



REPUBLIC OF ESTONIA
TRANSPORT ADMINISTRATION

Sailing Directions for Estonian Waters

part 3
Baltic Sea

3.2 Undva nina to Kõpu poolsaar

Updated 01.10.2026

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Cartography Department

Second release March 2015

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/>

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, 21, 27

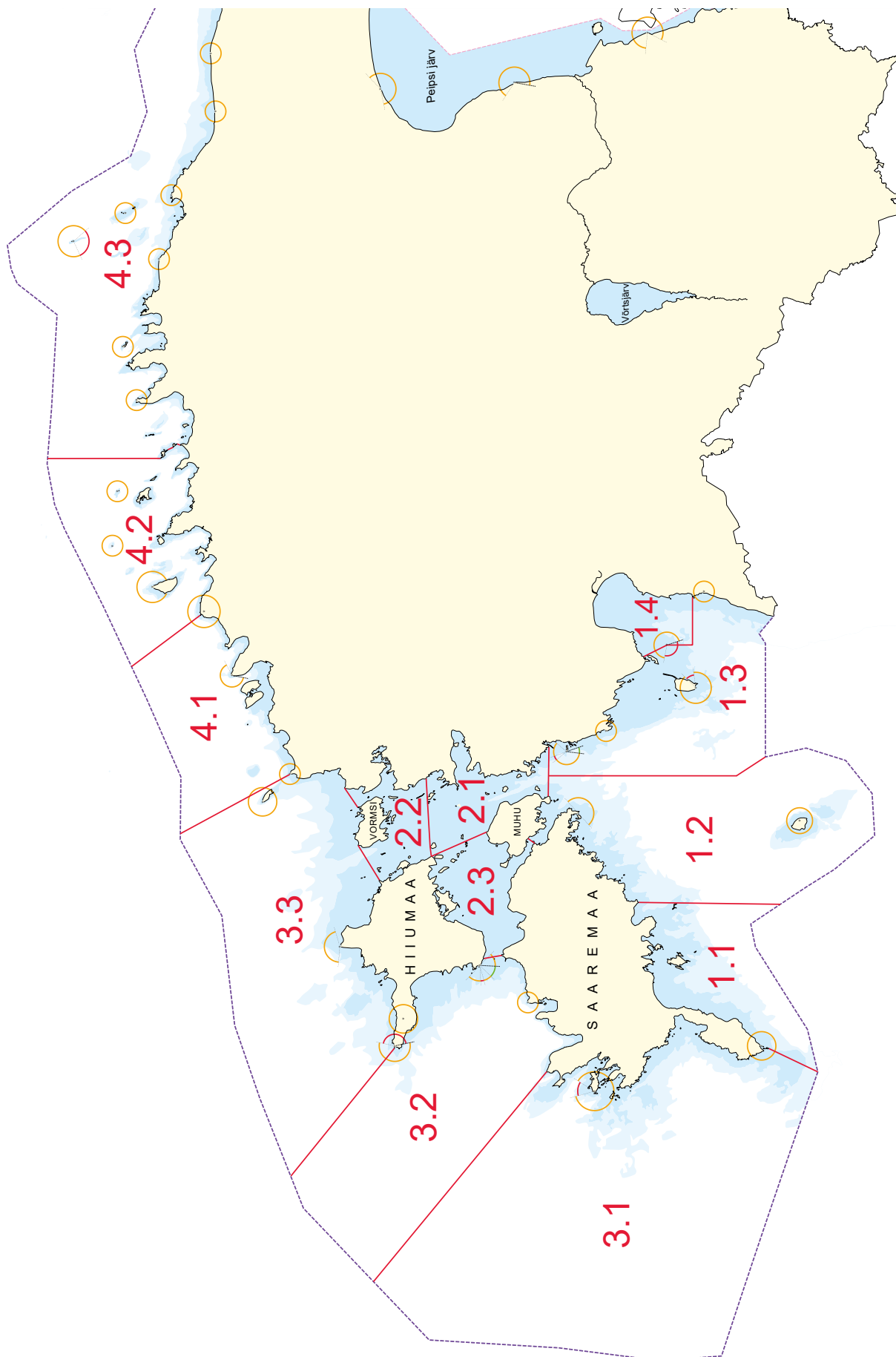
2nd release

2026																																					
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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>

Baltic Sea

area describing information in part 3.1

Climate and weather

area describing information in part 3.1

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/meriilm/?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

