ICE GOUGE DATA RECORD

1972

SEGMENT SCALE 1:1709

VESSEL	LOON
TEMPLATE SIZE	3,4 KTS.

TRACKLINE: 19

DATE: 212

SEGMENT KM	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 BASE REFLECTOR M	SONAR RANGE M	REMARKS
AB 1	0856.0	4.8		050	30/115	080	165	M	12	1.32	15 .8	12	0	0	0	0	0	<.3	4	<.3		0	–	–	–		150	SIMRAD ONLY – NO SUBBOTTOM POSSIBLE SEDIMENT WAVES ON SIMRAD
BC 2	0906.5	5.0			45/–	095	–	L	8	1.09	8.7	8	0	0	0	0	0	<.3	4	<.3		1	2	7	105			SEDIMENT WAVES ON SIMRAD
CD 3	0915.8	5.5			130/55	180	105	L	6	1.04	6.2	6	0	0	0	0	0	<.3	2	<.3		0	–	–	–			SED. WAVES
DE 4	0924.9	6.5			45/–	095	–	L	3	1.09	3.3	3	0	0	0	0	0	<.3	3	<.3		0	–	–	–			SED. WAVES
EF 5	0933.8	6.5			50/–	100	–	L	9	1.04	9.4	9	0	0	0	0	0	<.3	5	<.3		0	–	–	–			SED. WAVES
FG 6	0943.7	7.3			130/35	180	085	L	7	1.04	7.3	7	0	0	0	0	0	<.3	5	<.3		0	–	–	–			SED. WAVES
GH 7	0953.5	8.4			110/10	160	060	M	20	.96	19 .2	20	0	0	0	0	0	<.3	5	<.3		1	2	7	060			SEG SHORT 2 MIN OF SONAR – CORRECTED COUNT USED SED. WAVES
HI 8	1003.4	9.3			45/150	095	200	L	35	1.09	38 .2	34	1	0	0	0	0	.3	8	<.3		3	2	22	080			POINT H NOT ON SONAR DUE TO TEMP. SHUTDOWN. 2 MIN. OF SONAR NOT ON THIS SEGMENT. – CORRECTED COUNT
IJ 9	1013.0	10.0			60/110	110	160	M	45	.98	44 .1	45	0	0	0	0	0	<.3	5	<.3		3	2	7	080			
JK 10	1022.0	10.6			65/110	115	160	M	43	.97	41 .7	43	0	0	0	0	0	<.3	5	<.3		0	–	–	–			
KL 11	1031.5	11.0			60/–	110	–	L	33	.98	32 .3	33	0	0	0	0	0	<.3	7	<.3		2	2	10	075			
LM 12	1041.0	11.3			50/20	100	070	L	43	1.04	44 .7	42	1	0	0	0	0	.3	8	.3		1	2	13	070			2 MIN. OF SONAR MISSING – CORRECTED COUNT USED.
MN 13	1050.5	11.6			65/125	115	175	L	41	.97	39 .8	40	1	0	0	0	0	.3	9	<.3		4	3	17	070			
NO 14	1100.7	12.0			60/–	110	–	L	42	.98	41 .2	40	1	1	0	0	0	.5	15	.4		2	4	20	115			
OP 15	1109.5	12.3			60/–	110	–	L	44	.98	43 .1	42	1	1	0	0	0	.5	10	.5		2	2	10	070			
PQ 16	1119.0	12.9			55/25	105	075	L	68	1.01	68 .7	66	2	0	0	0	0	.3	8	<.3		4	7	62	100			TICK MARKS (1) ORIEN: 095°T L: 400M W: 5M

ICE GOUGE DATA RECORD 1972

TRACKLINE: 19
DATE: 212

VESSEL	LOON
TEMPLATE SIZE	3,4 KTS.

