



RV Aranda

CRUISE PLAN

EuroArgo Rise Matka, 0/2021

17. - 27.5.2021

Description of the cruise

The cruise main missions: -The EA-Rise project Argo Installations. Target areas Gotland Deep and the Bothnian Sea -Hydrographic measurements of the state of Bothnian Sea. - Recovery and replacement of FMI's Argo buoys from the Gotland Deep and the Bothnian Sea -Maintenance of the Gotland wave buoy - Installation of a wave buoy and ADCP near Eurajoki for an aquaculture project.

Scientific staff:

Chief scientist:	Simo-Matti Siiriä	FMI	
CTD chief:		FMI	
		FMI	27.05.2021 - 27.05.2021
		FMI	27.05.2021 - 27.05.2021
		FMI	27.05.2021 - 27.05.2021

Altogether 4 persons in scientific staff.

Departure from: HELSINKI
Departure time: Monday 17.05.2021 at 16.00

Cruising speed: 10,0 knots
 Average station time: 0 h 15 min.

Arrival to: HELSINKI
Arrival time: Thursday 27.05.2021 at 16.19

Duration of the cruise: 10 days 0 h 19 min
 Length of the cruise: 1729,79 nautical miles
 Number of stations 198. Points with name "P" are just route points without observations.

Route:

Nro	Station	Lat.	Long.	Depth		Arrival		Durat. hh:mm	Speed knots
				[m]	hh:mm	dy	dd.mm.yyyy		
0	HELSINKI	60°09.55'	24°55.37'	0	16.00	Mo	17.05.2021	0:00	S 10,0
1	39A	60°04.01'	24°58.81'	41	16.34	Mo	17.05.2021	0:39	S 9,0
2	LL7	59°50.79'	24°50.27'	100	18.46	Mo	17.05.2021	0:25	S 9,0
3	LL9	59°42.01'	24°01.81'	69	22.04	Mo	17.05.2021	0:25	S 9,0
4	LL11	59°35.01'	23°17.81'	68	01.04	Tu	18.05.2021	0:25	S 9,0
5	LL12	59°29.01'	22°53.81'	82	03.00	Tu	18.05.2021	0:25	S 10,0
6	TPDEEP1	59°22.70'	21°26.47'	215	07.54	Tu	18.05.2021	0:25	S 9,0
7	AALTO_PI	59°15.00'	20°59.81'	98	10.03	Tu	18.05.2021	0:15	S 10,0
8	BAF6	59°11.50'	20°45.40'	109	11.07	Tu	18.05.2021	0:15	S 10,0

