RTT-1000

TRACKLINE 67

ICE GOUGE DATA RECORD 1977

DATE 252

VESSEL KARLUK

TEMPLATE SIZE 3.0 KTS.

SEG. SCALE 1:947

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	1148 .0	18.8	10.8	345	140/25	125	10	L	81	1.20	97 .2	35	44	2	0	0	0	.5	8	.4	378	2	5	20	10	22.0/24.8	125	
BC 2	1156 .7	19.3	11.6		—/—	—	—	—	—	—	—	—	—	—	—	—	—	.6	—	.5	—	—	—	—	—	23.2/25.9		(NO SONAR ON THIS SEGMENT)
CD 3	1204 .4	20.1	12.6		75/40	60	25	L	87	.97	84 .4	14	50	17	6	0	0	.7	5	1.0	265	3	3	25	05	24.2/26.4		SONAR QUALITY POOR ~~STAMUKI~~ SHOAL ON FATHOGRAM
DE 4	1212 .7	20.3	13.5		85/140	70	125	M	112	.98	109 .8	58	49	5	0	0	0	.5	5	.5	312	4	2	11	35	26.1/26.9		
EF 5	1221 .2	20.8	14.5		120/30	105	15	L	100	1.01	101 .0	62	37	1	0	0	0	.4	8	.5	575	0	-	-	-	26.0/28.2		
FG 6	1229 .9	20.7	15.4		110/80	95	65	L	89	.98	87 .2	78	11	0	0	0	0	.2	3	.3	260	3	3	20	115	24.8/28.9		
GH 7	1239 .1	22.0	16.3		115/75	100	60	L	68	.99	67 .3	—	—	—	—	—	—	—	5	—	325	4	5	20	30	26.1/30.1		TICK MARKS (1) ORIEN: 65°T L: 250 M W: 3 M (NO FATHOGRAM)
HI 8	1247 .8	22.2	17.3		110/70	95	55	L	107	.98	104 .9	—	—	—	—	—	—	—	6	—	290	1	2	6	45	26.8/31.8		(NO FATHOGRAM FOR THIS SEGMENT)
IJ 9	1256 .9	22.1	18.3	↓	125/60	110	45	L	81	1.04	84 .2	45	31	5	0	0	0	.5	13	.4	278	0	-	-	-	31.8		TICK MARKS (1) ORIEN: 85°T L: 255 W: 5M (FATHOGRAM QUAL. POOR)
JK 10	1305 .0	22.2	19.2	330	110/140	80	110	M	127	.98	124 .5	66	43	15	3	2	0	1.0	7	1.4	307	2	3	10	155	31.9		(FATHOGRAM QUAL. POOR FOR .5 KM OF SEG
KL 11	1315 .0	20.4	20.3	340	120/65	100	45	H	188	1.01	189 .9	104	49	25	5	3	2	1.1	7	1.2	258	3	2	11	130	—		(SEG .75 KM - ADJUSTED TO 1 KM) SHOALS ON SSS POSSIBLE PRESSURE RIDGE GOUGING.
LM 12	1327 .1	22.2	21.2	345	60/115	45	100	M	143	1.01	144 .4	50	50	28	8	3	4	1.2	13	1.0	312	5	3	13	125	28.0		
MN 13	1336 .2	22.9	22.2		110/95	95	80	L	135	.98	132 .3	46	53	31	4	1	0	.8	7	.7	330	4	3	10	135	29.3/36.4		
NO 14	1345 .5	23.3	23.2	↓	120/155	105	140	L	109	1.01	110 .1	43	52	13	1	0	0	.6	14	.9	460	3	5	17	140	28.6/37.6		TICK MARKS (2) ORIEN: 95°T L: 250 W: 3 M
OP 15	1355 .0	22.4	24.2	325	125/40	90	05	L	152	1.04	158 .1	68	59	21	3	1	0	.9	4	1.2	345	7	4	15	05	27.4		(SEG .75 KM - ADJUSTED TO 1 KM) ON SONAR SHOALS TICK MARKS (2) ORIEN: 65°T L: 175 M W: 5 M
PQ 16	1405 .2	23.1	25.1	345	120/60	105	45	H	161	1.01	162 .6	72	41	36	7	2	3	1.1	8	1.0	550	7	4	12	05	28.5		TICK MARKS (2) ORIEN: 85°T L: 180 M W: 12 M

