K-3-75-AR RTT-1[illegible]

ICE GOUGE DATA RECORD 1975

TRACKLINE: 3 | DATE: 248 | SEGMENT

VESSEL: KARLUK | TEMPLATE SIZE: 4.0 KTS.

SEG. SCALE 1:1344

KM	START TIME HOURS MINUTES TENTHS	START DEPTH M	DISTANCE FROM COAST KM	SHIP'S COURSE °T	OBSERVED ORIENTATION ø DOM/SUB	ADJUSTED ORIENTATION °T DOM	ADJUSTED ORIENTATION °T SUB	ORIENTATION VARIABILITY HIGH MED LOW	NUMBER OF INCISIONS OBS	CORRECTION FACTOR ⊥	GOUGE DENSITY PER KM	INCISION DEPTH DISTRIBUTION METERS NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	MAXIMUM INCISION WIDTH M	MAXIMUM RIDGE HEIGHT M	MAXIMUM GOUGE LENGTH M	MULTI-INCISION GOUGES NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH (M)	DOMINANT ORIENTATION (°T)	DEPTH TO FIRST REFLECTOR M	SONAR RANGE M	REMARKS
AB 1	1155.0	2.3	—	098	15/155	113	253	L	28	2.21	61.9	28	0	0	0	0	0	<.2	2	<.2	225	0	—	—	—	—	100	STRUDEL SCOURS PRESENT NO: 4 DIAM. ~10 M DEPTH: <.2
BC 2	1203.1	3.0	—		10/—	108	—	L	30	2.70	81.0	28	1	1	0	0	0	.5	3	<.2	200	0	—	—	—	—		STRUDEL SCOURS PRESENT NO: 17 DIAM-25 M DEPTH: <.2
CD 3	1211.2	3.4	—		15/—	113	—	L	3	2.21	6.6	3	0	0	0	0	0	<.2	2	.2	100	0	—	—	—	7.0		STRUDEL SCOURS PRESENT NO: 40 DIAM-30M DEPTH: <.2
DE 4	1219.3	3.8	—	115	165/—	263	—	L	2	2.21	4.4	2	0	0	0	0	0	<.2	1	<.2	75	0	—	—	—	10.2		STRUDEL SCOURS PRESENT NO: 4 DIAM-20 M DEPTH: <.2
EF 5	1227.4	3.4	—		150/—	248	—	L	3	1.49	4.5	3	0	0	0	0	0	<.2	2	<.2	135	0	—	—	—	—		STRUDEL SCOURS PRESENT NO: 4 DIAM-20M DEPTH: <.2
FG 6	1235.5	3.2	—		150/—	248	—	L	3	1.49	4.5	3	0	0	0	0	0	<.2	1	<.2	15	0	—	—	—	—		STRUDEL SCOURS PRESENT NO: 2 DIAM-25 M DEPTH: <.2
GH 7	1243.6	3.2	—		150/—	248	—	L	2	1.49	3.0	2	0	0	0	0	0	<.2	1	<.2	10	0	—	—	—	7.2		STRUDEL SCOURS PRESENT NO: 12 DIAM-15M DEPTH: <.2
HI 8	1251.7	3.4	—		5/—	103	—	L	1	3.49	3.5	1	0	0	0	0	0	<.2	1	<.2	80	0	—	—	—	7.2		STRUDEL SCOURS PRESENT NO: 9 DIAM-15M DEPTH: <.2
IJ 9	1259.8	3.2	—	065	—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	7.2		HERRING BONE PATTERN ON LAGOON FLOOR BEGINS
JK 10	1307.9	3.0	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	7.8		HERRING BONE PATTERN CONTINUES
KL 11	1316.0	3.0	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	8.4		HERRING BONE PATTERN HEAVY - CELL COLUMN ORIENTATION ~90°T
LL.7 12	1324.1	2.6	—	097	—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	10.4		SEGMENT ADJUSTED TO 1 KM (TEMPORARY STOP FOR T.V.) HERRING BONE PATTERN HEAVY
MN 13	1445.0	2.0	—	090	—/—	—	—	-	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	10.2		HERRING BONE PATTERN HEAVY
NO 14	1453.1	2.4	—	095	—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	12.6		HERRING BONE PATTERN HEAVY
OP 15	1501.2	2.4	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	13.0		HERRING BONE PATTERN HEAVY SHOALS BEGIN AT EAST END ENTRANCE
PQ 16	1512.0	3.0	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—		HERRING BONE PATTERN ENDS SHOALS CONTINUE PAST FLAXMAN ISLAND

