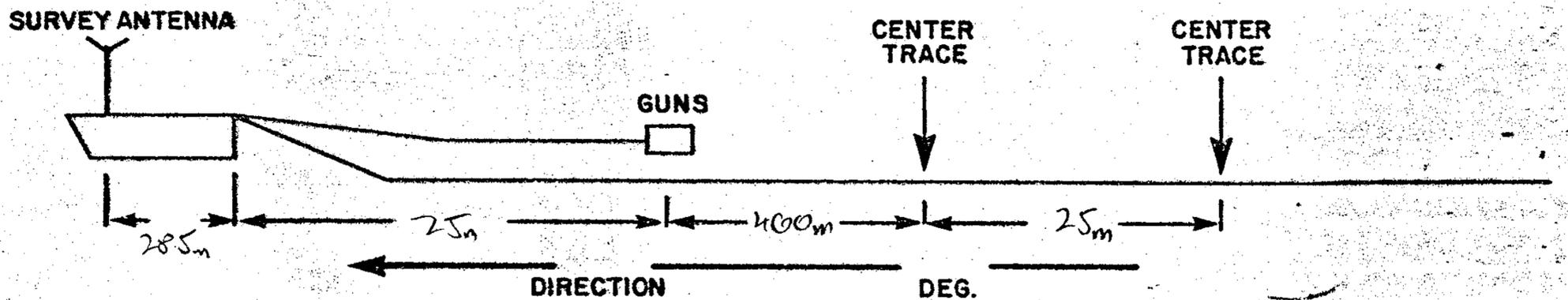
LINE NO. 42 DIR. _____ DEG. CABLE TYPE 96 trace

LOCATION Baikal Central Basin TRACE INT. 25m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT

RECORD LENGTH 9 EXTENDED HEADER START WORD

SOUND SOURCE 1435 cu. in. @ 2000 psi @ 6 depth (m)



RECORD

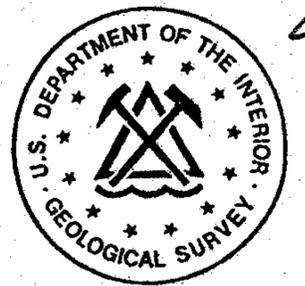
REPRODUCE

INPUT GAIN (100 OHM IMP)	FILTERS		MAN (IFP)	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36 dB	5/15	64		5	64	3	3	AGC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	205	255	0042		1	73			06:18	6:47
2	206				74	147			6:47	7:17
2	207				153	225			7:20	7:45
2	208				226	299			7:46	8:17
1	209				300	372			8:17	8:47
2	210				373	446			8:47	9:16
1	211				447	519			9:17	9:46
1	212				532	604			9:54	10:22
2	213				605	617			10:22	10:28
1	214				618	690			10:28	10:58
2	215				691	764			10:58	11:28
1	216				765	840			11:28	11:59
2	217				841	874			11:59	12:14
1	218	Excess PE on this tape			875	949			12:14	12:43
2	219				950	1022			12:44	13:20

