REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 1

Gulf of Riga

1.3 Väinameri S pilot boarding place to Sorgu S buoy

Updated 01.09.2026

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Cartography Department

Tenth release January 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 www.transpordiamet.ee/en/height-system-eh2000

NAVIGATIONAL INFORMATION

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

Fairway route points:
https://transpordiamet.ee/en/sailing-directions

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

Winter navigation:
https://transpordiamet.ee/en/winter-navigation
phone +3725243842
e-mail winternavigation@transpordiamet.ee
due to the use of official ice bridge (road) the vessel traffic in the vicinity of Munalaid-Kihnu fairway could be temporarily stopped

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 2024, changed pages: 3, 6, 10, 19, 21, 23, 24, 37, 38, 39, 43, 49 — 10th release

2026

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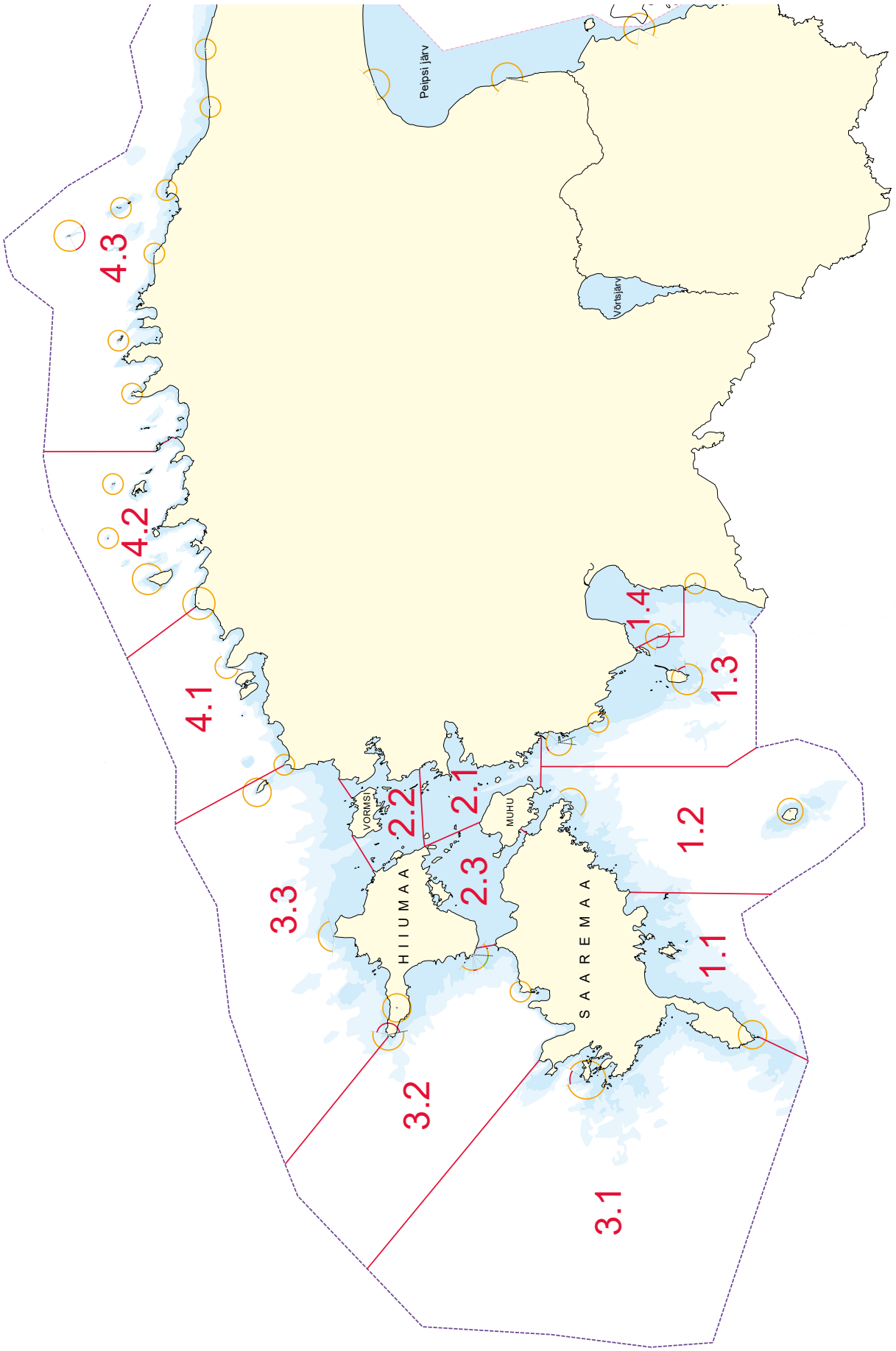
Please inform of any changes currently in use at navinfo@transpordiamet.ee

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

Estonian Maritime Rescue Organization
https://sar.ee *(in Estonian only)*

Gulf of Riga

area describing information in part 1.1

Climate and weather

area describing information in part 1.1

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
KAUR www.ilm.ee/kola/grib-test/javascriptiga/ *(in Estonian only, requires Java)*

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

Regions

1.1 Sõrve poolsaar to Sääretüki lighthouse

1.2 Sääretüki lighthouse to Väinameri S pilot boarding place

1.3 Väinameri S pilot boarding place to Sorgu S buoy

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Merelahe boat harbour p 17
Hõbesalu boat harbour p 17
Lääne sadam p 18
Sadama boat harbour p 18
Paatsalu sadam p 19
Nurga harbour p 20
Kütioja sadam p 20
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Parika boat harbour p 20
Kadariku sadam p 21
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Võidu sadam p 34
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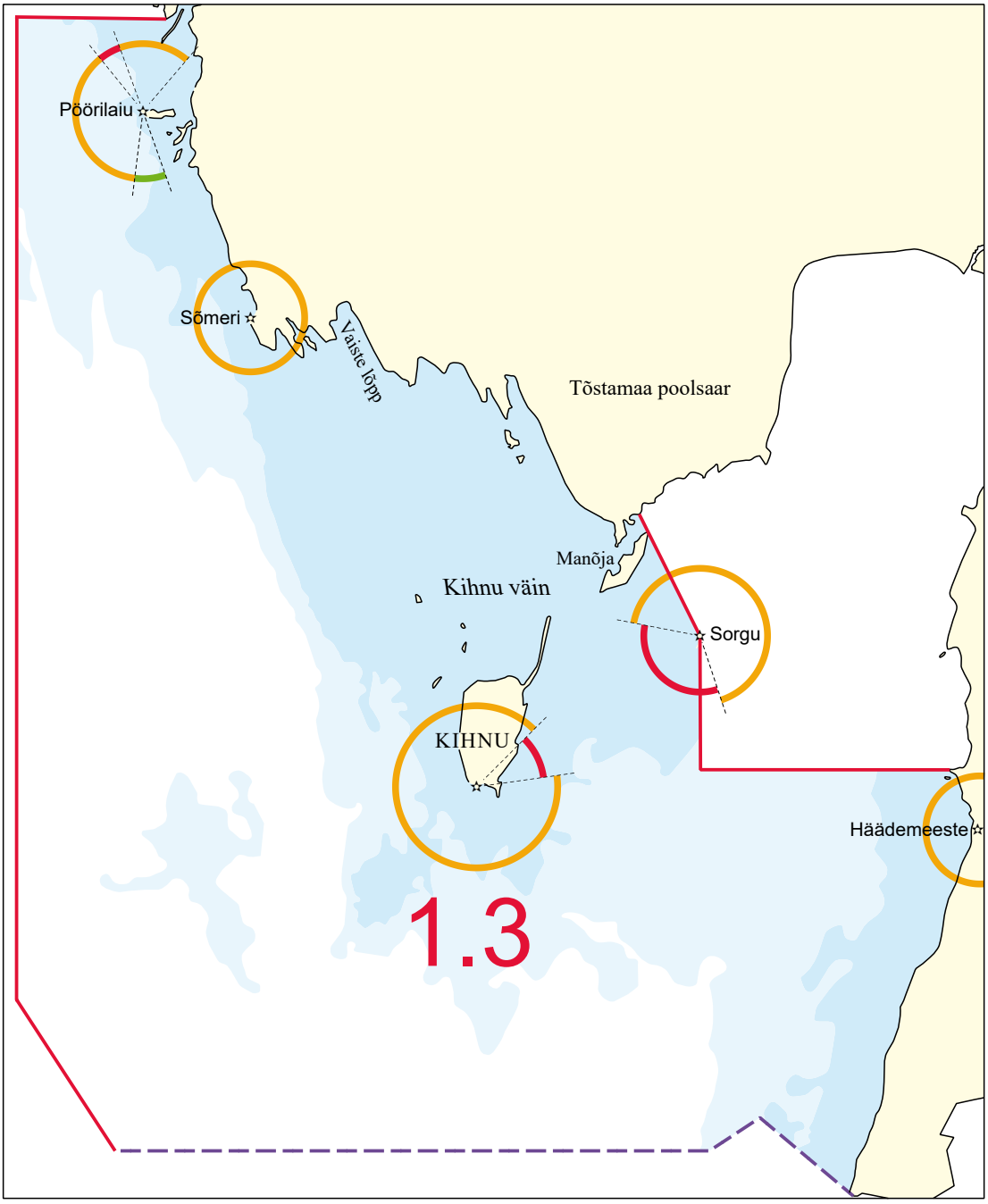
Treimani sadam p 51
Jaagupi sadam p 53
Kikka-Jaagupi boat harbour p 54