ICE GOUGE DATA RECORD 1975

VESSEL	KARLUK
TEMPLATE SIZE	4.0 KTS

CRUISE	DATE	SEGMENT
3	248	

	START TIME	START DEPTH	DISTANCE FROM COAST	SHIP'S COURSE	OBSERVED ORIENTATION ø	ADJUSTED ORIENTATION °T		ORIENTATION CODE	ORIENTATION VARIABILITY	NUMBER OF INCISIONS	CORRECTION FACTOR	GOUGE DENSITY	INCISION DEPTH DISTRIBUTION METERS							MAXIMUM INCISION WIDTH	MAXIMUM RIDGE HEIGHT	MAXIMUM GOUGE LENGTH	MULTI-INCISION GOUGES				DEPTH TO FAST REFLECTOR	SONAR RANGE	REMARKS
KM	HOURS MINUTES TENTHS	M	KM	°T	DOM / SUB	DOM	SUB			OBS	⊥	PER KM	NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	M	M	M	NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH (M)	DOMINANT ORIENTATION (°T)	M	M	
R 17	1522.8	4.6	—	010	35 / —	45	—	L		16	1.36	21.8	13	3	0	0	0	0	.2	1	.2		0	—	—	—	10.0	100	SHOALS END PAST FLAYMAN.
RS 18	1532.7	7.0	1.5	↓	130 / —	140	—	L		7	1.12	7.8	7	0	0	0	0	0	<.2	1	<.2		0	—	—	—	14.0		STOP BOAT AT SEG. END FOR T.V. NO FATHOGRAM FOR SEG.
ST 19	1540.8	—	—	190	— / —	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—		—	—	—	—	—		PT S NOT ON FATHOGRAM.
U 20	1619.0	7.2	1.7	010	150 / 120	160	130	L		24	1.49	36.8	24	0	0	0	0	0	<.2	3	.2		1	7	25	160	14.0		
V 21	1627.1	10.2	1.4		120 / —	130	—	L		44	1.04	45.8	44	0	0	0	0	0	<.2	3	<.2		0	—	—	—	14.1		
W 22	1635.2	13.6	2.3		120 / —	130	—	L		55	1.04	57.2	50	5	0	0	0	0	.2	5	.2		0	—	—	—	18.4		
X 23	1643.3	15.4	3.2		110 / 55	120	065	L		47	.99	46.5	47	0	0	0	0	0	<.2	3	<.2		2	2	13	15	22.0		
Y 24	1651.4	17.6	4.2		70 / —	080	—	L		52	.99	51.5	48	4	0	0	0	0	.2	3	.4		0	—	—	—	25.8		INCOMPLETE SONAR (ADJ. TO 1 KM) INCOMPLETE FATHO. TICK MARKS (100°T) W=4M L=50M
Z 25	1659.5	21.0	5.2		85 / —	95	—	L		66	.99	65.3	39	9	15	3	0	0	.8	5	.6		0	—	—	—	27.4		SONAR ADJ. TO 1 KM INCOMPLETE FATHO.
AA 26	1707.6	22.0	6.2		70 / 90	80	100	M		97	.99	96.0	50	17	16	7	7	0	1.0	8	1.0		4	5	30	055	—		SONAR QUAL. POOR. GAPS IN FATHO TICK MARKS (085°T) W=10M L=200M
ABB 27	1715.7	23.6	7.1		105 / 90	115	100	H		138	.98	135.2	100	9	18	8	2	1	1.4	8	1.0		2	4	18	25	28.2		SONAR ADJ. TO 1 KM.
BCC 28	1723.8	24.6	8.0		110 / —	120	—	L		79	.99	78.2	60	8	6	2	1	2	1.2	10	.9		3	5	38	145	30.2		
C ND	1731.9	25.8	9.0	↓	/																						31.8		
					/																								
					/																								
					/																								

LINE	3	DATE	248	YEAR	1975	GOUGE DEPTH DISTRIBUTION: >1 METER

SEGMENT	1.0-1.2	1.2-1.4	1.4-1.6	1.6-1.8	1.8-2.0	2.0-2.2	2.2-2.4	2.4-2.6	2.6-2.8	2.8-3.0	3.0-3.2	3.2-3.4	3.4-3.6	3.6-3.8	3.8-4.0
AABB	0	1	—												
BBCC	2	—													

RTT-1000

ICE GOUGE DATA RECORD 1975

VESSEL	KARLUK
TEMPLATE SIZE	4.0 KTS.