Ice chart

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

Regions

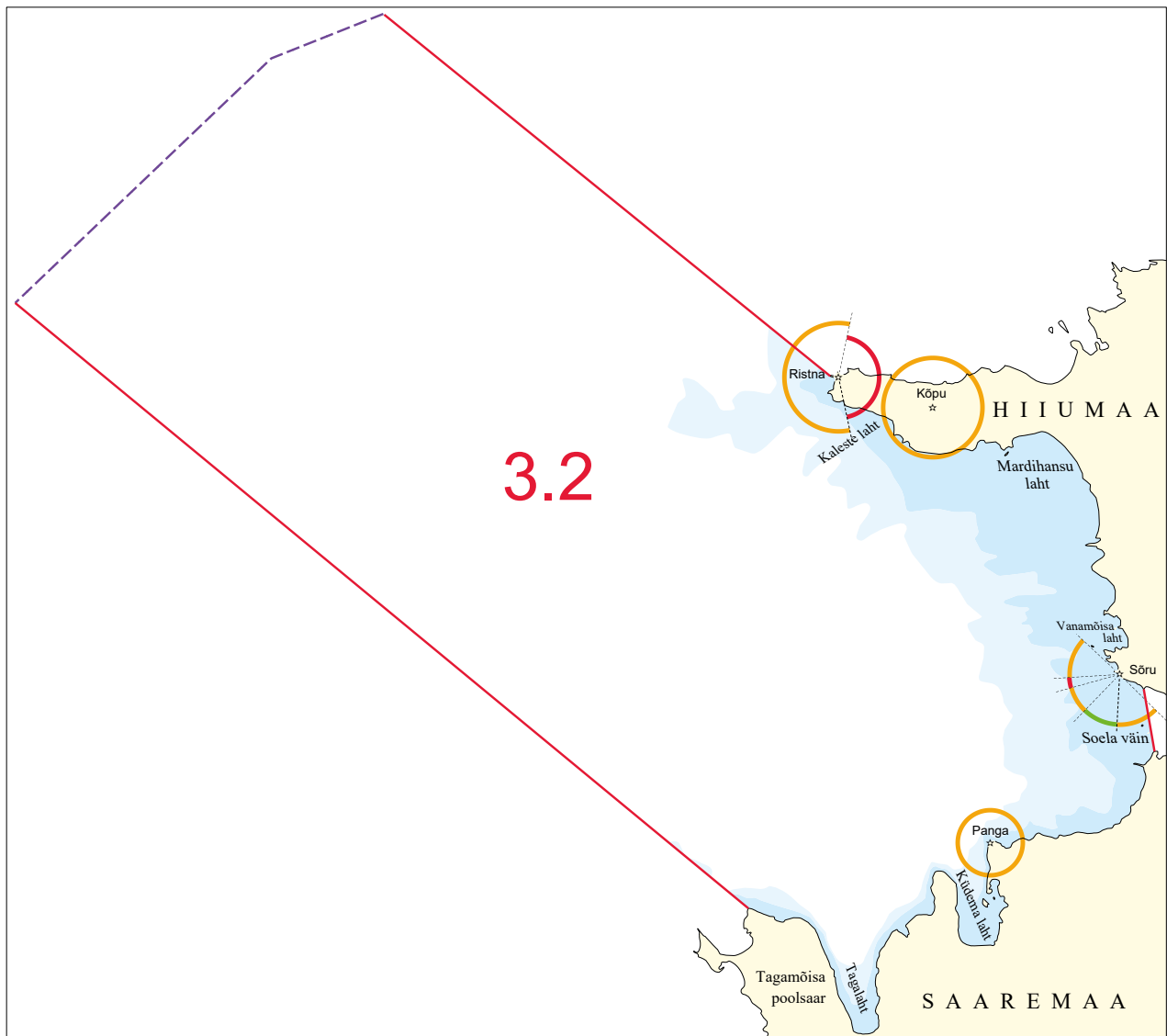
3.1 Sõrve poolsaar to Undva nina

3.2 Undva nina to Kõpu poolsaar

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3.3 Kõpu poolsaar to Põõsaspea neem

3.2 SCHEME OF THE MARITIME AREA



3.2 marine area navigational charts

Estonian Maritime Administration chart No	INT chart No	Scale
305	1215	250 000
306		250 000
515	1270	100 000
624		50 000
623		50 000
622		50 000
620		50 000
752		25 000
881		10 000

Atlas
Charts of Estonia, Vol 3
Charts of Estonia, Vol 2

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 the cable area, on the cable or pipeline track and 0.5 M on either side of these

3.2 Undva nina to Kõpu poolsaar

Vicinity

B a y s

Bay	Position, area limits	Description	Restrictions
Tagalaht	58°27.98'N 22°04.75'E	depth at the entrance less than 30 m, 10 m isobath lies 2-3 cables from the shore; W coast is high and wooded. E-shore northward is composed of pebbles, southward lies a sandy beach; bottom clay and sand	
Pidula laht	Tagalaht S part	depth at the entrance less than 6 m	
Kugalepa laht	58°31.21'N 22°11.49'E	depth at the entrance less than 10 m	
Küdema laht	58°31.50'N 22°15.86'E	depth at the entrance less than 23 m; steep slope at the entrance to the bay; bottom clay	
Panga laht	58°34.04'N 22°18.79'E	depth at the entrance less than 3 m	
Tohvri laht	58°42.63'N 22°28.70'E	depth at the entrance less than 2.8 m	
Vanamõisa laht	58°44.19'N 22°28.67'E	depth at the entrance less than 6 m; shallow coastal waters with abundant rocks awash	
Küla laht	58°46.28'N 22°27.93'E	depth at the entrance less than 6 m	
Haldi lõugas	58°48.00'N 22°26.95'E	depth at the entrance less than 3 m; numerous rocks with depth unknown at the entrance and within bay limits	
Mardihansu laht	58°51.47'N 22°23.72'E	depth at the entrance less than 7 m	
Lupilõugas	Mardihansu laht NW part	depth at the entrance less than 5 m	
Kaleste laht	58°54.47'N 22°06.76'E	depth at the entrance less than 6 m; the coast is low, sandy and wooded; bottom sand	
Kalana lõugas	58°55.22'N 22°03.64'E	shallow	
Ristna lõugas	58°56.07'N 22°02.64'E	depth at the entrance less than 7 m; bottom sand	