ICE GOUGE DATA RECORD

1977

TRACKLINE: 67

DATE: 252

SEGMENT

VESSEL	KARLUK
TEMPLATE SIZE	3.0 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	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	1415 .0	23.8	26.2	345	130 / 30	115	15	H	171	1.08	184 .7	64	40	37	15	7	8	1.1	8	1.2	425	6	33	135	015	29.5	125	TICK MARKS (2) ORIEN: 75°T L= 250 M W= 6 M PRESSURE RIDGE GOUGING (W=135M; 15°T)
RS 18	1425 .0	24.2	26.9	↓	30 / 115	15	100	H	199	1.38	274 .6	91	40	37	13	8	10	1.7	10	1.0	500	14	6	22	15	30.9 / 35.7		SOME PRESSURE RIDGE GOUGING. 4 GOUGES >1.5M DEEP.
ST 19	1436 .2	24.5	26.9	310	150 / 65	100	15	H	181	1.38	249 .8	90	36	30	8	6	11	2.1	10	1.2	740	13	3	18	95	30.3 / 35.1		
TU 20	1445 .7	24.9	27.2	330	145 / 35	115	05	H	169	1.28	216 .3	60	57	32	6	7	7	2.2	23	1.4	522	12	5	15	130	28.1 / 35.4		LOWER 7KH RETURN FADES OUT.
UV 21	1456 .4	25.4	27.5	↓	155 / 15	125	345	M	125	1.54	192 .5	56	28	19	7	7	8	1.5	17	1.1	585	2	2	5	345	32.5		TICK MARKS (1) ORIEN: 110°T L= 335 M W= 8M
VW 22	1503 .3	25.5	27.8	030	35 / 75	65	105	M	158	1.28	202 .2	37	30	24	15	21	31	1.9	8	1.5	550	8	6	25	75	33.3		
WX 23	1512 .7	26.5	28.8	000	60 / 120	60	120	M	160	1.01	161 .6	68	26	18	14	13	21	3.4	14	1.4	370	9	7	45	45	35.0		
XY 24	1521 .5	27.8	29.8	345	115 / 160	100	145	L	133	.99	131 .7	56	14	28	8	13	14	1.5	20	.9	365	6	4	22	125	—		
YZ 25	1529 .4	28.5	30.7	↓	110 / 75	95	60	L	115	.98	112 .7	22	13	27	12	16	25	2.0	7	1.9	323	1	2	5	135	—		
ZAA 26	1537 .3	29.5	31.6	205	60 / 110	265	315	L	118	1.01	119 .2	33	17	22	13	14	19	2.0	8	1.5	278	3	4	10	125	—		TURN AROUND POINT AT .5KM OF SEG, SAME GOUGES SEEN ON 2ND .5 KM OF SEG. (ADJUSTED TO 1 KM)
AABB 27	1544 .3	29.6	31.5	↓	45 / 70	250	295	L	121	1.13	136 .7	34	30	28	10	8	11	2.0	8	1.8	330	7	13	70	260	35.5		
BBCC 28	1551 .3	28.8	30.6	↓	40 / 60	245	265	L	133	1.20	159 .6	41	39	31	10	5	9	1.8	17	1.2	460	8	3	37	260	36.5		(SOME PRESSURE RIDGE GOUGING)
CCDD 29	1601 .3	27.0	29.7	195	35 / 70	230	265	M	143	1.28	183 .0	55	30	21	5	11	8	1.8	4	1.2	295	7	9	38	230	32.5		
DDEE 30	1608 .9	25.4	28.7	205	50 / 65	255	290	L	176	1.08	190 .1	79	38	26	13	6	14	1.6	9	1.4	370	11	7	25	265	30.9		PRESSURE RIDGE GOUGING (W=155M; 260°T) TICK MARKS (1) ORIEN: 290°T L= 268M W= 3M
EEFF 31	1617 .0	24.2	27.7	↓	50 / 110	255	315	M	166	1.08	179 .3	82	29	34	7	5	9	1.6	5	1.0	295	7	4	15	225	31.9		
FFGG 32	1623 .7	23.2	26.8	↓	35 / 75	240	280	H	192	1.28	245 .8	106	29	30	10	5	12	1.5	8	1.2	358	12	4	22	245	30.5		