SEG. SCALE 1:1106

TRACKLINE	START TIME	START DEPTH	DISTANCE FROM COAST	SHIP'S COURSE	OBSERVED ORIENTATION ø	ADJUSTED ORIENTATION °T		ORIENTATION VARIABILITY	NUMBER OF INCISIONS	CORRECTION FACTOR	GOUGE DENSITY	INCISION DEPTH DISTRIBUTION METERS							MAXIMUM INCISION WIDTH	MAXIMUM RIDGE HEIGHT	MAXIMUM GOUGE LENGTH	MULTI-INCISION GOUGES				DEPTH TO FIRST REFLECTOR	SONAR RANGE	REMARKS
KM	HOURS MINUTES TENTHS	M	KM	°T	DOM / SUB	DOM	SUB	HIGH MED LOW	OBS	⊥	PER KM	NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	M	M	M	NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH (M)	DOMINANT ORIENTATION (°T)	M	M	
B 1	1753.0	25.6	8.5	200	70 / 120	270	320	M	144	.98	141 .1	98	12	9	12	7	6	1.4	8	1.0	260	2	4	13	240	32.0	12.5	TICK MARKS: ORIEN - 290°T W = 5M L = 100M NO. - 2
BC 2	1801.1	23.4	7.5	245	60 / 45	305	290	L	157	1.01	158 .6	100	20	21	9	5	2	1.2	6	1.2	310	2	3	17	290	29.0		
CD 3	1809.2	23.0	6.7		55 / 25	300	270	H	186	1.01	193 .4	110	24	28	17	7	0	1.0	10	.6	300	3	2	18	295	27.0		TICK MARKS IN SOME GOUGES - NO. 2 ORIEN - 275°T W = 4 M L = 100M
DE 4	1817.3	21.6	6.0		55 / 30	300	275	M	141	1.04	146 .6	120	18	2	1	0	0	.6	8	.4	175	3	5	30	295	28.1		TICK MARKS: NO. 3 ORIEN - 285°T W = 8M L = 100M SHOAL = DENSITY CHANGE
EF 5	1825.4	20.6	5.2		45 / 70	290	315	M	98	1.13	110 .7	89	9	0	0	0	0	.2	8	.2	700	3	3	13	35	29.6		TICK MARKS: NO.: 8 ORIEN - 290°T W = 6M L = 125M
FG 6	1833.5	19.8	4.5		70 / 150	315	35	M	87	.98	85 .3	79	8	0	0	0	0	.2	6	.2	300	4	4	18	30	27.6		CIRCLED FOR 22 MINUTES TO RECORD 4 METER HOLE ON SEA FLOOR. L = 100M TICK MARKS: NO: 4 ORIEN - 315°T W = 4M
H 7	1903.3	17.2	4.3		55 / 140	300	25	M	107	1.04	111 .3	—	—	—	—	—	—	—	8	—	300	4	3	10	25	22.8		NO PATHOGRAM FOR THIS SEGMENT TICK MARKS: NO. = 2 ORIEN - 280°T W = 3M L = 30M
I 8	1911.4	18.9	3.7		55 / 150	300	35	L	60	1.04	62 .4	51	6	1	1	1	0	.8	2	.2	310	3	4	12	40	—		PATHOGRAM ROLL CHANGE - POINT H IS NOT ON RECORD. TICK MARKS: NO. = 2 ORIEN - 280°T W = 2M L = 10M. 3 HOLES
J 9	1919.5	13.8	3.0		55 / 115	300	260	M	78	1.04	81 .1	53	22	3	0	0	0	.6	2	.2	75	0	—	—	—	19.8		7 KHz SHOWS FORESET BEDS (ENTER ZONE OF SHOALS). GROUNDED ICE LYING IN TROUGH CREATED BY WINDOW TO FORESET BEDS
K 10	1927.6	13.2	2.2		50 / —	295	—	L	55	1.08	59 .4	41	12	2	0	0	0	.5	3	.2	125	1	2	4	315	21.0		FUNNY BOTTOM - WINDOW IN SEA FLOOR ALLOWS OUTCROP OF FORESET BED MATERIAL TO END OF LINE.
KL 11	1935.7	10.8	1.6		40 / 05	285	250	L	32	1.20	48 .0	29	3	0	0	0	0	.2	2	.4	150	0	—	—	—	14.0		
LM 12	1943.8	9.0	1.0		40 / —	285	—	L	11	1.20	13 .2	9	2	0	0	0	0	.2	2	.2	125	0	—	—	—	12.2		
AM.5 13	1951.9	6.8	.6		55 / —	300	—	L	4	1.04	4.2	4	0	0	0	0	0	<.2	1	<.2	25	0	—	—	—	10.4		SONAR COVERAGE INCOMPLETE - ADJUSTED TO 1 KILOMETER SEG. SIZE. FATHOMETER READS TO PT. N
N END	2000	5.0	.4		/																					10.2		
					/																							
					/																							