1.4 Sorgu S buoy to Pärnu laht

1.3 SCHEME OF THE MARITIME AREA



1.3 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
513		100 000
516	1271	100 000
621		50 000
626		50 000
632	1127	50 000
634		50 000
638		50 000
781		25 000

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 and atlases
: with the new editions old charts nor atlases 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

1.3 Väinameri S pilot boarding place to Sorgu S buoy

Vicinity

Bays

Bay	Position, area limits	Description	Restrictions
Paatsalu laht	58°31.0'N 23°40.5'E	shallow, low and wooded coast	
Villika	Paatsalu laht NW part	shallow	
Lepiku	Paatsalu laht N part	shallow	
Illu	Paatsalu laht NE part	shallow	
Vaiste laht	58°20.8'N 23°50.4'E	shallow	
Suti abajas	58°18.9'N 23°58.8'E	shallow	Tõstamaa MR (¹)
Värati laht(*)	58°18.6'N 24°00.6'E	shallow	Tõstamaa MR (¹)
(¹) - operating an engine powered watercraft is prohibited (*) - shown as Tõstamaa laht on some charts			

Hazards

Bay	Hazard	Least depth (m)	Position N/E		Navigational aid	No	Notes
	unnamed (rock)	0.6	58°31.05'	23°34.51'			
	unnamed	0.6	58°31.05'	23°34.99'			
	unnamed	1.4	58°30.82'	23°35.36'			
	unnamed	1.6	58°30.57'	23°35.76'			
	unnamed	2.0	58°30.53'	23°36.57'			
	Mustakivirahu	0.4	58°30.69'	23°37.11'			
	unnamed (rock)	4.2	58°30.07'	23°37.87'			
	unnamed (rock)	2.4	58°29.79'	23°37.84'			
	unnamed	6.5	58°29.64'	23°30.47'	W buoy	829	
	unnamed (rock)	2.2	58°29.68'	23°37.90'			
	unnamed (rock)	2.0	58°29.55'	23°38.47'			
	unnamed	0.2	58°29.96'	23°40.08'			
	unnamed	1.2	58°29.36'	23°40.45'			
	unnamed	0.1	58°29.35'	23°40.11'			
	unnamed	awash	58°28.70'	23°38.97'			
	unnamed	0.4	58°28.89'	23°40.16'			
	unnamed	1.2	58°29.05'	23°40.73'			
	unnamed	0.1	58°28.63'	23°40.58'			
	unnamed	0.8	58°28.41'	23°39.46'			
	unnamed	0.6	58°28.20'	23°39.02'			
	unnamed	0.6	58°25.24'	23°40.35'			
	Haapsi madal	7.6	58°23.92'	23°33.91'			
	Suurkäkk	3.4	58°23.68'	23°37.80'	W buoy	831	
	Sõmeri coastal shoal	1.4	58°18.20'	23°46.50'	S spar buoy	2159	
	unnamed	1.6	58°18.85'	23°48.44'			

Vicinity Hazards (to be continued)

Bay	Hazard	Least depth (m)	Position N/E		Navigational aid	No	Notes
	unnamed	1.6	58°19.13'	23°47.95'			
	Ipsi madal	1.6	58°15.25'	23°46.52'	N spar buoy S spar buoy	2160 2161	
	unnamed	0.4	58°19.19'	23°55.42'			
	Aleksandri madal	2.2	58°13.70'	23°50.22'	N spar buoy	2162	
	Alpiotsa peenar	0.6	58°13.09'	23°51.23'			
	unnamed	2.0	58°12.72'	23°55.25'	N spar buoy	2163.1	
	spoil ground	unknown	58°14.33'	24°02.89'			
	spoil ground	unknown	58°11.00'	24°00.74'			
	Idanõmme lee	1.5	58°11.24'	24°05.09'			
	Kihnu spoil ground	unknown	58°07.20'	24°01.78'			
	unnamed	1.0	58°12.09'	23°51.21'			
	unnamed	0.8	58°10.31'	23°52.65'			
	unnamed	1.2	58°09.54'	23°54.95'			
	unnamed	1.4	58°05.44'	23°57.48'			
	Kihnu madal	1.8	58°02.93'	23°53.12'	N buoy S buoy	833.2 850	
	Sorguladva ots	0.8	58°07.86'	24°11.62'	S buoy	861	
	Sorguladva mätas	0.6	58°08.53'	24°11.66'			
	Kiire madal	4.8	58°00.33'	24°19.78'			E from shoal: Kabli MR (²)
	unnamed	1.2	57°55.95'	24°22.50'			
	unnamed	0.2	57°55.35'	24°22.07'			
(²) - operating a watercraft at the speed exceeding 10 knots 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
	Albilaid	58°31.26'	23°37.70'	low	
	Oosäär	58°30.39'	23°39.66'	low, longshore bar	
	Kampsulilaid	58°30.88'	23°39.79'	low, pebbles	
Paatsalu laht	Härjalaid	58°31.46'	23°40.05'	low, pebbles, sand	
	Hassalaid	58°30.78'	23°40.31'	low, pebbles, rocky	
	Saluputk	58°30.32'	23°40.85'	low, grass, scrub	
	Vareserahu	58°30.22'	23°41.21'	low	
	Harakarahu	58°30.09'	23°41.16'	low	
	Nudrirahu	58°29.22'	23°39.71'	low, pebbles, sand	
	Selglaid	58°27.60'	23°38.39'	2 m high, curved coastline, rocky, grassland, wooded	Varbla laidude MR (³)
	Piiukaarelaid	58°27.62'	23°39.42'	low	Varbla laidude MR (³)
	Kändmalaid	58°27.66'	23°39.60'	low, rocky	Varbla laidude MR (³)
	Ruirahu	58°27.54'	23°39.60'	low	Varbla laidude MR (³)
	Kitselaid	58°27.26'	23°40.58'	low, rocky	Varbla laidude MR (³)
	Põntsilaid	58°27.10'	23°39.98'	low, rocky	Varbla laidude MR (³)
	Raugilaid	58°26.96'	23°39.39'	low, rocky, grass	Varbla laidude MR (³)
	Pihelgalaid	58°26.88'	23°40.11'	low, rocky, grassy	Varbla laidude MR (³)
	Kuralaid	58°26.27'	23°39.99'	low, rocky, wooded	Varbla laidude MR (³)
	Soondrerank	58°22.75'	23°43.26'	low, pebbles, rocky	
	Kõrksaar	58°20.31'	23°46.91'	up to 2.9 m high, grass, scrub	
	Rootsiklaid	58°20.19'	23°48.06'	low, grass, bushes	
	Silmarank	58°20.49'	23°47.78'	low, rocky, bushes	
	Sangõ	58°11.93'	23°54.71'	above 3 m high, rocky, reed, scrub, wooded	Kihnu birdislets MR (⁴)
	Heinlaid	58°17.05'	24°00.29'	low, grass, scrub	Tõstamaa MR (⁵)
	Kiveslaid	58°16.45'	24°01.02'	low, sand, pebbles	Tõstamaa MR (⁵)

(³) - 01.04 - 15.07 human presence on islets within the limits of the conservation zone is prohibited

(⁴) - 15.04 - 15.07 human presence within the limits of the conservation zone is prohibited

(⁵) - operating an engine powered watercraft is prohibited;
15.04 - 15.07 human presence within the limits of the conservation zone is prohibited

Vicinity Islands, inlets (to be continued)

Bay	Island, inlet	Position N/E		Description	Notes
	Küll-laid	58°11.01'	23°57.47'	low, grass, scrub	
	Umalaid	58°10.34'	23°57.49'	low, grass, scrub	
	Imutlaid	58°08.87'	23°55.94'	low, sand, scrub	
	Kihnu saar	58°07.69'	23°59.14'	extends up to 7m in length, 3.3 km in width, 8.5 m in height, wooded, sand dunes, coastal meadows; coastal bank 1–1.6 m wide extends W, S and E off Kihnu saar	
	Munalaid	58°13.80'	24°07.00'	linked to mainland by berm	
	Manõja saar	58°13.05'	24°07.58'	up to 5 m high; coastal shoal is rocky, 0.7–1.1 m wide; passage detached from the mainland is less than 1 m in depth	
	Anõlaid	58°12.23'	24°07.72'	low, bushes	Manija MR ([6])
	Vahalaid	58°14.41'	24°07.79'	low, sand, grass	
	Sorgu saar	58°10.64'	24°11.98'	up to 5 m high, rocky	Sorgu MR ([7])
	Suurlaid	58°06.10'	24°27.18'	low, grass	Luitemaa MR ([8])

([6]) - 01.04 - 31.07 human presence is prohibited

([7]) - operating an engine powered watercraft is prohibited from 01.04 - 15.07 within the limits of the limited management zone, from 01.04 - 15.07 human presence within the limits of the conservation zone is prohibited

([8]) - operating an engine powered watercraft without the approval of the manager of the protected area is prohibited

Navigational aids

database of Estonian aids to navigation - https://nma.vta.ee/			
Island, inlet	**Navigational aid**	**Nav. aid No**	**Notes**
Viirelaid	Viirelaid lighthouse	785/3636	
	Virtsu lighthouse	780/3632	
Selglaid	Pöörilaid lighthouse	830/3631	
	Sõmeri lighthouse	835/3595	
Kihnu saar	Kihnu lighthouse	840/3596	
Manõja saar	Manilaid lighthouse	855/3603	
Manõja saar	Saareotsa ldg.l. front light beacon	857/3603.3	
Manõja saar	Saareotsa ldg.l. rear light beacon	858/3603.31	
Sorgu saar	Sorgu lighthouse	860/3602	
	Häädemeeste light beacon	894/3594.5	
	Ainaži lighthouse	-/3590	Republic of Latvia