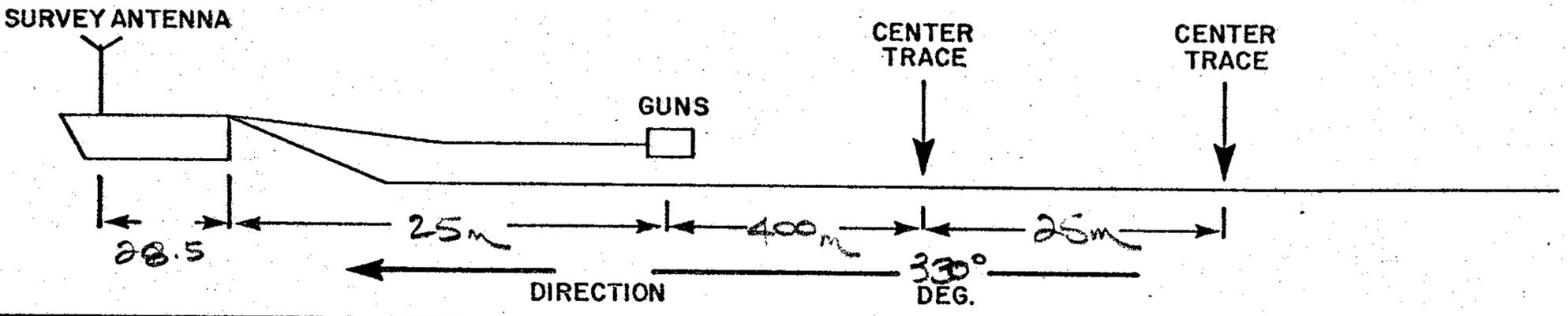
U.S. GEOLOGICAL SURVEY

OBSERVER'S DAILY REPORT



SSEI Balkash SYSTEM TYPE DFST DATE 9-11-92

OFFSET 400 m PRIME NAVIGATION GPS
 LINE NO. 42 DIR. 330° DEG. CABLE TYPE 96 TRACE
 PROSPECT Balkash TRACE INT. 25 meters
 LOCATION Central Basin SHOT INT. 50 m
 SAMPLE RATE 4 MS. BPI 1600 WEATHER —
 RECORD LENGTH 9 SEC. OPERATOR J. S. H.



RECORD

REPRODUCE

INPUT GAIN (500 OHM IMP)	FILTERS		MAN (FP)	FILTERS		TRIP SENSE	INITIAL GAIN	MODE
	LO/SLOPE	HI		LO	HI			
36 dB	5/15	64		5	64	3	3	ASC

DECK NO.	REEL NO.	CONSTANTS			FILE NO.		SP NO.		TIME	
		DAY NO.	LINE NO.	DIR. DEG.	FROM	TO	FROM	TO	START	FINISH
1	220	255	0042	330	1023	1052			13:20	13:26
2	221				1053	1125			13:26	13:55
1	222				1126	1202			13:55	14:27
7	223				1204	1278			14:28	15:00
1	224				1279	1321			15:00	15:16

OBSERVER'S MARINE REPORT

VESSEL R/V BAIKAL DATE 9/11/92 # 50

Client USGS Type Instrument DFS-VI Offset distance 400m
 Area BAIKAL Record filter 5-64 Hz Group Interval 25m
 State Central Basin Sample rate 4ms Fold coverage 24
 Observer Unger/Ura/nichols gun depth 6m in.³ of guns 1435

Pre-plot	Shotpoint	File No.	Time	#ldir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	0618			362	205	42	SO4 #42
		31	0630	331	10 - 9		205		Shots 1-30 lost from
		63	0647	332		208	206		gun failure
		143	7:15	333		758			PE 74
							207		DE 199
		226	7:45			1258	208		DE 250
		256	8:00	331	9 - 10	1483			
		294	8:15	333		1633			
		232	8:30	321		1689	209		
		368	8:45	328		1697			
		406	9:00	333	10 - 9	1699	210		PE 391, 399, 436
		443	9:15	333		1604			
		481	9:30	327		1597	211		
							212		532 NO data
		586	10:15	331	9 - 9	1696			
							213		PE 605, 606, 607
									608, 609, 610, 611, 612, 613, 614, 615, 616, 617.
		861	10:45	323	8 - 8	1697	214		
		699	11:00			1693	215		
		737	11:15	312		1336	215		
		773	11:30	313	7 - 8	895	216		
		810	11:46	311	10 - 9	620	217		841 842
		993	13:00		Surface	247	219		STRIPPER on SURFACE
		1067			4 - 3	436			
		1103	13:45		10 - 9	456	221		
		1174	14:15	310	9 - 10	300	222		
		1208	14:30			310	223		
		1281	15:00	315		210	224		
		1321	15:16			278	224		