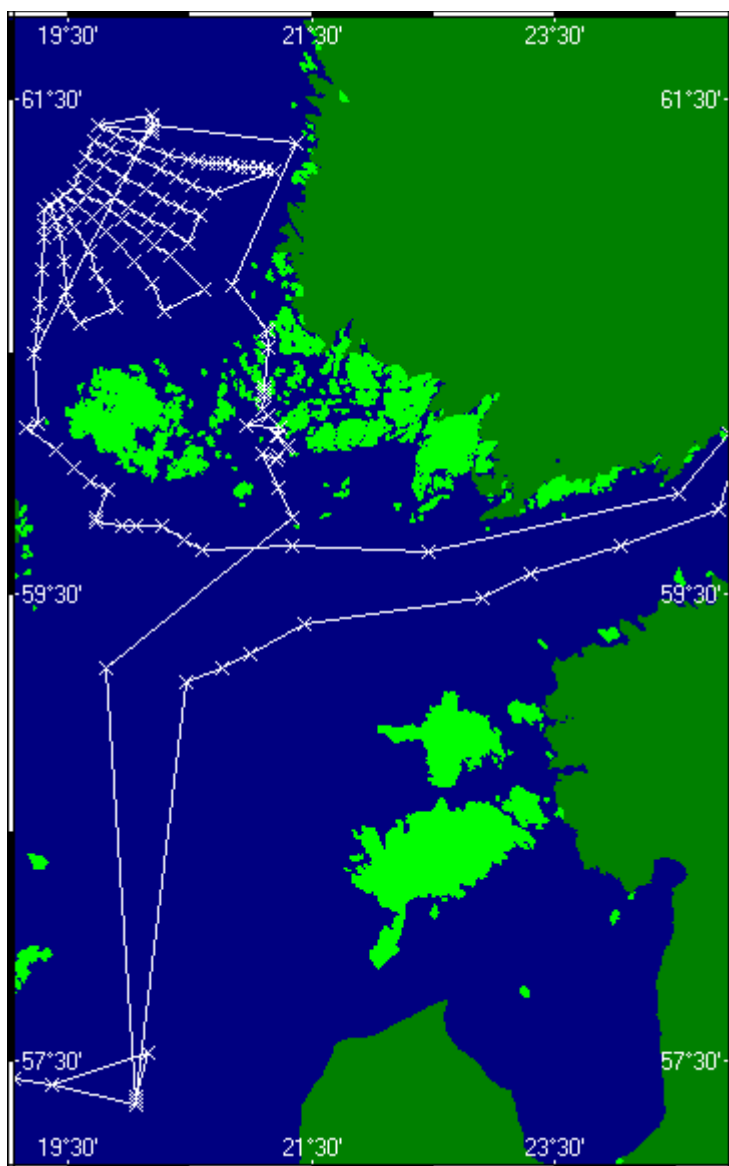
9	BAD6	59°07.80'	20°27.40'	116	12.22	Tu	18.05.2021	0:15	S	10,0
10	Lasku2	57°20.20'	20°03.00'	?	23.27	Tu	18.05.2021	0:30	S	10,0
11	BY15	57°19.20'	20°03.00'	238	00.03	We	19.05.2021	0:30	S	10,0
12	Lasku1	57°18.20'	20°03.00'	?	00.39	We	19.05.2021	0:30	S	10,0
13	SV_Border	57°23.50'	19°21.30'	?	03.28	We	19.05.2021	0:00	S	10,0
14	WAVE1	57°25.00'	19°03.00'	?	04.27	We	19.05.2021	3:00	S	10,0
15	SV_Border	57°23.50'	19°21.30'	?	08.27	We	19.05.2021	0:00	S	10,0
16	GtD_Argo	57°32.00'	20°09.00'	?	11.09	We	19.05.2021	1:00	S	10,0
17	Lasku2	57°20.20'	20°03.00'	?	13.23	We	19.05.2021	0:15	S	10,0
18	BY15	57°19.20'	20°03.00'	238	13.44	We	19.05.2021	0:15	S	10,0
19	Lasku1	57°18.20'	20°03.00'	?	14.05	We	19.05.2021	0:15	S	10,0
20	LAPE1	59°11.28'	19°48.12'	?	01.40	Th	20.05.2021	0:25	S	10,0
21	IU7	59°48.91'	21°20.20'	92	08.05	Th	20.05.2021	0:25	S	10,0
22	IU6	59°56.21'	21°13.26'	120	09.18	Th	20.05.2021	0:25	S	10,0
23	P	60°05.00'	21°05.10'	-	10.42	Th	20.05.2021	0:00	S	10,0
24	IU5	60°03.49'	21°11.90'	89	11.04	Th	20.05.2021	0:25	S	10,0
25	P	60°04.55'	21°12.80'	-	11.36	Th	20.05.2021	0:00	S	10,0
26	P	60°06.25'	21°17.20'	-	11.52	Th	20.05.2021	0:00	S	10,0
27	P	60°07.00'	21°18.00'	-	11.57	Th	20.05.2021	0:00	S	10,0
28	P	60°09.40'	21°13.75'	-	12.17	Th	20.05.2021	0:00	S	10,0
29	P	60°09.20'	21°12.75'	-	12.20	Th	20.05.2021	0:00	S	10,0
30	P	60°11.10'	21°13.80'	-	12.32	Th	20.05.2021	0:00	S	10,0
31	HSP_ADCP	60°11.90'	20°57.12'	?	13.22	Th	20.05.2021	2:30	S	10,0
32	IU4	60°14.00'	21°08.80'	51	16.29	Th	20.05.2021	0:25	S	10,0
33	P	60°15.60'	21°05.50'	-	17.07	Th	20.05.2021	0:00	S	10,0
34	P	60°19.20'	21°06.25'	-	17.29	Th	20.05.2021	0:00	S	10,0
35	P	60°19.40'	21°05.50'	-	17.32	Th	20.05.2021	0:00	S	10,0
36	IU3	60°20.00'	21°06.80'	48	17.37	Th	20.05.2021	0:25	S	10,0
37	P	60°20.80'	21°06.50'	-	18.07	Th	20.05.2021	0:00	S	10,0
38	P	60°30.80'	21°08.60'	-	19.07	Th	20.05.2021	0:00	S	10,0
39	IU2	60°35.01'	21°07.80'	54	19.33	Th	20.05.2021	0:25	S	10,0
40	IU2_ADCP21	60°34.75'	21°08.04'	54	19.59	Th	20.05.2021	2:30	S	10,0
41	IU1	60°46.01'	20°50.80'	33	23.54	Th	20.05.2021	0:25	S	10,0