Hazards

Bay	Hazard	Least depth (m)	Position N/E		Nav. aid	No	Notes
	wreck	unknown	58°31.23'	21°55.65'			
	wreck	unknown	58°30.77'	21°59.96'			
	wreck	unknown	58°29.95'	22°08.10'			
Tagalaht	marine farm - fish pen	unknown	58°27.56'	22°04.04'			least recommended distance 2.5 cables
Küdema laht	rock, cribwork	unknown	58°31.13'	22°18.31'			
	rock	above sea level	58°38.11'	22°29.29'			
	unnamed	1.8	58°38.92'	22°25.00'			
	unnamed	1.3	58°38.48'	22°27.39'			doubtful depth
	unnamed	0.4	58°38.51'	22°28.45'			
	wreck	unknown	58°38.98'	22°32.84'			
	Saaparahu	unknown	58°39.27'	22°32.32'			
	rock	above sea level	58°39.75'	22°30.19'			
	Raudrahu	0.4	58°39.86'	22°27.08'	W spar buoy	3117	Raudrahu grey seal MR (¹)
	wreck	unknown	58°40.50'	22°22.51'			
	rock	unknown	58°41.91'	22°25.44'			
	unnamed	1.2	58°42.86'	22°27.06'			
Vanamõisa laht bay-mouth	unnamed	0.7	58°43.96'	22°27.38'			
Haldi lõuka bay-mouth	rock	unknown	58°44.67'	22°28.32'			
Küla laht	wreck	unknown	58°46.47'	22°27.98'			
	unnamed	unknown	58°47.27'	22°22.68'			Klaasirahu grey seal MR (¹)
	unnamed	1.0	58°48.84'	22°24.50'			
	unnamed	2.9	58°50.29'	22°14.10'			
Mardihansu laht bay-mouth	Kaljurahu shoals	unknown	58°51.11'	22°20.62'			
Mardihansu laht	unnamed	unknown	58°48.74'	22°24.38'			
	rock	unknown	58°51.84'	22°17.16'			
	rock	unknown	58°52.51'	22°13.34'			
	obstruction	unknown	58°51.37'	22°00.58'			
	Kõpu spoil ground	unknown	58°55.44'	22°01.55'			
Ristna laugas	kivi	unknown	58°56.02'	22°02.49'			

(¹) - operating an engine powered watercraft at the speed exceeding 8 knots is prohibited, from 01.04 - 15.11 human presence within the limits of the special management zone 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
Küdema laht	Laidu	58°31.26'	22°16.77'	up to 3 m high; grass, junipers	Laidu saare MR ⁽²⁾
	Pihlalaaid	58°38.91'	22°32.64'	low; grass, bushes with clumps of trees in places	
⁽²⁾ - 01.04 - 30.60 human presence is prohibited					

Navigational aids

database of Estonian aids to navigation - https://nma.vta.ee/			
Island, inlet	Navigational aid	Nav. aid No	Notes
	Kõpu lighthouse	668/3746	
	Merise light beacon	913/3717	
	Panga light beacon	911/3717-5	
	Sõru Idg.l. front lighthouse	701/3721	
	Sõru Idg.l. rear lighthouse	702/3721-1	
	Emmaste Idg.l. rear light beacon	692/3720-1	
	Emmaste Idg.l. front lighthouse	691/3720	
	Haldreka daymark	690/-	
	Ristna lighthouse	673/3744	

Other marks

Island, inlet	Mark	Position N/E		Notes
	Undva communication mast, radar tower	58°30.88'	21°55.29'	aviation obstruction lights
	Lätiniidi communication mast	58°28.14'	22°00.20'	aviation obstruction lights
	Veere observation tower	58°28.02'	22°02.86'	
	Veere communication mast	58°27.69'	22°02.81'	
	Tagaranna observation tower	58°32.64'	22°12.27'	
	Panga communication mast	58°33.25'	22°18.71'	aviation obstruction lights
	Võhma communication mast	58°32.04'	22°21.42'	aviation obstruction lights
	Vanakubja communication masts (2 pcs)	58°28.40'	22°13.72'	aviation obstruction lights
	Mustjala church	58°27.74'	22°14.10'	
	Metsküla communication mast	58°34.33'	22°30.79'	aviation obstruction lights
	Emmaste communication mast	58°42.33'	22°35.02'	aviation obstruction lights
	Metsalauka communication masts (2 pcs)	58°43.16'	22°34.09'	aviation obstruction lights
	Pakulaiu observation tower	58°38.45'	22°32.28'	
	Haldi observation tower	58°48.42'	22°26.22'	
	Toobri-Haldi observation tower	58°48.60'	22°27.69'	
	Haldi communication mast	58°48.63'	22°28.66'	aviation obstruction lights
	Õngu communication mast	58°50.80'	22°27.66'	aviation obstruction lights
	Õngu communication mast	58°51.19'	22°27.37'	aviation obstruction lights
	Tuuletooma wind motor	58°53.20'	22°14.93'	
	Kõpu communication mast	58°54.28'	22°12.84'	aviation obstruction lights
	Kaleste communication mast	58°55.30'	22°06.61'	aviation obstruction lights
	Kalana observation tower	58°55.33'	22°02.89'	
	Ristna DGPS-mast	58°56.40'	22°03.12'	

Topography

C o a s t

between Undva nina and Pammanna poolsaar the beach is predominantly sandy, coast is wooded
coastal bank is 2–3 cables wide
bottom sand, in some places moraine
predominantly flat bottom

between Tohvri nina and Kõpu poolsaar the beach is sandy, coastal indentation with numerous rocky headlands
coastal bank is 4–7 cables wide, abundant underwater rocks
bottom predominantly sand and pebbles, at places clay and rocky boulder clay
dangerous shoals in abundance in water less than 10 m deep

Navigation restrictions

P r o h i b i t i o n s

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

F i s h i n g

fishing nets (unmarked) may occur close to nearshore shoals

Pilot service - transit traffic and harbours in Väinameri

pilotage is compulsory in Väinameri, except for small craft

Soela väin pilot boarding place 58°41'N 22°24'E

radio channel: VHF 12

call sign: Soela Loots

Anchorage

see bay description p 11

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

Veere sadam approach

Veere vanasadam approach

Navigation aids

Veere harbour pier light beacon (916/3716)