Other marks

Island, inlet	**Mark**	**Position N/E**		**Notes**
	Virtsu-Uuluti wind turbines (3 pcs)	58°34.01'	23°32.05'	aviation obstruction lights
	Virtsu wind turbines (4 pcs)	58°33.79'	23°30.50'	aviation obstruction lights
	Pivarootsi communication mast	58°32.58'	23°37.07'	aviation obstruction lights
	Tamba wind turbines (2 pcs)	58°29.69'	23°41.30'	aviation obstruction lights
	Mäliküla wind turbines (4 pcs)	58°26.69'	23°43.96'	aviation obstruction lights
	Mäliküla communication mast	58°26.58'	23°43.24'	aviation obstruction lights
	Kulli communication mast	58°22.59'	23°48.08'	aviation obstruction lights
	Matsi communication mast	58°22.42'	23°44.67'	aviation obstruction lights
	Tõstamaa communication mast	58°20.22'	23°59.48'	aviation obstruction lights
	Värati communication mast	58°18.43'	23°59.72'	aviation obstruction lights
	Seliste church	58°17.70'	24°04.19'	
Kihnu saar	Kihnu lighting tower (former)	58°08.42'	24°00.79'	
Kihnu saar	Kihnu communication mast	58°07.21'	23°58.39'	aviation obstruction lights
Kihnu saar	Kihnu radar tower	58°05.93'	23°58.33'	
	Rannametsa communication mast	58°07.29'	24°30.35'	aviation obstruction lights
	Häädemeeste church	58°04.78'	24°29.95'	
	Häädemeeste communication masts (2 pcs)	58°04.72'	24°30.54'	aviation obstruction lights
	Häädemeeste orthodox church	58°04.37'	24°29.32'	
	Penu communication mast	58°02.11'	24°27.53'	
	Jaagupi chimney	58°02.21'	24°27.61'	
	Kabli communication masts (2 pcs)	58°00.00'	24°27.15'	aviation obstruction lights
	Kabli chimney	57°59.49'	24°25.11'	
	Majaka communication mast	57°58.72'	24°26.21'	aviation obstruction lights
	Treimani church	57°55.25'	24°23.25'	
	Treimani framework tower	57°55.15'	24°23.10'	
	Treimani water tower	57°55.12'	24°23.12'	
	Treimani communication mast	57°54.57'	24°23.77'	aviation obstruction lights
	Ikla communication mast	57°52.64'	24°22.97'	aviation obstruction lights
	Ikla radar tower	57°52.49'	24°21.70'	
	Berzinš wind turbines (2 pcs)	57°51.98'	24°22.68'	Republic of Latvia
	Berzinš communication masts (3 pcs)	57°50.58'	24°21.06'	Republic of Latvia

Topography

Coast

coast of the mainland is low and woody between Virtsu poolsaar and Sõmeri poolsaar
coastal shoal is reefy with variable topography

coast of the mainland is woody between Sõmeri poolsaar and Munalaid
coastal shoal is rocky, width between 0.5–1.5 M
coastal sea bottom predominantly clay, sand and shingle

dozens of low islets rise from the shallow waters between Küllisäär and Imutlaid
approaches between islets rocky, least depth below 1m

in Kihnu väin surface current may exceed 0.75 knots

poorly indented coast between Väikelaid and the Latvian border
shoals extend 4 cables from the shore, awash

between Ruhnu saar and Kihnu saar the surface current may reach 1 knots

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, within 10 m isobath

Pilot service - transit traffic and harbours in Väinameri

pilotage is compulsory in Väinameri, except for small craft
Väinameri S-N pilot boarding place 58°31'N 23°30'E
radio channel: VHF 12
call sign: Virtsu Loots

Anchorages

Anchorage area	Bottom topography	Notes
Vaiste laht, depths 2.2–5 m	rocks, sand	
Värati laht entrance, depths 2.6–3 m	rocks, sand	
5–8 cables W of Munalaiu harbour, depths 2.5–3 m	sand, clay	
2–8 cables W of Kakra säär, depths 4–6 m	sand	

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

(PR) Männi väikesadam 58°31.03'N 23°39.86'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Merelahe boat harbour 58°31.36'N 23°39.77'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Hõbesalu boat harbour 58°31.53'N 23°39.87'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

(PR) **Lääne sadam** 58°31.63'N 23°40.61'E (private)

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

Sadama boat harbour 58°31.70'N 23°40.01'E (private)

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

Paatsalu sadam approach (depths BSCD2000[EH2000])

Channel

length 193.0 m
width 4.0 m
depth 1.1 m

Restrictions

local knowledge required

(PR) **Paatsalu sadam** 58°31.46'N 23°40.71'E (www.paatsalupuhkekeskus.ee/paatsalu-sadam/) *(in Estonian only)*

Restrictions

daytime traffic only, speed limit 4 knots

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	4.5	1.0	local harbour	15.4 - 31.10
1	15.0	0,9 - 1.3				floating	
2	10.0	0,9 - 1.3				floating	
slip							

Facilities

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

General

CCTV (recording)
garbage reception
shower, toilet, laundry

Paatsalu sadam (2021)

Nurga harbour 58°30.72'N 23°40.98'E (under reconstruction)

(PR) **Kütioja sadam** 58°30.28'N 23°41.47'E (under construction)

Viibre boat harbour 58°30.10'N 23°41.55'E (under reconstruction)

Parika boat harbour 58°27.78'N 23°40.89'E (private)

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

Kadariku sadam approach (depths BSCD2000[EH2000])

Channel
width 5.0 m
depth 1.3 m

(PR) **Kadariku sadam** 58°27.27'N 23°41.14'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)		
			8.0	4.0	1.3	local harbour	01.04 - 31.10
slip							
1	42.0	1.3				floating	

Facilities
General
dry toilet

Kadariku sadam (2021)

Jaagusääre boat harbour 58°26.72'N 23°40.76'E (under reconstruction)

Pihelgalaiu sadam approach (depths BSCD2000[EH2000])

Channel
width 20 m
depth 1.6 m

(PR) **Pihelgalaiu sadam** 58°26.75'N 23°40.12'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)		
			16.0	4.5	1.7	local harbour	01.05 - 31.10
1	30.0	1.6				small craft	

Pihelgalaiu sadam (2015)

Varbla sadam approach (depths BSCD2000[EH2000])

Navigational aids

Varbla Puhkeküla harbour mole light beacon (832/-)
Varbla Puhkeküla harbour safe water spar buoy (2232/-)

Channel

width 4.5 m
depth 2.7 m
lateral marks

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

(PR) **Varbla sadam** 58°25.76'N 23°40.53'E (www.varblasadam.ee/sadam) *(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)		
			24.0	4.0	2.5	small craft facilities	01.05 - 31.10
1	36.0	2.7					
2	36.0	2.7					
3	36.0	2.7				service	
4	36.0	2.7				floating	
5	36.0	2.7				floating	
slip						floating	

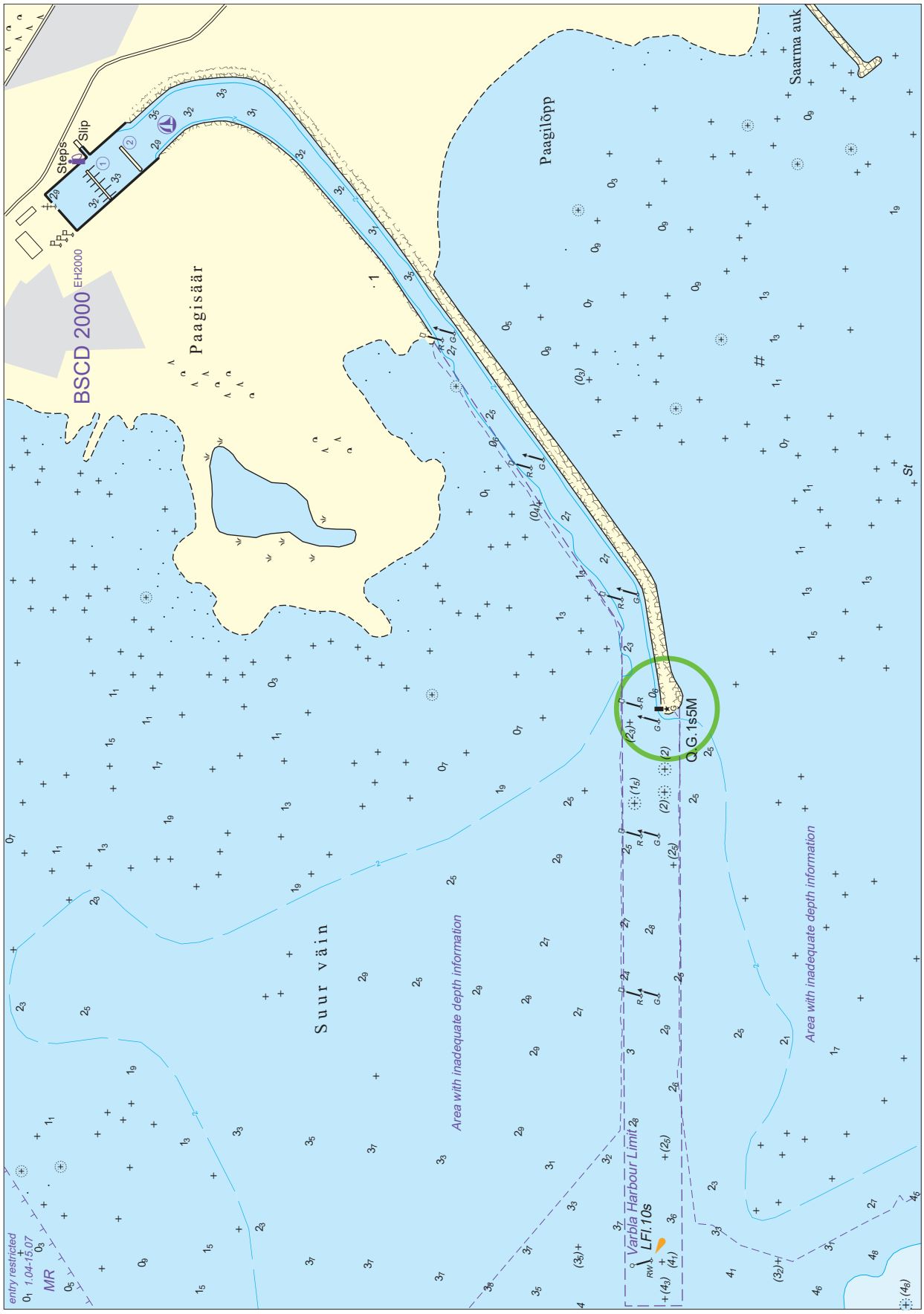
Facilities

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

General

garbage reception
shower, toilet, laundry

Varbla sadam (2025)