LINE 4 | DATE 248 | YEAR 1975 | GOUGE DEPTH DISTRIBUTION: >1 METER

SEGMENT	1.0-1.2	1.2-1.4	1.4-1.6	1.6-1.8	1.8-2.0	2.0-2.2	2.2-2.4	2.4-2.6	2.6-2.8	2.8-3.0	3.0-3.2	3.2-3.4	3.4-3.6	3.6-3.8	3.8-4.0
AB	5	1													
BC	2														

RTT-1000

ICE GOUGE DATA RECORD 1975

VESSEL	KARLUK
TEMPLATE SIZE	3.0 / 4.0 / 5.1 KTS.

SEG SCALE = VARIABLE

ACKLINE 12	DATE 58	SEGMENT KM	START TIME HOURS MINUTES TENTHS	START DEPTH M	DISTANCE FROM COAST KM	SHIP'S COURSE °T	OBSERVED ORIENTATION ø DOM / SUB	ADJUSTED ORIENTATION °T DOM	ADJUSTED ORIENTATION °T SUB	ORIENTATION VARIABILITY HIGH MED LOW	NUMBER OF INCISIONS OBS	CORRECTION FACTOR ⊥	GOUGE DENSITY PER KM	INCISION DEPTH DISTRIBUTION METERS NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	MAXIMUM INCISION WIDTH M	MAXIMUM RIDGE HEIGHT M	MAXIMUM GOUGE LENGTH M	MULTI-INCISION GOUGES NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH(M)	DOMINANT ORIENTATION (°T)	DEPTH TO FIRST REFLECTOR M	SONAR RANGE M	REMARKS
		AB	1033 .0	1.4	5.0	310	— / —	—	—	—	—	—	—	—	0	0	0	0	0	—	—	—	—	0	—	—	—	—	(1:1276) 100	SONAR QUALITY POOR - CAN NOT SEE BOTTOM
2		BC	1040 .9	1.2	4.9		— / —	—	—	—	—	—	—	—	0	0	0	0	0	—	—	—	—	0	—	—	—	—		SONAR QUALITY POOR - CAN NOT SEE BOTTOM
3		CD	1048 .0	1.2	5.1		125 / —	75	—	L	13	1.07	13 .9	13	0	0	0	0	0	<.2	1	<.2	10	0	—	—	—	—		SONAR QUALITY POOR
4		DE	1055 .8	1.5	5.5		130 / —	80	—	L	36	1.12	40 .3	36	0	0	0	0	0	<.2	2	<.2	350	1	2	2	115	—		
5		EF	1103 .0	2.0	5.8	278	165 / —	88	—	L	100	2.81	281 .0	100	0	0	0	0	0	<.2	2	<.2	235	3	2	3	88	—	(1:818) 50	(.64 KM OF SONAR AT 50M RANGE. ADJUSTED TO 1 KM AT 50M RANGE. (GOUGE DENSITY NOT RELIABLE).