SEGMENT KM	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
QR 17	1129.8	13.9		050	35/150	085	200	H	73	1.22	89 .1	68	4	0	0	1	0	.9	17	.3		4	2	23	085		150	TICK MARKS (1) ORIEN: 095°T L= 400M W= 5M
RS 18	1139.4	14.0			45/15	095	065	M	68	1.09	74 .1	66	2	0	0	0	0	.3	12	.9		4	2	13	215			
ST 19	1149.5	14.3			45/110	095	160	L	71	1.09	77 .4	67	2	0	1	1	0	.9	12	1.5		8	3	29	085			
TU 20	1200.3	14.5		140	135/170	295	310	H	92	1.09	100 .3	87	5	0	0	0	0	.4	9	.8		8	5	38	150			
UV 21	1211.3	14.6			—/—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	-		—	—	—	—			NO SONAR THIS SEGMENT
VW 22	1222.2	14.6			130/175	270	315	L	68	1.04	70 .7	64	2	0	0	2	0	1.0	18	1.0		7	4	22	310			
WX 23	1234.0	14.5			145/160	285	300	L	70	1.22	85 .4	62	5	2	1	0	0	.8	17	.7		7	8	62	270			
XY 24	1246.0	14.4			145/60	285	200	M	94	1.22	114 .7	86	4	2	0	1	1	1.1	11	.6		6	3	27	280			
YZ 25	1257.5	14.4			135/160	275	300	M	55	1.09	60 .0	50	3	1	0	1	0	.8	11	1.1		6	2	34	270			
ZAA 26	1309.5	14.4			145/170	285	310	L	68	1.22	83 .0	61	1	2	1	1	2	1.1	26	1.1		6	4	37	300			
AABB 27	1321.8	14.3			135/170	275	310	L	61	1.09	66.5	59	1	1	0	0	0	.5	11	.7		3	3	25	315			
BBCC 28	1334.4	14.1			140/165	280	305	M	76	1.15	87 .4	72	3	0	1	0	0	.7	13	.4		5	3	44	285			
CCDD 29	1346.2	13.8			155/75	295	215	L	81	1.44	116 .6	80	1	0	0	0	0	.3	19	.3		0	—	—	—			SEGMENT IS 2 MIN. SHORT ON SIMRAD. GOUGE TERMINATION ON SONAR.
DDEE 30	1358.7	—			130/65	270	205	L	72	1.04	74 .9	72	—	—	—	—	—	—	17	—		5	3	33	290			POINT DD IS NOT ON SIMRAD. THIS SEGMENT NOT ON SIMRAD. TICK MARKS (1) ORIEN: 245°T L= 310M W= 3M
EEFF 31	1409.4	13.0			155/115	295	255	L	93	1.44	133 .9	89	3	1	0	0	0	.6	10	.3		6	4	72	295			
FFGG 32	1420.5	12.7			145/105	285	245	M	109	1.22	133 .0	105	3	1	0	0	0	.6	37	.4		2	3	16	300			

ICE GOUGE DATA RECORD 1972

TRACKLINE: 19
DATE: 212

VESSEL	LOON
TEMPLATE SIZE	3.4 KTS.