Varbla sadam (2020)

Männamäe boat harbour 58°24.81'N 23°42.32'E (private)

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

Matsi boat harbour 58°21.61'N 23°44.64'E (under reconstruction)

Matsi boat harbour (2012)

Matsi-Saulepi harbour approach

Channel
length 32.0 m
width 6.5 m

Matsi-Saulepi harbour 58°20.62'N 23°47.54'E

Matsi-Saulepi harbour (2012)

Kastna väikesadam approach

Channel
length 60.0 m
width 10.0 m

(PR) **Kastna väikesadam** 58°19.47'N 23°54.56'E (under reconstruction)

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	0.8	local harbour	01.04 - 31.10
1	12.0	0.8					

Värati sadam approach (depths BSCD2000[EH2000])

Navigational aids

Värati harbour S mole daymark (834.1/-)
Värati harbour N mole daymark (834.2/-)
lateral marks

Channel

width 12.0 m
depth 2.4 m

Restrictions

local knowledge required

(PR) **Värati sadam** 58°18.34'N 23°59.22'E

Restrictions

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

minimal speed, with which the small craft maintains steering capability, is implemented

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)		
			12.0	4.0	2.3	small craft facilities	01.05 - 30.09
1	18.0	2.4				floating	
2	34.0	2.4				floating	
slip							
3	12.0	2.4				service	

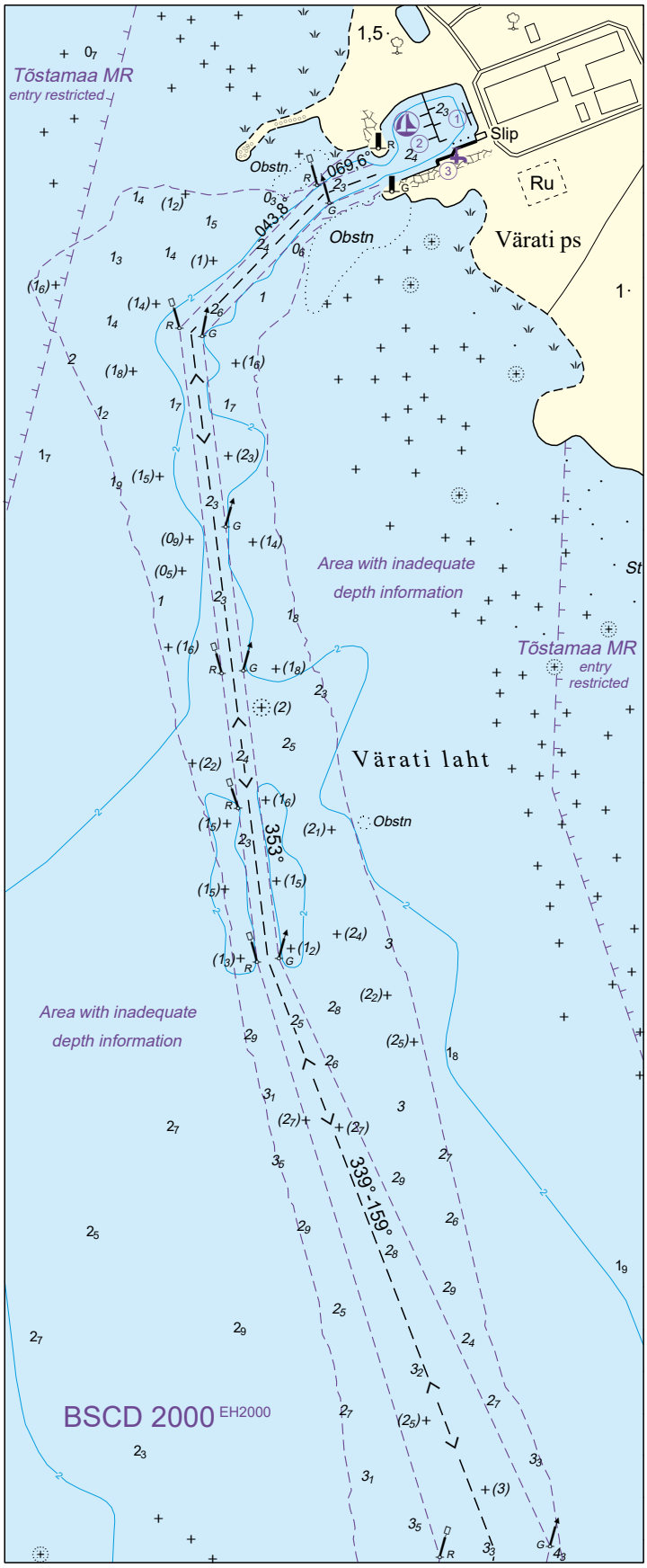
Facilities

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

General

fuel on demand only

Värati sadam (2021-2)



Värati sadam (2020)

Tõstamaa boat harbour 58°18.40'N 23°59.14'E (private)

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

Müürsepa boat harbour 58°16.77'N 24°03.24'E (private)

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

Merelaiu väikesadam approach (depths BSCD2000[EH2000])

Channel
length 153.0 m
width 6.0 m
depth 1.0 m

(PR) **Merelaiu väikesadam** 58°18.28'N 24°01.35'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)		
			8.0	3.0	0.8	local harbour	01.04 - 30.10
1	11.0	1.0				floating	
2	6.0	1.0				floating	
3	5.0	1.0				floating	
slip							

Facilities

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

General
garbage and waste reception

Merelaiu väikesadam (2015)

Võidu sadam approach

Channel 105° (285°)
length 147.0 m
width 8.0 m

(PR) **Võidu sadam** 58°18.50'N 24°01.24'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	4.0	1.0	local harbour	01.04 - 31.10
1	33.0	1.3				small craft	
slip							
2	71.0	1.3				small craft	
3	26.0	1.3				small craft	

Facilities

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

General
garbage reception

Võidu sadam (2012)

Sigatsuaru väikesadam approach (depths BSCD2000[EH2000])

Channel 167° (347°)
width 4.0 m
depth 0.4 m

Restrictions
local knowledge required

[(PR)] **Sigatsuaru väikesadam** 58°09.28'N 24°00.15'E (https://kihnu.ee/sigatsuaru-kalasadam) *(in Estonian only)*

Restrictions
minimal speed, at which the ship maintains maneuverability, is implemented

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)		
			10.0	3.0	0.3	small craft facilities	01.03 - 31.12
slip							
E quay	18.0	1.4				fishing	
W quay	24.0	1.4				fishing	
B	18.0	1.4				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
E quay						*	
W quay						*	
B							

Sigatsuaru väikesadam (2020)

Munalaiu sadam approach (depths BSCD2000[EH2000])

Navigational aids
- Saareotsa ldg.l. 070.4° - 250.4°
  - Saareotsa ldg.l. front light beacon (857/3603·3)
  - Saareotsa ldg.l. rear light beacon (858/3603·31)
- Munalaiu safe water buoy (851/-)
- Munalaiu ldg.l. 330.3° - 150.3°
  - Munalaid ldg.l. front light beacon (853/3604)
  - Munalaid ldg.l. rear light beacon (854/3604·1)
- lateral marks

Saareotsa channel
- length 800 m
- depth 3.8 m

Munalaiu channel
- length 420 m
- width 90 m
- depth 3.8 m
  - Restrictions
    - one-way traffic is implemented and determined by the harbour master
    - small craft in vessel traffic must keep away as far as possible from the center line as allowed by their own safe navigation

(PR) **Munalaiu sadam** 58°13.75'N 24°07.08'E (https://saarteliinid.ee/en/munalaiu/)

Pilot service
- pilotage is compulsory, except for small craft

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
- small craft is not permitted to move closer than 30 m to the quays or ships alongside except for berthing themselves
- minimal speed, at which the ship maintains maneuverability, is implemented
  - Mooring
    - berthing places with ramp and landgang shall be kept free for ferry
  - Maneuver
    - remooring is allowed only with the permission of the harbour master's office
    - pilotage is compulsory for remooring a vessel, except hauling

Mooring (depths BSCD2000[EH2000])

