REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 3

Baltic Sea

3.1 Sõrve poolsaar to Undva nina

Updated 01.11.2026

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Cartography Department

Fourth release August 2022

Copies of aerial photographs Estonian Land Board are used in this publication

Links to aerial panoramas www.estonia360.ee/sadamad/ of Joel Tammet are used in this publication

Sailing Directions for Estonian Waters is updated in compliance with navigational information, once a month
homepage: https://transpordiamet.ee/en/sailing-directions

VERTICAL REFERENCE SYSTEM

the depths in the Sailing Directions are given with reference to the 1977 Baltic Height System BHS-77, i.e. the Kronstadt Gauge Peil, unless otherwise indicated (BSCD2000^{EH2000})

from January 2018, the transition to the Baltic Sea Chart Datum 2000^{EH2000} (EVRS), i.e. the Normal Amsterdam Peil, began https://www.transpordiamet.ee/en/height-system-eh2000

NAVIGATIONAL INFORMATION

Web application Nutimeri
https://gis.transpordiamet.ee/nutimeri/

Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 3310 kHz at 02.33, 06.33, 10.33, 14.33, 18.33, 22.33 UTC

Local navigational warnings:
https://gis.transpordiamet.ee/navhoiatused/en.html

NAVTEX
station: Tallinn
symbol: F
frequency: 518 kHz
transmission times 00:50, 04:50, 08:50, 12:50, 16:50, 20:50 UTC
www-o.sjofartsverket.se/en/Maritime-services/Maritime-Traffic-Information/Navigational-Warnings/NAVTEX/

Notices to Mariners:
https://transpordiamet.ee/NtM

List of Lights, Estonia:
https://transpordiamet.ee/listoflights

REPORT

Malfunctions of aids to navigation, hazardous situations, violations of safety regulations

phone
+3726205665
e-mail
navinfo@transpordiamet.ee

Security incidents

phone
+3726205665
e-mail
maritime.security@transpordiamet.ee

NOTATION OF AMENDMENTS

year 2025, changed pages: 3, 7, 17, 20, 33

4th release

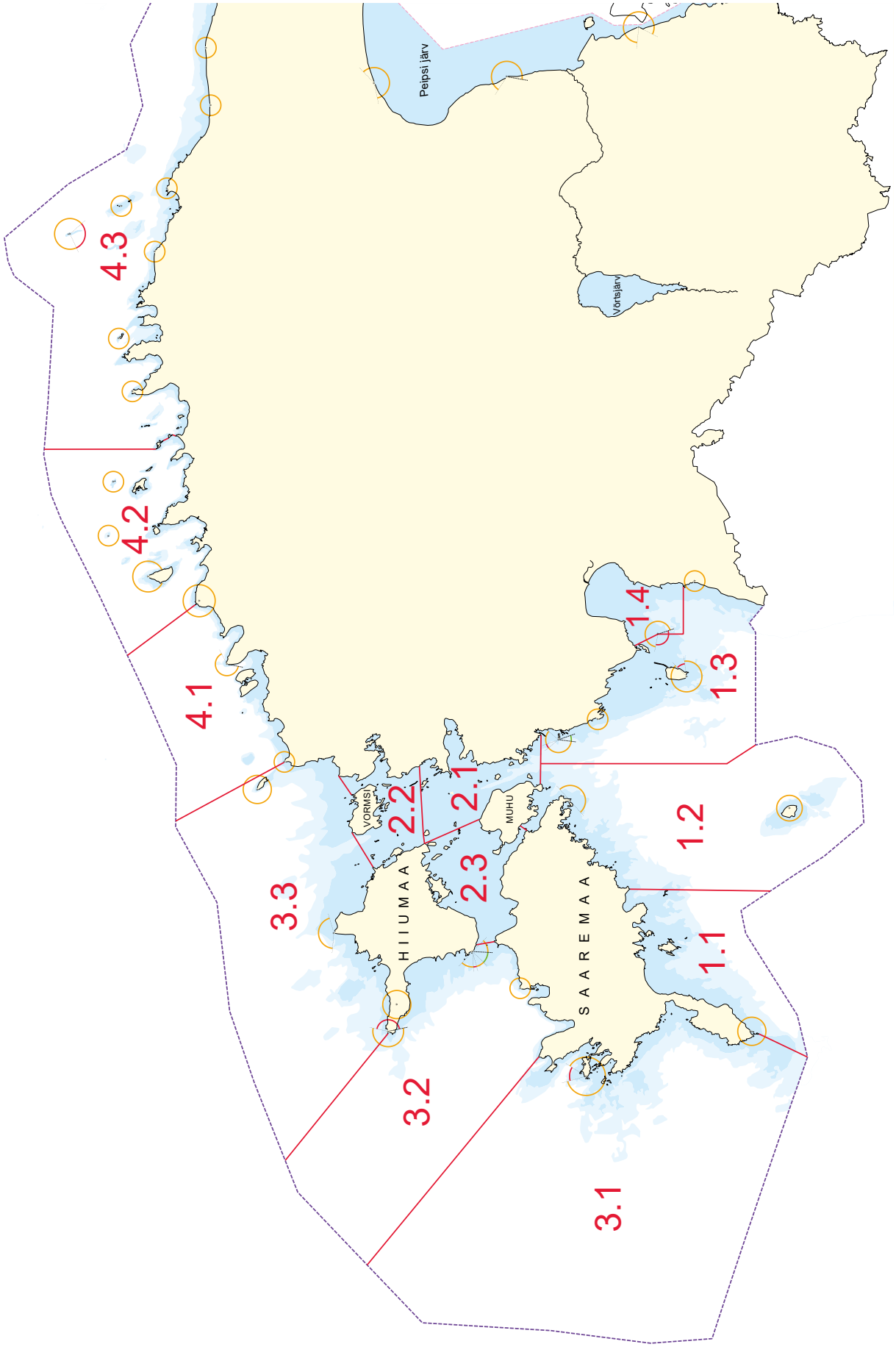
2026

Month	Page number																														Month
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XII																															XII

Please inform of any changes currently in use at navinfo@transpordiamet.ee

THE REGIONAL SCHEME IN THE SAILING DIRECTIONS



MARITIME RESCUE AND MARITIME POLLUTION

JRCC Tallinn

operational readiness
24 hours
channel/frequency
VHF-DSC 70 CH
VHF 16 CH
VHF 69 CH
MF-DSC 2187.5 kHz
MF 2182 kHz
MMSI
002760100
call sign
Tallinn Rescue
INMARSAT-C
581492480040
phone
+3726191224
emergency 112
fax
+3726922501
e-mail
jrcc@politsei.ee

Voluntary

Estonian Voluntary Rescue Union
https://maps.google.com/maps/ms?msid=209030024585672908914.0004a764b01c5b3c55d52&msa=0

Baltic Sea

General

Area
open sea from Sõrve säär to Põõsaspea – Hanko line

Description
relatively flat topography
coast is framed with frequent cliffs
numerous offshore banks
20 m isobath may extend 11 miles from the shore
offshore bank predominantly covered with sand and stones, deep sea bottom covered with mud

Currents
in the vicinity of Sõrve poolsaar current is influenced by variations in the water level and wind direction of the Gulf of Riga – the Baltic Sea

Salinity
surface 6–7 ‰

Waves
wave dependent on the wind direction
relatively sharp waves, rare swell may occur
with strong winds waves may rise up to 8 m

Climate and weather

Real time weather
KAUR www.ilmateenistus.ee/ilm/ilmavaatlused/vaatlusandmed/kaart/?lang=en
METOC http://on-line.msi.ttu.ee/metoc/
MSI http://on-line.msi.ttu.ee/kaart.php?en

Weather forecast
KAUR www.ilmateenistus.ee/meri/mereprognoosid/mereilm/?lang=en
Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 1650 kHz at 06.33 and 15.33 local time

Weather warnings
Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66 and MF 3310 kHz immediately after silence period
KAUR www.ilmateenistus.ee/ilm/prognoosid/hoiatused/?lang=en
e-mail subscription www.ilmateenistus.ee/teenused/teenuste-tellimine/?lang=en

Icechart
KAUR www.ilmateenistus.ee/meri/jaakaart/?lang=en#zoomableStaticMap/zoomOff

Mean monthly air temperature (°C) 1981 – 2010

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	-1.0	-1.9	-0.2	3.7	9.2	13.6	16.9	17.0	13.1	8.6	4.0	0.8
Vilsandi	-0.7	-1.8	0.2	4.3	9.4	13.5	17.4	17.2	13.1	8.6	4.0	1.1
Ristna	-0.9	-2.1	-0.1	3.7	8.7	13.1	17.0	16.8	12.7	8.3	3.6	0.8
Kärdla(*)	-1.9	-3.1	-0.5	3.7	9.2	13.7	16.5	15.9	11.4	7.3	2.3	-0.6
(*) - 1981 – 1999 mean monthly												