ICE GOUGE DATA RECORD 1977

TRACKLINE: 67 | DATE: 252 | SEGMENT

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	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
GGHH 33	1632 .4	24.5	25.7	205	30/140	235	345	L	143	1.38	197 .3	66	36	31	6	4	0	1.0	21	1.2	485	10	7	30	235	33.3	125	TICK MARKS (1) ORIENT: 280°T L= 95 M W= 4 M
HHII 34	1641 .4	23.8	24.9	180	105/50	285	230	M	137	.97	132 .9	58	47	23	5	4	0	1.0	10	.8	322	10	14	55	205	29.5/37.9		
IIJJ 35	1648 .2	24.3	23.9	200	35/120	235	320	L	109	1.28	139 .5	35	56	15	2	1	0	.9	13	1.3	445	8	14	62	235	28.7		
JJKK 36	1655 .7	24.4	22.8		55/30	255	230	L	102	1.04	106 .1	24	54	23	1	0	0	.8	10	1.5	348	8	4	27	230	31.7/38.9		
KKLL 37	1703 .9	24.0	21.7		50/65	250	265	L	96	1.08	103 .7	13	68	13	2	0	0	.7	5	1.0	375	6	5	32	250	28.9/36.5		
LLMM 38	1712 .2	23.0	20.8		65/105	265	305	M	131	.99	130 .0	65	49	12	4	1	0	.8	7	.6	485	4	4	20	235	28.3/35.2		
MMNN 39	1720 .0	22.5	20.0		55/103	255	305	L	137	1.04	142 .5	91	35	7	2	2	0	.9	17	1.0	380	2	3	9	275	29.1/31.5		(FATHOMETER RECORD INCOMPLETE)
NNOO 40	1729 .6	22.6	19.0		65/35	265	235	L	116	.99	114 .8	44	56	15	1	0	1	1.2	8	1.2	400	8	3	30	260	27.5/30.3		
OOPP 41	1735 .9	21.8	18.0		65/105	265	305	L	102	.99	101 .0	23	66	12	0	1	0	.8	9	.8	362	6	6	20	245	27.4/29.2		
PPQQ 42	1745 .0	21.9	16.9		80/110	280	310	L	99	.97	96 .0	20	73	6	0	0	0	.5	12	.5	317	0	–	–	–	27.1/29.5		
QQRR 43	1753 .1	21.1	16.0		75/35	275	235	L	98	.97	95 .1	41	51	6	0	0	0	.5	5	.5	322	3	3	10	250	25.6/28.7		UPPER 7 KH RETURN FADES INTO LOWER (SOME PRESSURE RIDGE GOUGING – W= 35M 300°T
RRSS 44	1801 .0	20.1	15.0	↓	70/0	290	200	L	164	.98	160 .7	70	82	11	0	0	1	1.2	4	.6	340	3	9	50	200	28.0		TICK MARKS (9) ORIEN: 280°T L= 125 M W= 9 M (WIDE ZONE OF PRESSURE RIDGE GOUGING)
SSTT 45	1810 .0	17.1	13.9	205	65/35	270	240	L	136	.99	134 .6	80	52	4	0	0	0	.5	12	.5	527	5	12	47	205	27.5		SIAMUKI SHOAL – CHANGE IN GOUGE DENSIT
TTUU 46	1817 .7	13.5	13.0		65/0	270	205	M	145	.99	143 .6	86	59	0	0	0	0	.3	7	.5	160	7	11	40	205	17.3		SHOALS – MOST GOUGING ON SHOAL CRESTS – VERY MINOR GOUGING ON SIDES OF SHOALS – TROUGHS BETWEEN SHOALS ARE MOSTLY SMOOTH
UVVV 47	1826 .0	10.3	12.0		55/20	260	225	L	66	1.04	68 .6	16	44	6	0	0	0	.5	4	.4	136	2	2	3	205	15.1		
WWW 48	1834 .6	16.6	11.0	↓	45/80	250	285	L	53	1.13	59 .9	5	39	9	0	0	0	.5	3	1.0	340	3	34	155	250	24.5	↓	(POSSIBLE PRESSURE RIDGE GOUGING)