(PR) **Veere sadam** 58°27.70'N 22°03.03'E

(PR) **Veere vanasadam** 58°27.65'N 22°03.00'E

Communication channels

VHF 10 – Veere sadam only

Pilot service

pilotage is compulsory, except for small craft

boarding place 58°32.0'N 22°02.0'E

Restrictions

speed limit 3 knots

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

NNW and N winds with speed over 15 m/s

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)		
Veere sadam			35.0	20.0	3.5	fishing and small craft facilities	01.01 - 31.12
2	80.0	3.5				fishing	
3	73.0	3.4				fishing	
4	48.0	1.9				fishing	
5	32.0	2.3				fishing	
6	31.0	1.3				fishing	01.09 - 01.05
7	15.0	0.3				fishing	
Veere vanasadam			23.0	3.0	1.0	local harbour	01.01 - 31.12
1	74.0	0.5				fishing boats	

Facilities

Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
Veere sadam							
2		*	*	*		*	Wi-Fi
3		*	*	*		*	Wi-Fi
4		*	*	*		*	Wi-Fi
5		*	*	*		*	Wi-Fi
6		*				*	Wi-Fi
7		*				*	Wi-Fi
Veere vanasadam							
8							Wi-Fi

General (Veere sadam only)

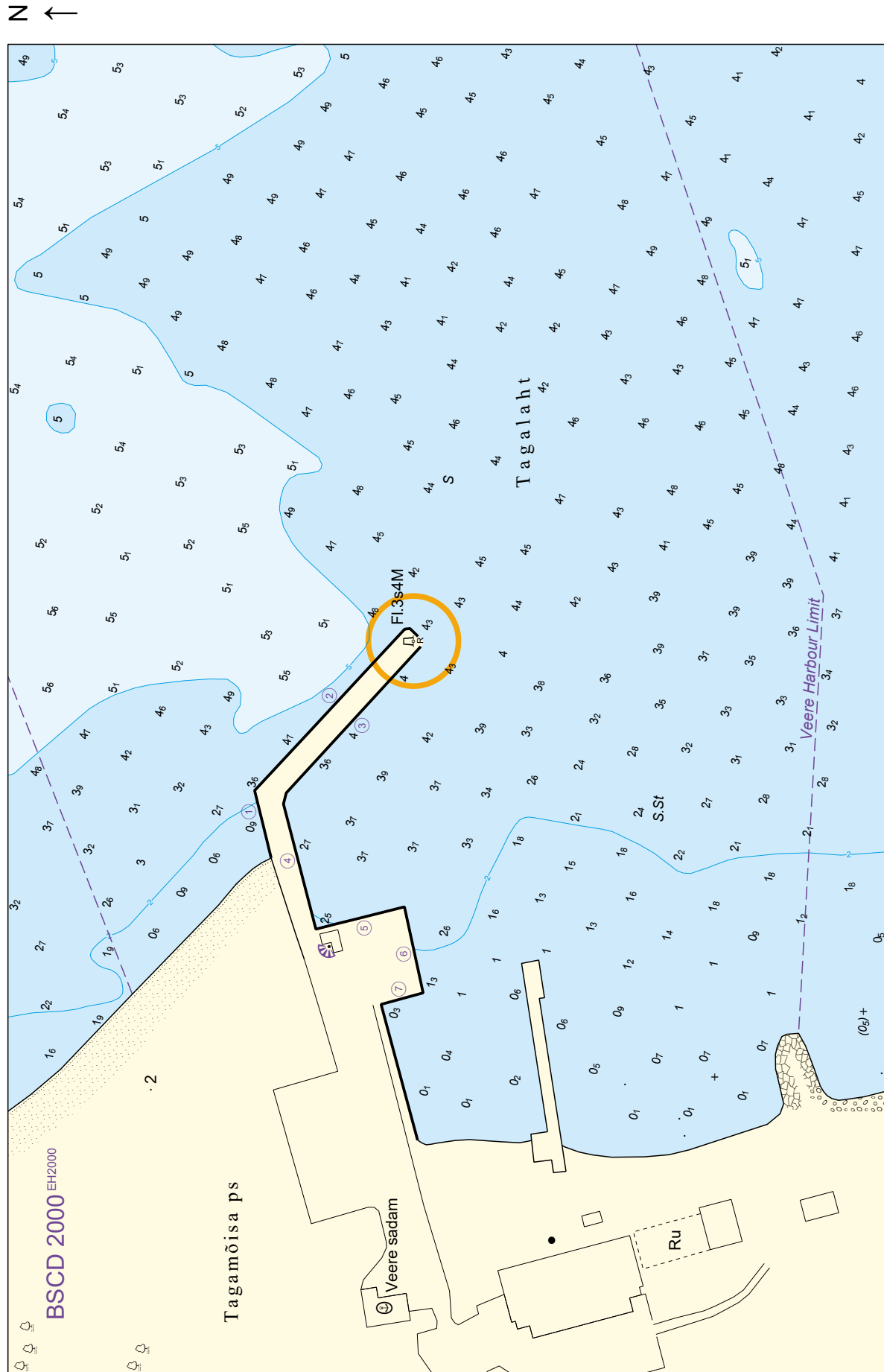
toll and border check 08.00 - 22.00 on request

phytopathological and veterinary inspection on request

garbage reception

shower, toilet, laundry

Veere sadam and Veere vanasadam (2020)



Veere sadam and Veere vanasadam (2012)



Kesknõmme Jahisadam 58°26.34'N 22°03.79'E (damaged, closed)

Kesknõmme Jahisadam (2012)



Rannaugu sadam approach (depths BSCD2000^{EH2000})

