U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL BALKASH CRUISE NO. BALK -92 -1 DATE 8-26-91

5

SHOT INTERVAL (DISTANCE) 50 m OR TIME 25-27 sec.

OFFSET 495 m PRIME NAVIGATION GPS

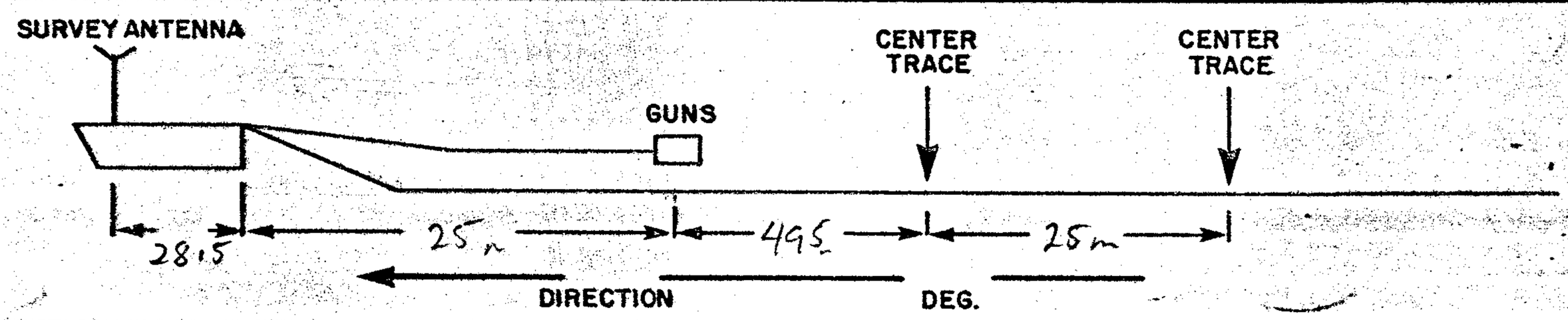
LINE NO. 4 DIR. ____ DEG. CABLE TYPE 96 TRACE

LOCATION Southern Basin TRACE INT. 25 meter

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT ✓

RECORD LENGTH 8 secs/no Delay EXTENDED HEADER START WORD —

SOUND SOURCE ? 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	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 START	TIME FINISH
#2	18	239	0004		001	83			03:45	04:22
#1	19				84	165			04:22	04:58
#2	20				166	183	Excessive Parity Errors		04:58	05:06
#1	21				184	265			05:06	05:42
#2	22				266	348			05:42	05:14
#1	23				349	431			05:14	6:50
#2	24				432	514			6:50	7:25
#1	25				515	596			7.25	7.59
#2	26				597	679			8.00	8.34
#1	27				680	761			834	9.08
#2	28				762	7			9.08	
						788			918	

Конец профиля the end of Line 4

OBSERVER'S MARINE REPORT

VESSEL BALKASH DATE 8.26.92 # 6

Client USGS | Type instrument DFS V | Offset distance 495m

Area Southern Basin | Record filter 5-64 Hz | Group interval 25m

State Baikal | Sample rate 4ms | Fold coverage 24

Observer Nichols/Unger/Yuki | gun depth 6m | in.³ of guns 1257

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	03:45	162°		1080	18	4	8 Guns @ 1237 cu.in. Gun
		42	04:04	175°		1096	18		8 & 10 out.
		74	04:17	164°		1156	18		(SOL#4 with Six Guns on
		102	04:30	174°		1202	19		STBD Side only)
		137	04:45	170°		1110	19		PF#18, 20, 25, 26
		172	05:00	192°		1161	20		Channel 92 off line Due
		205	05:15	164		1153	21		to noisy trace.
		238	05:30	176°		1055	21		Shot 73 NO shot at file.
		287	05:50	170°		1100	22		PF#19 84
		310	06:00	172°		945	22		Channels 89, 68 off line
		387	06:30	175°		1283	23		Due to noisy trace.
		416	06:45	178°		1339	23		10 Guns off line. missed
		494	7:16	171		1358	24		recorded 2 errant shots
		525	7:30	150°		1364	25		File 124 no shot for file.
		562	7:45			1367	25		File 141 no shot for file
		597	8:00	150		1360	26		File 163 no shot for file
		633	8:15			1370	26		missed Shot later
		669	8:30			1390	26		PE#20 file 168 169
		705	8:45	190°		1308	27		170 171 172 173 174 175
		741	9:00	150		1220	27		176 177 178 179 180 181 182 183
		777	9:15	190		1037	28		
									Shot 171 9 guns active
									184 Start new Tape
									File 209 8, 86 channel bad
									on streamer
									File 210 Channel 2 bad on
									streamer
									All channes back on line
									267 Extra Shot 268
									PE# ~~267~~ 22 Shot 267
									268 → 280 All Parity Errors
									345
									PE#
									Missed 349 350
									PE#24
							25		PF# 515 не было N файла
							25		549 [illegible]

OBSERVER'S MARINE REPORT

VESSEL BALKASH DATE 8-26-92 # 7

Client		Type instrument	DFS II	Offset distance	495m
Area	S.BASIN	Record filter	5/64	Group interval	25m
State		Sample rate	4 ms	Fold coverage	24
Observer		gun depth	6 m	in.^{3} of guns	1437 in^3

Pre-plot	Shotpoint	File No.	Time	#1dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
							26	4	# 600, 602, 624
									640, 642, 643, 670
									674,
									LOL 4