6		FG	1110 .8	2.0	6.0		170 / 155	88	73	L	79	2.90	213 .3	79	0	0	0	0	0	<.2	3	<.2	525	0	—	—	—	—	(1:1748) 100	-STRUDELS- SMALL STRUDELS (FEW)
7		GH	1117 .2	2.2	6.0		165 / 150	83	68	L	51	2.21	112 .9	51	0	0	0	0	0	<.2	2	<.2	550	1	2	3	88	—		
8		HI	1124 .0	2.3	6.0		165 / 150	83	68	L	51	2.21	112 .7	51	0	0	0	0	0	<.2	5	<.2	310	1	2	2	93	—		HEAVY STRUDEL SCOURING - MANY INFILLED (CORRECTED TO 1 KM DENSITY) 10 CM GOUGE AND 10 CM RIDGE ON BATS.
9		IJ	1131 .0	2.5	6.2		160 / —	78	—	L	76	2.29	174 .0	76	0	0	0	0	0	<.2	3	<.2	210	2	4	6	83	—	50	SEG. IS .5 KM AT 50M RANGE AND .5 KM AT 100M RANGE (ADJUSTMENT MADE) HEAVY STRUDEL SCOURING - INFILLED
10		JK	1137 .8	3.1	7.0	003	170 / 50	73	53	L	59	.99	58 .4	58	1	0	0	0	0	.2	2	<.2	325	2	3	8	08	—	(1:1748) 100	VERY HEAVY STRUDEL SCOURING - DIFFICULT TO OBSERVE GOUGES AT 100M RANGE. PROBABLY A HIGHER GOUGE DENSITY THAN
11		KL	1144 .5	3.9	8.1		40 / 125	43	128	L	116	1.26	146 .2	114	2	0	0	0	0	.2	6	.3	300	4	4	25	53	5.1		OBSERVED. HEAVY STRUDEL SCOURING - PRESSURE RIDGE SCOUR (175 M WIDE)
12		LM	1151 .2	4.6	9.0		75 / 100	78	103	L	69	.98	67 .6	69	0	0	0	0	0	<.2	2	<.2	260	1	2	5	148	7.0		LIGHT STRUDEL SCOURING TICK MARKS(1) 88°T L=145M W=2M
13		MN	1158 .0	5.1	10.1		65 / 115	68	118	L	47	1.01	47 .5	47	0	0	0	0	0	<.2	3	<.2	260	2	4	17	23	7.5		SHORT SEGMENT (ONLY 4 MIN.) - POSSIBLE NAVIGATION ERROR? TICK MARKS(1) 98°T L=95M W=3M
14		NO	1202 .4	5.5	11.0		110 / 65	113	68	M	108	.99	106 .9	106	2	0	0	0	0	.2	2	.2	225	2	2	13	78	7.4	(1:1276) 100	TICK MARKS(1) 88°T L=180M W=8M
15		OP	1211 .0	6.1	12.0		80 / 100	83	103	L	62	.98	60 .8	58	4	0	0	0	0	.3	3	.2	210	1	2	11	83	8.3		
16		PQ	1221 .5	6.6	13.0		95 / 65	98	68	L	63	.99	62 .4	61	2	0	0	0	0	.2	3	.2	215	1	2	3	18	9.0		(SMALL SHOAL AT PT. P)

