ICE GOUGE DATA RECORD 1973

TRACKLING: 12

VESSEL	LOOM
TEMPLATE SIZE	5,1 KTS.

SEGMENT KM	DATE	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
17 QR	234	0951 .9	5.5	–	40	–/–	–	–	–	0	–	0	–	–	–	–	–	–	<.3	–	<.3	–	0	–	–	–	–	150	
18 RS		0957 .8	6.4	–		45/–	85	–	L	2	1.09	2.2	2	0	0	0	0	0	<.3	2	<.3	14	0	–	–	–	–		
19 ST		1004 .8	6.8	–		–/–	–	–	–	0	–	0	–	–	–	–	–	–	<.3	–	<.3	–	0	–	–	–	–		
20 TU		1012 .2	7.2	–		–/–	–	–	–	0	–	0	–	–	–	–	–	–	<.3	–	<.3	–	0	–	–	–	–		
21 UV		1019 .2	7.6	–		65/–	105	–	L	1	.97	1.0	1	0	0	0	0	0	<.3	3	<.3	75	0	–	–	–	–		SAND RIPPLES (130°T)
22 VW		1026 .0	7.4	–		–/–	–	–	–	0	–	0	–	–	–	–	–	–	<.3	–	<.3	–	0	–	–	–	–		SAND RIPPLES (135°T)
23 WX		1032 .9	7.0	–		45/–	85	–	L	2	1.09	2.2	2	0	0	0	0	0	<.3	2	<.3	110	0	–	–	–	–		SAND RIPPLES (105°T)
24 XY		1040 .3	6.5	–		–/–	–	–	–	–	–	–	–	–	–	–	–	–	<.3	–	<.3	–	–	–	–	–	–		NO SONAR THIS SEGMENT
25 YZ		1047 .2	5.5	–		40/–	80	–	L	7	1.15	8.1	7	0	0	0	0	0	<.3	3	<.3	270	0	–	–	–	–		
26 ZAA		1054 .7	4.8	–		45/–	85	–	L	26	1.09	2.8 .3	26	0	0	0	0	0	<.3	2	<.3	50	0	–	–	–	–		
END AA		1100 .0	4.0	–		/																					–		
						/																							
						/																							
						/																							
						/																							
						/																							

SIMRAD

ICE GOUGE DATA RECORD 1973

TRACKLINE: 13 | DATE: 234 | SEGMENT

VESSEL: LOON | TEMPLATE SIZE: 4.5 KTS.

