ICE GOUGE DATA RECORD

1978

TRACKLINE	37
DATE	256
SEGMENT	

VESSEL	KARLUK
TEMPLATE SIZE	7.5 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
33 GHH	1812.7	5.9	—	028	45/—	073	—	L	4	1.13	4.5	4	0	0	0	0	0	.2	6	<.2		0	—	—	—	—	125	
34 HII	1817.4	5.7	—		45/—	073	—	L	3	1.13	3.4	2	1	0	0	0	0	.2	5	<.2		0	—	—	—	—		
35 IJJ	1822.2	6.9	—		85/—	113	—	L	1	.98	1.0	1	0	0	0	0	0	<.2	2	<.2		0	—	—	—	—		
36 JKK	1826.9	8.0	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		
37 KLL	1831.4	8.3	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		
38 LMM	1836.1	7.7	—		75/—	103	—	L	3	.97	2.9	3	0	0	0	0	0	<.2	2	<.2		0	—	—	—	—		SHOALS
39 MNN	1840.5	7.2	—	240	25/—	265	—	L	2	1.54	3.1	2	0	0	0	0	0	<.2	2	<.2		0	—	—	—	—		SHOALS
40 NOO	1845.7	8.0	—		145/—	025	—	L	5	1.28	6.4	5	0	0	0	0	0	<.2	2	<.2		0	—	—	—	—		SHOALS
41 OPP	1849.9	7.9	—		170/—	050	—	L	1	2.38	2.4	1	0	0	0	0	0	<.2	3	.2		0	—	—	—	14.9		
42 PQQ	1854.1	8.8	—		55/—	295	—	L	6	1.04	6.2	6	0	0	0	0	0	<.2	4	<.2		0	—	—	—	14.4		
43 QRR	1858.0	8.3	—	340	—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	13.7		
44 RSS	1902.0	8.1	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		
45 STT	1906.4	8.3	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		SHOALS
46 TUU	1910.5	7.0	—	270	—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		SHOALS
47 UVV	1914.7	4.2	—		160/—	070	—	L	1	1.73	1.7	1	0	0	0	0	0	<.2	2	<.2		0	—	—	—	—		SHOAL
48 VWW	1918.8	7.0	—		—/—	—	—	—	0	—	0	0	0	0	0	0	0	0	0	0		0	—	—	—	—		