ICE GOUGE DATA RECORD 1975

VESSEL	KARLUK
TEMPLATE SIZE	3.0 / 4.0 / 5.0 KTS.

KM	START TIME HOURS MINUTES TENTHS	START DEPTH M	DISTANCE FROM COAST KM	SHIP'S COURSE °T	OBSERVED ORIENTATION ø DOM/SUB	ADJUSTED ORIENTATION °T DOM	SUB	ORIENTATION VARIABILITY HIGH MED LOW	NUMBER OF INCISIONS OBS	CORRECTION FACTOR ⊥	GOUGE DENSITY PER KM	INCISION DEPTH DISTRIBUTION METERS NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	MAXIMUM INCISION WIDTH M	MAXIMUM RIDGE HEIGHT M	MAXIMUM GOUGE LENGTH M	MULTI-INCISION GOUGES NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH (M)	DOMINANT ORIENTATION (°T)	DEPTH TO FIRST REFLECTOR M	SONAR RANGE M	REMARKS
17 QR	1229 .7	7.1	14.0	003	100/60	103	63	L	68	.98	66 .6	63	4	1	0	0	0	.4	6	.4	227	0	—	—	—	9.1	(1:1276) 100	
18 RS	1238 .0	7.2	15.0		105/75	108	78	L	69	.98	67 .6	59	8	2	0	0	0	.5	9	.3	228	1	2	3	123	9.4		(FUNNY SUB BOTTOM)
19 ST	1245 .5	7.8	16.0		110/60	113	63	M	58	.99	57 .4	57	1	0	0	0	0	.2	6	.3	230	0	—	—	—	11.0	(1:1748) 100	(FUNNY SUB BOTTOM)
20 TU	1250 .7	8.0	16.9		100/50	103	53	M	43	.98	42 .1	38	10	0	0	0	0	.3	10	.3	270	0	—	—	—	10.2		(FUNNY SUB BOTTOM)
21 JV	1256 .2	8.2	18.0		50/100	53	103	L	54	1.12	60 .5	48	6	0	0	0	0	.2	8	.2	310	2	3	30	43	10.4		(FUNNY SUB BOTTOM)
22 JW	1303 .3	8.6	18.9		120/95	123	78	L	81	1.04	84 .2	75	6	0	0	0	0	.2	5	.2	768	1	2	15	108	10.9	(1:1276) 100	(FUNNY SUB BOTTOM) TICK MARKS (3) 73°T L=235M W=3M
23 JX	1311 .8	8.9	19.9		105/85	108	88	L	57	.98	55 .9	52	5	0	0	0	0	.2	3	.3	223	2	2	7	118	11.1		TICK MARKS (8) 103°T L=213M W=7M
24 KY	1320 .0	9.1	20.9		70/100	73	103	L	47	.99	46 .5	43	4	0	0	0	0	.2	5	.2	352	3	2	10	48	10.9		TICK MARKS (3) 93°T L=205M W=11M
25 JZ	1329 .9	9.2	21.9		110/90	113	93	L	51	.99	50 .5	50	1	0	0	0	0	.2	2	.2	250	3	2	18	108	11.4		(FUNNY SUB BOTTOM) TICK MARKS (5) 103°T L=210M W=3M
26 KAA	1335 .4	9.5	22.9		115/70	118	73	L	60	1.01	60 .6	58	1	1	0	0	0	.5	6	.3	390	2	5	14	163	11.5		(FUNNY SUB BOTTOM) TICK MARKS (3) 98°T L=207M W=5M
27 KBB	1343 .1	9.7	24.0		110/70	113	73	L	81	.99	80 .2	81	0	0	0	0	0	2.2	5	.3	1000	2	4	11	23	11.6		(FUNNY SUB BOTTOM) TICK MARKS (2) 103°T L=100M W=2M
28 KCC	1351 .0	9.9	25.0		100/70	103	73	M	73	.98	71 .5	70	3	0	0	0	0	.2	3	.2	292	2	3	15	103	11.7		(ONLY .5 KM OF SEG. ON FATHOGRAM) (FUNNY SUB BOTTOM) TICK MARKS (14) 88°T L=222M W=12M
29 KDD	1359 .0	—	26.0		90/70	93	73	L	57	1.00	57 .0	52	5	0	0	0	0	.2	5	.2	280	0	—	—	—	—		(PT. CC NOT ON FATHOGRAM - ONLY .5 KM OF FATHOGRAM) (FUNNY SUB BOTTOM) TICK MARKS (7) 88°T L=203M W=7M
30 KEE	1407 .3	9.8	27.0		120/90	123	93	L	39	1.04	40 .6	37	2	0	0	0	0	.2	2	.3	235	0	—	—	—	11.8		(FUNNY SUB BOTTOM) TICK MARKS (8) 93°T L=200M W=5M
31 KFF	1415 .9	10.0	27.8		115/80	118	83	L	54	1.01	54 .5	48	6	0	0	0	0	.3	5	.2	225	1	2	7	118	11.8		(FUNNY SUB BOTTOM) TICK MARKS (9) 93°T L=210M W=12M
32 KGG	1422 .9	10.0	28.8		105/80	108	83	L	63	.98	61 .7	53	10	0	0	0	0	.3	3	.4	200	1	2	10	118	13.1		(FUNNY SUB BOTTOM) TICK MARKS (5) 83°T L=105M W=5M

ICE GOUGE DATA RECORD

1975

VESSEL	KARLUK
TEMPLATE SIZE	3.0 4.0 5.1 KTS.

