U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL Balkrish CRUISE NO. BAIK 92-1 DATE 8-25-92

1

SHOT INTERVAL (DISTANCE) _____ m OR TIME 27 @ _____ sec.

OFFSET 495 m PRIME NAVIGATION GPS

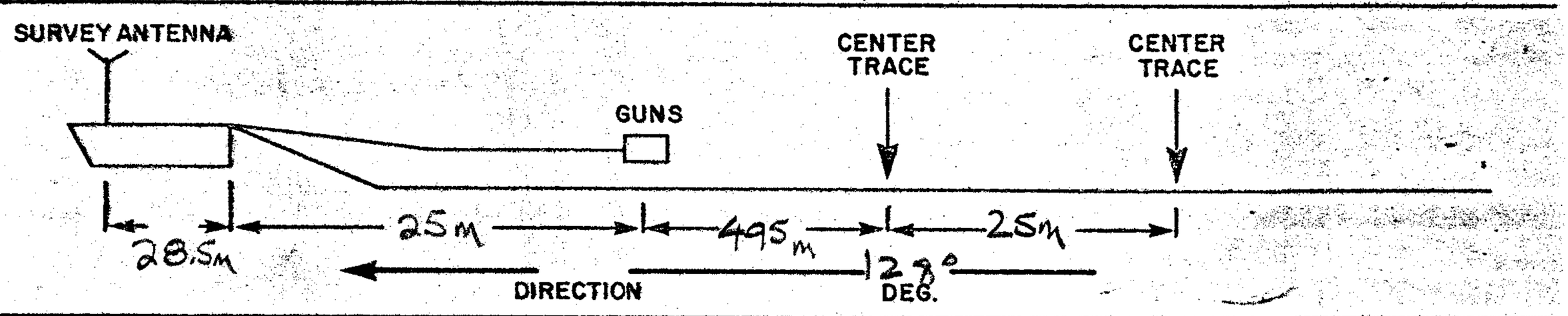
LINE NO. 1-2 DIR. ____ DEG. CABLE TYPE 96 Trace

LOCATION Southern Basin TRACE INT. 25 meter

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT —

RECORD LENGTH 7 sec / 85k EXTENDED HEADER START WORD —

SOUND SOURCE 1650 cu. in. @ 2000 psi @ 6 depth (m)



RECORD				REPRODUCE				
INPUT GAIN (500 OHM IMP)	FILTERS LO/SLOPE	FILTERS HI	MAN / (TFP)	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	1	8/25-92			1	28	NO EOF		13:35:40	13:47
1	2				29	108			13:47	14:23
2	3				109	191			14:23	15:00
1	4				192	273			15:00	15:39
2	5				274	356			15:39	16:13
1	6				357	438			16:13	16:50
2	7				439	521			16:50	17:28
1	8	End of Line 1			522	559			17:28	17:44
1	8	Start of Line 2			1	44			19:20	19:39
2	9	Begin with High			45	127			19:39	20:17
1	10	Hydrophone work. Low			128	209			20:17	20:54
2	11	High			210	292			20:54	21:32
	12	Bad Tape			293					
2	13				305	~~387~~			21:39	22:15
1	14				388	469			22:15	22:51
2	15				470	552			22:51	23:28

OBSERVER'S MARINE REPORT

VESSEL Bolkoski DATE 8-25-92 #2

Client USGS/ Type instrument DFS II Offset distance 495m

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

State Siberia Russia Sample rate 4ms Fold coverage 24 maybe

Observer Nichols gun depth 6m in.³ of guns 1650

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
Time is U.T.		1	1335	128	8888888	1500m	1	1	TAPE # 1 Shows
		59	1400				2		Excess Prof. Ferrels.
		92	1415		9999999				Chang to TAPE 2
		125	1430	108°		1491	3		
		159	1445	109°		1489	3		PE #3 TAPE, 144, 155, 156
		192	1500	110°		1489	4		PE #4
Air Gun		237	1518	134°		1499	4		
24 pacific		258	1530	123°		1501	4		
3 guns		292	1545	126°		1503	5		PE #5 274 275 276
1237 cu.in.		326	1600	108°		1503	5		318
Gun 8 & 10		363	1615	131		1503	6		PE#6 437 458
out.		392	1630	118°		1503	6		
		425	1645	113°		1501	6		
		459	1700	96°		1494	7		PE#7 443 446 447 441
		492	1715	115°		1472	7		454 465 475 478
		525	1730	101°		1445	8		PE#8
		559	1744	108°		979	8		Mixed shot 555
		End of Line 1							
		Start of Line 2							PE#9 1
		1	1920	65		1467	8		
		20	1931	65°		919			
		91	2000	65°		1463	9		
		124	2015			1463	9		
		157	2030			1463	10		
		161	2032			1[illegible]		V=4,0	изменение скорости судна
		190	2045			1450			Регулировка курсы
		217					11		PE#11 217 235, 254
		223	2100						
		258	2115			1408	11		
		290	2130			1426	11		
		[illegible]	[illegible]			[illegible]	12		PE 293
		353	2200			1355	13		
		395	2219			1169	14		
		420	2230	006		1220	14		
		452	2245	351		1256	14		
							14		#455 повторный залпе
							15		#470 472 488