42	EURAJOKI	61°19.52'	21°22.15'	?	03.59	Fr	21.05.2021	2:30	S	10,0
43	ARVORC_SM_2020	61°24.08'	20°11.33'	?	09.55	Fr	21.05.2021	1:00	S	10,0
44	Lasku3	61°23.00'	20°11.33'	?	11.01	Fr	21.05.2021	1:00	S	10,0
45	Lasku4	61°22.00'	20°11.33'	?	12.07	Fr	21.05.2021	1:00	S	10,0
46	HAPE2	61°26.40'	20°11.40'	?	13.34	Fr	21.05.2021	1:00	S	10,0
47	SEME_I7	61°23.74'	19°44.59'	?	15.52	Fr	21.05.2021	0:15	S	10,0
48	SEME_I6	61°21.66'	19°53.00'	?	16.35	Fr	21.05.2021	0:15	S	10,0
49	SEME_I5	61°19.77'	20°04.08'	?	17.23	Fr	21.05.2021	0:15	S	10,0
50	SEME_I4	61°17.04'	20°19.32'	?	18.25	Fr	21.05.2021	0:15	S	10,0
51	EROS25	61°16.00'	20°28.79'	100	19.08	Fr	21.05.2021	0:15	S	10,0
52	EROS24	61°15.51'	20°33.79'	97	19.38	Fr	21.05.2021	0:15	S	10,0
53	EROS23	61°15.01'	20°38.79'	86	20.08	Fr	21.05.2021	0:15	S	10,0
54	EROS22	61°15.01'	20°42.79'	76	20.34	Fr	21.05.2021	0:15	S	10,0
55	EROS21	61°15.01'	20°46.79'	79	21.01	Fr	21.05.2021	0:15	S	10,0
56	EROS20	61°14.51'	20°50.79'	60	21.28	Fr	21.05.2021	0:15	S	10,0
57	EROS19	61°14.01'	20°54.79'	53	21.55	Fr	21.05.2021	0:15	S	10,0
58	EROS18	61°14.01'	20°58.79'	54	22.21	Fr	21.05.2021	0:15	S	10,0
59	EROS17	61°14.01'	21°03.79'	44	22.51	Fr	21.05.2021	0:15	S	10,0
60	EROS16	61°13.41'	21°07.79'	26	23.18	Fr	21.05.2021	0:15	S	10,0
61	EROS15	61°13.01'	21°11.79'	25	23.45	Fr	21.05.2021	0:15	S	10,0
62	SEME_H1	61°07.67'	20°41.73'	?	01.32	Sa	22.05.2021	0:15	S	10,0
63	SEME_H2	61°09.96'	20°30.92'	?	02.21	Sa	22.05.2021	0:15	S	10,0
64	SEME_H3	61°11.63'	20°23.15'	?	03.01	Sa	22.05.2021	0:15	S	10,0
65	SEME_H4	61°13.42'	20°15.29'	?	03.41	Sa	22.05.2021	0:15	S	10,0
66	SEME_H5	61°16.21'	20°01.85'	?	04.38	Sa	22.05.2021	0:15	S	10,0
67	SEME_H6	61°18.42'	19°50.56'	?	05.29	Sa	22.05.2021	0:15	S	10,0
68	SEME_H7	61°20.24'	19°42.00'	?	06.11	Sa	22.05.2021	0:15	S	10,0
69	SEME_G7	61°16.25'	19°38.53'	?	06.51	Sa	22.05.2021	0:15	S	10,0
70	SEME_G6	61°14.37'	19°47.18'	?	07.34	Sa	22.05.2021	0:15	S	10,0
71	SEME_G5	61°11.41'	19°56.49'	?	08.21	Sa	22.05.2021	0:15	S	10,0
72	SEME_G4	61°08.83'	20°07.66'	?	09.12	Sa	22.05.2021	0:15	S	10,0
73	SEME_G3	61°06.54'	20°15.73'	?	09.54	Sa	22.05.2021	0:15	S	10,0