Mean monthly wind speed (m/s) / maximum blast (m/s) 1981 – 2010

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	7.4/35.0	6.6/31.0	5.8/27.0	5.5/30.0	5.4/25.0	5.2/27.0	5.1/30.0	5.3/25.1	6.3/27.0	6,9/32,0	7.2/32.5	7.3/31.0
Vilsandi	7.2/38.0	6.4/35.0	6.0/33.0	5.5/28.2	5.2/26.0	5.1/26.0	5.0/26.0	5.3/26.0	5.9/28.0	6,9/29,0	7.0/34.0	7.2/34.0
Ristna	4.8/30.0	4.1/27.0	3.6/25.0	3.2/24.0	3.1/25.0	3.2/21.0	3.3/23.0	3.6/21.0	4.0/29.0	4,5/28,0	4.5/28.0	4.7/29.0
Kärdla(*)	4.7/29.0	4.3/22.0	4.0/25.0	3.9/26.0	3.6/19.0	3.6/20.0	3.5/24.0	3.5/21.0	3.8/24.0	4,1/21,0	4.4/27.0	4.4/27.0
(*) - 1981 – 1999 mean monthly speed / maximum blast												

Mean monthly air pressure (hPa)(**) 1981 – 2010

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	1011.1	1012.4	1012.4	1013.7	1014.2	1012.3	1012.1	1012.1	1013.0	1012.7	1010.7	1011.3
Vilsandi	1009.9	1012.0	1011.4	1013.2	1014.5	1011.9	1011.7	1011.6	1012.8	1012.1	1011.0	1010.0
Ristna	1009.6	1011.9	1011.4	1013.2	1014.3	1011.6	1011.5	1011.5	1012.3	1011.8	1010.2	1009.9
Kärdla(*)	1010.0	1013.2	1013.0	1013.1	1015.6	1012.2	1012.2	1012.2	1012.0	1011.8	1012.3	1009.4
(*) - 1981 – 1999 mean monthly (**) - 1 hPa = 0.75006 mm Hg at 0°C												

Mean monthly cloudiness (balls) 1981 – 2000

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	8.0	7.6	6.9	6.4	6.0	6.4	6.1	6.3	6.7	7.3	8.2	8.1
Vilsandi	8.0	7.4	6.8	6.3	5.6	6.2	5.9	6.4	6.7	7.3	8.2	8.3
Ristna	8.0	7.3	6.8	6.2	5.5	5.9	5.7	6.2	6.5	7.2	8.2	8.3
Kärdla(*)	7.8	7.0	6.5	5.7	5.0	5.5	5.3	5.7	6.3	6.8	7.9	8.0
(*) - 1981 – 1999 mean monthly												

Mean monthly number of foggy days 1981 – 2000(**)

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	4	4	8	7	5	5	4	2	2	3	1	3
Vilsandi	3	3	6	6	5	4	2	1	1	2	2	2
Ristna	2	3	6	7	5	5	3	1	1	2	1	2
Kärdla(*)	3	2	4	5	2	1	1	2	1	3	2	2
(*) - 1981 – 1999 mean monthly (**) - following fog variations are considered in calculating foggy days: fog, transparency atmosphere fog, ice fog, transparency atmosphere ice fog												

Mean monthly number of precipitation days / mean amount of precipitation (mm) 1981 – 2010(**)

Station / Month	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Sõrve	11/42.9	8/29.8	8/30.6	7/27.8	6/33.1	8/52.0	8/64.1	9/66.1	10/55.8	13/69.9	13/67.5	12/47.0
Vilsandi	12/46.5	8/30.3	9/34.0	6/27.8	6/31.0	7/48.0	7/49.3	10/68.1	11/63.8	13/70.4	13/69.9	13/51.1
Ristna	12/54.9	9/38.9	9/37.0	7/30.7	6/32.9	7/47.3	7/54.9	10/69.0	10/62.3	13/72.2	13/78.7	14/60.2
Kärdla(*)	13/57.4	9/40.6	9/37.4	8/31.6	6/35.6	8/51.9	8/61.8	10/77.3	12/78.7	13/82.1	14/73.7	14/62.1

(*) - 1981 – 1999 mean monthly number of days / amount of precipitation
(**) - daily amount from 1.0 mm

Sea water level

Station	Observation period	Highest (cm)	Date	Lowest (cm)	Date
Sõrve	1950-1993, 2005-2011	146	09.01.2005	-96	10.12.1959
Vilsandi	1884-1886, 1888-1913, 1924-1944,1948-1980	206	18.10.1967	-85	26.02.1954
Sõru	1947-1964	87	22.01.1956	-97	09.12.1959
Ristna	1950-2011	209	09.01.2005	-79	28.03.1980
Põõsaspea, Dirhami	1954-2011	148	18.10.1967	-95	09.12.1959

Information on mean winter ice cover on Estonian territorial waters 1971 – 2011

Area	Ice formation date			Ice clearing date			Ice days		Ice thickness (cm)	
	mean	earlier	later	mean	earlier	later	mean	min/max	mean	min/max
Kura kurk (5)*	27. Jan	16. Dec	28. Feb	25. Mar	06. Mar	17. Apr	35	0/100	12 – 21	0/40
Läänemeri (13)*	09. Feb	03. Jan	10. Mar	09. Mar	09. Feb	28. Mar	13	0/80	3 – 7	0/20
Tagalaht (6)*	31. Jan	24. Dec	02. Mar	17. Mar	12. Feb	11. Apr	36	0/102	6 – 13	0/30
Küdema laht (6)*	31. Jan	24. Dec	02. Mar	17. Mar	12. Feb	11. Apr	36	0/102	6 – 13	0/30
Soela väin (1)*	26. Dec	24. Nov	06. Feb	01. Apr	02. Feb	20. Apr	88	0/138	15 – 25	0/40
Tareste laht (1)*	05. Jan	29. Nov	28. Feb	15. Mar	16. Jan	13. Apr	57	0/128	10 – 20	0/40

