TRACKLINE 71

ICE GOUGE DATA RECORD 1977

VESSEL: KARLUK
TEMPLATE SIZE: 3.0 KTS.

DATE / 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
QR 17	1046 .4	24.1	25.1	005	— / —	—	—	—	—	—	—	—	—	—	—	—	—	1.2	—	1.5	—	—	—	—	—	29.7	125	(NO SONAR)
RS 18	1058 .4	24.9	26.2	350	60 / 120	50	110	M	157	1.01	158 .6	52	65	27	5	7	1	1.5	2.0	1.4	295	6	3	18	110	30.4		(SEGMENT .75 KM - ADJUSTED TO 1 KM (PT. R NOT ON SONAR). 7 KM REFLECTO PINCH OUT AT SEA FLOOR SURFACE NEAR S
ST 19	1107 .5	25.4	27.2		115 / 145	105	135	M	193	.99	191 .1	56	62	55	15	5	0	1.0	8	1.0	300	12	3	33	355	—		TICK MARKS (|) 80° L=250M W=5M
TU 20	1117 .0	25.5	27.7		140 / 160	130	150	M	157	1.20	188 .4	32	69	38	13	5	0	1.0	10	1.6	1000	7	6	37	140	—		
UV 21	1127 .0	26.5	28.3		125 / 155	115	135	L	153	1.04	159 .1	20	69	41	14	9	2	1.1	22	1.4	590	5	6	56	155	32.2		TICK MARKS (|) 80°T L=113M W=10M
VW 22	1138 .5	27.5	29.3		135 / 115	125	105	L	151	1.13	170 .6	16	78	30	10	11	7	1.3	10	1.6	349	5	7	25	35	33.1		
WX 23	1148 .9	27.0	30.1		110 / 50	100	40	M	145	.98	142 .1	78	32	19	12	3	1	1.1	7	1.0	323	2	2	13	130	35.0		
XY 24	1158 .6	28.1	31.0		105 / 125	95	115	L	136	.97	131 .9	40	53	20	8	7	8	1.5	20	1.3	670	4	3	25	115	36.0		
YZ 25	1209 .0	29.0	31.8	225	175 / 70	60	295	M	110	2.97	326 .9	8	72	23	7	0	0	.8	7	.9	305	2	3	12	275	34.3		CHANGE IN COURSE CAUSES PROBLEM WITH OBSERVED NO. OF INCISIONS. BOTH ORIENTATIONS ARE DOMINENT.
ZAA 26	1219 .7	28.8	32.1		165 / 45	30	270	L	148	2.00	296 .0	45	65	25	7	6	0	1.0	16	1.5	687	5	4	22	275	—		HEAVY PRESSURE RIDGE GOUGING - COURSE ~ // TO ORIENTATIONS CAUSING SOME DIFFICULTY IN COUNT.
AABB 27	1232 .5	28.1	31.2		35 / 175	260	40	L	183	1.28	234 .2	69	61	30	11	10	2	1.4	15	1.3	622	9	4	48	265	34.7		// COURSE TO ORIENTATION MAKES OBSERVATION OF GOUGES <90 CM ON FATHOGRAM DIFFICULT
BBCC 28	1245 .2	27.6	30.4		45 / 195	290	40	M	226	1.13	255 .4	85	89	29	11	9	5	1.6	45	1.5	375	6	5	21	265	—		SHOAL - CHANGE IN GOUGE DENSITY
CCDD 29	1259 .2	28.8	29.6		40 / 65	265	290	L	114	1.20	136 .8	39	49	19	4	3	0	.9	22	1.0	375	3	5	34	235	33.6		
DDEE 30	1308 .3	28.0	28.8		40 / 55	265	280	L	144	1.20	172 .8	61	53	19	7	4	0	1.0	15	.7	510	4	2	9	235	—		(SEG. .80 KM - ADJUSTED TO 1 KM ON SONAR (.6 KM ON FATHOGRAM)
EEFF 31	1319 .7	26.7	28.0		40 / 80	265	305	M	118	1.20	141 .6	4	75	30	7	2	0	1.0	11	1.7	495	3	2	4	255	33.3 / 36.2		STOP 1325 (SEG .5 KM - ADJUSTED TO 1 KM). PT. EE NOT ON SONAR
FFGG 32	1544 .0	25.0	27.2		40 / 60	265	285	M	156	1.20	187 .2	73	54	22	3	3	1	1.1	20	.9	825	1	4	27	255	34.8		

ICE GOUGE DATA RECORD

TRACKLINE: 71 | DATE: 259 | 1977

VESSEL: KARLUK | TEMPLATE SIZE: 3.0 KTS.