74	SEME_G2	61°04.55'	20°24.84'	?	10.38	Sa	22.05.2021	0:15	S	10,0
75	SEME_G1	61°02.76'	20°34.93'	?	11.24	Sa	22.05.2021	0:15	S	10,0
76	SEME_F1	60°55.66'	20°28.88'	?	12.25	Sa	22.05.2021	0:15	S	10,0
77	SEME_F2	60°59.10'	20°18.80'	?	13.16	Sa	22.05.2021	0:15	S	10,0
78	SEME_F3	61°01.80'	20°09.60'	?	14.02	Sa	22.05.2021	0:15	S	10,0
79	SEME_F4	61°04.70'	19°59.40'	?	14.52	Sa	22.05.2021	0:15	S	10,0
80	SEME_F5	61°07.08'	19°51.90'	?	15.33	Sa	22.05.2021	0:15	S	10,0
81	SEME_F5	61°07.08'	19°51.90'	?	15.48	Sa	22.05.2021	0:15	S	10,0
82	SEME_F6	61°10.30'	19°42.60'	?	16.36	Sa	22.05.2021	0:15	S	10,0
83	SEME_F7	61°13.00'	19°36.00'	89	17.16	Sa	22.05.2021	0:15	S	10,0
84	SEME_E7	61°09.39'	19°32.75'	89	17.55	Sa	22.05.2021	0:15	S	10,0
85	SEME_E6	61°07.47'	19°38.70'	?	18.30	Sa	22.05.2021	0:15	S	10,0
86	SEME_E5	61°04.76'	19°47.11'	?	19.15	Sa	22.05.2021	0:15	S	10,0
87	SEME_E4	61°01.38'	19°56.17'	?	20.03	Sa	22.05.2021	0:15	S	10,0
88	SEME_E3	60°57.26'	20°07.87'	?	21.00	Sa	22.05.2021	0:15	S	10,0
89	SEME_E2	60°55.60'	20°11.70'	?	21.30	Sa	22.05.2021	0:15	S	10,0
90	SEME_E1	60°53.05'	20°20.14'	?	22.14	Sa	22.05.2021	0:15	S	10,0
91	SEME_E0	60°45.02'	20°36.58'	?	23.37	Sa	22.05.2021	0:15	S	10,0
92	SEME_D0	60°39.32'	20°16.97'	?	00.59	Su	23.05.2021	0:15	S	10,0
93	SEME_D1	60°46.35'	20°11.08'	?	02.00	Su	23.05.2021	0:15	S	10,0
94	SEME_D2	60°51.50'	20°02.50'	?	02.54	Su	23.05.2021	0:15	S	10,0
95	SEME_D3	60°55.15'	19°55.53'	?	03.39	Su	23.05.2021	0:15	S	10,0
96	SEME_D4	60°58.78'	19°48.82'	117	04.24	Su	23.05.2021	0:15	S	10,0
97	SEME_D5	61°01.93'	19°41.92'	?	05.06	Su	23.05.2021	0:15	S	10,0
98	SR5	61°05.00'	19°34.78'	126	05.49	Su	23.05.2021	0:15	S	10,0
99	SEME_D7	61°07.15'	19°27.31'	?	06.29	Su	23.05.2021	0:15	S	10,0
100	SEME_C7	61°06.44'	19°24.52'	?	06.53	Su	23.05.2021	0:15	S	10,0
101	SEME_C6	61°03.25'	19°28.81'	?	07.31	Su	23.05.2021	0:15	S	10,0
102	SEME_C5	60°59.58'	19°33.00'	?	08.11	Su	23.05.2021	0:15	S	10,0
103	SEME_C4	60°53.78'	19°40.26'	?	09.07	Su	23.05.2021	0:15	S	10,0
104	SEME_C3	60°48.73'	19°43.89'	?	09.54	Su	23.05.2021	0:15	S	10,0
105	SEME_C2	60°46.00'	19°47.40'	?	10.28	Su	23.05.2021	0:15	S	10,0
106	SEME_C1	60°40.50'	19°53.61'	?	11.21	Su	23.05.2021	0:15	S	10,0
