U.S. GEOLOGICAL SURVEY

DFS V LOG

53

VESSEL R/V Balkhash CRUISE NO. BAIK 92-1 DATE 9/12/92

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

OFFSET 400m m PRIME NAVIGATION GPS

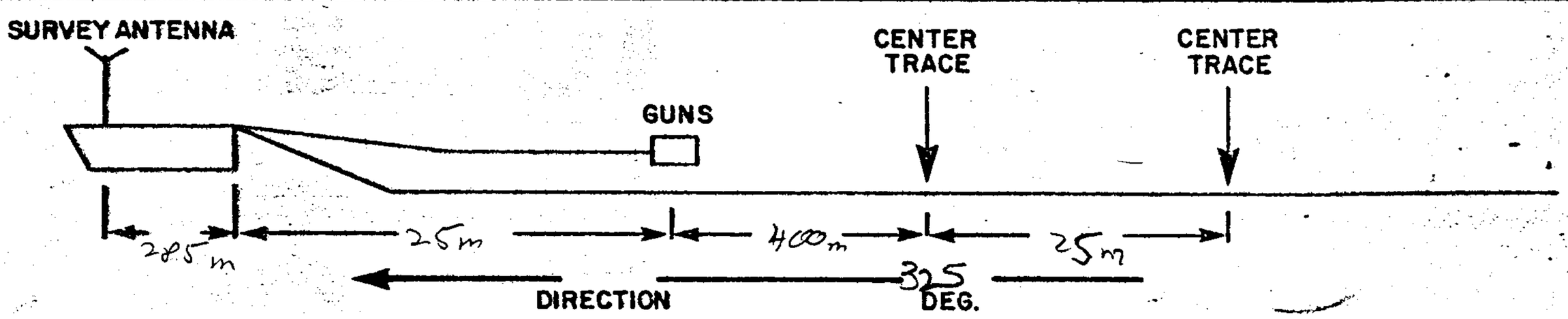
LINE NO. 48 DIR. 325 DEG. CABLE TYPE 96

LOCATION Baikal Central 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	243	256	0048		2	74			0551	0619
2	244				78	88			0614	0628
1	245				89	161			0628	0657
2	246				162	235			0657	07:27
1	247				236	308			07:27	07:56
2	248				310	321			7:57	08:02
1	249				322	394			08:02	08:31
1	250				395	467			8:32	09:02
1	251				468	540			9:03	9:33
1	252				541	613			9:33	10:02
1	253				614	686			10:03	10:31
1	254				687	738			10:32	10:56
1	255				739	811			10:56	11:23
1	256				812	884			11:23	11:57
1	257				885	957			11:57	12:29
1	258	1031-1049 overwritten			958	1030			12:29	12:58

53A

U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL R/V Ba Karl CRUISE NO. BA1-92-1 DATE 6-12-92

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

OFFSET _____ m PRIME NAVIGATION _____

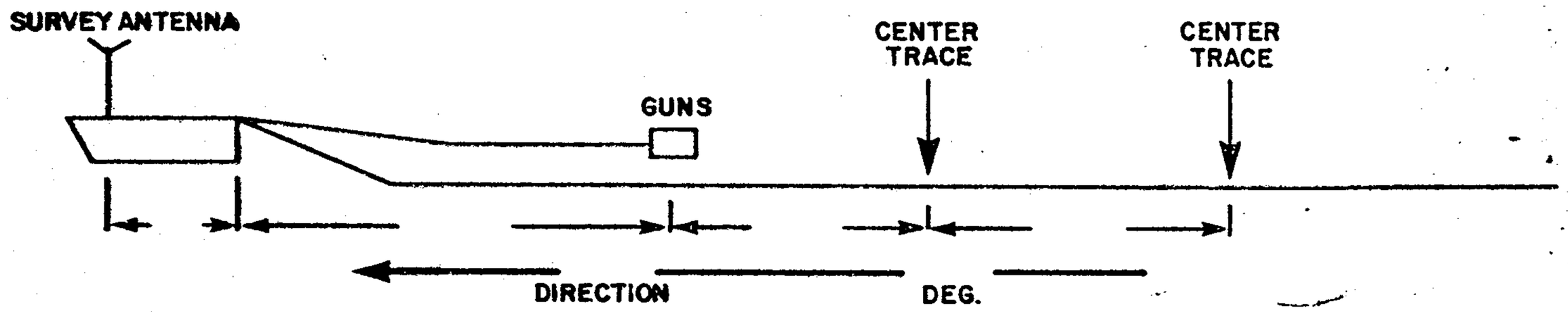
LINE NO. 48 Cont. DIR. _____ DEG. CABLE TYPE _____

LOCATION _____ TRACE INT. _____

SAMPLE RATE _____ MS. BPI _____ SEG B FORMAT _____

RECORD LENGTH _____ EXTENDED HEADER START WORD _____

SOUND SOURCE _____ cu. in. @ _____ psi @ _____ depth (m)



RECORD				REPRODUCE				
INPUT GAIN (300 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / IFP	FILTERS LO	FILTERS HI	TRIP SENSE	INITIAL GAIN	MODE

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
	260				1050	1110				13:32
					50		48			

OBSERVER'S MARINE REPORT

VESSEL Balkhash DATE 9/12/92 # 54

Client	USGS	Type instrument	DFS V	Offset distance	400 m
Area	Baikal	Record filter	5-64 Hz	Group interval	25m
State	Central Basin	Sample rate	4 ms	Fold coverage	24
Observer	Unger/Van	gun depth	6m	in.³ of guns	1435

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		2	0551	330	8 7 10	644	243	48	9 guns #8 off line
		25	0600	333	10 8 5	660	243		
		63	0615	329	8 7 9	952	243		PE 78
		96	0631	330		1209	245		25-77 missed TD - [illegible]
		146	0651	331	11 9 7	1404	245		78-88 PE locks
		169	0700	329		1448			
		214	0715	330		1587	246		PE 165 176 177 178 201
									Sync 178 201
									PE 219
		243	7:30	333			247		
		281	7:45	328		1316			
							248		310, 311. No data
									PE 313, 316 318 318
									319 320 321 No end file
		348	8:12	329		1663	249		PE 389
		392	8:30	333		1660			
		426	8:45	331		1375	250		395 No data
		463	9:00						PE 466
		498	9:15	332		759	251		PE 468, 534
		536	9:30	329		436			
		571	9:45	334		330	252		575 + nodpulse 23 cels
		609	10:00	327		305			PE 604
		650	10:17	331		415.	253		PE 614
		685	10:30	330		453			
							254		
		824	11:30	329		464	255		
		897	12:00	330		803	256		
		1040	12:30			911	258		