



RV Aranda

Cruise plan ***Combine 4*** **20. - 26.4.2021**

Description of the cruise:

Baltic Sea monitoring

Chief scientist: Spilling Kristian, -

Chief chemist: Kinnunen Tanja, -, 26.04. - 26.04.

CTD-chief: Haavisto Noora, -, 26.04. - 26.04.

Staff: Teresa Camarena, SYKE, 26.04. - 26.04.

Panu Hänninen, SYKE, 26.04. - 26.04.

Jacqueline Jerney, SYKE, 26.04. - 26.04.

Ilkka Lastumäki, SYKE, 26.04. - 26.04.

Elisa Lindgren, FMI, 26.04. - 26.04.

Jere Riikonen, SYKE, 26.04. - 26.04.

Tuomo Roine, FMI, 26.04. - 26.04.

Kirsi Rosendahl, SYKE, 26.04. - 26.04.

Mari Vanharanta, SYKE, 26.04. - 26.04.

Mira Granlund, SYKE, 26.04. - 26.04.

Altogether 13 scientists.

Departure: HELSINKI Tuesday 20.04.2021 at 10:00

Arrival: UUSIKAUP1 Monday 26.04.2021 at 05:59

Cruising speed: 10.0 knots.

Duration of the cruise: 5 days 19 h 59 min

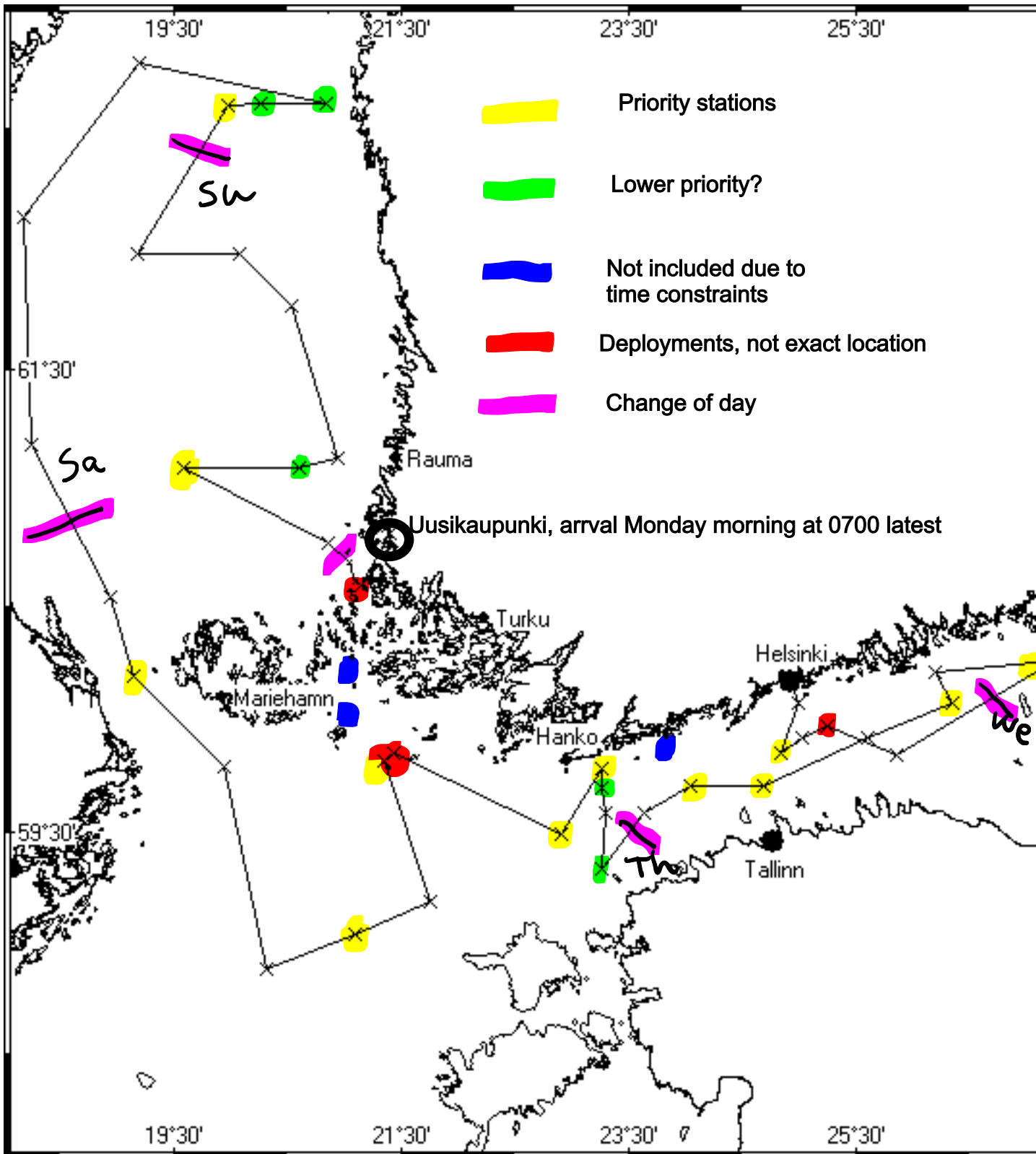
Length of the cruise: 1004.85 nautical miles.

Number of observation stations 39 . Route points named as "P" are transit points only.