107	SEME_B1	60°36.43'	19°35.56'	?	12.34	Su	23.05.2021	0:15	S	10,0
108	SEME_B2	60°40.40'	19°29.30'	?	13.20	Su	23.05.2021	0:15	S	10,0
109	SEME_B3	60°44.11'	19°28.81'	?	13.57	Su	23.05.2021	0:15	S	10,0
110	SEME_B4	60°51.75'	19°27.24'	?	14.58	Su	23.05.2021	0:15	S	10,0
111	SEME_B5	60°58.08'	19°25.76'	?	15.51	Su	23.05.2021	0:15	S	10,0
112	SEME_B6	61°01.35'	19°23.94'	?	16.26	Su	23.05.2021	0:15	S	10,0
113	SEME_B7	61°05.01'	19°21.00'	?	17.05	Su	23.05.2021	0:15	S	10,0
114	SEME_A7	61°03.88'	19°17.54'	111	17.32	Su	23.05.2021	0:15	S	10,0
115	SEME_A6	61°00.40'	19°17.52'	?	18.08	Su	23.05.2021	0:15	S	10,0
116	SEME_A5	60°57.30'	19°17.85'	?	18.42	Su	23.05.2021	0:15	S	10,0
117	SEME_A4	60°49.72'	19°17.19'	?	19.42	Su	23.05.2021	0:15	S	10,0
118	SEME_A3	60°41.47'	19°15.62'	?	20.47	Su	23.05.2021	0:15	S	10,0
119	SEME_A2	60°36.00'	19°14.70'	?	21.35	Su	23.05.2021	0:15	S	10,0
120	SEME_A1	60°29.32'	19°12.41'	?	22.30	Su	23.05.2021	0:15	S	10,0
121	ARVORC_SM_2020	61°24.08'	20°11.33'	?	04.56	Mo	24.05.2021	1:00	S	10,0
122	Lasku3	61°23.00'	20°11.33'	?	06.03	Mo	24.05.2021	0:15	S	10,0
123	Lasku4	61°22.00'	20°11.33'	?	06.24	Mo	24.05.2021	0:15	S	10,0
124	SEME_I7	61°23.74'	19°44.59'	?	07.56	Mo	24.05.2021	0:15	S	10,0
125	SEME_I6	61°21.66'	19°53.00'	?	08.38	Mo	24.05.2021	0:15	S	10,0
126	SEME_I5	61°19.77'	20°04.08'	?	09.27	Mo	24.05.2021	0:15	S	10,0
127	SEME_I4	61°17.04'	20°19.32'	?	10.29	Mo	24.05.2021	0:15	S	10,0
128	EROS25	61°16.00'	20°28.79'	100	11.12	Mo	24.05.2021	0:15	S	10,0
129	EROS24	61°15.51'	20°33.79'	97	11.42	Mo	24.05.2021	0:15	S	10,0
130	EROS23	61°15.01'	20°38.79'	86	12.12	Mo	24.05.2021	0:15	S	10,0
131	EROS22	61°15.01'	20°42.79'	76	12.38	Mo	24.05.2021	0:15	S	10,0
132	EROS21	61°15.01'	20°46.79'	79	13.05	Mo	24.05.2021	0:15	S	10,0
133	EROS20	61°14.51'	20°50.79'	60	13.32	Mo	24.05.2021	0:15	S	10,0
134	EROS19	61°14.01'	20°54.79'	53	13.59	Mo	24.05.2021	0:15	S	10,0
135	EROS18	61°14.01'	20°58.79'	54	14.25	Mo	24.05.2021	0:15	S	10,0
136	EROS17	61°14.01'	21°03.79'	44	14.55	Mo	24.05.2021	0:15	S	10,0
137	EROS16	61°13.41'	21°07.79'	26	15.22	Mo	24.05.2021	0:15	S	10,0
138	EROS15	61°13.01'	21°11.79'	25	15.48	Mo	24.05.2021	0:15	S	10,0