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	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
GGHH 33	1555 .4	24.1	26.5	225	40 / 170	265	035	M	142	1.20	170 .4	56	52	17	5	7	5	2.0	12	1.5	517	3	10	40	30	32.4	125	
HHII 34	1606 .1	23.2	25.8		55 / 45	280	290	L	12.9	1.04	134 .2	51	39	23	7	7	2	1.5	12	1.3	282	7	6	36	260	31.1		
IIJJ 35	1616 .0	21.4	25.0		60 / 35	285	260	L	182	1.01	183 .8	54	62	32	14	13	7	1.5	13	1.4	680	3	4	40	255	30.8		
JJKK 36	1630 .0	21.3	24.1	180	115 / 55	295	235	M	207	.97	200 .8	100	81	21	3	2	0	.9	8	1.1	233	6	5	29	305	29.8		SHOAL
KKLL 37	1643 .5	19.0	22.9		110 / 60	290	240	M	145	.98	142 .1	34	67	27	11	3	3	1.3	5	.6	260	3	4	10	340	27.1		TICK MARKS (2) 240°T L= 39M W= 2M
LLMM 38	1656 .8	18.1	21.9	155	125 / 155	280	310	L	124	1.04	129 .0	29	55	30	7	2	1	1.1	3	.8	395	3	2	7	285	25.7		
MMNN 39	1709 .5	19.0	20.9		115 / 100	270	255	L	133	.97	129 .0	31	59	22	10	9	2	1.2	6	1.0	310	3	3	15	295	23.7		
NNOO 40	1721 .0	19.1	19.9		125 / 90	280	245	L	139	.99	137 .6	46	37	31	13	10	2	1.1	8	1.0	350	5	3	12	305	24.7		
OOPP 41	1731 .1	18.0	19.1		120 / 65	275	220	M	187	1.01	188 .9	83	52	29	12	8	3	1.5	8	.7	410	3	2	12	300	23.2		
PPQQ 42	1741 .4	14.8	18.1	190	50 / 10	240	200	M	152	1.08	164 .2	68	68	13	3	0	0	.7	3	1.0	175	1	5	20	235	23.9		(STOP FOR DIVE 1744 TO 1917) MAJOR SHOAL-CHANGE IN GOUGE DENSITY
QQRR 43	1927 .5	17.0	17.1		30 / 90	220	280	L	38	1.38	52 .4	10	25	2	1	0	0	.7	5	.6	290	1	5	20	235	24.4		
RRSS 44	1937 .3	18.7	16.2		90 / 40	280	230	L	17	1.00	17 .0	6	10	1	0	0	0	.5	3	.6	190	0	—	—	—	24.0 / 26.3		
SSTT 45	1946 .9	19.1	15.2		65 / 90	255	280	L	19	.99	18 .8	6	12	1	0	0	0	.5	5	.7	100	0	—	—	—	24.0		
TTUU 46	1957 .7	19.6	14.2		90 / 55	280	245	L	18	1.00	18 .0	8	9	1	0	0	0	.5	11	.8	250	0	—	—	—	24.5 / 26.5 / 30.2		FATHOGRAM SHOWS FORE SET BEDS ON 7 KM.
UUVV 47	2007 .9	20.1	13.2		90 / 60	280	250	L	22	1.00	22 .0	10	11	1	0	0	0	.4	7	.4	307	0	—	—	—	27.7		(TWO BEDS PINCH OUT BEFORE PT. UU)
VV END	2019 .0	19.0	12.1		/																					25.9		

LINE	71	DATE	259	YEAR	1977	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
FG	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
GH	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
HI	4	5	2	—	—	—	—	—	—	—	—	—	—	—	—
IJ	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
JK	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
KL	1	0	1	1	—	—	—	—	—	—	—	—	—	—	—
PQ	4	1	3	—	—	—	—	—	—	—	—	—	—	—	—
QR	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RS	0	0	1	—	—	—	—	—	—	—	—	—	—	—	—
UV	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VW	5	2	—	—	—	—	—	—	—	—	—	—	—	—	—
WX	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
XY	2	3	3	—	—	—	—	—	—	—	—	—	—	—	—
AABB	0	2	—	—	—	—	—	—	—	—	—	—	—	—	—
BBCC	1	2	1	1	—	—	—	—	—	—	—	—	—	—	—
FFGG	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GGHH	1	1	0	0	2	1	—	—	—	—	—	—	—	—	—
HHII	0	1	1	—	—	—	—	—	—	—	—	—	—	—	—
IIJJ	2	4	1	—	—	—	—	—	—	—	—	—	—	—	—
KKLL	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—