(...)* - icefree number of years in observation period

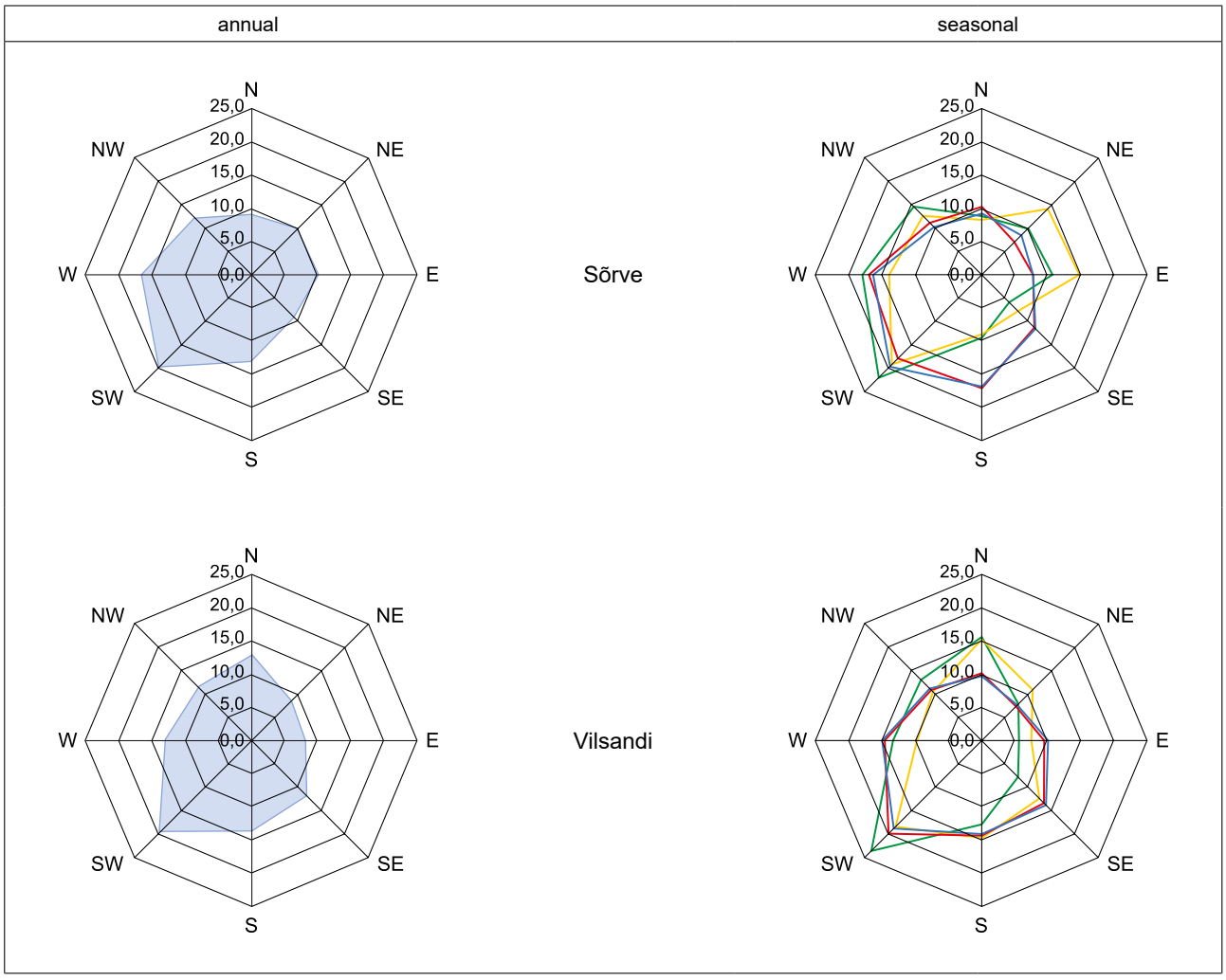
Winds

Mean wind direction (%) in relation to wind speed through years 1981 – 2010

SÕRVE	N	NE	E	SE	S	SW	W	NW	total
calm									**0.3**
1 – 5 m/s	7.0	5.8	5.0	3.9	5.3	5.7	5.9	6.8	**45.5**
6 – 10 m/s	2.0	3.4	4.4	4.3	6.5	10.1	7.7	4.7	**43.2**
11 – 15 m/s	0.1	0.5	0.8	0.8	1.2	3.5	2.5	0.5	**9.9**
over 15 m/s	0	0	0.1	0	0.1	0.5	0.3	0.1	**1.1**
total	**9.1**	**9.9**	**10.2**	**9.1**	**13.1**	**19.7**	**16.5**	**12.1**	**100**

VILSANDI	N	NE	E	SE	S	SW	W	NW	total
calm									**0.4**
1 – 5 m/s	5.3	5.1	6.8	7.6	5.1	7.1	6.1	4.9	**48.1**
6 – 10 m/s	5.5	3.0	1.3	3.9	6.8	9.4	5.9	5.0	**40.8**
11 – 15 m/s	1.6	0.4	0	0.3	1.9	3.1	1.0	1.2	**9.5**
over 15 m/s	0.2	0	0	0	0.2	0.4	0.1	0.2	**1.1**
total	**12.7**	**8.5**	**8.1**	**11.9**	**13.9**	**20.1**	**13.1**	**11.4**	**100.0**

Wind frequency



Regions

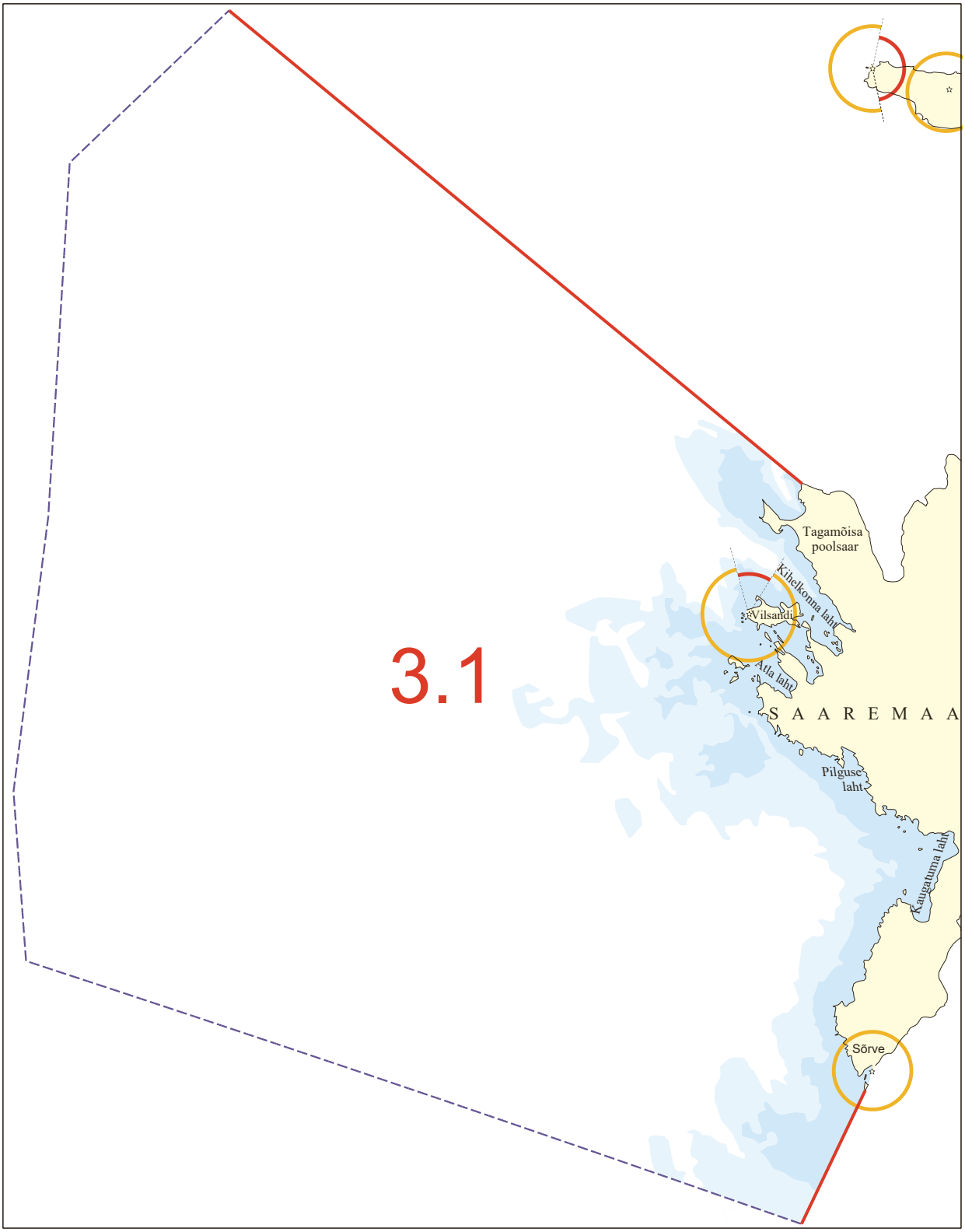
3.1 Sõrve poolsaar to Undva nina

Kaunispe sadam	p 20
Kardoni-Lindmetsa boat harbour	p 22
Rahuste sadam	p 23
Lõmala sadam	p 23
Roopa sadam	p 26
Atla sadam	p 27
Vikati sadam	p 30
Lautri-Vilsandi boat quay	p 32
Lautri-Vilsandi boat quay	p 32
Jaagarahu harbour	p 32
Abaja sadam	p 33
Papissaare sadam	p 34
Kiirassaare boat harbour	p 36

3.2 Undva nina to Kõpu poolsaar

3.3 Kõpu poolsaar to Põõsaspea neem

3.1 SCHEME OF THE MARITIME AREA



3.1 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
306		250 000
519	1272	100 000
515	1270	100 000
635		50 000
630		50 000
624		50 000

Atlas
Charts of Estonia, Vol 3

retailers of the Estonian Transport Administration navigational charts:
https://transpordiamet.ee/en/mobility-and-transportation/navigational-information/navigational-charts

New editions of charts
: with the new editions old charts are not in use anymore and no corrections will be issued to them

Cables and pipelines
: anchoring, trawling and any other activity which may damage them is prohibited in tha cable area, on the cable or pipeline track and 0.5 M on either side of these

3.1 Sõrve poolsaar to Undva nina

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Sääre laht	57°54.58'N 22°02.68'E	shallow, local knowledge is required	Sääre MR (1)
Türju lõpp	57°59.08'N 22°00.67'E	depth at the entrance less than 5 m	
Kaugatuma laht	58°07.11'N 22°09.31'E	lots of shoals appear near the mouth of the bay; depths in the middle part less than 8.6 m; sandy offshore banks, rocks occur near the coast	Rahuste MR (2)
Lõu laht	Kaugatuma laht S part	depth at the entrance less than 5 m, sand	
Ariste laht	Kaugatuma laht NE part	depth less than 8.4 m, sand	
Möldri lõpp	58°10.08'N 22°08.46'E	depth at the entrance less than 3.7 m, rocky	
Lõmala lõpp	58°10.32'N 22°07.52'E	depth at the entrance less than 2.8 m	
Lahetaguse laht	58°10.77'N 22°05.30'E	shallow, local knowledge is required	
Pilguse laht	58°14.24'N 22°00.42'E	shallow, rocky; local knowledge is required	
Roopalaht	58°15.80'N 21°52.29'E	low bay approach, local knowledge is required; in the middle part depth less than 3 m, sand	
Pirsu lõugas	58°16.68'N 21°50.62'E	depth at the entrance less than 3 m	
Köövelõugas	58°17.53'N 21°50.12'E	depth at the entrance less than 3 m	
Atla laht	58°19.21'N 21°51.98'E	depth at the entrance less than 6 m, in the middle part less than 4.5 m; bottom predominantly pebble and mud topped with sandy cover	
Kuusnõmme laht	58°20.20'N 21°55.47'E	depth predominantly less than 2 m	
Kiirassaare laht	58°21.36'N 21°58.44'E	depth at the entrance less than 4.5 m, in the middle part less than 2.5 m; plenty of underwater rocks	
Kihelkonna laht	58°23.17'N 21°57.83'E	depth at the entrance less than 12 m, in the middle part less than 7 m; rocky offshore bank; bottom silt and clay, in shallower places sand and silt	
Abaja laht	Kihelkonna laht SE part	shallow, plenty of underwater rocks	
Haagi lõugas	58°27.82'N 21°53.51'E	depth at the entrance less than 10 m, in the middle part less than 6 m; sand	
Uudepanga laht	58°29.75'N 21°53.45'E	depth at the entrance over 20 m, in the middle part between 10–20 m; rocky offshore bank, sand	