Channel

length 45.0 m

width 5.0 m

depth 0.3 m

(PR) **Rannaugu sadam** 58°32.73'N 22°13.16'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)		
			9.0	3.0	0.5	local harbour	01.03 - 30.11
1	7.0	1.0 - 1.4				small craft	
slip							
2	25.0	1.0 - 1.4				small craft	
3	13.0	1.0 - 1.4				small craft	
4	22.0	1.0 - 1.4				small craft	

Facilities

General

shower, toilet

Rannaaugu sadam (2015)



Saaremaa sadam approach**Navigation aids**

Saaremaa harbour pier light beacon (918/3717·3)

Saaremaa harbour pier light beacon (919/3717·4)

(PR) **Saaremaa sadam** 58°32.40'N 22°14.40'E (www.ts.ee/en/saaremaa-harbour/)**Communication channels**

VHF 14 — Tamme Raadio (on working days 09.00 - 16.00, local time)

Pilot service

pilotage is compulsory, except for small craft

boarding place Saaremaa 58°35'N 22°12'E

Restrictions

upon several vessels entering or leaving simultaneously the harbour master's office will determine the order of movement

regular liners shall have the priority right to enter or leave the port except upon delay or emergency situations

minimal speed, with which the ship maintains steering capability, is implemented

Mooring

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

pilotage is compulsory for remooring a vessel, except upon hauling a vessel with a length of up to 180 m within the distance of 100 m

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)		
			200.0	30.0	9.5	commercial shipping	15.05 - 15.10
1	200.0	9.8				cruise	
2	165.0	6.8				cruise	
3	80.0	2.8 - 6.8				support, small craft	
4	36.0	4.3 - 5.8				floating	15.05 - 30.09
slip							

Facilities

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

General

international freight

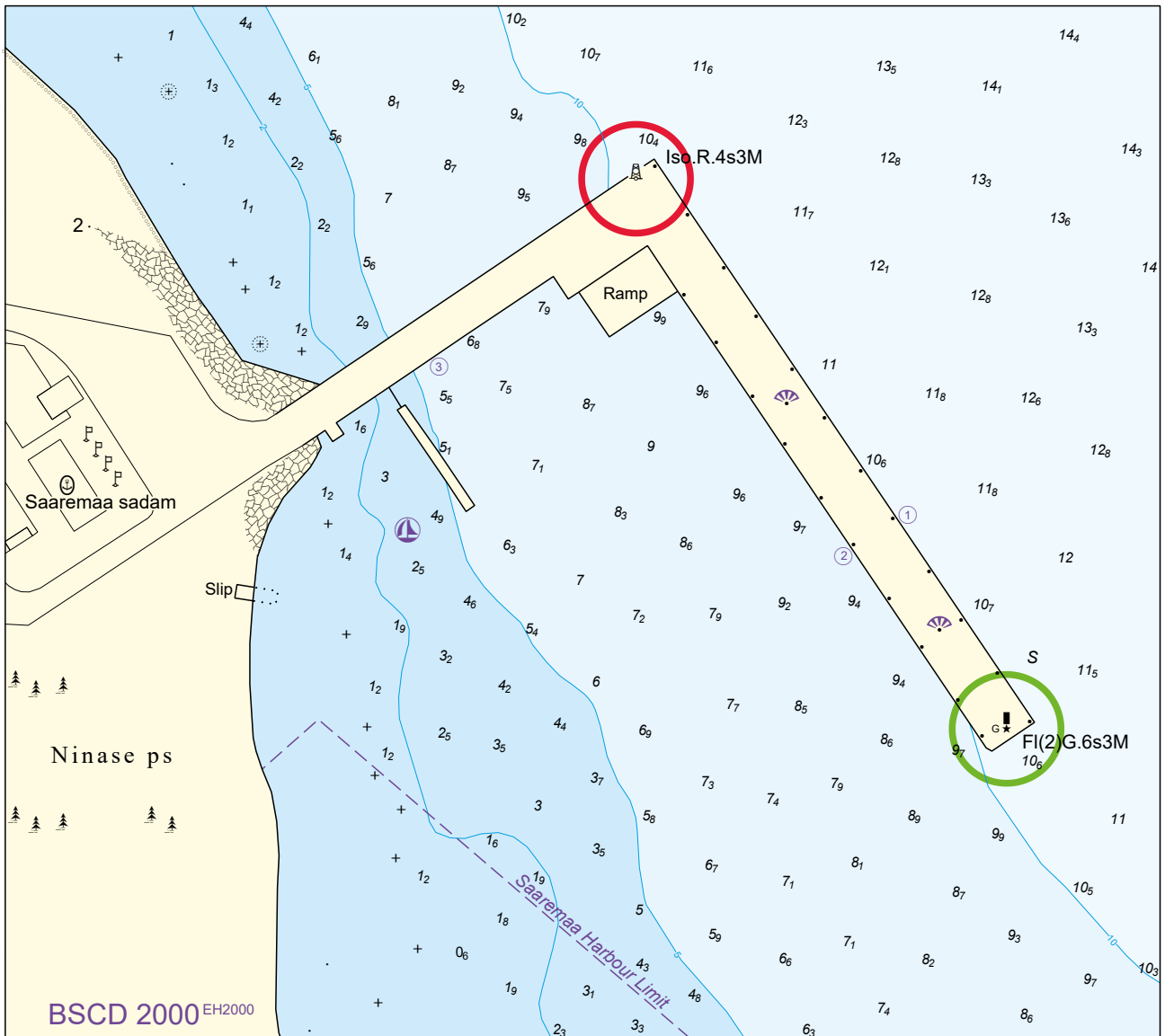
toll and border check on request

toilet, sauna

garbage reception

CCTV

Saaremaa sadam (2020)



Saaremaa sadam (2015)



aerial panorama - www.estonia360.ee/saaremaa_sadam/ (2012, winter)

Panga boat harbour 58°34.11'N 22°18.21'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Varese sadam approach (depths BSCD2000^{EH2000})