LINE	71	DATE	259	YEAR	77	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
LLMM	1														
MMNN	2														
NNOO	2														
OOPP	1	1	1												

RTT-1000

SONAR QUALITY POOR DUE TO ROU SEAS
FATHOGRAM UNUSABLE FOR ENTIRE TRACKLINE } SEE REMARKS FOR ADDITIONAL INFORMATION

ICE GOUGE DATA RECORD 1977

TR. LINE: 76 | DATE: 264 | SEGMENT

VESSEL	KARLUK
TEMPLATE SIZE	2.8 KTS.

SEG. SCALE 1:839

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 1	0913.0	8.4	—	030	55/—	85	—	L	2	1.04	2.1	—	—	—	—	—	—	—	3	—	50	0	—	—	—	13.3	125	ROUGH WATER PRECLUDES USE OF FATHOGRAM FOR ENTIRE TRACKLN
BC 2	0925.5	6.6	—	↓	—/—	—	—	—	0	—	0	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—		
CD 3	0940.5	6.0	—	025	—/—	—	—	—	0	—	0	—	—	—	—	—	—	—	—	—	—	0	—	—	—	12.7		
DE 4	0954.7	6.7	—	030	—/—	—	—	—	0	—	0	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—		
EF 5	1007.2	5.5	—		50/10	80	40	L	14	1.08	15.1	—	—	—	—	—	—	—	2	—	65	0	—	—	—	13.1		
FG 6	1020.5	10.2	—		50/25	80	55	L	78	1.08	84 .2	—	—	—	—	—	—	—	4	—	295	3	2	5	55	—		TICK MARKS (1) ORIENT 55°T L=100M SHOAL W=2M
GH 7	1036.0	11.7	4.9		40/20	70	50	L	116	1.20	139 .2	—	—	—	—	—	—	—	3	—	530	4	9	40	75	18.0		
HI 8	1050.5	13.7	5.2		50/40	80	170	M	88	1.08	95 .0	—	—	—	—	—	—	—	5	—	315	4	4	10	50	—		
IJ 9	1059.3	15.7	5.8		25/165	55	195	M	144	1.54	221 .8	—	—	—	—	—	—	—	6	—	300	15	16	55	55	21.9		
JK 10	1112.0	19.0	6.3		25/10	55	40	M	158	1.54	243 .3	—	—	—	—	—	—	—	6	—	290	7	10	52	40	25.2		
KL 11	1125.8	20.1	7.0		35/20	65	50	L	82	1.28	105 .0	—	—	—	—	—	—	—	9	—	225	3	3	13	50	26.8		
LM 12	1138.5	20.6	7.8		40/20	70	50	L	75	1.20	90 .0	—	—	—	—	—	—	—	10	—	320	2	2	12	50	—		(CHANGE SPEED TO 4.25 KTS) GOUGE TERMINATION (PUSH MORAINE) HOLES IN SEA FLOOR
MN 13	1151.2	21.0	8.7		25/55	55	85	L	154	1.54	237 .2	—	—	—	—	—	—	—	10	—	300	5	15	47	55	—		SEAMUKI SHOAL (DEPTH) - GOUGE DENSITY CHANGE.
NO 14	1203.0	24.4	9.6		45/20	75	50	M	133	1.13	150 .3	—	—	—	—	—	—	—	5	—	225	10	8	65	60	—		
OP 15	1213.7	25.6	10.4		50/70	80	100	M	127	1.08	137 .2	—	—	—	—	—	—	—	5	—	275	9	5	18	80	—		
PQ 16	1226.8	27.5	11.4	↓	40/25	70	55	L	95	1.20	114 .0	—	—	—	—	—	—	—	6	—	310	6	8	70	60	—	↓	