K-1-78-AR

ICE GOUGE DATA RECORD

1978

SEGMENT SCALE 1:2008

VESSEL: KARLUK

TEMPLATE SIZE: 4.6 KTS

CHILING 8 | DATE 33 | SEGMENT

KM	START TIME (HOURS MINUTES TENTHS)	START DEPTH (M)	DISTANCE FROM COAST (KM)	SHIP'S COURSE (°T)	OBSERVED ORIENTATION (DOM/SUB)	ADJUSTED ORIENTATION (DOM)	ADJUSTED ORIENTATION (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 DISTRIBUTION WIDTH (M)	DOMINANT ORIENTATION (DOM)	DEPTH TO FIRST REFLECTOR (M)	SONAR RANGE (M)	REMARKS
B 1	1550.0	26.7	35.7	203	— / —	—	—	—	—	—	—	—	—	—	—	—	—	3.0	—	1.4		—	—	—	—	—	125	NO SONAR THIS SEGMENT. FATHOGRAM POOR. (GOUGE DEPTHS MEASURED AS WAS POSSIBLE - SOME LARGE ONES).
BC 2	1559.0	—	34.7		80 / 100	283	303	M	85	.97	82 .5	40	14	7	9	1	14	2.1	14	1.0		1	3	18	218	—		2 MIN. FATHOGRAM MISSING. PT. B NOT ON FATHOGRAM
D 3	1604.0	26.3	33.7		85 / 20	288	223	L	90	.98	88 .2	31	12	16	7	7	17	2.0	15	1.0		3	6	37	223	33.0		
DE 4	1610.6	25.9	32.7		75 / 25	278	228	M	130	.97	126 .1	74	15	17	5	6	13	2.0	12	1.2		5	9	42	228	32.7		
EF 5	1617.5	25.5	31.7		90 / 30	293	233	L	135	1.00	135 .0	70	14	15	8	4	24	2.8	12	1.0		6	6	37	233	32.0		
G 6	1624.6	25.5	30.8		90 / 30	293	233	M	121	1.00	121 .0	65	11	13	6	7	19	2.5	10	2.0		8	11	81	233	32.3		
H 7	1631.5	25.3	29.9		90 / 25	293	228	M	119	1.00	119 .0	53	22	18	9	8	9	1.4	10	1.0		4	11	72	233	31.1		
I 8	1638.0	24.9	29.0		60 / 90	263	293	M	106	1.01	107 .1	50	22	10	7	6	11	1.5	14	1.5		7	6	35	008	30.0		
J 9	1644.5	24.6	28.0		85 / 20	288	223	L	118	.98	115 .6	50	22	20	8	4	14	1.6	12	1.5		0	—	—	—	—		
TK 10	1652.0	24.5	27.1		55 / 15	258	218	L	149	1.04	155 .0	85	16	20	9	7	12	2.4	7	1.1		7	5	51	218	—		
KL 11	1659.3	23.7	26.1		65 / 160	268	003	L	138	.99	136 .6	82	29	14	0	5	8	2.8	10	1.2		8	5	39	003	31.1		
LM 12	1706.0	22.9	25.2		60 / 170	263	013	L	155	1.01	156 .6	93	29	18	2	4	9	2.1	11	1.7		8	4	27	013	28.4		
MN 13	1713.0	22.3	24.2		80 / 50	283	253	L	114	.97	110 .6	49	24	12	10	10	9	1.9	13	1.1		3	6	38	218	27.8		
NO 14	1720.0	22.0	23.1		50 / 80	253	283	M	132	1.08	142 .6	75	26	8	8	7	8	1.8	6	1.1		9	7	70	253	27.7		
OP 15	1727.0	22.3	22.1		65 / 85	268	288	L	112	.99	110 .9	60	23	14	5	4	6	2.0	11	1.9		3	3	12	358	—		
PQ 16	1733.8	22.0	21.2		75 / 55	278	258	M	121	.97	117 .4	60	19	15	7	6	14	3.0	13	1.4		5	24	135	043	27.4		PRESSURE RIDGE GOUGING - 24 INCISIONS - 223°T - 135 M WIDE.

ICE GOUGE DATA RECORD 1978

VESSEL	KARLUK
TEMPLATE SIZE	4.6 KTS

CRUISE 8 / DATE 33 / 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/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
R 7	1741.0	21.0	20.1	203	60/90	263	293	L	120	1.01	121 .2	59	23	14	9	7	8	1.7	15	1.6		6	3	41	228	28.2	125	
S 8	1747.5	20.3	19.1		70/130	273	333	L	146	.98	143 .1	82	35	12	4	9	4	1.5	6	1.2		7	3	31	273	27.7		
T 9	1754.9	20.0	18.1		55/115	258	318	M	163	1.04	169 .5	108	30	9	5	5	6	2.5	12	1.9		4	4	18	208	26.6		
U 20	1802.0	19.1	17.1		60/110	263	313	M	125	1.01	126 .3	64	33	13	6	7	2	1.3	12	.9		5	9	30	353	26.1		
V 21	1808.8	18.7	16.1		60/115	263	318	M	158	1.01	159 .6	99	35	14	6	2	2	1.2	9	.9		9	6	28	348	25.3		
W 22	1815.2	18.5	15.2		55/120	258	323	M	132	1.04	137 .3	62	37	13	10	6	4	1.5	10	1.0		7	6	42	358	24.3		
X 23	1822.4	18.0	14.2		120/50	323	253	M	145	1.01	146 .5	69	45	17	9	3	2	1.5	10	1.3		7	5	26	243	24.0		
Y 24	1829.2	16.9	13.2		65/130	268	333	M	110	.99	108 .9	63	27	11	3	2	4	1.3	18	.8		6	4	18	253	—		
Z 25	1836.2	15.9	12.2		125/95	328	298	M	136	1.04	141 .4	77	30	12	6	8	3	1.5	13	1.1		6	4	18	243	20.1		
AA 26	1843.0	15.1	11.2		60/130	283	333	M	139	1.01	140 .4	74	38	10	8	2	7	1.2	14	.8		5	2	33	253	19.5		
BB 27	1850.0	13.9	10.2		70/120	273	323	L	133	.98	130 .3	59	56	12	4	0	2	1.1	17	1.8		8	6	32	358	19.5		
CC 28	1857.0	13.9	9.3		70/145	273	348	L	160	.98	156 .8	79	63	12	3	2	1	1.1	6	1.0		6	4	32	238	—		
DD 29	1904.0	13.1	8.2		70/160	273	003	L	129	.98	126 .4	70	54	5	0	0	0	.5	4	.9		3	4	28	218	17.4		
EE 30	1911.0	12.5	7.2		60/165	263	008	L	96	1.01	97 .0	52	43	1	0	0	0	.5	8	.4		2	4	24	218	17.2		
FF 31	1917.4	12.4	6.3		50/160	253	003	M	105	1.08	113 .4	83	22	0	0	0	0	.4	8	.6		1	3	14	258	—		
GG 32	1924.2	11.1	5.3		60/160	263	003	M	114	1.01	115 .1	95	17	1	0	1	0	.8	10	.5		3	2	11	238	—		.5 KM OF SONAR MISSING - COUNT CORRECTED TO 1 KM.