Route:

Nro	Name	Lat. [WGS-84]	Long.	Depth [m]	Arrival			Duration		Speed knots
					hh:mm	pv	pp.kk.vvvv	hh	mm	
	0 HELSINKI	60°09.55'	24°55.37'	0	10:00	Tu	20.04.2021	0	0	S 10.00
Tu	1 39A	60°04.01'	24°58.81'	41	10:34	Tu	20.04.2021	0	45	S 10.00
	2 LL7	59°50.79'	24°50.27'	100	12:43	Tu	20.04.2021	1	30	S 10.00
	3 LL6A	59°55.01'	25°01.81'	75	14:56	Tu	20.04.2021	0	45	S 10.00
	4 AALTO_HKI	59°57.90'	25°14.10'	62	16:21	Tu	20.04.2021	2	0	S 10.00
	5 GF2	59°50.31'	25°51.41'	84	20:23	Tu	20.04.2021	0	45	S 10.00
	6 XV1	60°15.00'	27°14.82'	64	01:58	We	21.04.2021	1	30	S 10.00
	7 XIV3	60°12.19'	26°11.57'	77	06:37	We	21.04.2021	0	45	S 10.00
We	8 LL3A	60°04.03'	26°20.80'	68	08:18	We	21.04.2021	1	30	S 10.00
	9 LL5	59°55.01'	25°35.82'	70	12:14	We	21.04.2021	0	45	S 10.00
	10 GF1	59°42.30'	24°40.93'	84	16:01	We	21.04.2021	1	30	S 10.00
	11 LL9	59°42.01'	24°01.81'	69	19:30	We	21.04.2021	1	30	S 10.00
	12 JML	59°34.91'	23°37.61'	80	22:25	We	21.04.2021	0	45	S 10.00
	13 F62	59°20.01'	23°15.81'	95	01:01	Th	22.04.2021	0	45	S 10.00
	14 LL11	59°35.01'	23°17.81'	68	03:16	Th	22.04.2021	0	45	S 10.00
Th	15 AMN	59°41.43'	23°15.43'	70	04:40	Th	22.04.2021	0	45	S 10.00
	16 LANGDEN	59°46.61'	23°15.77'	60	05:56	Th	22.04.2021	1	30	S 10.00
	17 LL12	59°29.01'	22°53.81'	82	09:31	Th	22.04.2021	1	30	S 11.00
	18 UTÖ	59°51.00'	21°25.80'	30	15:32	Th	22.04.2021	3	0	S 10.00
	19 IU7	59°48.91'	21°20.20'	92	18:53	Th	22.04.2021	2	0	S 10.00
	20 LL15	59°11.00'	21°44.81'	126	00:52	Fr	23.04.2021	0	45	S 11.00
	21 LL17	59°02.00'	21°04.77'	171	03:40	Fr	23.04.2021	1	30	S 11.00
Fr	22 LL19	58°52.84'	20°18.65'	169	07:29	Fr	23.04.2021	0	45	S 10.00
	23 F69	59°47.00'	19°55.80'	189	13:46	Fr	23.04.2021	0	45	S 11.00
	24 F64	60°11.34'	19°08.55'	285	17:36	Fr	23.04.2021	1	30	S 11.00
	25 F33	60°31.99'	18°56.26'	135	21:04	Fr	23.04.2021	0	45	S 11.00
	26 SR3	61°11.00'	18°13.80'	72	01:49	Sa	24.04.2021	0	45	S 11.00
Sa	27 MS3	62°08.07'	18°09.78'	84	07:46	Sa	24.04.2021	0	45	S 11.00
	28 US3	62°45.53'	19°11.74'	182	12:48	Sa	24.04.2021	0	45	S 10.00
	29 US7	62°36.01'	20°49.78'	23	18:09	Sa	24.04.2021	0	45	S 10.00
	30 US6B	62°36.01'	20°15.78'	83	20:28	Sa	24.04.2021	0	45	S 10.00
	31 US5B	62°35.17'	19°58.13'	214	22:02	Sa	24.04.2021	0	45	S 10.00
	32 MS6	61°59.02'	19°09.81'	72	03:02	Su	25.04.2021	0	45	S 11.00
	33 F26	61°59.01'	20°03.78'	140	06:06	Su	25.04.2021	0	45	S 11.00
	34 MS9	61°46.01'	20°31.83'	101	08:32	Su	25.04.2021	0	45	S 11.00
Su	35 SR8	61°07.59'	20°55.80'	46	12:55	Su	25.04.2021	0	45	S 11.00
	36 SR7	61°05.01'	20°35.79'	78	14:35	Su	25.04.2021	0	45	S 11.00
	37 SR5	61°05.00'	19°34.78'	126	18:01	Su	25.04.2021	1	30	S 11.00
	38 IU1	60°46.01'	20°50.80'	33	23:17	Su	25.04.2021	0	45	S 10.00

39	P	60°41.00'	21°02.25'	-9	00:48	Mo	26.04.2021	0	0	S	10.00
40	P	60°35.90'	21°05.60'	-9	01:20	Mo	26.04.2021	0	0	S	10.00
41	IU2	60°35.01'	21°07.80'	54	01:28	Mo	26.04.2021	3	0	S	10.00
42	UUSIKAUP1	60°48.01'	21°23.80'	4	05:59	Mo	26.04.2021	0	45	S	10.00



Route of the cruise Combine 4. Printed at 2021-04-11 13:31