SEGMENT KM	START TIME HOURS MINUTES TENTHS	START DEPTH M	DISTANCE FROM COAST KM	SHIP'S COURSE °T	OBSERVED ORIENTATION ° 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	1433.5	12.5		140	140	160	280	300	M	99	1.15	113 .9	90	8	1	0	0	0	.5	14	.6		1	2	39	270		150	TICK MARKS(2) ORIEN: 230°T L= 115 M W= 8 M
HHII 34	1446.0	12.1			145	115	285	255	M	93	1.22	113 .5	91	2	0	0	0	0	.3	17	.3		2	3	16	285			
IIJJ 35	1456.9	11.8			135	155	275	295	L	104	1.09	113 .4	97	3	1	1	2	0	.9	15	.3		0	—	—	—			
JJKK 36	1508.7	11.1			125	150	265	290	L	113	1.01	114 .1	104	3	2	1	2	1	1.0	13	.3		7	9	52	170			TICK MARKS(1) ORIEN: 245°T L= 87 M W= 7 M
KKLL 37	1521.5	10.5			130	80	270	220	L	142	1.04	147 .7	136	5	0	0	1	0	.8	6	.5		5	8	47	170			TICK MARKS(3) ORIEN: 245°T L= 293 M W= 12 M
LLMM 38	1533.0	9.9			140	120	280	260	L	141	1.15	162 .2	137	4	0	0	0	0	.3	8	<.3		6	9	58	290			
MMNN 39	1546.0	9.0			135	45	275	185	L	79	1.09	86 .1	70	9	0	0	0	0	.3	37	<.3		4	10	75	300			
NNOO 40	1557.7	8.1			125	140	265	280	M	62	1.01	62 .6	58	4	0	0	0	0	.3	3	<.3		1	4	33	300			
OOPP 41	1609.6	5.9			125	—	265	—	L	26	1.01	26 .3	26	0	0	0	0	0	<.3	2	<.3		0	—	—	—			ONLY .5 KM OF SEGMENT ON SONAR - CORRECTED COUNT USED.
PPQQ 42	1621.0	4.0			110	—	250	—	L	17	.96	16 .3	17	0	0	0	0	0	<.3	2	<.3		0	—	—	—			MANY LARGE STRUDLE SCOURS. AREA OF SHOALS (SEDIMENT WAVES)
QQRR 43	1631.0	1.7		065	70	—	135	—	L	42	.96	40 .3	42	0	0	0	0	0	<.3	2	<.3		0	—	—	—			STRUDLE SCOURS.
RRSS 44	1643.0	2.8			45	—	110	—	L	25	1.09	27 .3	25	0	0	0	0	0	<.3	3	<.3		0	—	—	—			STRUDLE SCOURS.
SSTT 45	1651.5	3.0			30	—	095	—	L	10	1.32	13 .2	10	0	0	0	0	0	<.3	2	<.3		0	—	—	—			STRUDLE SCOURS. (SHOALS)
TTUU 46	1659.2	4.7			40	—	105	—	L	39	1.15	44 .9	38	1	0	0	0	0	.3	6	.5		2	5	21	110			STRUDLE SCOURS. GOUGE TERMINATIONS ON SONAR.
UUVV 47	1707.9	5.5			50	—	115	—	L	50	1.04	52 .0	47	3	0	0	0	0	.3	7	.4		2	5	21	110			STRUDLE SCOURS.
VVWW 48	1715.0	7.0		000	100	50	100	50	L	66	.96	63 .4	63	2	0	1	0	0	.7	5	.8		2	3	24	145			STRUDLE SCOURS

ICE GOUGE DATA RECORD

1972

TRACKLINE: 19

DATE: 2/2

VESSEL	LOON
TEMPLATE SIZE	3.4 KTS.

SEGMENT KM	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
WWXX 49	1722.4	9.5		000	055/110	055	110	M	61	1.01	61 .6	59	2	0	0	0	0	.4	6	<.3		5	3	17	035		150	TICK MARKS (1) ORIEN: 065°T L= 32 W= 10
XYYY 50	1729.3	10.9			60/105	060	105	M	53	.98	51 .9	53	0	0	0	0	0	<.3	19	<.3		0	—	—	—			
YYZZ 51	1737.0	12.4			65/120	065	120	L	75	.97	72 .8	71	2	0	0	2	0	1.0	8	.7		2	2	15	050			
ZZAAA 52	1745.0	13.3			60/110	060	110	L	52	.98	51 .0	50	1	0	0	1	0	.8	12	.4		4	4	31	060			
AAABBB 53	1752.5	14.0			125/40	125	40	M	62	1.01	62 .6	60	2	0	0	0	0	.3	7	.5		2	2	23	040			GOUGE TERMINATION TICK MARKS (2) ORIEN: 080°T L= 310 M W= 8 M
END BBB	1800.5	14.5																										

LINE	19	DATE	212	YEAR	1972	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
XY	1														
ZAA	2														
JJKK	1														