(1) - from 15.02 - 15.07 human presence within the limits of the Vesitükimaa conservation zone is prohibited

(2) - operating an engine powered watercraft is prohibited

Hazards

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	Berezini madal	4.5	57°47.87'	21°45.29'			
	wreck	above sea level	57°50.34'	21°54.27'			
Türju lõpp	unnamed	1.2	57°59.10'	22°00.36'			
	unnamed (rock)	unknown	58°02.72'	22°02.68'			Kaunispe harbour approach
	obstruction	0.2	58°02.59'	22°03.53'			in Kaunispe harbour
	unnamed	1.5	58°05.07'	22°04.84'			
Kaugatuma laht	unnamed	unknown	58°06.48'	22°07.54'			rocks awash
Kaugatuma laht - entrance	wreck „Volare“	above sea level	58°07.42'	22°07.86'			
Kaugatuma laht	wreck	unknown	58°08.01'	22°08.69'			
Kaugatuma laht	Kaljarahu	unknown	58°08.95'	22°09.38'			rocks awash
	wreck, floating crane	above sea level	58°09.43'	22°08.76'			
	unnamed	2.2	58°08.48'	22°04.57'			
	unnamed	0.4	58°12.79'	22°00.47'			
	Laimadal	2.3	58°13.96'	21°44.39'			
	Valgemätas	0.3	58°14.47'	21°47.29'			
Roopalaht	wreck	unknown	58°15.72'	21°52.30'			
Köövelõuka-mouth	unnamed	unknown	58°17.60'	21°49.67'			rocky
	unnamed	unknown	58°18.60'	21°46.08'			
	Uuskuiv	4.9	58°18.40'	21°32.53'	W buoy	929	
	wreck	unknown	58°20.01'	21°29.82'			
	wreck	unknown	58°19.49'	21°39.05'			
	unnamed	1.1	58°20.91'	21°45.73'			
Atla laht-mouth	unnamed	unknown	58°21.42'	21°48.65'			
Atla laht	unnamed	0.6	58°18.37'	21°53.38'			
	Suurkuiv	unknown	58°22.87'	21°39.63'			
	unnamed	5.6	58°25.35'	21°38.77'			
	unnamed	1.2	58°24.50'	21°48.79'			
	Soolakuiv	3.4	58°25.91'	21°46.36'			
	Võrkrahu	unknown	58°26.49'	21°54.03'			rocks above sea level
	unnamed	0.8	58°24.28'	21°53.42'			rocky
	wreck „Oskar“	unknown	58°23.35'	21°58.14'			
Abaja laht-mouth	unnamed	1.0	58°22.41'	21°58.98'			
	Laevarahu	unknown	58°29.48'	21°48.34'			Vilsandi MR ([3])
	wreck	unknown	58°29.44'	21°48.81'			
	Tinarahu	unknown	58°30.79'	21°48.53'			rocky
([3]) - human presence is prohibited							

Historical wrecks

diving without a permit issued by the Estonian Heritage Board, trawling, anchoring, dredging and dumping of a solid materials is prohibited on an underwater heritage site and closer than 300 m to it

Islands, inlets

Bay	Island, inlet	Position N/E		Description	Notes
	Vesitükk	57°53.60'	22°02.70'	elongated, 2 capes in NE, sandy	Vesitükimaa grey seal MR ([4])
Sääre laht S approach	Lombimaa	57°54.17'	22°02.50'	low, rubble	Vesitükimaa grey seal MR ([4])
Sääre laht W limit	Suurrahu	57°54.46'	22°01.86'	low, sand	
Kaugatuma laht	Ooslamaa	58°05.67'	22°07.11'	low, rocky, grass	Rahuste MR ([5])
Kaugatuma laht	Kriimilaid	58°08.38'	22°08.93'	rocky, sand, grass	Rahuste MR ([3])
Lahetaguse laht – entrance	Separahu	58°10.48'	22°05.51'	rocky, gravel	
Pilguse laht – entrance	Mõndalaid	58°13.80'	21°59.67'	low, rocky, scrub	
	Naistekivimaa	58°14.43'	21°54.89'	rubble piles, rocks, grassland, scrub	Vilsandi MR ([6])
	Innarahu	58°16.91'	21°48.84'	low, rubble, sand, scrub	Vilsandi MR ([3])
	Salavamaa	58°18.98'	21°47.06'	less than 5 m in height, coastal dunes on W beach; grass, scrub	Vilsandi MR ([6])
	Nootamaa	58°19.39'	21°45.95'	sand, rubble, gravel; bushes, solitary trees	Vilsandi MR ([3])
	Loonalaid	58°20.04'	21°47.30'	less than 5 m in height, rubble piles; sand, rocks, grass, scrub	
Atla laht	Urverahu	58°18.59'	21°54.17'	sand, grass	
	Laasirahu	58°21.74'	21°50.80'	grass, patches of bushes	Vilsandi MR ([6])
	Vilsandi saar	58°22.91'	21°51.75'	less than 5.4 m in height; grass, scrub, forest; abundant offshore reefs	
	Ülemine Vaigas	58°22.50'	21°48.02'	scrub	Vilsandi MR ([3])
	Alumine Vaigas	58°22.90'	21°48.22'	grass, scrub	Vilsandi MR ([6])
	Tarjamaa	58°26.69'	21°54.61'	rocky, bushes	
	Noogimaa	58°22.41'	21°54.17'	gravel, clay, scrub	
Kiirassaare laht	Telvemaa	58°21.70'	21°57.83'	sand, rubble, rocks; scrub, solitary trees	Vilsandi MR ([6])
Kiirassaare laht	Suur-Sitik	58°21.15'	21°59.11'	sand, grass, trees	Vilsandi MR ([6])
	Pihlalaid	58°22.25'	21°59.31'	grass, rocks, reeds, junipers	Vilsandi MR ([6])
Abaja laht – entrance	Vassiklaid	58°22.32'	21°59.61'	sand, rocks, grass, trees	

([3]) - human presence is prohibited

([4]) - from 15.01 - 15.04 human presence within the limits of the special management zone is prohibited

([5]) - from 01.04 - 01.07 human presence within the limits of the special management zone is prohibited

([6]) - from 15.04 - 31.07 human presence within the limits of the special management zone is prohibited

Navigational aids

database of Estonian aids to navigation - https://nma.vta.ee/			
Island, inlet	**Navigational aid**	**Nav. aid No**	**Notes**
	Sõrve lighthouse	935/3704	
	Loode lighthouse	934/3704·2	
	Anseküla lighthouse	932/3710·1	
	Lõu lighthouse	931/3710	
	Karala light beacon	930/3712	
Vilsandi saar	Vilsandi lighthouse	925/3714	
	Kõpu lighthouse	668/3746	