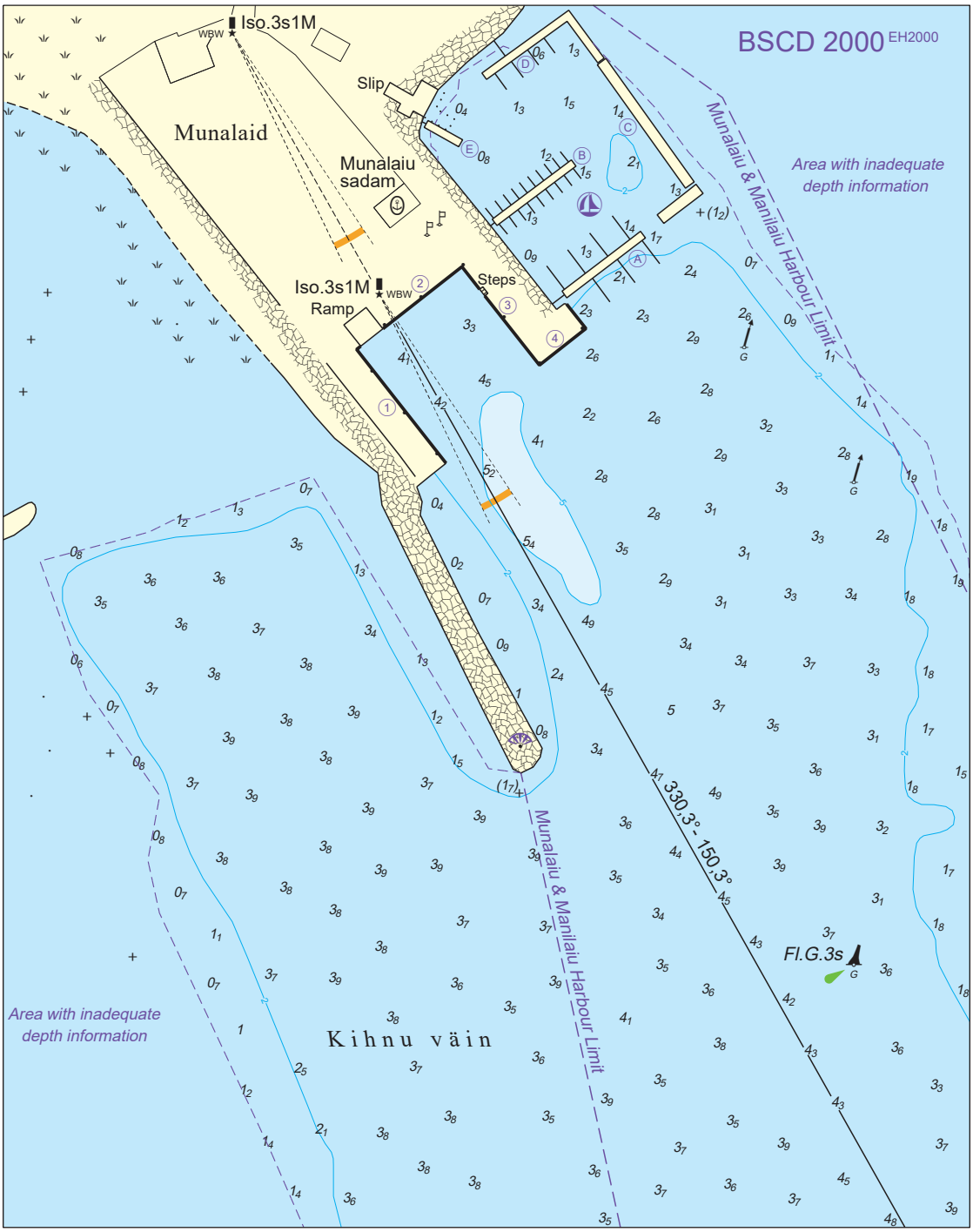
Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			45.0	13.0	3.5	small craft facilities, ferry transit service	01.01 - 31.12
1	44.0	3.8				ferries	
2	41.0	3.8				small craft	
3	38.0	3.4				small craft	
4	18.0	2.3				small craft	
A	30.0	1.7				floating	
B	36.0	1.3				floating	
C	60.0	1.4 - 1.8				floating	
D	30.0	1.0				floating	
slip		1.0					

Facilities

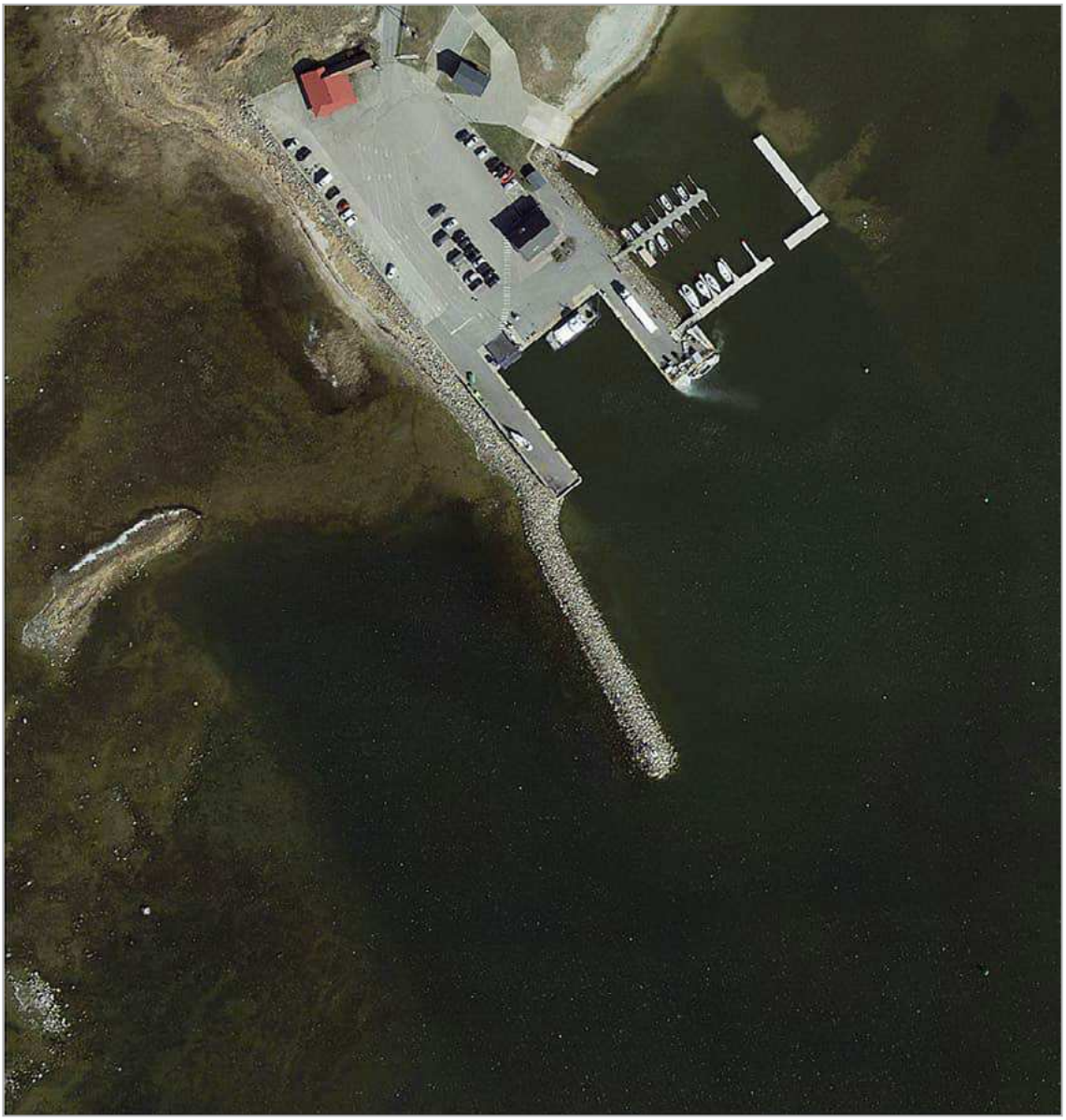
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1	*	*	*	*		*	WiFi
2	*	*	*	*		*	WiFi
3	*	*	*	*		*	WiFi
4	*	*	*	*		*	WiFi
A		*				*	WiFi
B		*				*	WiFi
C							WiFi
D							WiFi

General
- fuel on demand only
- garbage reception
- shower, laundry, toilet
- sweepings reception

Munalaiu sadam (2025)



Munalaiu sadam (2021)



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

Manilaiu sadam approach (depths BSCD2000[EH2000])

Navigational aids

Saareotsa ldg.l. 070.4° - 250.4°

Saareotsa ldg.l. front light beacon (857/3603·3)

Saareotsa ldg.l. rear light beacon (858/3603·31)

Munalaiu ldg.l. 150.3° - 330.3°

Munalaiu ldg.l. front light beacon (853/3604)

Munalaiu ldg.l. rear light beacon (854/3604·1)

lateral marks

Saareotsa channel

length 800 m

depth 3.8 m

Manilaiu channel

length 350 m

width 50 m

depth 3.6 m

Restrictions

one-way traffic is implemented and determined by the harbour master

small craft in vessel traffic must keep away as far as possible from the center line as allowed by their own safe navigation

(PR) **Manilaiu sadam** 58°13.32'N 24°07.52'E (https://saarteliinid.ee/en/manilaiu/)