ICE GOUGE DATA RECORD 1977

TRACKLINE: 76 | DATE: 264 | SEGMENT

VESSEL: KARLUK | TEMPLATE SIZE: 2.8 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	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
QR 17	1237.4	28.7	12.3	030	45/90	75	120	L	99	1.13	111 .9	—	—	—	—	—	—	—	10	-	595	7	6	40	75	-	125	
RS 18	1250.0	27.8	13.2		45/60	75	90	L	166	1.13	187 .6	—	—	—	—	—	—	—	9	-	280	8	7	63	70	-		
ST 19	1302.0	28.8	14.1		50/05	80	45	M	145	1.08	156 .6	—	—	—	—	—	—	—	6	-	510	7	23	120	35	—		
TU 20	1314.0	30.7	15.1		35/10	65	40	M	133	1.28	170 .2	—	—	—	—	—	—	—	8	-	400	9	11	82	40	-		
UV 21	1326.2	31.7	16.1		165/65	195	95	L	71	2.00	142 .0	—	—	—	—	—	—	—	8	-	640	6	7	38	185	-		
VW 22	1338.5	32.1	16.8		45/—	75	—	L	61	1.13	68 .9	—	—	—	—	—	—	—	4	-	350	3	6	55	75	-		
WX 23	1351.9	33.8	17.7		50/—	80	—	L	138	1.08	149 .0	—	—	—	—	—	—	—	4	-	330	7	3	10	80	-		
XY 24	1405.0	34.6	18.7		50/—	80	—	L	106	1.08	114 .5	—	—	—	—	—	—	—	8	-	310	5	5	45	75	—		SONAR INCOMPLETE - COVERAGE OF SEGMENT FOR .7 KM ONLY. ADJUSTED TO ONE KM.
YZ 25	1416.2	35.1	19.7		50/110	80	140	L	64	1.08	69 .1	—	—	—	—	—	—	—	5	-	350	5	6	35	85	—		
ZAA 26	1427.6	36.1	20.7		40/60	90	70	L	50	1.20	60 .0	—	—	—	—	—	—	—	4	—	300	1	3	25	90	-		
AABB 27	1440.9	37.2	21.7	120	155/—	275	—	L	74	1.54	114 .0	—	—	—	—	—	—	—	5	-	400	5	8	70	275	—		
BBCC 28	1452.7	37.3	22.2		155/—	275	—	L	105	1.54	161 .7	—	—	—	—	—	—	—	5	-	450	5	9	40	275	—		
CCDD 29	1503.8	36.9	22.4		145/—	265	-	L	87	1.28	111 .4	—	—	—	—	—	—	—	4	-	415	6	12	75	265	—		SONAR QUALITY POOR DUE TO WAVE ACTION. BOTTOM IS COVERED WITH GOUGING FROM PRESSURE RIDGE KEEL
DDEE 30	1514.3	37.0	22.5	184	115/—	299	-	L	64	.99	63 .4	—	—	—	—	—	—	—	3	-	300	1	6	40	270	—		GOUGE CLARITY LOSS AT COURSE CHANGE GOUGE DENSITY IS A FACTOR OF THIS CHANGE AND NOT NECESSARILY LOWER NUMBERS.
EEFF 31	1523.4	36.7	21.9		90/—	274	-	L	75	1.00	75 .0	—	—	—	—	—	—	—	8	-	250	1	3	30	319	—		
FFGG 32	1534.2	36.0	21.1	175	90/—	265	-	L	66	1.00	66 .0	—	—	—	—	—	—	—	10	-	250	1	3	30	319	—		