Channel

width 10.0 m

depth 2.3 m

(PR) **Varese sadam** 58°34.53'N 22°24.00'E (www.varesesadam.eu/en)

Restrictions

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

speed limit 3 knots

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)		
			23.9	5.0	2.0	small craft facilities	01.03 - 01.12
1	47.0	3.3				small craft	
slip							
2	18.0	1.3				small craft	
3	20.0	1.8				small craft	

Facilities

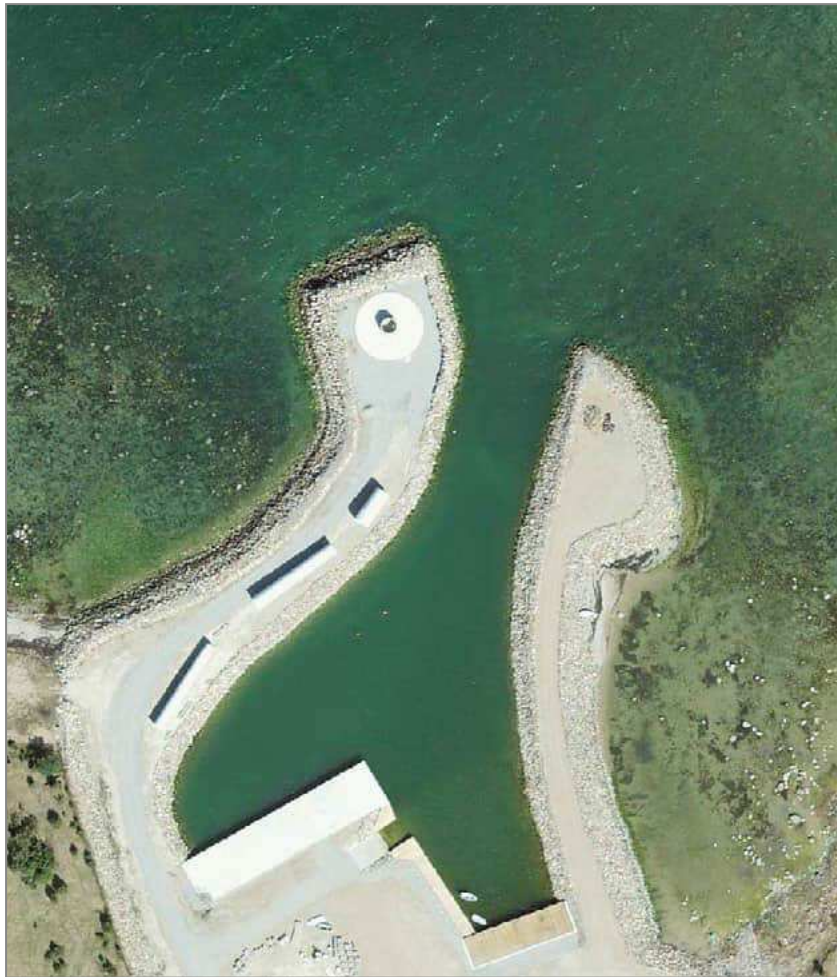
Quay No	Fuel	Fresh water	Pilge water	Sewage water	Pier crane	Electricity	Internet
1		*				*	Wi-Fi
slip							Wi-Fi
2		*				*	Wi-Fi
3		*				*	Wi-Fi

General

garbage reception

toilet

Varese sadam (2021)


Haldi sadam approach (depths BSCD2000^{EH2000})

Channel 40° (220°)
length 159.0 m
width 5.0 m
depth 0.8 m

(PR) **Haldi sadam** 58°48.39'N 22°26.80'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	3.0	0.8	local harbour	01.05 - 31.10
slip							
1	60.0	1.8				fishing boats	

Haldi sadam (2022)



Toobri-Haldi boat pier 58°48.62'N 22°27.66'E (private)

Approach

Restrictions

local knowledge required

Prohibitions

entrance on the permission of the harbour owner

Lautri harbour 58°54.94'N 22°05.37'E (under construction)

(PR) **Ristna Lõunasadam** 58°55.29'N 22°03.75'E (under reconstruction)

Kalana Jahisadam approach (depths BSCD2000^{EH2000})

Navigational aids

Kalana jahisadam Idg.I. 006.7° - 186.7°

Kalana jahisadam S mole light beacon, Idg.I. front (681/-)

Kalana jahisadam Idg.I. rear light beacon (682/-)

Channel

length

width 30.0 m

depth 2.8 m

lateral marks

(PR) **Kalana Jahisadam** 58°55.27'N 22°03.64'E (<https://hiiumaasadamad.ee/en/kalana/>)

Restrictions

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

speed limit 3 knots; no stern wave

Entering and leaving prohibitions

wind speed over 15 m/s

visibility under 50 m

Maneuver

remooing 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)		
			20.0	6.0	2.6	small craft facilities	01.05 - 30.09
1	20.0	3.0				service	
slip							
2	27.0	2.9				floating A	
3	24.0	3.0				floating B	
4	27.0	2.8				floating C	