TRACKLINE	START TIME (HOURS MINUTES TENTHS)	START DEPTH (M)	DISTANCE FROM COAST (KM)	SHIP'S COURSE (°T)	OBSERVED ORIENTATION (°) DOM / SUB	ADJUSTED ORIENTATION °T DOM	ADJUSTED ORIENTATION °T SUB	ORIENTATION VARIABILITY (HIGH MED LOW)	NUMBER OF INCISIONS OBS	CORRECTION FACTOR ⊥	GOUGE DENSITY PER KM	INCISION DEPTH DISTRIBUTION METERS: NMP	.2-.4	.4-.6	.6-.8	.8-1.0	>1	MAX	MAXIMUM INCISION WIDTH (M)	MAXIMUM RIDGE HEIGHT (M)	MAXIMUM GOUGE LENGTH (M)	MULTI-INCISION GOUGES: NUMBER	MAXIMUM INCISIONS PER GOUGE	MAXIMUM DISRUPTION WIDTH (M)	DOMINANT ORIENTATION (°T)	DEPTH TO FIRST REFLECTOR (M)	SONAR RANGE (M)	REMARKS
33 GHH	1429 .9	10.2	29.8	003	175 / 105	178	108	M	67	.98	66 .7	58	9	0	0	0	0	.2	A	.2	200	0	—	—	—	13.1	(1:1296) 100	(FUNNY SUB BOTTOM) TICK MARKS (3) 98°T L=205M W=12M
34 HII	1437 .0	10.3	30.7		130 / 80	133	83	L	63	1.12	70 .6	57	6	0	0	0	0	.2	10	.3	300	0	—	—	—	13.2	(1:1748) 100	(FUNNY SUB BOTTOM)
35 JJ	1443 .8	10.5	31.7		110 / 55	113	58	L	47	.99	46 .5	43	4	0	0	0	0	.2	7	.2	312	0	—	—	—	13.4		(FUNNY SUB BOTTOM) TICK MARKS (1) 93°T L=200M W=11M
36 JKK	1449 .2	10.7	32.7		115 / 30	118	33	L	71	1.01	71 .7	63	8	0	0	0	0	.2	10	.2	450	2	2	22	138	14.0		(FUNNY SUB BOTTOM) TICK MARKS (4) 58°T L=265M W=12M
37 LL	1455 .5	10.7	33.7	000	70 / 115	70	115	M	118	.99	116 .8	93	15	10	0	0	0	.5	7	.4	262	4	3	17	115	14.5	(1:1276) 100	(FUNNY SUB BOTTOM) TICK MARKS (2) 100°T L=165M W=6M (SONAR DOWN 30 SEC. - SEG. ADJUSTED TO 1 KM)
38 MM	1504 .0	10.7	34.6		110 / 45	110	45	L	76	.99	75 .2	57	17	2	0	0	0	.4	7	.4	335	5	2	19	55	14.4		FUNNY SUB BOTTOM
39 NN	1512 .2	10.8	35.6		75 / 100	75	100	M	72	.98	70 .6	44	19	7	2	0	0	.7	8	.4	315	2	3	13	120	15.7		TICK MARKS (1) 85°T L=204M W=18M
40 OO	1519 .7	10.9	36.6		65 / 80	65	80	L	102	1.01	103 .0	72	18	10	2	0	0	.7	11	.5	322	3	4	14	60	18.1		LOWER SUB BOTTOM REFLECTOR BEGINS MIDWAY THROUGH THE SEGMENT. FUNNY SUB BOTTOM SMOOTHS OUT IN UPPER REFLECTOR
41 PP	1528 .0	11.2	37.7		115 / 60	115	60	M	121	.99	119 .8	85	29	6	1	0	0	.6	7	.5	380	5	5	40	55	14.7 / 18.7	(1:1695) 125	TICK MARKS (1) 80°T L=260M W=22M
42 QQ	1536 .0	11.6	38.7		85 / 100	85	100	L	71	.98	69 .6	48	17	6	0	0	0	.5	15	.7	335	1	2	21	130	15.0 / 19.2		TICK MARKS (1) 95°T L=210M W=4M
43 RR	1544 .0	11.7	39.7		85 / 110	85	110	L	55	.98	53 .9	37	14	4	0	0	0	.5	7	.9	260	1	2	13	125	15.1 / 16.2		
44 SS	1551 .5	12.2	40.7		70 / 105	70	105	M	80	.98	78 .4	55	18	6	1	0	0	.6	6	.5	285	3	2	30	75	16.5 / 19.9		
45 TT	1559 .8	12.3	41.7		70 / 115	70	115	M	63	.98	61 .7	46	17	0	0	0	0	.3	5	.3	168	3	3	25	130	16.6 / 21.9		
ND TT	1608 .0	12.5	42.7		/																					17.7 / 22.2		
					/																							
					/																							

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