SEG. SCALE 1:1953

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	1224.0	9.5	-	340	—/—	—	—	—	0	—	0	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—	150	
BC 2	1231.2	6.6	-		25/—	005	—	L	1	1.44	1.4	1	0	0	0	0	0	<.3	1	<.3	50	0	—	—	—	—		FUNNY BOTTOM
CD 3	1238.4	8.4	-		155/—	135	—	L	2	1.44	2.9	2	0	0	0	0	0	<.3	3	<.3	40	0	—	—	—	—		FUNNY BOTTOM AND FORESET BEDS
DE 4	1245.6	8.3	-		55/—	035	—	M	4	1.01	4.0	4	0	0	0	0	0	<.3	2	<.3	110	0	—	—	—	—		FUNNY BOTTOM WITH HOLES IN SEA FLOOR (5)
EF 5	1252.8	9.4	-		135/45	115	25	L	5	1.09	5.5	5	0	0	0	0	0	<.3	2	<.3	38	0	—	—	—	—		FUNNY BOTTOM AND FORESET BEDS
FG 6	1300.0	10.0	4.1		55/—	035	—	L	6	1.01	6.1	6	0	0	0	0	0	<.3	8	<.3	110	0	—	—	—	—		SONAR QUALITY POOR -
GH 7	1307.2	10.9	3.6		55/—	035	—	L	7	1.01	7.1	7	0	0	0	0	0	<.3	4	.5	35	0	—	—	—	—		SONAR QUALITY POOR - HOLES IN SEA FLOOR (4)
HI 8	1314.4	11.8	3.5		40/—	020	—	L	11	1.15	12/1.9	8	2	1	0	0	0	.5	3	.5	160	0	—	—	—	—		SONAR QUALITY VERY POOR -
IJ 9	1321.6	12.8	3.6		50/—	030	—	L	22	1.04	22/.9	18	2	2	0	0	0	.5	2	<.3	225	0	—	—	—	—		SONAR QUALITY POOR - HOLES IN SEA FLOOR (2)
JK 10	1328.8	13.5	3.9		55/—	035	—	L	11	1.01	11/.1	10	1	0	0	0	0	.3	2	<.3	175	0	—	—	—	—		SONAR QUALITY POOR -
KL 11	1336.0	14.4	4.3		100/—	080	—	L	9	.96	8.6	7	2	0	0	0	0	.3	3	<.3	210	0	—	—	—	—		(SEGMENT ON SONAR .75 Km - ADJUSTED TO ONE KILOMETER)
LM 12	1343.2	15.0	4.9		—/—	—	—	—	—	—	—	—	—	—	—	—	+	<.3	—	<.3	—	—	—	—	—	—		NO SONAR
MN 13	1350.4	16.7	5.6		—/—	—	—	—	—	—	—	—	—	—	—	—	—	<.3	—	<.3	—	—	—	—	—	—		NO SONAR
NO 14	1357.6	18.0	6.3		—/—	—	—	—	—	—	—	—	—	—	—	—	—	<.3	—	<.3	—	—	—	—	—	—		NO SONAR
OP 15	1404.8	19.1	6.9		—/—	—	—	—	—	—	—	—	—	—	—	—	—	.9	—	1.0	—	—	—	—	—	—		NO SONAR
PQ 16	1412.0	20.8	7.7		—/—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	—	1.1	—	—	—	—	—	—		NO SONAR - [illegible] SHOAL - CHANGE IN DENSITY ON SIMRAD

TRACKLINE 13

ICE GOUGE DATA RECORD 1973

VESSEL: LOUIS
TEMPLATE SIZE: 4.5 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 RANGES M	REMARKS
QR 17	1419.2	21.6	8.1	340	— / —	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—	.6	—	—	—	—	—	—	150	NO SONAR
RS 18	1426.4	23.6	8.4		— / —	—	—	—	—	—	—	—	—	—	—	—	—	1.2	—	1.0	—	—	—	—	—	—		NO SONAR
ST 19	1433.6	24.6	8.9		125 / 150	105	130	L	98	1.01	99 .0	66	10	14	6	2	0	1.0	10	1.2	350	1	2	20	130	—		(SONAR FOR LAST .5 KM OF SEGMENT (ADJUSTED TO 1 KM)
TU 20	1440.8	26.8	9.3		125 / 135	105	115	L	84	1.01	84 .8	40	30	7	3	1	3	1.2	8	.8	350	2	5	35	120	—		TICK MARKS (1) ORIEN: 70°T L= 95M W=20
UV 21	1448.0	27.8	9.9		125 / 105	105	085	L	78	1.01	78 .8	35	18	6	3	6	10	1.9	5	.9	650	2	7	32	150	—		
UW 22	1455.2	29.3	10.6		120 / 50	100	030	M	107	.98	104 .9	66	20	13	2	1	5	2.3	15	2.0	340	3	7	65	350	—		
WX 23	1502.4	29.3	11.2		115 / 130	095	110	L	88	.97	85 .4	40	23	11	6	4	4	1.2	4	.9	345	2	5	30	005	—		TICK MARKS (1) ORIEN: 95°T L=110M W: 8M
XY 24	1509.6	30.2	11.8		130 / 170	110	150	L	90	1.04	93 .6	48	24	10	5	3	0	.8	10	.6	725	2	4	22	155	—		
YZ 25	1516.8	31.5	12.6		135 / 160	115	140	L	84	1.09	91 .6	45	21	9	3	4	2	1.2	6	1.2	345	4	3	35	135	—		
ZAA 26	1524.0	32.2	13.3		135 / 155	115	135	L	85	1.09	92 .7	50	27	6	1	1	0	.9	5	.9	510	1	2	15	135	—		
AABB 27	1531.2	32.7	14.0		130 / 150	110	130	L	82	1.04	86 .3	42	26	8	2	3	1	1.0	5	1.0	375	2	2	10	120	—		
BBCC 28	1538.4	33.0	14.9		130 / —	110	—	L	59	1.04	61 .4	17	34	11	0	1	1	1.1	10	1.2	350	1	2	35	105	—		
CCDD 29	1545.6	33.2	15.6		125 / —	105	—	L	58	1.01	58 .6	25	12	13	5	2	1	1.0	8	.9	340	1	2	10	110	—		SONAR QUALITY POOR
DDEE 30	1552.8	33.4	16.4		140 / —	120	—	L	64	1.15	73 .6	25	23	8	3	4	1	1.6	12	1.2	375	2	4	40	135	—		SONAR QUALITY POOR
EE END	1600.0	34.0	17.2		/																					—		
					/																							