Pilot service

pilotage is compulsory, except for small craft

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

small craft is not permitted to move closer than 30 m to the quays or ships alongside except for berthing themselves

minimal speed, at which the ship maintains maneuverability, is implemented

Mooring

berthing places with ramp and landgang shall be kept free for ferry

Maneuver

remooring is allowed only with the permission of the harbour master's office

pilotage is compulsory for remooring a vessel, except hauling

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)		
			45.0	13.0	3.5	small craft facilities, ferry transit service	01.01 - 31.12
1	23.0	3.8				ferries	
2	15.0	2.7				small craft	
3	15.0	0.8				small craft	
4	21.0	0.8				small craft	
5	15.0	0.2				floating, A	
6	18.0	0.3				floating, B	

Facilities

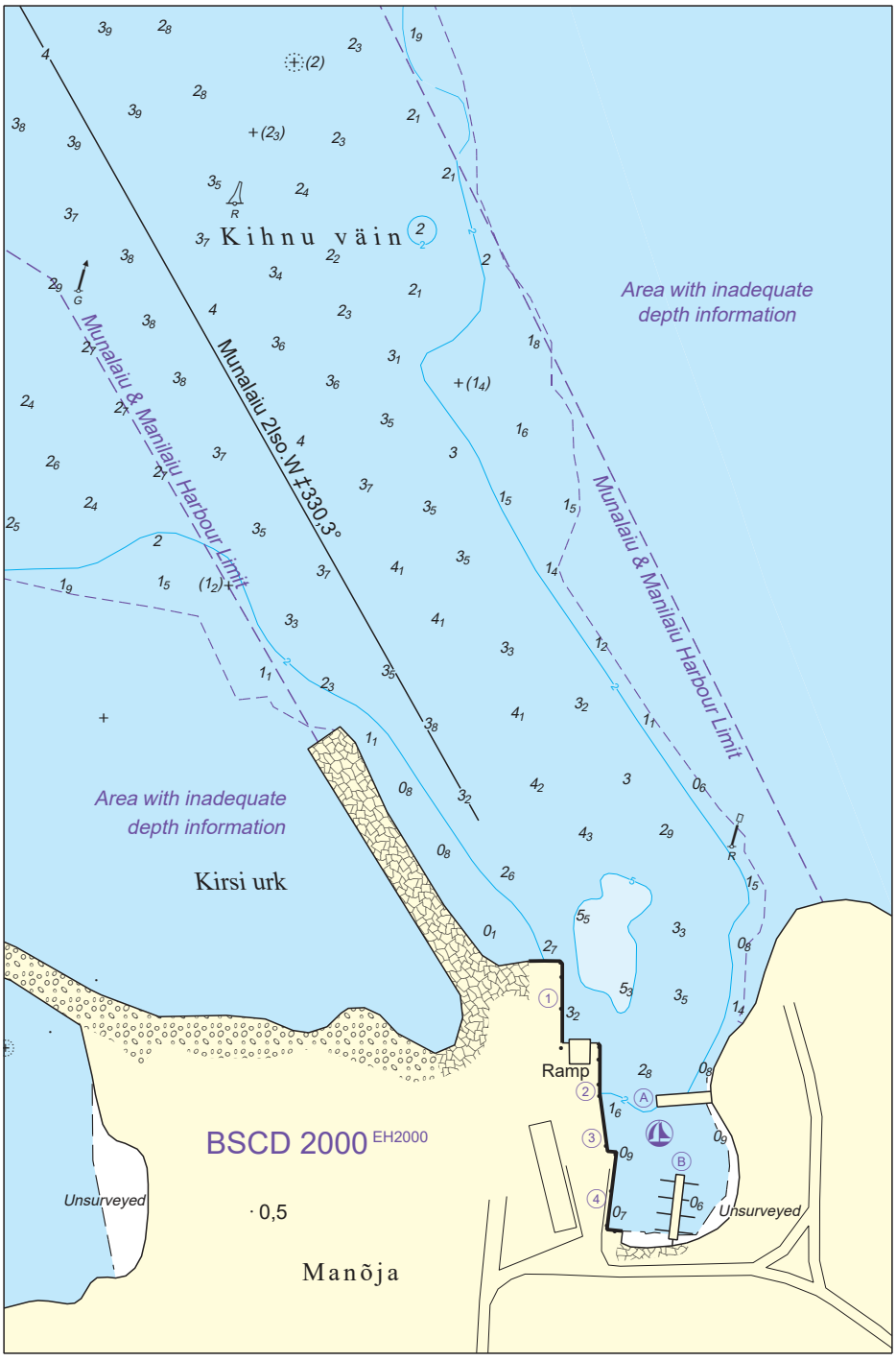
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1			*	*		*	
2			*	*		*	
3			*	*		*	
4			*	*			
5			*	*			
6							

General

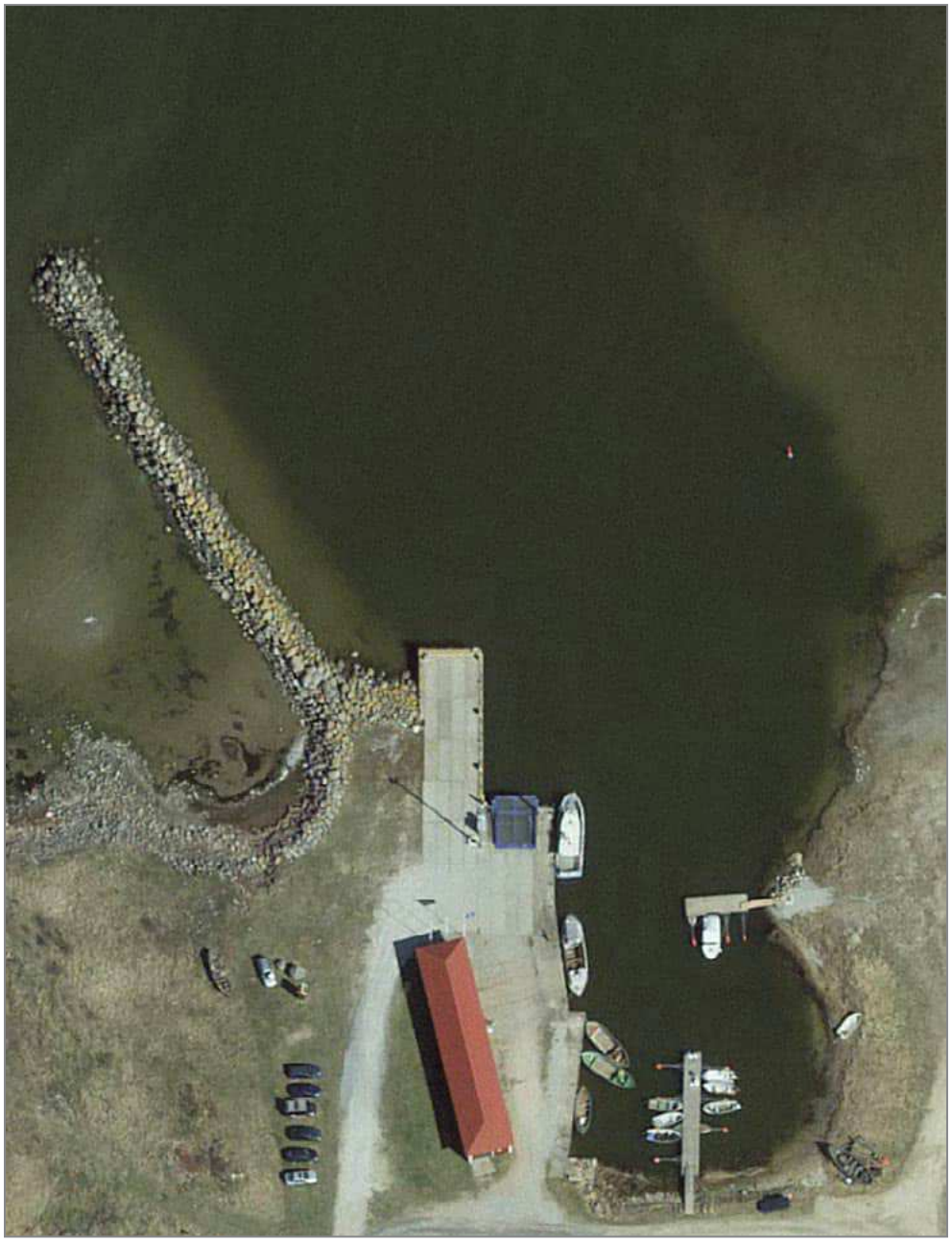
garbage and ship generated waste reception

dry toilet

Manilaiu sadam (2025)



Manilaiu sadam (2021)



(PR) **Lao sadam** 58°14.04'N 24°07.33'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)		
			20.0	4.0	1.0	local harbour	01.04 - 31.10
slip							
1	55.0	0.4				small craft	

Facilities

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

Lao sadam (2012)

(PR) **Peerni sadam** 58°14.9'N 24°08.0'E (private)

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

Kihnu sadam approach

Suaru sadam approach

Suaru kalasadam approach

(depths BSCD2000[EH2000])

Navigational aids

Kihnu harbour ldg.l. 272.9° - 092.9°

Kihnu harbour ldg.l. front light beacon (841/3597)

Kihnu harbour ldg.l. rear light beacon (842/3597·1)

Kihnu harbour pier light beacon (843/3598)

Kihnu safe water buoy (845/-)

Channel

length 800 m

width 50 m

depth 3.3 m

lateral marks

Natural conditions

occasionally filled with sediment at harbour entrance

Restrictions

small craft in vessel traffic must keep away as far as possible from the center line as allowed by their own safe navigation

(PR) **Kihnu sadam** 59°08.50'N 24°01.22'E (https://saarteliinid.ee/en/kihnu/)

(PR) **Suaru sadam** 58°08.46'N 24°01.03'E (https://kihnu.ee/suaru-kalasadam) *(in Estonian only)*