139	SEME_H1	61°07.67'	20°41.73'	?	17.36	Mo	24.05.2021	0:15	S	10,0
140	SEME_H2	61°09.96'	20°30.92'	?	18.25	Mo	24.05.2021	0:15	S	10,0
141	SEME_H3	61°11.63'	20°23.15'	?	19.05	Mo	24.05.2021	0:15	S	10,0
142	SEME_H4	61°13.42'	20°15.29'	?	19.45	Mo	24.05.2021	0:15	S	10,0
143	SEME_H5	61°16.21'	20°01.85'	?	20.42	Mo	24.05.2021	0:15	S	10,0
144	SEME_H6	61°18.42'	19°50.56'	?	21.32	Mo	24.05.2021	0:15	S	10,0
145	SEME_H7	61°20.24'	19°42.00'	?	22.14	Mo	24.05.2021	0:15	S	10,0
146	SEME_G7	61°16.25'	19°38.53'	?	22.55	Mo	24.05.2021	0:15	S	10,0
147	SEME_G6	61°14.37'	19°47.18'	?	23.38	Mo	24.05.2021	0:15	S	10,0
148	SEME_G5	61°11.41'	19°56.49'	?	00.25	Tu	25.05.2021	0:15	S	10,0
149	SEME_G4	61°08.83'	20°07.66'	?	01.16	Tu	25.05.2021	0:15	S	10,0
150	SEME_G3	61°06.54'	20°15.73'	?	01.58	Tu	25.05.2021	0:15	S	10,0
151	SEME_G2	61°04.55'	20°24.84'	?	02.42	Tu	25.05.2021	0:15	S	10,0
152	SEME_G1	61°02.76'	20°34.93'	?	03.28	Tu	25.05.2021	0:15	S	10,0
153	SEME_F1	60°55.66'	20°28.88'	?	04.29	Tu	25.05.2021	0:15	S	10,0
154	SEME_F2	60°59.10'	20°18.80'	?	05.20	Tu	25.05.2021	0:15	S	10,0
155	SEME_F3	61°01.80'	20°09.60'	?	06.06	Tu	25.05.2021	0:15	S	10,0
156	SEME_F4	61°04.70'	19°59.40'	?	06.56	Tu	25.05.2021	0:15	S	10,0
157	SEME_F5	61°07.08'	19°51.90'	?	07.37	Tu	25.05.2021	0:15	S	10,0
158	SEME_F5	61°07.08'	19°51.90'	?	07.52	Tu	25.05.2021	0:15	S	10,0
159	SEME_F6	61°10.30'	19°42.60'	?	08.40	Tu	25.05.2021	0:15	S	10,0
160	SEME_F7	61°13.00'	19°36.00'	89	09.20	Tu	25.05.2021	0:15	S	10,0
161	SEME_E7	61°09.39'	19°32.75'	89	09.59	Tu	25.05.2021	0:15	S	10,0
162	SEME_E6	61°07.47'	19°38.70'	?	10.34	Tu	25.05.2021	0:15	S	10,0
163	SEME_E5	61°04.76'	19°47.11'	?	11.19	Tu	25.05.2021	0:15	S	10,0
164	SEME_E4	61°01.38'	19°56.17'	?	12.07	Tu	25.05.2021	0:15	S	10,0
165	SEME_E3	60°57.26'	20°07.87'	?	13.04	Tu	25.05.2021	0:15	S	10,0
166	SEME_E2	60°55.60'	20°11.70'	?	13.34	Tu	25.05.2021	0:15	S	10,0
167	SEME_E1	60°53.05'	20°20.14'	?	14.18	Tu	25.05.2021	0:15	S	10,0
168	SEME_E0	60°45.02'	20°36.58'	?	15.41	Tu	25.05.2021	0:15	S	10,0
169	SEME_D0	60°39.32'	20°16.97'	?	17.03	Tu	25.05.2021	0:15	S	10,0
170	SEME_D1	60°46.35'	20°11.08'	?	18.03	Tu	25.05.2021	0:15	S	10,0
171	SEME_D2	60°51.50'	20°02.50'	?	18.58	Tu	25.05.2021	0:15	S	10,0
172	SEME_D3	60°55.15'	19°55.53'	?	19.43	Tu	25.05.2021	0:15	S	10,0
173	SEME_D4	60°58.78'	19°48.82'	117	20.27	Tu	25.05.2021	0:15	S	10,0
174	SEME_D5	61°01.93'	19°41.92'	?	21.10	Tu	25.05.2021	0:15	S	10,0
175	SR5	61°05.00'	19°34.78'	126	21.53	Tu	25.05.2021	0:15	S	10,0
176	SEME_D7	61°07.15'	19°27.31'	?	22.33	Tu	25.05.2021	0:15	S	10,0
177	SEME_C7	61°06.44'	19°24.52'	?	22.57	Tu	25.05.2021	0:15	S	10,0
178	SEME_C6	61°03.25'	19°28.81'	?	23.35	Tu	25.05.2021	0:15	S	10,0
179	SEME_C5	60°59.58'	19°33.00'	?	00.15	We	26.05.2021	0:15	S	10,0
180	SEME_C4	60°53.78'	19°40.26'	?	01.11	We	26.05.2021	0:15	S	10,0
181	SEME_C3	60°48.73'	19°43.89'	?	01.58	We	26.05.2021	0:15	S	10,0
182	SEME_C2	60°46.00'	19°47.40'	?	02.32	We	26.05.2021	0:15	S	10,0
183	SEME_C1	60°40.50'	19°53.61'	?	03.25	We	26.05.2021	0:15	S	10,0
184	SEME_B1	60°36.43'	19°35.56'	?	04.38	We	26.05.2021	0:15	S	10,0
185	SEME_B2	60°40.40'	19°29.30'	?	05.23	We	26.05.2021	0:15	S	10,0
186	SEME_B3	60°44.11'	19°28.81'	?	06.01	We	26.05.2021	0:15	S	10,0
187	SEME_B4	60°51.75'	19°27.24'	?	07.02	We	26.05.2021	0:15	S	10,0
188	SEME_B5	60°58.08'	19°25.76'	?	07.55	We	26.05.2021	0:15	S	10,0
189	SEME_B6	61°01.35'	19°23.94'	?	08.30	We	26.05.2021	0:15	S	10,0
190	SEME_B7	61°05.01'	19°21.00'	?	09.09	We	26.05.2021	0:15	S	10,0
191	SEME_A7	61°03.88'	19°17.54'	111	09.36	We	26.05.2021	0:15	S	10,0
192	SEME_A6	61°00.40'	19°17.52'	?	10.12	We	26.05.2021	0:15	S	10,0
193	SEME_A5	60°57.30'	19°17.85'	?	10.46	We	26.05.2021	0:15	S	10,0
194	SEME_A4	60°49.72'	19°17.19'	?	11.46	We	26.05.2021	0:15	S	10,0
195	SEME_A3	60°41.47'	19°15.62'	?	12.51	We	26.05.2021	0:15	S	10,0
196	SEME_A2	60°36.00'	19°14.70'	?	13.39	We	26.05.2021	0:15	S	10,0
197	SEME_A1	60°29.32'	19°12.41'	?	14.34	We	26.05.2021	0:15	S	10,0
198	FÅ16	60°12.00'	19°14.80'	215	16.34	We	26.05.2021	0:15	S	10,0
199	F64	60°11.34'	19°08.55'	285	17.08	We	26.05.2021	0:15	S	10,0
200	FÅ12	60°06.00'	19°23.80'	255	18.18	We	26.05.2021	0:15	S	10,0
201	ALAND_SEA	60°01.30'	19°32.80'	214	19.12	We	26.05.2021	0:15	S	10,0
202	FÅ7	59°58.00'	19°40.80'	214	19.58	We	26.05.2021	0:15	S	10,0
203	F67	59°56.00'	19°49.80'	205	20.43	We	26.05.2021	0:15	S	10,0