ICE GOUGE DATA RECORD 1978

VESSEL	KARLUK
TEMPLATE SIZE	4.6 KTS

CHLING 8 / ATE 33 / SMENT 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
GHH 33	1931.0	10.5	4.4	203	65/145	268	348	L	42	.99	41 .6	39	3	0	0	0	0	.2	7	.3		1	3	24	223	–	125	
HII 34	1938.0	9.7	3.5		70/150	273	353	L	52	.98	51 .0	49	3	0	0	0	0	.3	7	.2		0	–	–	–	–		
JJ 35	1945.0	8.8	2.5		55/130	258	333	L	16	1.04	16 .6	13	3	0	0	0	0	.2	15	.4		0	–	–	–	–		
JKK 36	1952.0	8.0	1.5		140/55	343	258	L	10	1.2	12 .0	9	1	0	0	0	0	.2	3	.2		0	–	–	–	–		
KK ND	1958.5	5.8	.5																							–		

LINE	8	DATE	233	YEAR	1978	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	1	4	1	0	1	1	0	1	1	1	1	—	—	—	—
BC	2	4	4	1	1	2	—	—	—	—	—	—	—	—	—
CD	9	3	2	1	0	2	—	—	—	—	—	—	—	—	—
DE	4	4	3	0	1	1	—	—	—	—	—	—	—	—	—
EF	7	2	4	4	2	0	3	1	0	1	—	—	—	—	—
FG	9	5	3	0	0	1	0	1	—	—	—	—	—	—	—
GH	7	1	1	—	—	—	—	—	—	—	—	—	—	—	—
HI	7	2	2	—	—	—	—	—	—	—	—	—	—	—	—
IJ	7	4	2	1	—	—	—	—	—	—	—	—	—	—	—
JK	8	2	0	0	0	1	0	1	—	—	—	—	—	—	—
KL	3	0	1	1	1	1	0	0	0	1					
LM	3	1	3	0	0	2	—	—	—	—	—	—	—	—	—
MN	6	1	1	0	1	—	—	—	—	—	—	—	—	—	—
NO	4	2	1	0	1	—	—	—	—	—	—	—	—	—	—
OP	3	1	1	0	0	1	—	—	—	—	—	—	—	—	—
PQ	6	2	2	2	0	0	0	1	0	0	1	—	—	—	—
QR	6	0	1	1	—	—	—	—	—	—	—	—	—	—	—
RS	2	0	2	—	—	—	—	—	—	—	—	—	—	—	—
ST	1	1	3	0	0	0	0	1	—	—	—	—	—	—	—
TU	0	2	—	—	—	—	—	—	—	—	—	—	—	—	—

LINE	8	DATE	233	YEAR	1978	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
UV	1	1													
VW	2	1	1												
WX	0	1	1												
XY	3	1													
YZ	2	0	0	1											
ZAA	3	4													
AABB	2														
BBCC	1														

RTT1000 + SIMRAD

ICE GOUGE DATA RECORD 1978

VESSEL	KARLUK
TEMPLATE SIZE	7.5 KTS.