Other marks

Island, inlet	**Mark**	**Position N/E**		**Notes**
	Sõrve observation tower	57°55.06'	22°03.49'	
	Sääre wind turbine	57°55.98'	22°05.02'	aviation obstruction lights
	Türju observation tower	57°58.28'	21°59.01'	
	Iide communication mast	57°58.68'	22°04.79'	
	Türju wind turbines (3 pcs)	57°59.21'	22°01.45'	aviation obstruction lights
	Kubja-Ohessaare windmill	57°59.72'	22°01.13'	
	Kalmuste-Ohessaare windmill	58°00.07'	22°01.47'	
	Eite-Ohessaare windmill	58°00.10'	22°01.77'	
	Jämaja windmill	58°00.54'	22°02.92'	
	Jämaja church	58°00.77'	22°03.16'	
	Kaunispe observation tower	58°02.37'	22°03.59'	
	Lõupõllu television mast	58°02.98'	22°07.74'	
	Rahuste observation tower	58°04.81'	22°05.72'	
	Salme communication mast	58°09.64'	22°14.42'	aviation obstruction lights
	Üüdibe wind turbines (7 pcs)	58°09.91'	22°13.30'	aviation obstruction lights
	Lõmala observation tower	58°10.30'	22°07.01'	
	Varpe communication mast	58°16.07'	22°01.62'	aviation obstruction lights
	Austla radar tower	58°16.22'	21°51.53'	aviation obstruction lights
	Karala communication mast	58°16.54'	21°54.69'	aviation obstruction lights
	Atla observation tower	58°18.31'	21°49.75'	
	Põllu windmill	58°22.57'	21°51.76'	
Vilsandi saar	Vilsandi observation tower	58°22.96'	21°48.72'	at the lighthouse
	Kuusnõmme observation tower	58°21.14'	21°56.19'	
	Viki television mast	58°21.43'	22°03.70'	aviation obstruction lights
	Kihelkonna church	58°21.62'	22°02.12'	
	Kihelkonna ldg.l. lighthouse	58°22.54'	21°59.94'	former lighthouse
	Kiipsaare beacon	58°29.75'	21°50.46'	former beacon
	Undva communication mast, radar tower	58°30.88'	21°55.29'	aviation obstruction lights

Topography

Coast

in the vicinity of Sõrve säär the surface current may reach 1.5 knots

the coast of Sõrve poolsaar is wooded, the shoreline is slightly indented, the bottom varies in topographic relief; rocky offshore bank is 1.5-2.5 M wide

Sõrve poolsaar to Meelaku nukk the coast is wooded and indented, the shore is low, gravel; rocky offshore bank is 1.5-2 M wide

Meelaku nukk to Undva nina the bottom varies in topographic relief, dangerous shoals in abundance

Navigation restrictions

Prohibitions

anchoring, trawling and any other activity which may damage cables or pipelines is prohibited in the cable area, on the cable or pipeline track and 0.5 NM on either side of these

diving without a permit issued by the Estonian National Heritage Board, trawling, anchoring, dredging and dumping of solid materials is prohibited on an underwater heritage site and closer than 300 m to it

Fishing

fishing nets (unmarked) occur close to nearshore shoals

Anchorages

Anchorage area	Bottom topography	Notes
1.2 M NE from Loodenina	sand	
NW of Kaunispe harbour, depths 4–6 m	sand	small craft
Kaugatuma laht	sand	
9 cables SE from Salavamaa, depths 4–7 m	sand, pebbles	small craft
entrance to Atla laht, W of Loonalaid, depths 4–6 m	sand, clay	small craft
2 M SSE of Harilaiu poolsaar, depths 20–25 m	sand, silt	
Haagilõugas, depths 5–7 m	sand	small craft

Harbours

harbours are responsible for the accuracy of the provided information

schemes are not for purposes of navigation

port information is broadcasted from June 1 to September 30 at Tallinn Radio VHF 1, 3, 5, 7, 20, 62, 64, 66

State Port Register - www.sadamaregister.ee/?language=en

(PR) - harbour in Port Register

Kaunispe sadam approach

Navigational aids

Kaunispe harbour safe water spar buoy (3300)
Kaunispe harbour safe water spar buoy (3301)

(PR) Kaunispe sadam 58°02.60'N 22°03.60'E

Restrictions

daytime navigation

Mooring (depths BSCD2000[EH2000])

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			20.0	6.0	1.6	local harbour	01.05 - 01.12
1	18.0	1.5				temporary stay	
2	52.0	1.2				fishing	

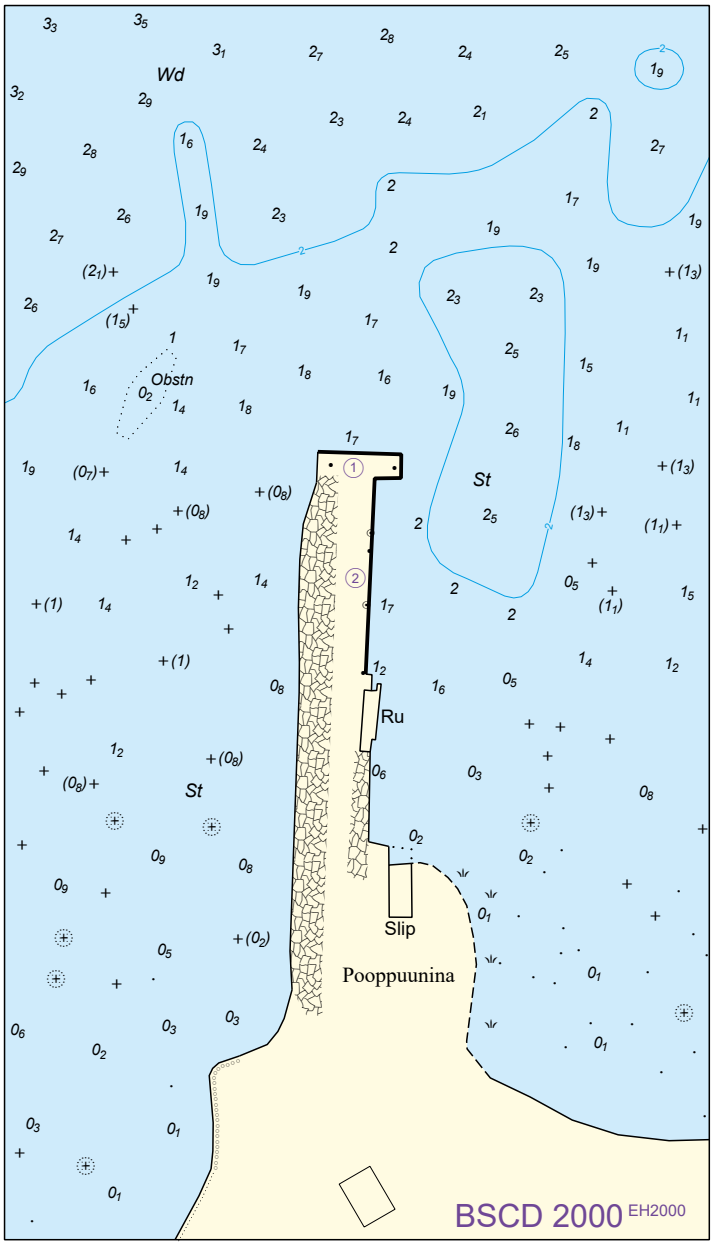
Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1						*	
2						*	

General

shower, toilet

Kaunispe sadam (2021)



Kaunispe sadam (2021)



Kardoni-Lindmetsa boat harbour 58°03.66'N 22°04.31'E (private)

Approach
- Restrictions
  - local knowledge required
- Prohibitions
  - entrance on the permission of the harbour owner

(PR) **Rahuste sadam** 58°04.27'N 22°08.03'E (under construction)

Lõmala sadam approach (depths BSCD2000^{EH2000})

Navigational aids
Lõmala harbour mole daymark (936/-)

Channel 330° (150°)
length 385.0 m
width 10.0 m
depth 2.0 m
lateral marks
Natural conditions
filling with sediment

(PR) **Lõmala sadam** 58°10.38'N 22°07.13'E (www.lomalasadam.ee/?mcm_lang=en)

Restrictions
upon simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions

speed limit 3 knots
Entering and leaving prohibitions
wind speed over 12 m/s
wave height over 1 m
Maneuver
remooring is allowed only with the permission of the harbour master's office

Mooring (depths BSCD2000^{EH2000})