Facilities

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

General

garbage reception

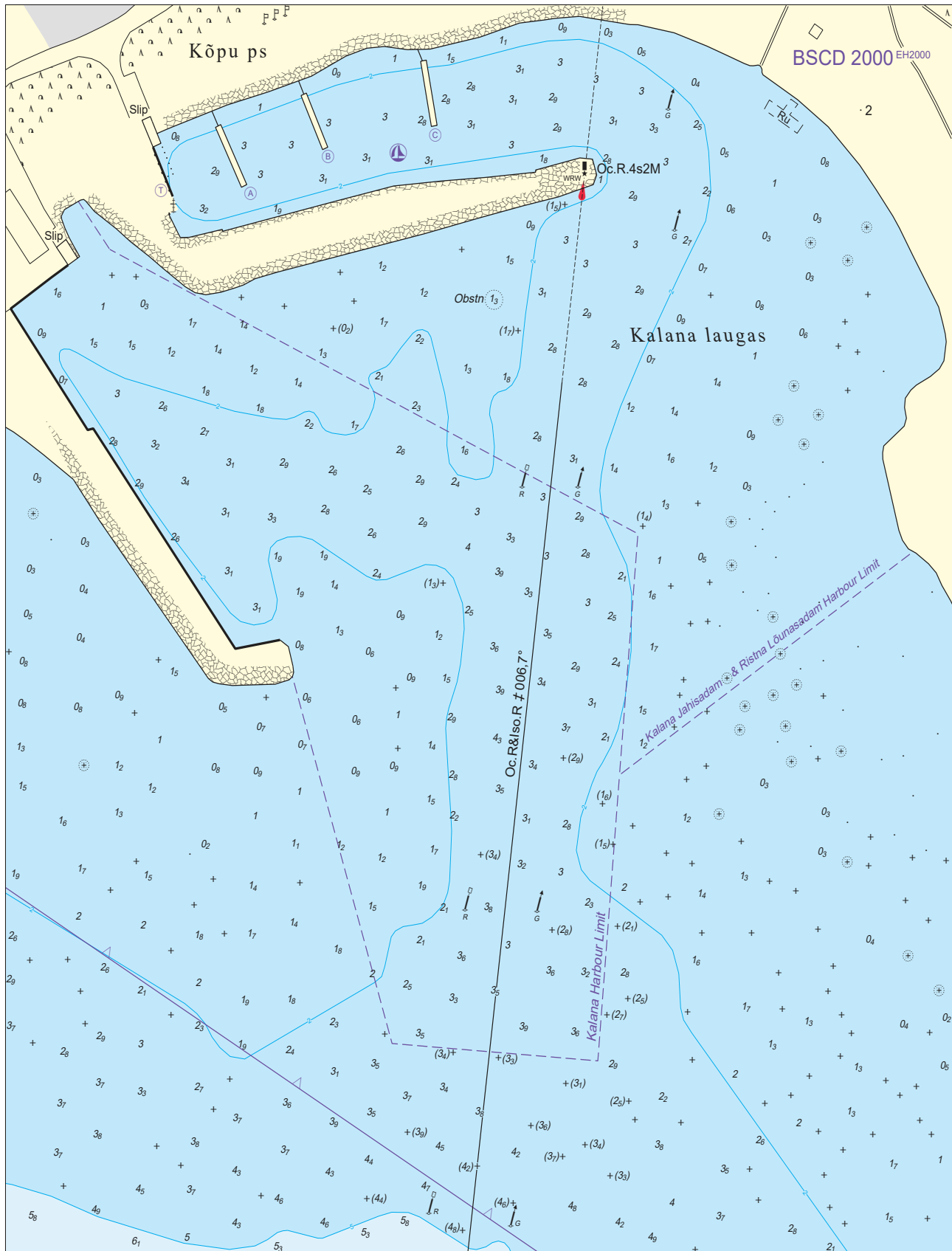
shower, toilet

(PR) **Kalana sadam** 58°55.26'N 22°03.39'E

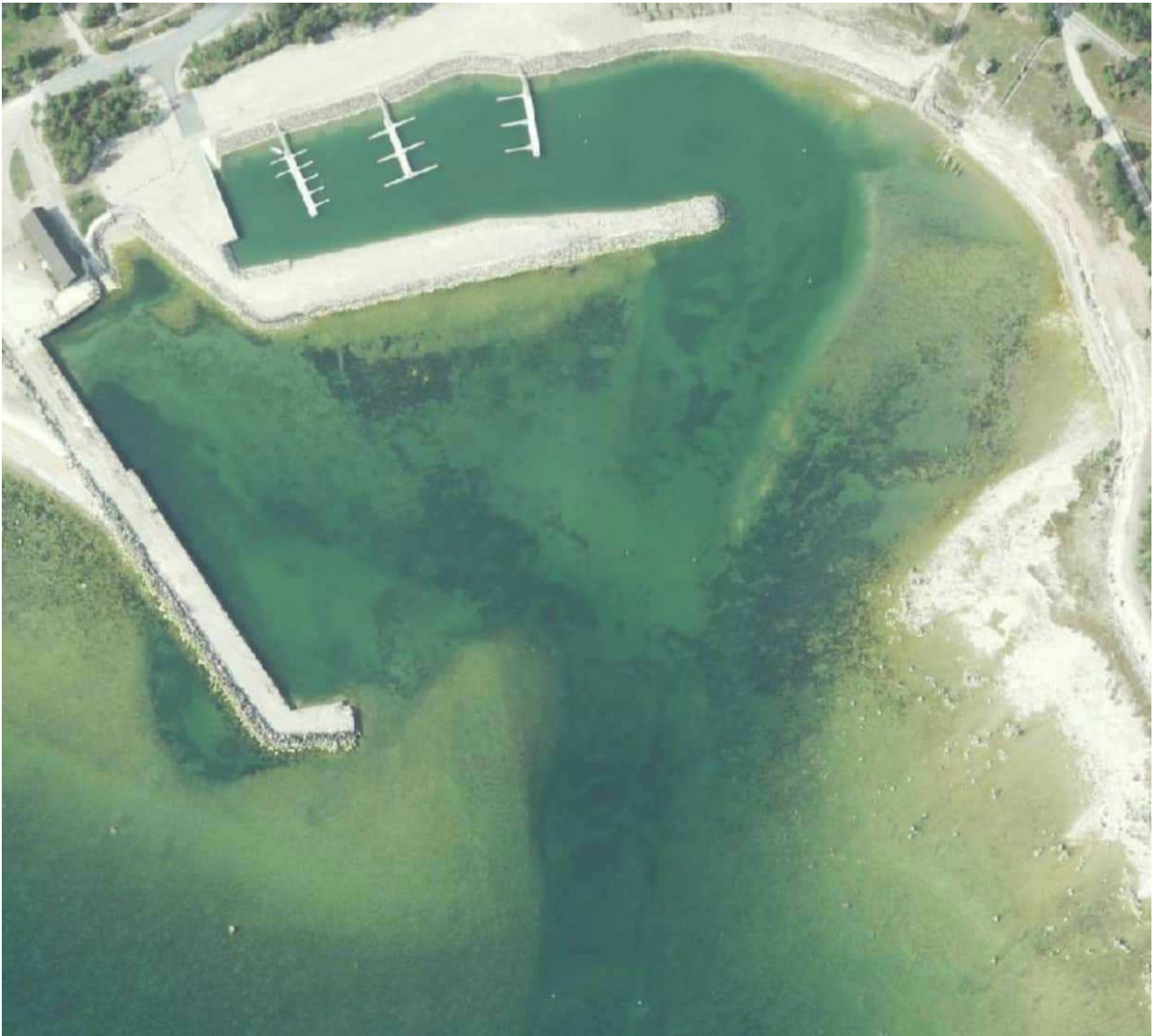
Mooring (depths BSCD2000^{EH2000})