SEG. SCALE 1:2899

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
1 B	1523.0	2.5	–	045	50 / –	095	–	L	3	1.08	3.2	3	0	0	0	0	0	<.2	2	<.2		0	–	–	–	–	125	(STEFFANSON SOUND)
2 BC	1527.6	4.2	–		60 / –	105	–	L	2	1.01	2.0	2	0	0	0	0	0	<.2	2	<.2		0	–	–	–	–		
3 D	1532.3	4.8	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
4 DE	1536.8	5.6	–		20 / –	065	–	L	2	1.73	3.5	1	1	0	0	0	0	.4	3	<.2		0	–	–	–	–		
5 F	1541.5	5.5	–		55 / –	100	–	L	2	1.04	2.1	2	0	0	0	0	0	<.2	3	.2		0	–	–	–	–		
6 G	1546.1	5.9	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
7 H	1550.8	5.9	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
8 I	1555.7	6.0	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	10.2		
9 J	1600.5	6.2	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
10 K	1605.1	6.4	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
11 L	1610.2	4.0	–	152	– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		4 METER SHOAL ABOUT 1/2 KM WIDE ORIENTATION: 240°T
12 M	1615.9	6.3	–		130 / –	282	–	L	4	1.08	4.3	4	0	0	0	0	0	<.2	2	<.2		0	–	–	–	–		AT POINT L THERE ARE PROMINENT OUTCROPS OBSERVED ON BOTH SIDE SCAN AND FATHOGRAM
13 MN	1621.7	7.2	–	200	115 / –	315	–	L	7	.99	6.9	5	2	0	0	0	0	.2	2	.4		0	–	–	–	–		
14 NO	1627.6	6.5	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
15 OP	1633.4	6.9	–		125 / –	325	–	L	2	1.04	2.1	2	0	0	0	0	0	<.2	2	.3		0	–	–	–	11.7		SMALL SHOAL
16 PQ	1639.2	6.4	–		40 / –	240	–	L	2	1.20	2.4	2	0	0	0	0	0	<.2	2	<.2		0	–	–	–	–		SEDIMENT WAVES

ICE GOUGE DATA RECORD 1978

VESSEL	KARLUK
TEMPLATE SIZE	7.5 KTS.

CKLINE 39 / ATE 256 / GMENT 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
17 QR	1645.1	5.8	–	200	– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	13.0	125	SEDIMENT WAVES
18 RS	1651.4	5.0	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		SEDIMENT WAVES
19 ST	1657.4	3.5	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
20 TU	1703.3	2.6	–		– / –	–	–	–	–	–	–	–	–	–	–	–	–	.3	–	.2		–	–	–	–	–		(NO SONAR THIS SEG.) FATHOGRAM QUALITY POOR
21 UV	1709.2	2.1	–		– / –	–	–	–	–	–	–	–	–	–	–	–	–	.2	–	<.2		–	–	–	–	–		(NO SONAR THIS SEG) FATHOGRAM QUALITY POOR
22 WW	1715.0	2.2	–	133	– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		FATHOMETER QUALITY POOR
23 VX	1720.9	1.7	–		110 / –	243	–	L	2	.98	2.0	2	0	0	0	0	0	<.2	5	<.2		0	–	–	–	–		FATHOMETER QUALITY POOR SHOAL (1 METER FROM SURFACE)
24 XY	1726.5	1.3	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
25 YZ	1731.8	2.1	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	–		
26 ZAA	1737.9	2.9	–		55 / –	188	–	L	3	1.04	3.1	3	0	0	0	0	0	<.2	2	<.2		0	–	–	–	–		
27 ABB	1744.6	3.0	–	028	– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	9.3		
28 BCC	1749.2	3.2	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	10.2		
29 CDD	1753.8	3.3	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	11.7		
30 DEE	1758.8	4.0	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	8.8		
31 EFF	1803.4	4.1	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	8.9		
32 FGG	1808.2	4.2	–		– / –	–	–	–	0	–	0	0	0	0	0	0	0	0	0	0		0	–	–	–	9.5		