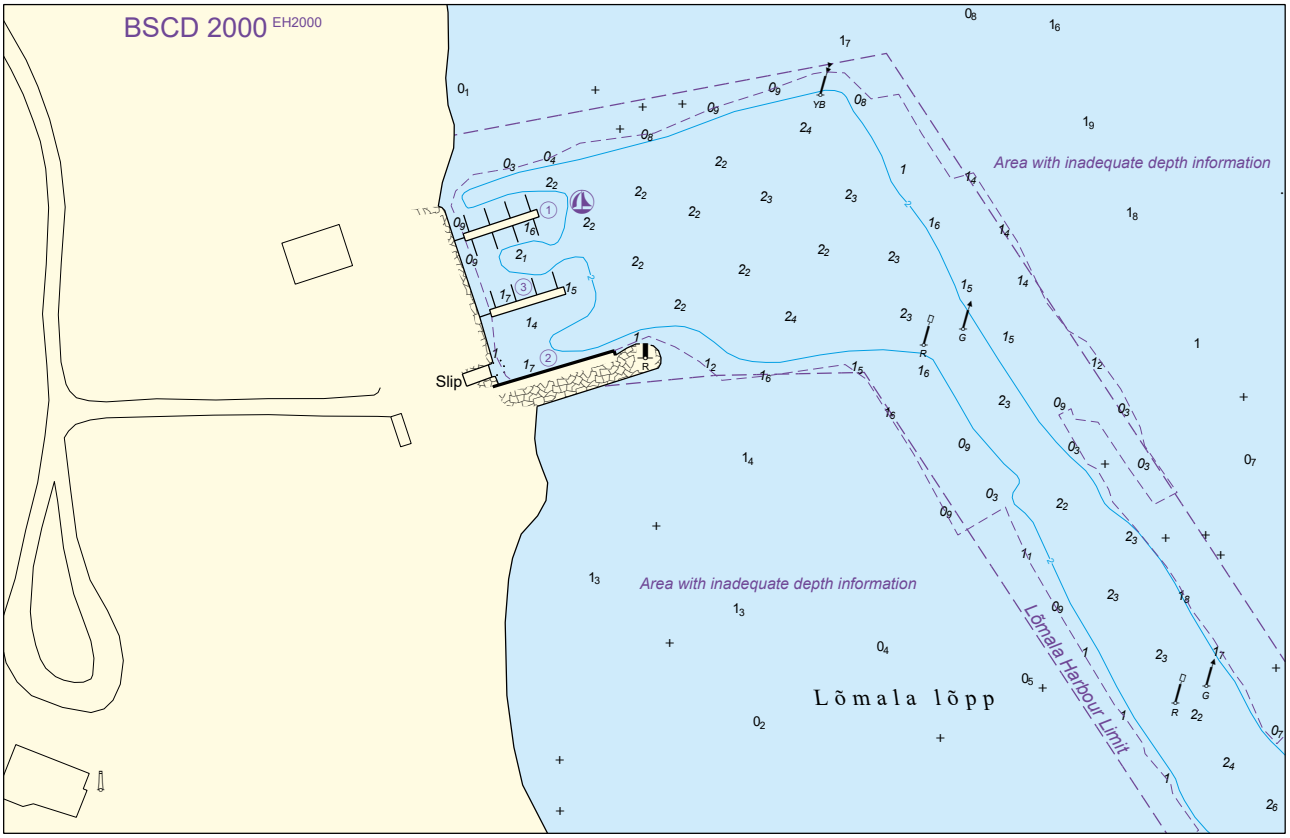
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			15.0	3.5	1.7	small craft facilities	15.05 - 15.09
1	24.0	1.6				floating	
2	39.0	1.6				general	
slip							
3	24.0	1.5				floating	

Facilities

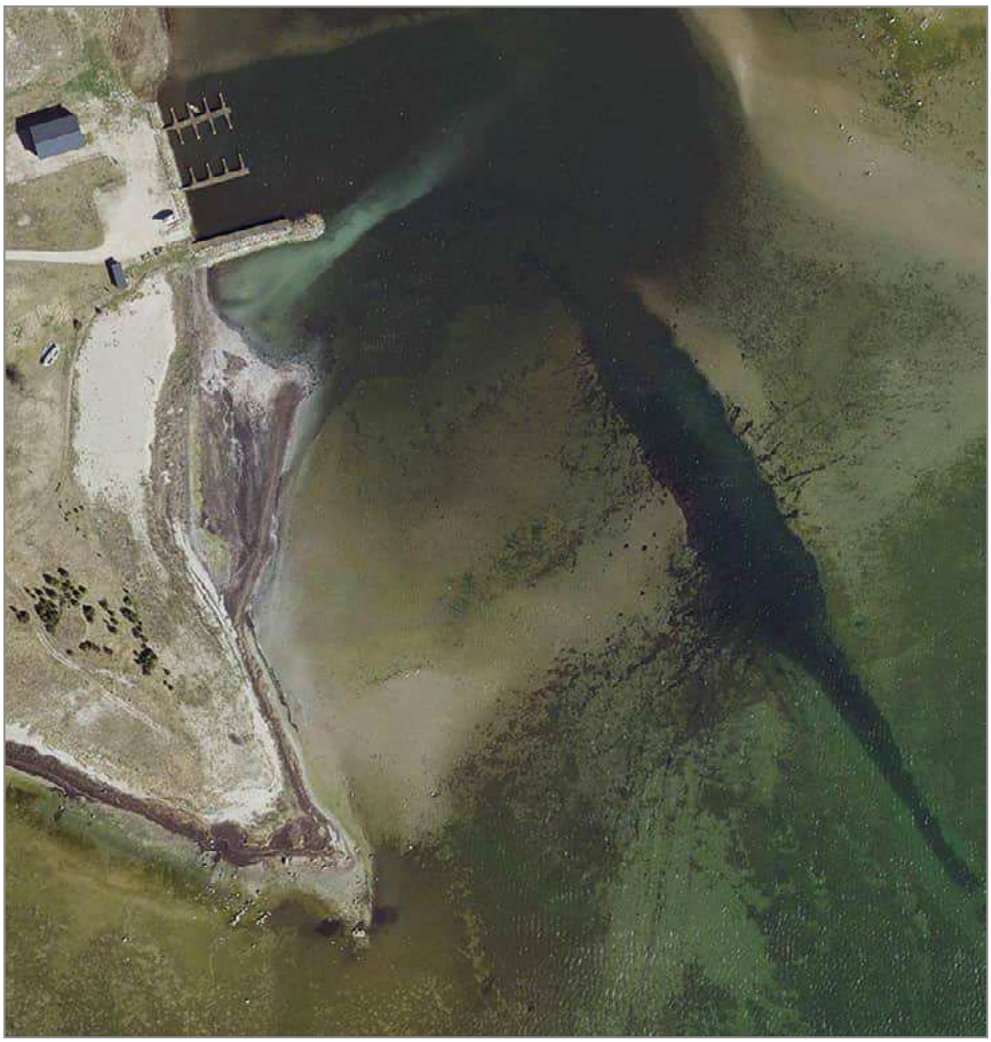
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*	*	*		*	Wi-Fi
2			*	*		*	Wi-Fi
3		*	*	*		*	Wi-Fi

General
garbage reception
sauna, toilet
washing machine

Lõmala sadam (2021)



Lõmala sadam (2017)



Roopa sadam approach (depths BSCD2000[EH2000])

Channel
length 750.0 m
width 40.0 m
depth 0.6 m

(PR) **Roopa sadam** 58°15.78'N 21°52.43'E

Mooring (depths BSCD2000[EH2000])

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	3.6	0.8	small craft facilities	15.05 - 01.10
1	15.0	1.3				general	
slip							

Facilities
General
toilet

Roopa sadam (2012)



Atla sadam approach

Navigational aids

Atla harbour S mole light beacon (926·1)
Atla harbour N mole light beacon (926·2)

(PR) **Atla sadam** 58°18.11'N 21°53.62'E (https://atlasadam.ee) *(in Estonian only)*

Mooring (depths BSCD2000^{EH2000})

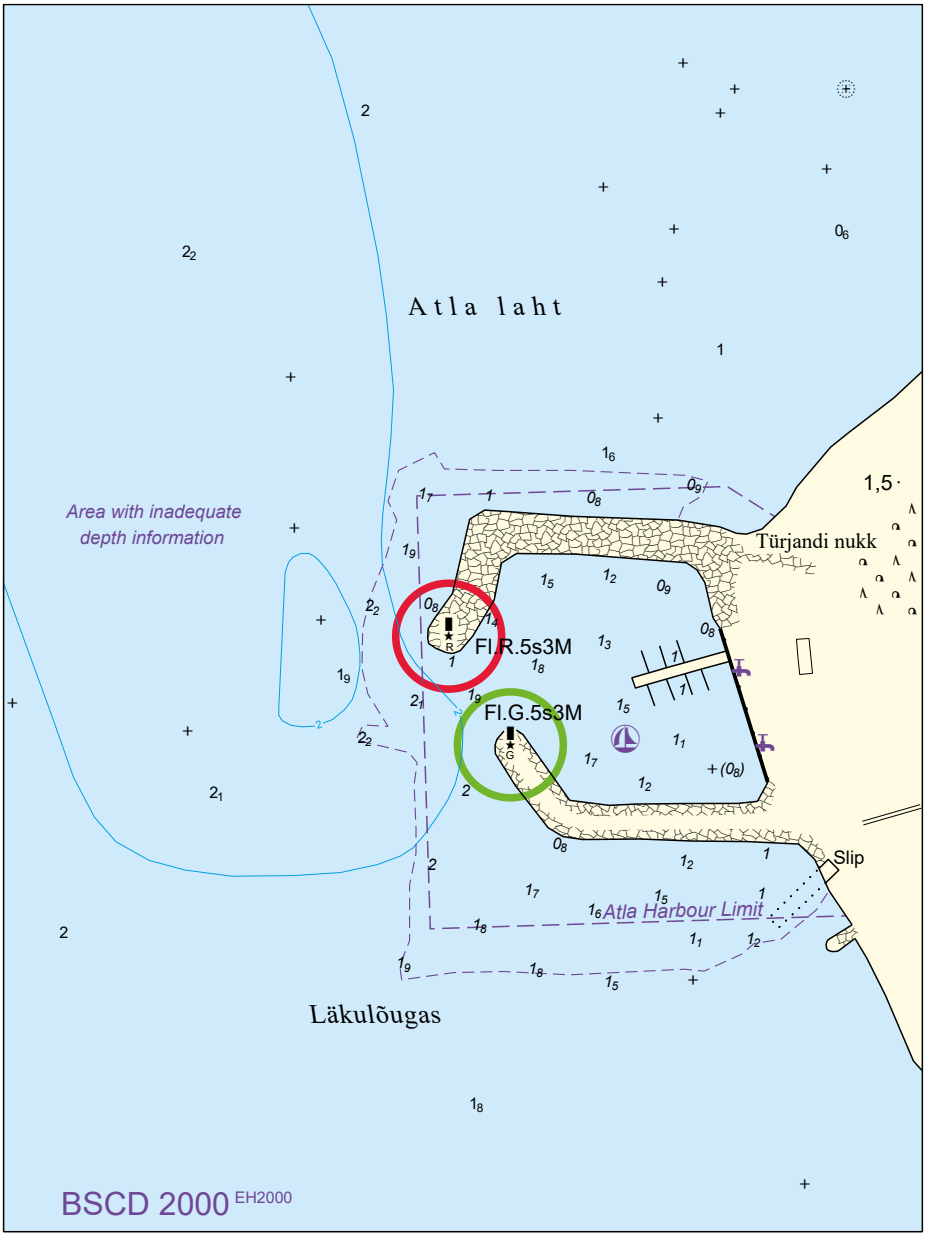
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	1.2	local harbour	15.04 - 01.10
B	21.0	1.0 - 1.4				small craft	
C	26.0	1.0 - 1.4				floating	
slip	30.0						