(PR) **Suaru kalasadam** 58°08.46'N 24°00.97'E (https://kihnu.ee/suaru-kalasadam) *(in Estonian only)*

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, with which the ship maintains steering capability, is implemented

small craft is not permitted to move closer than 30 m to the quays or ships alongside except for berthing themselves

Entering and leaving prohibitions

wind speed over 18 m/s

visibility under 100 m

the cargo ship must have a working bow thruster

Maneuver

remooring is allowed only with the permission of the harbour master’s office

pilotage is compulsory for remooring a vessel, except hauling

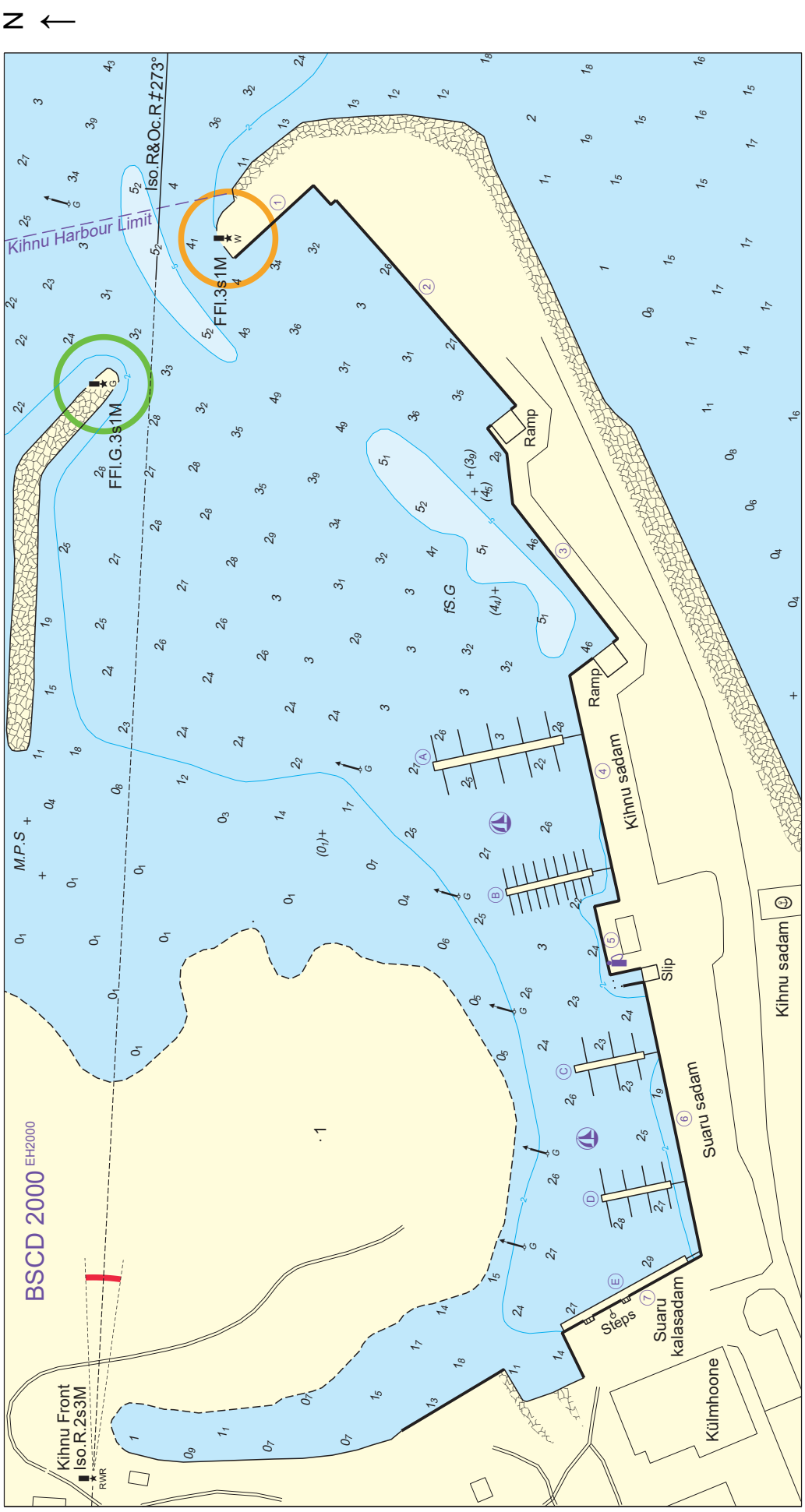
Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
Kihnu sadam			60.0	15.0	3.3	commercial shipping	01.01 - 31.12
1	36.0	3.4	60.0	13.0	3.7	passenger	
2	101.0	2.9	60.0	13.0	3.7	ferries, ramp	
3	75.0	3.4	60.0	13.0	3.0	ferries, ramp	
4	78.0	2.7				small craft	
A	45.0	2.7	24.0			floating	
B	30.0	2.4	24.0			floating	
Suaru sadam			24.0	6.0	2.0	small craft facilities	01.01 - 31.12
5	24.0	2.0				service	
slip							
6	116.0	1.7				small craft	
C	24.0	2.5				floating	
D	24.0	2.5				floating	
Suaru kalasadam			24.0	6.0	2.0	local fishing harbour	01.01 - 31.12
7	53.0	2.0				fishing	
E	48.0	2.0				floating	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
Kihnu sadam							
1		*				*	Wi-Fi
2	*	*	*	*		*	Wi-Fi
3	*	*	*	*		*	Wi-Fi
4	*	*	*	*		*	Wi-Fi
A							
B		*				*	
Suaru sadam							
5	*	*	*			*	Wi-Fi
6			*			*	Wi-Fi
C		*	*			*	Wi-Fi
D		*	*			*	Wi-Fi
Suaru kalasadam							
7		*				*	Wi-Fi
E		*				*	Wi-Fi

General
- food and veterinary inspection
- garbage and waste reception
- laundry, shower, toilet



Kihnu sadam, Suaru sadam and Suaru kalasadam (2025)

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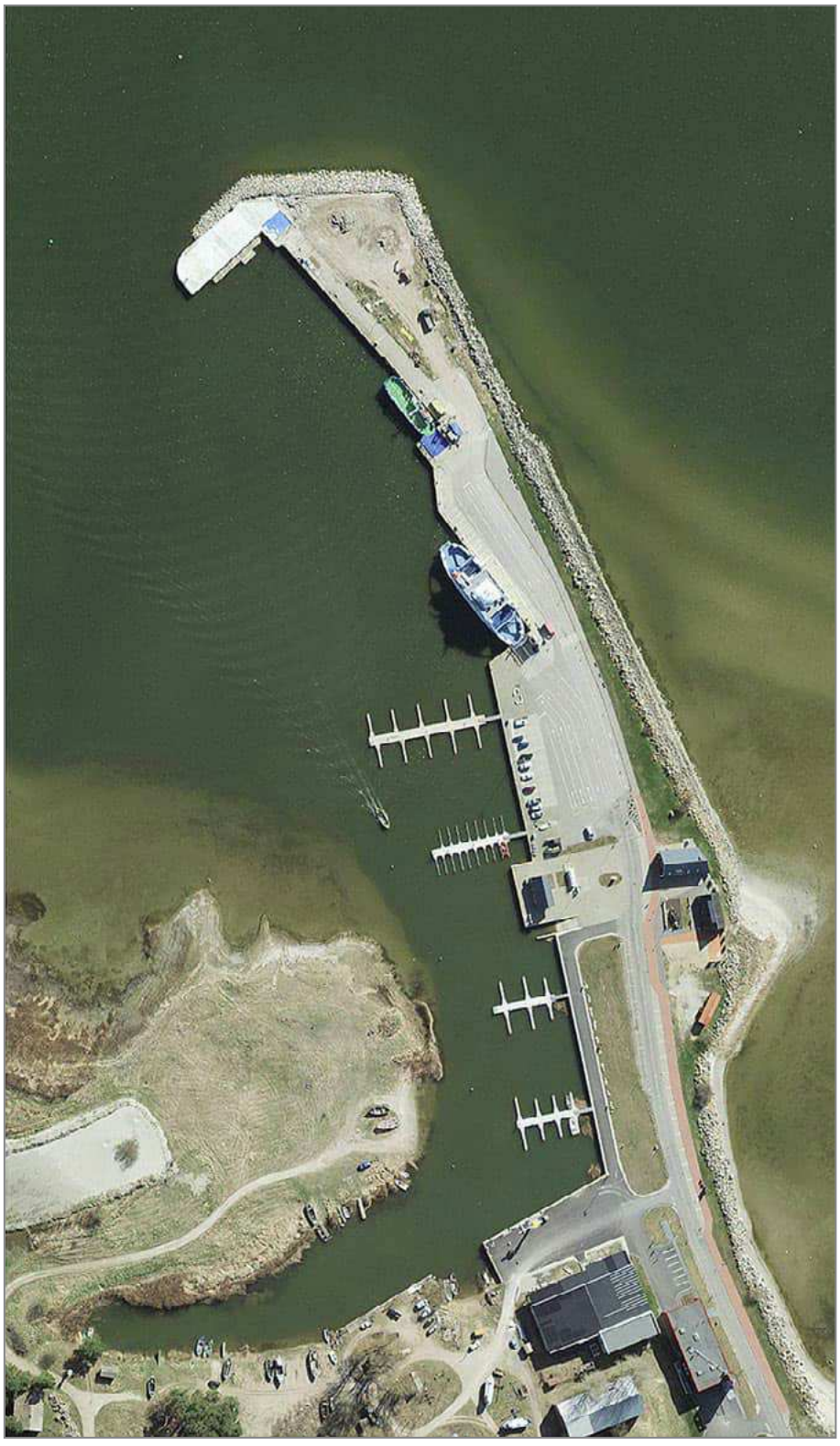