TRACKLINE: 67

ICE GOUGE DATA RECORD 1977

VESSEL: KAKLOK
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		REMARKS
WWXX 49	1844 .7	17.6	10.5	062	50/30	112	92	L	35	1.08	37 .8	9	24	2	0	0	0	.5	5	.4	393	1	2	15	112	23.1	125	
XXYY 50	1854 .3	16.5	11.3	053	25/50	78	103	L	56	1.54	86 .2	41	14	1	0	0	0	.5	7	.3	190	5	3	6	73	24.0		
YYZZ 51	1902 .6	11.5	12.1		45/135	98	188	M	131	1.13	148 .0	119	11	1	0	0	0	.4	4	.3	275	5	14	45	73	17.2		SHOALS - GOUGING ON CRESTS SAND WAVES (123°T) ON SHOAL CREST
ZZAAA 52	1911 .3	14.3	13.0		50/155	103	208	L	74	1.08	79 .9	58	13	2	1	0	0	.6	11	.4	337	6	3	17	88	22.7		
AAABBB 53	1920 .0	16.9	13.8	180	60/120	240	300	L	115	1.01	116 .2	91	19	4	0	1	0	.8	7	1.0	280	3	3	22	210	26.0		(SEG .5 KM ON FATHOGRAM) SHOALS -
BBBCCC 54	1929 .6	15.0	13.0		75/95	255	275	M	131	.97	127 .1	115	14	1	0	0	1	1.1	7	.5	250	3	7	28	235	20.7/25.9		SHOALS - GOUGING ON CRESTS IS HEAVY AND VARIABLE - SIDES AND TROUGHS ARE SMOOTHER AND LESS GOUGED.
CCDDD 55	1938 .4	15.6	12.3		60/35	240	215	L	64	1.01	64 .6	52	11	1	0	0	0	.5	3	.3	175	0	–	–	–	24.5		SHOAL
DDDEEE 56	1945 .0	13.2	11.5	155	70/115	225	260	L	88	.98	86 .2	63	21	4	0	0	0	.5	2	.3	90	0	–	–	–	22.6		SEG .5 KM ON SONAR - ADJUSTED TO 1 KM. (SHOALS)
EEEFFF 57	1953 .8	13.1	11.1	125	135/100	260	225	L	67	1.13	75 .7	52	14	1	0	0	0	.4	10	.2	325	2	2	3	145	22.0		SHOALS
FFFGGG 58	2001 .7	16.7	10.5		125/140	250	265	L	86	1.04	89 .4	72	11	2	0	1	0	.9	3	.5	365	0	–	–	–	21.9		SHOALS
GGGHHH 59	2010 .0	15.0	9.9	180	120/30	300	210	M	44	1.01	44 .4	33	8	2	1	0	0	.6	2	.5	210	2	2	5	305	21.2		SHOALS
HHH END	2020 .0	15.7	9.0																							20.3		

LINE	67	DATE	252	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
KL	2														
LM	4														
PQ	3														
QR	8														
RS	4	1	3	2											
ST	6	3	0	1	0	1									
TU	3	0	2	1	0	0	1								
UV	5	1	2												
VW	21	3	5	1	1										
WX	7	5	6	0	2	0	0	0	0	0	0	0	1		
XY	13	1													
YZ	15	1	5	2	1	1									
ZAA	11	2	5	0	0	1									
AABB	5	2	3	0	0	1									
BBCC	3	2	3	1											
CCDD	6	1	0	1											
DDEE	3	6	5												
EEFF	3	4	2												
FFGG	5	4	3												
NNOO	1														

LINE	67	DATE	252	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
RRSS	1														
BBBCCC	1														