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
B		*					
C		*					

General
garbage reception
toilet

Atla sadam (2021)



Atla sadam (2025)



Vikati sadam approach (depths BSCD2000[EH2000])

Channel

width 10.0 m
depth 1.1 m

(PR) **Vikati sadam** 58°22.31'N 21°51.72'E (https://saarteliinid.ee/en/vikati/)

Restrictions

the ferry following the scheduled timeline always has the priority when entering or leaving the harbour

upon other ships simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions

minimal speed, at which the ship maintains maneuverability, is implemented; stern wave shall not occur

Mooring (depths BSCD2000[EH2000])

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	1.2	small craft facilities	01.05 - 01.10
1	43.2	1.0 - 1.3				ferry	
2	40.0	0.9 - 1.3				small craft	
slip							
3	40.0	1.1 - 1.2				small craft	
4	33.8	1.0 - 1.2				ferry	
A	12.0	0.8 - 1.2				floating	
B	12.0	0.9 - 1.2				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1						*	
2						*	
3						*	
4						*	
A						*	
B						*	

General

the amount of garbage to be delivered must be minimal (location in the MR area)
toilet

Vikati sadam (2025)



Lautri-Vilsandi boat quay 58°23.52'N 21°50.95'E (private)

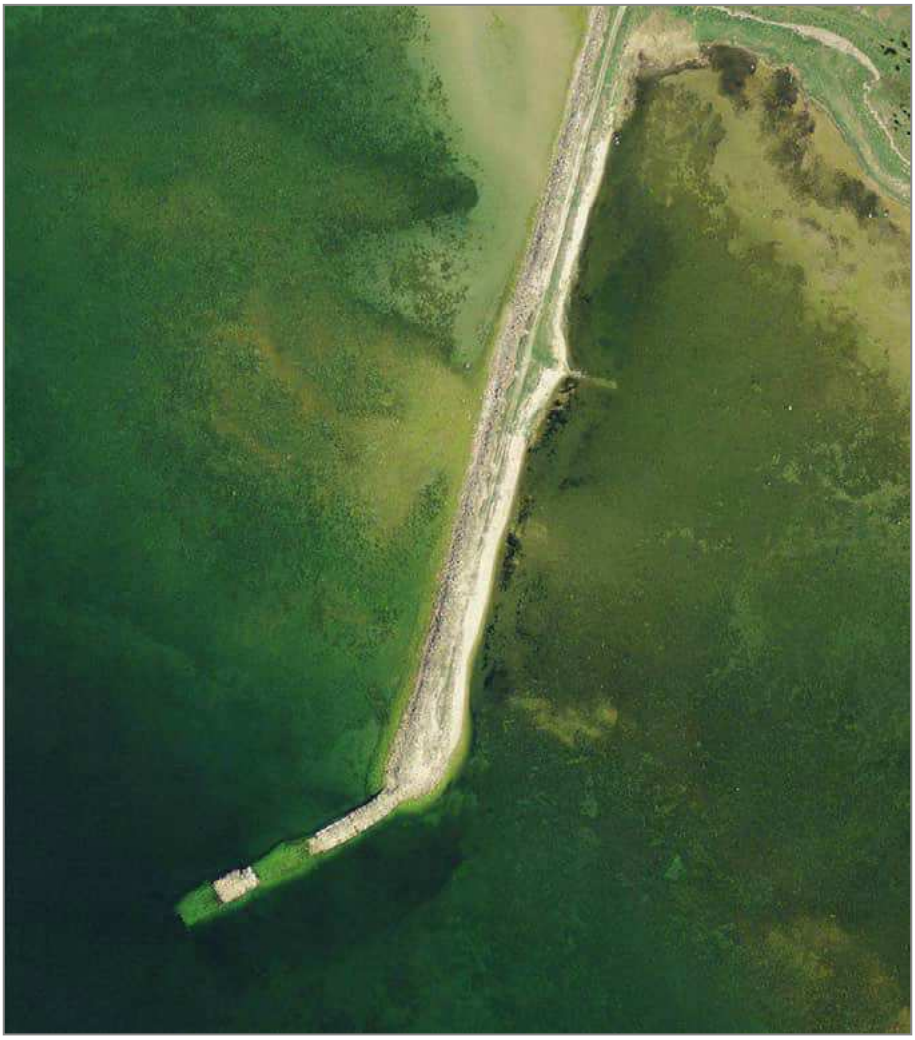
Approach
Restrictions
local knowledge required
Prohibitions
entrance on the permission of the harbour owner

Laulu-Vilsandi boat quay 58°23.47'N 21°51.20'E (private)

Approach
Restrictions
local knowledge required
Prohibitions
entrance on the permission of the harbour owner

Jaagarahu harbour 58°23.75'N 21°58.28'E (abandoned)

Jaagarahu harbour (2012)



(PR) **Abaja sadam** 58°22.17'N 22°01.00'E (https://abaja.ee/en/abaja-harbour/)

Mooring (depths BSCD2000EH2000)

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			6.0	2.0	0.3	local harbour	01.05 - 01.10
1	20.1	1.1				small craft	
2	30.0	1.1				floating	
slip							

Facilities

General

toilet

Abaja sadam (2023)



(PR) **Papissaare sadam** 58°21.58'N 21°59.15'E (https://saarteliinid.ee/en/papissaare/)

Restrictions

the ferry following the scheduled timeline always has the priority when entering or leaving the harbour

upon other ships simultaneous entering and leaving the harbour the departing vessel has the priority except when requested otherwise under emergency conditions

minimal speed, at which the ship maintains maneuverability, is implemented; stern wave shall not occur

Real time weather

http://on-line.msi.ttu.ee/papissaare/?eng

Mooring (depths BSCD2000EH2000)

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			12.0	4.0	1.2	small craft facilities	01.05 - 01.10
1	15.0	0.9 - 1.2				ferry	
2	24.0	0.9 - 1.2				floating	
3	30.0	1.0 - 1.3				small craft	
4	30.0	1.0 - 1.3				small craft	
5	25.0	1.2 - 1.5				floating	
6	36.0	1.2 - 1.4				small craft	
A	6.0	1.0 - 1.2				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	
2		*				*	
3		*				*	
4		*				*	
5		*				*	
6		*				*	
A		*				*	

General

the amount of garbage to be delivered must be minimal (location in the MR area)

Papissaare sadam (2021)



aerial panorama - www.estonia360.ee/papissaare_vilsandi/ (2012)

Kiirassaare boat harbour approach

Channel
length 130.0 m
width 10.0 m

Kiirassaare boat harbour 58°20.92'N 21°59.77'E

Mooring

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
						local harbour	
1	27.0	1.2				small craft	
2	15.0	1.2				small craft	
3	14.0	1.2				small craft	
4	25.0	1.2				small craft	
slip (*)							
(*) - under construction							

Kiirassaare boat harbour (2012)