ICE GOUGE DATA RECORD 1977

TRACKLINE: 76 | DATE: 264 | SEGMENT

VESSEL: KARLUK | TEMPLATE SIZE: 2.8 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
GGHH 33	1544.7	34.7	20.3	175	90/-	265	—	L	59	1.00	59.0	—	—	—	—	—	—	—	10	—	300	1	3	30	325	—	125	TICK MARKS (3) ORIEN: 265°T L=200 W=8 RELIEF ON SONAR POOR DUE TO ANGLE OF GOUGES TO TRK.LN.(90°). THIS
HHII 34	1556.0	34.1	19.7		90/0	265	175	M	79	1.00	79.0	—	—	—	—	—	—	—	20	—	360	2	6	30	175	—		ANGLE SHOWS TICK MARK RELIEF BETTER THAN ANY OTHER. GOUGE TROUGH RELIEF ALSO GOOD. MANY SHOW A TICK MARK LIKE APPEARANCE IN THE TROUGH, OTHERS
IIJJ 35	1606.8	33.3	18.8		115/90	290	265	M	87	.99	86.1	—	—	—	—	—	—	—	10	—	360	4	4	38	310	—		SHOW A BROAD SMOOTH BOTTOM. TICK MARKS (1) ORIEN: 265°T L= 210 M W= 9 M
JJKK 36	1617.3	32.3	17.8		90/125	265	300	M	84	1.00	84.0	—	—	—	—	—	—	—	25	—	400	2	4	48	295	—		
KKLL 37	1628.1	31.6	16.8		90/120	265	295	M	119	1.00	119.0	—	—	—	—	—	—	—	10	—	305	4	11	65	225	—		
LLMM 38	1639.2	30.8	15.8		90/125	265	300	L	74	1.00	74.0	—	—	—	—	—	—	—	6	—	330	1	2	7	315	—		
MMNN 39	1650.4	28.9	14.8		120/90	295	265	L	98	1.01	99.0	—	—	—	—	—	—	—	7	—	315	3	4	25	325	—		TICK MARKS (5) ORIEN: 270°T L: 210 M W: 9 M
NNOO 40	1702.3	29.1	13.7		125/90	300	265	M	122	1.04	126.9	—	—	—	—	—	—	—	8	—	280	1	2	12	335	—		
OOPP 41	1713.5	28.5	12.7		115/60	290	235	H	153	.99	151.5	—	—	—	—	—	—	—	7	—	290	6	9	40	300	—		
PPQQ 42	1725.5	26.7	11.7		125/55	300	230	H	143	1.04	148.7	—	—	—	—	—	—	—	8	—	545	4	7	50	230	—		
QQRR 43	1737.0	23.1	10.7		130/60	305	235	H	186	1.08	200.1	—	—	—	—	—	—	—	10	—	290	4	3	12	235	—		
RRSS 44	1748.2	24.8	9.6		50/125	225	300	H	204	1.08	220.3	—	—	—	—	—	—	—	8	—	320	9	12	43	220	—		
SSTT 45	1800.0	22.7	8.6		65/150	240	325	vH	217	.99	214.8	—	—	—	—	—	—	—	8	—	450	9	5	27	180	—		ABRUPT ORIENTATION CHANGE OF GOUGE FLOW DIRECTION INFERRED IS 180°T CHANGING TO 330°T AFTER STOP.
TTUU 46	1811.9	21.0	7.5		60/25	235	200	H	203	1.01	205.3	—	—	—	—	—	—	—	12	—	410	10	6	42	200	—		TICK MARKS (1) ORIEN: 270°T L=115M W=5 M
VUVV 47	1823.2	19.2	6.5		60/175	235	350	M	118	1.01	119.2	—	—	—	—	—	—	—	8	—	250	3	6	23	350	—		GOUGE TERMINATION W/PUSH MORAINE SHOAL (BENCH)
VVWW 48	1835.2	16.6	5.5	↓	60/120	235	295	L	105	1.01	106.1	—	—	—	—	—	—	—	3	—	295	2	2	10	295	—	↓	

ICE GOUGE DATA RECORD 1977

TRACKLINE: 76

VESSEL: KAPLUK

TEMPLATE SIZE: 2.8 KTS.

DATE / 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
WWXX 99	1846.9	15.4	4.5	175	60 / —	235	—	L	102	1.01	103 .0	—	—	—	—	—	—	—	4	—	270	2	2	17	215	21.0	125	GOUGE TERMINATION W/PUSH MARKING TICK MARKS (3) ORIEN: 265°T L=80M W=3
XXYY 50	1857.9	13.5	3.5		50 / —	225	—	L	46	1.08	49 .7	—	—	—	—	—	—	—	3	—	310	1	2	12	225	18.8		HOLES IN SEA FLOOR
YYZZ 51	1909.1	12.5	2.4		50 / 155	225	330	M	32	1.08	34 .6	—	—	—	—	—	—	—	2	—	165	0	—	—	—	17.1		HOLES IN SEA FLOOR
ZZAAA 52	1919.5	12.0	1.3		50 / —	225	—	L	24	1.08	25 .9	—	—	—	—	—	—	—	2	—	140	0	—	—	—	16.2		HOLES IN SEA FLOOR
END AAA	1931.0	9.8	0.3																							15.8		