Kihnu sadam, Suaru sadam and Suaru kalasadam (2021)

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

Treimani sadam approach

Channel
length 399.0 m
width 14.0 m

(PR) **Treimani sadam** 57°55.10'N 24°23.07'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	4.0	0.7	local harbour	01.04 - 31.10
1	43.0	1.3					
2	48.0	1.3					
slip							

Facilities

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

Treimani sadam (2012)

Jaagupi sadam approach (depths BSCD2000[EH2000])

Channel
length 368.0 m
width 10.0 m
depth 0.5 m
Natural conditions
harbour entrance point is sometimes filled with sediment

(PR) **Jaagupi sadam** 58°02.20'N 24°27.49'E

Real time weather
www.ilmateenistus.ee/meri/vaatlusandmed/haademeeste/?lang=en

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)		
			5.0	2.0	0.5	local harbour	10.06 - 31.08
A	52.0	0.5				small craft	
B	10.0	0.5				fishing	

Facilities

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

General
toilet

Jaagupi sadam (2015)

Kikka-Jaagupi boat harbour 58°03.42'N 24°28.32'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

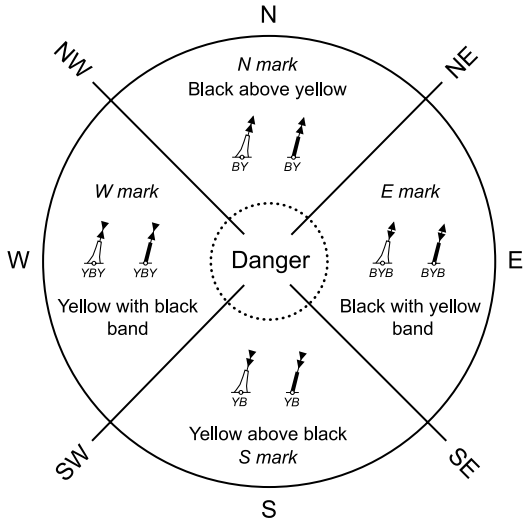
entrance on the permission of the harbour owner

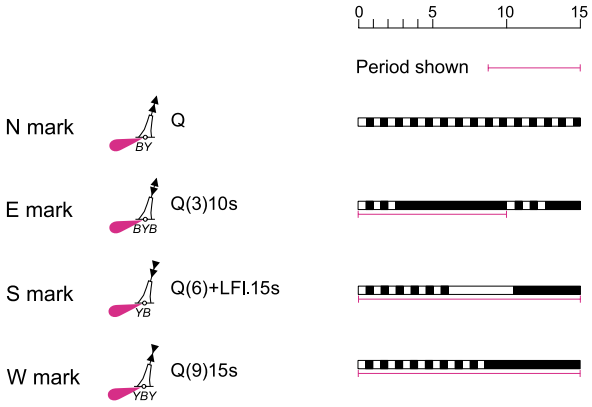
FLOATING AIDS

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

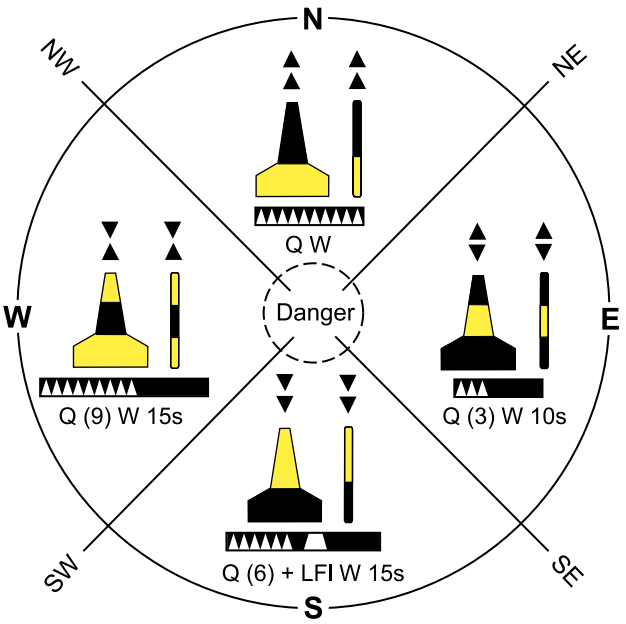
Isolated danger marks stationed over dangers with navigable water around them			
Body: black with red horizontal band Topmark (if any): 2 black spheres		Fl(2)	white light

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

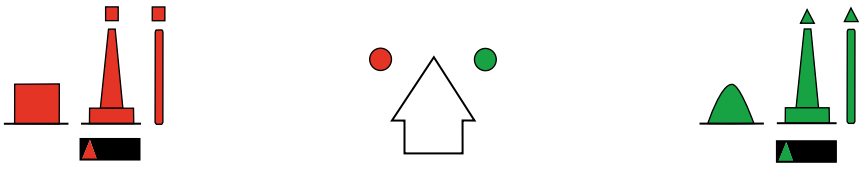
Special marks not primarily to assist navigation but to indicate special features			
Body: yellow Topmark (if any): yellow x		Fl.Y	yellow light

COLOUR SCHEME

CARDINAL MARKS

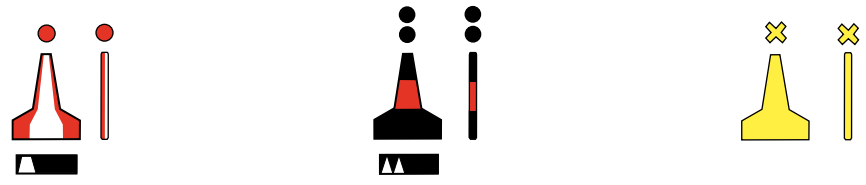


LATERAL MARKS



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

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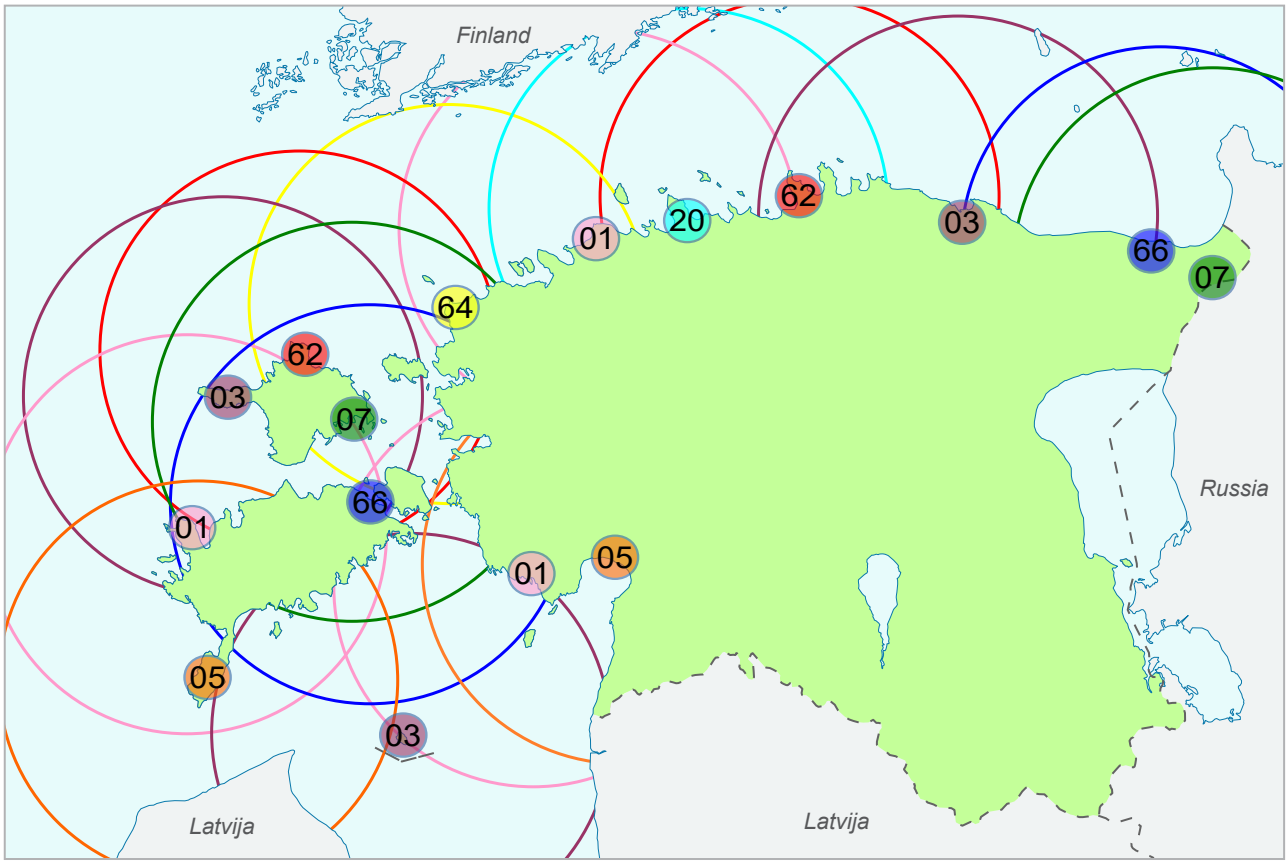
scheme of the base stations



◯ - Tallinn Radio base stations and VHF duplex working channels