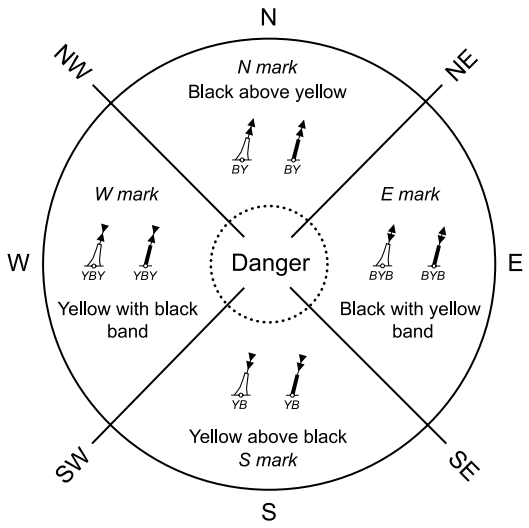


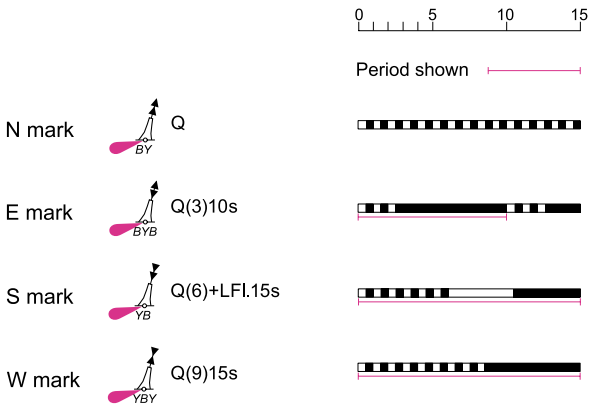
FLOATING AIDS

SYMBOLS

Cardinal marks

UNLIT MARKS	LIGHTED MARKS
Topmark (if any): 2 black cones	White light Time (seconds)





The periods 5s, 10s and 15s, may not always be charted

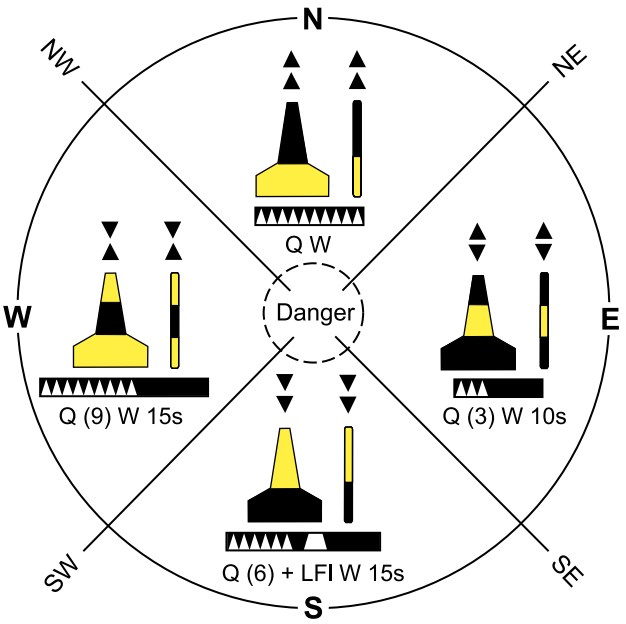
Isolated danger marks stationed over dangers with navigable water around them			
Body: black with red horizontal band Topmark (if any): 2 black spheres		Fl(2)	white light

Safe water marks such as mid-channel and landfall marks			
Body: red and white vertical stripes Topmark (if any): red sphere		LFl.10s *or* *Mo(A)*	white light

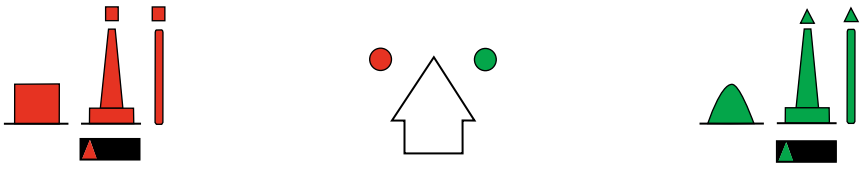
Special marks not primarily to assist navigation but to indicate special features			
Body: yellow Topmark (if any): yellow x		Fl.Y	yellow light

COLOUR SCHEME

CARDINAL MARKS

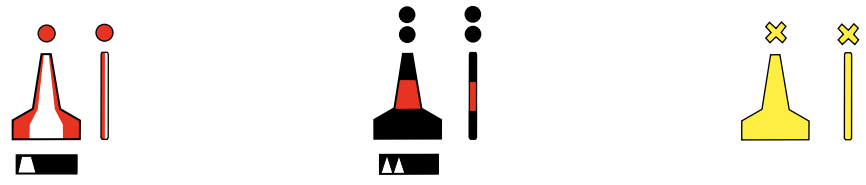


LATERAL MARKS



Port-hand marks | Starboard-hand marks

SAFE WATER MARKS | ISOLATED DANGER MARKS | SPECIAL PURPOSE MARKS



Note: retro-reflecting material is mostly fitted to unlit marks, charts do not usually show it

ESTONIAN MARITIME COMMUNICATION

Tallinn Radio

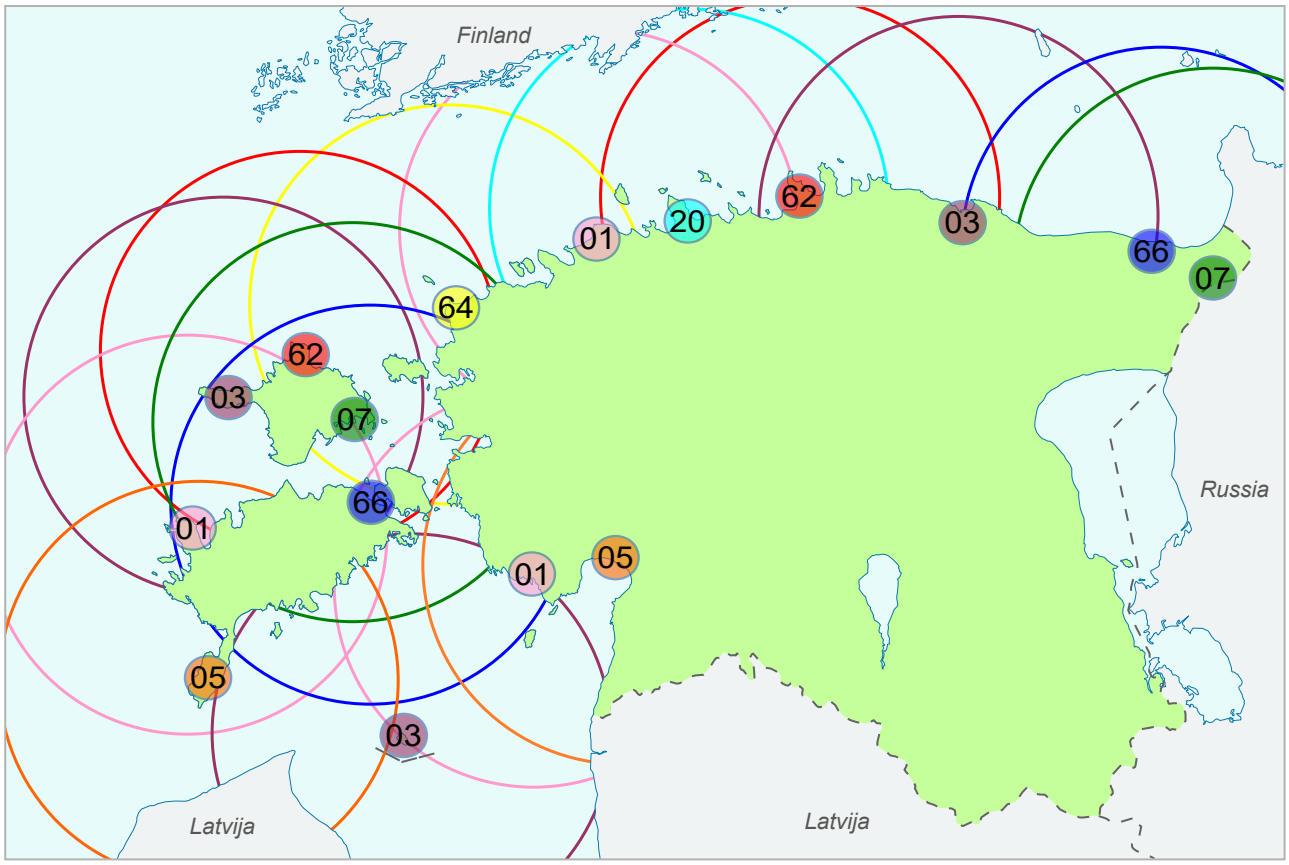
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scheme of the base stations



- Tallinn Radio base stations and VHF duplex working channels