U.S. GEOLOGICAL SURVEY

DFS V LOG

VESSEL Baikal CRUISE NO. BAI-92-1 DATE 9-18-92

SHOT INTERVAL (DISTANCE) _____ m OR TIME 23-25 sec.

OFFSET 400 m PRIME NAVIGATION GPS

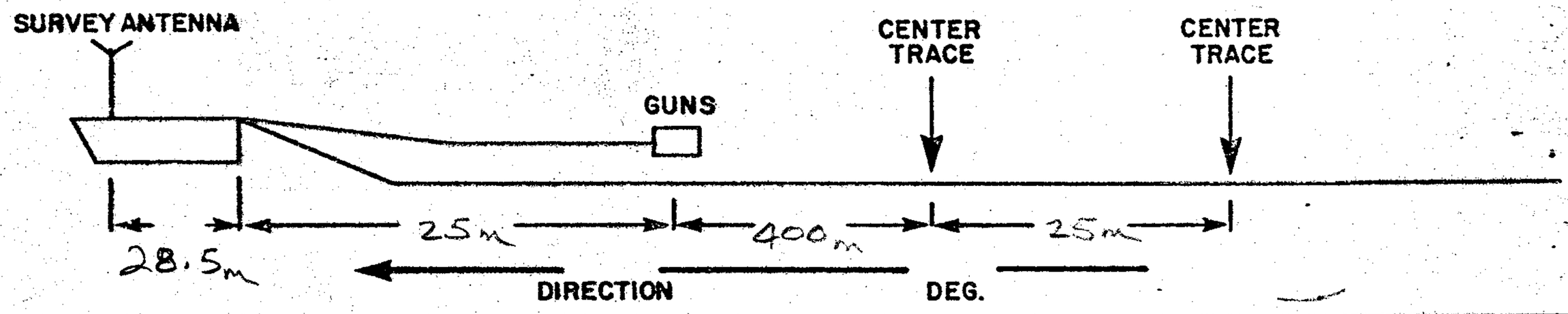
LINE NO. 058 DIR. ____ DEG. CABLE TYPE 96 TRACE

LOCATION C. BASIN / BAIKAL TRACE INT. 25 m

SAMPLE RATE 4 MS. BPI 1600 SEG B FORMAT —

RECORD LENGTH 7 EXTENDED HEADER START WORD ____

SOUND SOURCE 1337 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	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
417	417	262	0058		001	94			1500	1537
1	418				95	188			1537	1615
1	419				189	282			1615	1654
1	420				283	376			1654	1732
1	421				377	469			1732	1811
1	422				471	562			1811	1848
1	423				563	655			1849	1926
1	424				656	748			1927	2004
1	425				749	841			2005	2042
1	426				842	935			2043	2120
1	427				936	1029			2121	2159
1	428				1030	1122			2200	2237
1	429				1123	1138			2238	2244

EOL #58

OBSERVER'S MARINE REPORT

VESSEL Baikal DATE 9-18-92 #76

Client USGS | Type instrument DFS V | Offset distance 400 m

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

State Baikal | Sample rate 4 ms | Fold coverage 24

Observer Nichols | gun depth 6 m | in.³ of guns 1337

Pre-plot	Shotpoint	File No.	Time	#1 dir.	Cable Depth	W.D.	Reel No.	Line No.	Remarks
		1	1500	119°		931	417	058	8 Guns on Line
		44	1516	110°	9 — 9	938			6 & 8 off Line
		79	1530	113	7 — 8	939			
		116	1545	106°		934	418		
		153	1600	100	7 — 13	940			
		189	1615	115°	6 — 13	940	419		
		233	1633	115°		939			
		263	1645	117°	10 — 14	940			
		299	1700	109	7 — 14	937	420		
		343	1718	107	7 — 13	936			
		375	1731	115°		935			
		410	1745	115°	10 — 10	933	421		
		448	1800	111°	10 — 13	932			
		492	1817	114°		930	422		
		519	1830	121	10 — 16	908			
		557	1845	118		887			
		593	19:00	106		857	423		
		633	19:16	112		770			
		663	19:30	113		638	424		
		702	19:45	114		564			
		740	20:00	111		527			
		776	20:15	110		556	425		
		812	20:30	112		548			
		847	20:45	116		664	426		
		885	21:00	115		793			
		923	21:15	111		808			
		957	21:30	111		816	427		
		995	21:45	112		806			
		1030	22:00	118		794	428		
		1070	22:15	113		769			
		1106	22:30	112		758			
		1138	22:44	114		742	429		