



RV Aranda

CRUISE PLAN

SL1, 2016

9. - 12.5.2016

Description of the cruise

To monitor the environmental state of the Gulf of Finland.

Scientific staff:

Chief scientist:	Mika Raateoja	SYKE	09.05.2016 - 12.05.2016
CTD chief:		SYKE	09.05.2016 - 12.05.2016
Chief chemist:		SYKE	09.05.2016 - 12.05.2016
IT chief:		SYKE	09.05.2016 - 12.05.2016
		FMI	09.05.2016 - 12.05.2016
		SYKE	09.05.2016 - 12.05.2016
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		SYKE	09.05.2016 - 12.05.2016
		AKERARCTIC	09.05.2016 - 12.05.2016
		HY	09.05.2016 - 12.05.2016
		HY	09.05.2016 - 12.05.2016

Altogether 17 persons in scientific staff.

Departure from: HELSINKI
Departure time: Monday 09.05.2016 at 10:00

Cruising speed: 10,0 knots
 Average station time: 2 h 0 min.

Arrival to: HELSINKI
Arrival time: Thursday 12.05.2016 at 03:57

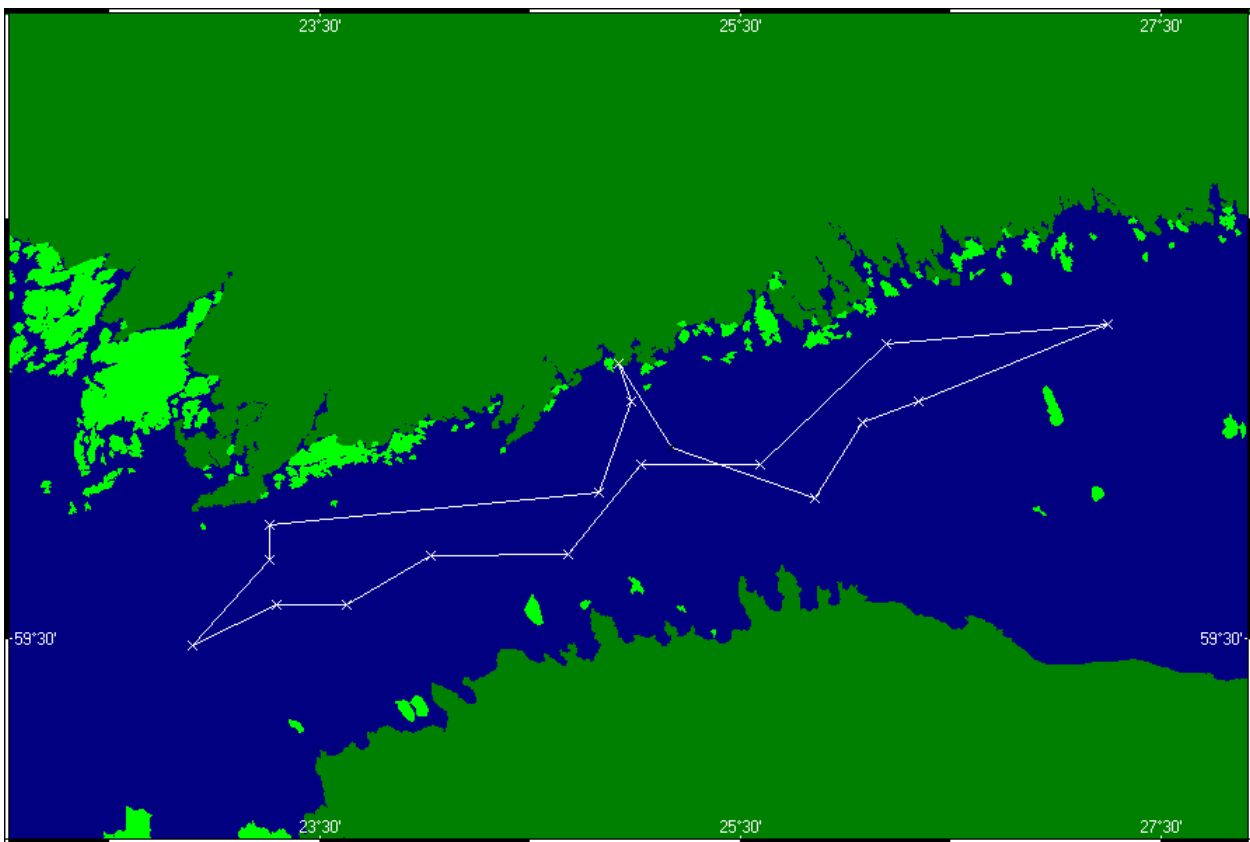
Duration of the cruise: 2 days 17 h 57 min
 Length of the cruise: 322,13 nautical miles
 Number of stations 16. Points with name "P" are just route points without observations.

Route:

Nro	Station	Lat.	Long.	Depth		Arrival		Durat.	Speed
				[m]	hh:mm	dy	dd.mm.yyyy		
0	HELSINKI	60°09.55'	24°55.37'	0	10:00	Mo	09.05.2016	0:00	S 10,0
1	39A	60°04.01'	24°58.81'	41	10:34	Mo	09.05.2016	1:00	S 10,0
2	LL7S	59°51.01'	24°49.81'	78	12:57	Mo	09.05.2016	2:45	S 10,0

3	Längden	59°46.36'	23°15.59'	60	20:27	Mo	09.05.2016	2:00	S	10,0
4	AMN	59°41.43'	23°15.43'	56	22:57	Mo	09.05.2016	1:45	S	10,0
5	LL12	59°29.01'	22°53.81'	82	02:21	Tu	10.05.2016	2:45	S	10,0
6	LL11	59°35.01'	23°17.81'	68	06:28	Tu	10.05.2016	1:45	S	10,0
7	JML	59°34.91'	23°37.61'	80	09:13	Tu	10.05.2016	2:00	S	10,0
8	LL9	59°42.01'	24°01.81'	69	12:38	Tu	10.05.2016	2:45	S	10,0
9	GF1	59°42.30'	24°40.93'	84	17:21	Tu	10.05.2016	2:45	S	10,0
10	LL6A	59°55.01'	25°01.81'	75	21:45	Tu	10.05.2016	1:45	S	10,0
11	LL5	59°55.01'	25°35.82'	70	01:12	We	11.05.2016	1:45	S	10,0
12	XIV3	60°12.19'	26°11.57'	77	05:26	We	11.05.2016	1:15	S	10,0
13	XV1	60°15.00'	27°14.82'	64	09:50	We	11.05.2016	2:45	S	10,0
14	LL3A	60°04.03'	26°20.80'	68	15:29	We	11.05.2016	3:15	S	10,0
15	LL4A	60°01.01'	26°04.81'	60	19:36	We	11.05.2016	1:45	S	10,0
16	GF2	59°50.31'	25°51.41'	84	22:36	We	11.05.2016	1:45	S	10,0
17	P	59°57.50'	25°10.47'	-	02:32	Th	12.05.2016	0:00	S	10,0
18	HELSINKI	60°09.55'	24°55.37'	0	03:57	Th	12.05.2016	0:00	S	10,0

Route map:



Cruise plan is printed at 28.04.2016 a 15:17.