RTT-1000 A

TRACKLINE 71

ICE GOUGE DATA RECORD 1977

VESSEL: KARLUK
TEMPLATE SIZE: 3.0 KTS.
SEG. SCALE 1:947

DATE 259

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	0803 .0	19.0	9.7	000	120/135	120	135	L	35	1.01	35.4	13	19	3	0	0	0	.5	13	.5	235	0	–	–	–	24.3	125	
BC 2	0812 .1	18.2	10.6		115/65	115	65	L	72	.99	71.3	45	21	6	0	0	0	.5	11	.7	800	2	3	15	15	24.6		2ND 7 KM REFLECTOR STARTS.
CD 3	0822 .0	17.8	11.4	010	95/115	105	125	L	71	.98	69.6	28	34	6	3	0	0	.7	8	.7	635	1	4	16	30	22.5/25.8		
DE 4	0832 .0	18.4	12.3		85/35	95	45	L	73	.98	71.5	41	29	1	1	1	0	.9	5	.5	472	2	4	16	30	22.3/25.7		
EF 5	0842 .1	18.9	13.3		60/35	70	45	M	118	1.01	119.2	66	41	7	3	1	0	1.0	19	.8	345	4	5	25	45	21.6/27.1		~~SHOAL~~ SHOAL – CHANGE IN GOUGE DENSITY. TICK MARKS (1) ORIEN: 90°T L=100M W=3M
FG 6	0852 .6	19.5	14.3		65/80	75	90	M	195	.99	193.1	119	52	16	4	2	2	1.5	7	1.0	280	4	4	22	60	22.5/27.1		SHOALS TICK MARKS (7) ORIEN: 80°T L=150M W=5M
GH 7	0903 .8	18.4	15.3		55/90	65	100	M	208	1.04	216.3	142	32	22	8	3	1	1.2	13	1.0	618	10	7	37	60	21.9/25.6		SHOALS TICK MARKS (5) ORIEN: 95°T L=232M W=7M
HI 8	0914 .4	19.0	16.3		50/25	60	35	M	176	1.08	190.1	76	41	20	19	8	11	1.5	12	1.3	322	9	5	48	60	23.8/25.8		
IJ 9	0923 .8	20.9	17.3		60/20	70	30	M	153	1.01	154.5	24	61	48	11	6	3	1.2	10	1.0	315	8	7	27	60	26.6		PRESSURE RIDGE (70°T) W=140M
JK 10	0935 .0	21.8	18.2		60/90	70	100	M	146	1.01	147.5	42	49	39	7	8	1	1.1	5	1.3	365	4	3	45	60	26.0		
KL 11	0944 .9	22.6	19.2		60/90	70	100	M	117	1.01	118.2	24	53	28	3	6	3	1.6	6	2.1	480	5	6	44	65	27.3		TICK MARKS (3) ORIEN: 90°T L=250M W=12M
LM 12	0955 .0	23.4	20.2	005	90/65	95	70	M	128	1.00	128.0	46	62	20	7	0	0	.8	12	.9	580	5	6	40	60	28.0		TICK MARKS (4) ORIEN: 95°T L=250M W=10M
MN 13	1005 .0	23.7	21.2		90/55	95	60	M	99	1.00	99.0	1	57	35	5	1	0	.8	7	.7	430	2	2	17	150	28.0		(SEG. .75 KM – ADJUSTED TO 1 KM) PT. N NOT ON SONAR –
NO 14	1015 .0	24.5	22.2		–/–	—	—	—	—	—	—	—	—	—	—	—	—	.8	—	.9	—	—	—	—	—	28.6		(NO SONAR FOR THIS SEGMENT)
OP 15	1026 .0	23.6	23.1		–/–	—	—	—	—	—	—	—	—	—	—	—	—	1.0	—	.9	—	—	—	—	—	27.9		(NO SONAR FOR THIS SEGMENT) PT. O ON SONAR RECORD – SHOAL –
PQ 16	1036 .8	23.9	24.1		–/–	—	—	—	—	—	—	—	—	—	—	—	—	1.5	—	1.1	—	—	—	—	—	28.7		(NO SONAR)