LINE	13	DATE	234	YEAR	1973	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
QR	–														
RS	–														
TU	3														
UV	4	1	2	1	2										
VW	3	1	0	0	0	0	1								
WX	4														
YZ	2														
AABB	1														
BBCC	1														
CCDD	1														
DDEE	0	0	1	–											

SIMRAD

ICE GOUGE DATA RECORD 1973

TRACKLINE: 14 | DATE: 234 | SEGMENT

VESSEL: LOON | TEMPLATE SIZE: 4.5 KTS. | SEG. SCALE 1:1953

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	1630.0	34.5	23.2	234	45/10	279	244	L	78	1.09	85 .0	36	27	11	2	1	0	.8	5	.9	335	1	13	60	244	-	150	SONAR QUALITY POOR
BC 2	1637.2	34.0	22.3		40/-	274	-	L	51	1.15	58 .7	19	16	11	4	2	1	1.0	4	.7	400	1	2	15	275	-		SONAR QUALITY POOR
CD 3	1644.4	33.0	21.3		45/-	279	-	L	86	1.09	93 .7	42	24	11	7	2	0	.9	17	.9	375	3	3	20	284	-		SONAR FOR FIRST .5 KM OF SEG. - ADJUSTED TO ONE KILOMETER
DE 4	1651.6	32.3	20.2		40/-	274	-	L	53	1.15	61 .0	13	27	6	5	2	0	.9	15	.9	325	3	5	30	264	-	75 150 300	SONAR FOR LAST .75 KM OF SEG.- ADJUSTED TO ONE KM - D' NOT ON SONAR RANGE VARIATIONS LOWER COUNT RELIAB
EF 5	1658.8	31.5	19.2		35/-	269	-	L	37	1.22	45 .1	9	21	6	1	0	0	.6	15	.4	295	1	4	25	249	-	150	SONAR QUALITY POOR - GOUGE COUN LOW DUE TO SONAR LOSS IN SOME PAR OF THE SEGMENT
FG 6	1706.0	29.8	18.2		60/-	294	-	L	50	.98	49 .0	18	20	10	2	0	0	.7	10	.6	328	1	6	20	254	-		SONAR QUALITY POOR -
GH 7	1713.2	29.5	17.2		35/55	269	289	M	58	1.22	70 .8	16	26	9	5	1	1	1.1	10	.6	610	1	5	25	254	-		
HI 8	1720.4	29.1	16.2		40/-	274	-	L	69	1.15	79 .4	42	11	7	4	3	2	1.1	7	1.3	440	1	5	35	244	-		
IJ 9	1727.6	28.1	15.1		40/20	274	254	M	105	1.15	120 .8	67	17	7	5	7	2	1.2	12	1.2	490	5	7	50	254	-		
JK 10	1734.8	26.9	14.1		50/20	284	254	L	101	1.04	105 .0	48	24	6	7	7	9	1.6	20	1.2	510	4	3	10	264	-		
KL 11	1742.0	25.1	13.0		95/0	279	234	H	94	1.09	102 .5	47	32	7	6	2	0	.9	7	.7	950	6	7	50	234	-		
LM 12	1749.2	24.0	12.0		45/175	279	049	M	114	1.09	124 .3	70	28	12	2	2	0	1.0	18	1.0	340	6	19	130	049	-		~~SEGMENT~~ SHOAL AT END OF SEGMENT. CHANGE IN GOUGE DENSITY AND SIZE.
MN 13	1756.4	20.2	11.0		40/5	274	239	L	27	1.15	31 .1	27	0	0	0	0	0	<.3	2	<.3	130	1	2	2	239	-		
NO 14	1803.6	19.6	10.1		45/-	279	-	L	16	1.09	17 .4	16	0	0	0	0	0	<.3	3	.3	160	0	-	-	-	-		
OP 15	1810.8	19.3	9.1		45/170	279	044	L	39	1.09	42 .5	35	4	0	0	0	0	.3	2	.7	170	0	-	-	-	-		
PQ 16	1818.0	17.0	8.1		25/-	259	-	L	18	1.44	25 .9	16	2	0	0	0	0	.3	4	<.3	100	0	-	-	-	-		