204	ASMS_AW2	59°49.20'	19°43.68'	?	21.43	We	26.05.2021	0:15	S	10,0
205	ASMS_AW1	59°47.88'	19°43.68'	?	22.06	We	26.05.2021	0:15	S	10,0
206	F69	59°47.00'	19°55.80'	189	22.58	We	26.05.2021	0:15	S	10,0
207	LAGSK_02	59°47.00'	20°03.50'	208	23.36	We	26.05.2021	0:15	S	10,0
208	LAGSK_04	59°47.00'	20°15.99'	190	00.29	Th	27.05.2021	0:15	S	10,0
209	LAGSK_06	59°43.53'	20°27.12'	170	01.23	Th	27.05.2021	0:15	S	10,0
210	LAGSK_07	59°40.99'	20°35.81'	147	02.09	Th	27.05.2021	0:15	S	10,0
211	P	59°42.09'	21°19.82'	-	04.37	Th	27.05.2021	0:00	S	10,0
212	P	59°42.00'	21°20.00'	-	04.38	Th	27.05.2021	0:00	S	10,0
213	P	59°40.47'	22°27.23'	-	08.02	Th	27.05.2021	0:00	S	10,0
214	P	59°55.00'	24°30.81'	-	14.25	Th	27.05.2021	0:00	S	10,0
215	HELSINKI	60°09.55'	24°55.37'	0	16.19	Th	27.05.2021	0:15	S	10,0

Route map:



Cruise plan is printed at 12.05.2021 aa 11.13.