ICE GOUGE DATA RECORD 1972

SEGMENT SCALE 1: 1709

TRACKLINE 21 | DATE 2/3 | SEGMENT

VESSEL: LOON
TEMPLATE SIZE: 3,4 KTS

KM	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 CONFIDENCE VARIABILITY	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	1745.0	9.3	2.0	090	30/—	120	—	L	24	1.32	31 .7	24	0	0	0	0	0	<.3	3	<.3		2	2	5	095	—	150	(SIMRAD ONLY - NO SUBBOTTOM) RANGE = 500 ft. = ~150 M.
BC 2	1754.6	9.9	2.0		30/—	120	—	L	5	1.32	6.6	5	0	0	0	0	0	<.3	2	<.3		0	—	—	—	—		
CD 3	1806.5	10.7	2.2		20/—	110	—	L	5	1.60	8.0	5	0	0	0	0	0	<.3	3	<.3		1	2	19	110	—		
DE 4	1819.0	10.9	2.7		15/165	105	255	L	12	1.82	21 .8	12	0	0	0	0	0	<.3	5	<.3		2	2	19	110	—		
EF 5	1828.6	10.9	3.1		15/165	105	255	L	25	1.82	45 .5	25	0	0	0	0	0	<.3	5	<.3		2	2	12	245	—		
FG 6	1838.6	11.2	3.6		20/165	110	255	M	14	1.60	22 .4	14	0	0	0	0	0	<.3	4	<.3		1	2	11	090	—		
GH 7	1848.8	12.0	4.1		155/15	245	105	M	18	1.44	25 .9	18	0	0	0	0	0	<.3	7	<.3		1	2	10	105	—		
HI 8	1900.0	12.4	4.8		150/20	240	110	M	17	1.32	22 .4	17	0	0	0	0	0	<.3	7	<.3		2	2	13	110	—		
IJ 9	1910.2	12.6	5.4		20/160	110	250	M	18	1.60	28 .8	18	0	0	0	0	0	<.3	5	<.3		2	2	10	110	—		
JK 10	1920.6	12.8	5.7		20/175	110	265	L	13	1.60	20 .8	13	0	0	0	0	0	<.3	6	<.3		0	—	—	—	—		
KL 11	1930.0	14.0	5.7		160/15	250	105	L	15	1.60	24 .0	15	0	0	0	0	0	<.3	13	<.3		0	—	—	—	—		TICK MARKS (1) ORIEN: 095°T L = 700 M W = 5 M
LM 12	1940.2	13.8	5.6		20/170	110	260	M	8	1.60	12 .8	8	0	0	0	0	0	<.3	10	<.3		0	—	—	—	—		
MN 13	1948.0	13.9	5.6		25/170	115	260	L	11	1.44	15 .8	11	0	0	0	0	0	<.3	5	<.3		0	—	—	—	—		NEW TEMPLATE SIZE (1:1953) (4.5 KT)
NO 14	1954.0	13.8	5.6		15/170	105	260	M	9	1.82	16 .4	9	0	0	0	0	0	<.3	6	<.3		0	—	—	—	—		TICK MARKS (1) ORIEN: 260°T L = 1200 M
OP 15	2000.0	14.1	5.6		165/20	255	110	L	12	1.82	21 .8	12	0	0	0	0	0	<.3	3	<.3		0	—	—	—	—		
PQ 16	2006.1	14.0	5.8		20/160	110	250	L	12	1.60	19 .2	11	1	0	0	0	0	.3	6	<.3		2	2	38	110	—		

ICE GOUGE DATA RECORD 1972

TRACKLINE: 21
DATE: 213
SEGMENT

VESSEL	L0011
TEMPLATE SIZE	4.5 KTS

KM	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
QR 17	2012.3	14.0	6.0	090	25/—	115	—	L	11	1.44	15 .8	9	1	0	0	1	0	.9	6	.9		2	2	34	110	—	150	
RS 18	2018.2	14.0	6.4		20/165	110	255	M	15	1.60	24 .0	12	1	2	0	0	0	.5	3	.4		3	3	17	110	—		
ST 19	2024.2	14.0	6.8		160/25	250	115	L	29	1.60	46 .4	27	1	1	0	0	0	.5	5	<.3		3	3	17	250	—		
TU 20	2031.3	14.0	7.4		15/175	105	265	L	17	1.82	30 .9	16	0	1	0	0	0	.5	11	<.3		1	5	30	260	—		
UV 21	2038.3	14.1	8.1		15/175	105	265	L	7	1.82	12 .7	7	0	0	0	0	0	<.3	4	<.3		1	2	17	105	—		TICK MARKS (2) ORIEN: 105°T L=400 W=10.
V END	2043.2	14.0	8.7																							—		