ICE GOUGE DATA RECORD 1973

TRACKLINE: 14 | DATE: 234 | SEGMENT

VESSEL: LOON | TEMPLATE SIZE: 4.5 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	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	1825.2	15.5	7.1	234	30/—	264	—	L	16	1.32	21 .1	15	1	0	0	0	0	.3	3	<.3	250	0	—	—	—	—	150	
RS 18	1832.4	13.9	6.2		35/—	269	—	L	9	1.22	11 .0	8	0	0	1	0	0	.8	1	.3	110	0	—	—	—	—		80 CM HOLE IN BOTTOM (FUNNY BOTTOM)
ST 19	1839.6	11.8	5.4		40/—	274	—	L	6	1.15	6.9	6	0	0	0	0	0	<.3	1	<.3	60	0	—	—	—	—		4 M SHOAL
TU 20	1846.8	9.0	4.6		25/—	259	—	L	11	1.44	15 .8	11	0	0	0	0	0	<.3	2	<.3	70	1	2	8	264	—		
UV 21	1854.0	8.8	4.0		60/—	294	—	L	6	.98	5.9	6	0	0	0	0	0	<.3	10	<.3	55	0	—	—	—	—		
VW 22	1901.2	8.4	—		50/—	284	—	L	23	1.04	23 .9	23	0	0	0	0	0	<.3	2	<.3	60	0	—	—	—	—		FUNNY BOTTOM RETURN FROM SIMRAD (BOULDERS?)
WX 23	1908.4	9.3	—		55/—	289	—	L	5	1.01	5.1	5	0	0	0	0	0	<.3	1	<.3	63	0	—	—	—	—		FUNNY BOTTOM RETURN FROM SIMRAD 2 HOLES SEEN IN FUNNY BOTTOM
XY 24	1915.6	8.2	—		—/—	—	—	—	0	—	0	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—		SHOALS (END OF FUNNY BOTTOM)
YZ 25	1922.8	9.4	—		120/35	354	269	L	12	.98	11 .8	12	0	0	0	0	0	<.3	2	<.3	30	0	—	—	—	—		(SEGMENT ADJUSTED TO 1 KM) END SHOAL - RESTART FUNNY BOTTOM
Z END	1926.4	9.0	—																							—		

LINE	14	DATE	234	YEAR	1973	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
BC	1														
GH	1														
HI	2														
IJ	2														
JK	5	2	2												