Harbour/ quay No	Quay length (m)	Depth (m)	Vessel maximum size			Harbour/ quay function	Navigation period
			Length (m)	Width (m)	Draught (m)		
			7.0	2.0	0.5	local harbour	15.05 - 15.09
1(*)	200.0	1.0				small craft	
slip							
(*) - mooring at sailors own risk							

Kalana sadam, Kalana Jahisadam and Ristna Lõunasadam (2024)



Kalana sadam, Kalana Jahisadam and Ristna Lõunasadam (2024)



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

FLOATING AIDS

SYMBOLS

Cardinal marks

UNLIT MARKS	LIGHTED MARKS
Topmark (if any): 2 black cones	White light Time (seconds) 0 5 10 15 Period shown N mark Q E mark Q(3)10s S mark Q(6)+LFI.15s W mark Q(9)15s 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



LFI.10s or
Mo(A)

white light

Special marks not primarily to assist navigation but to indicate special features

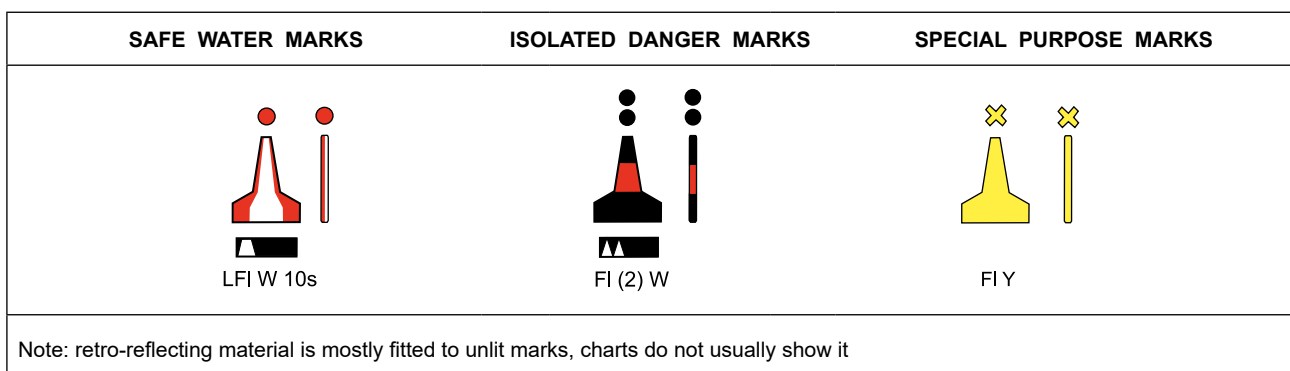
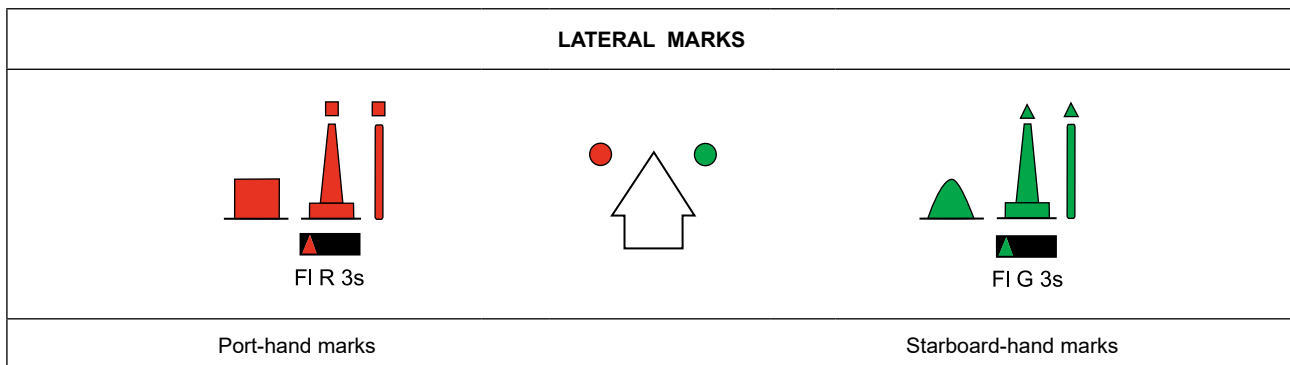
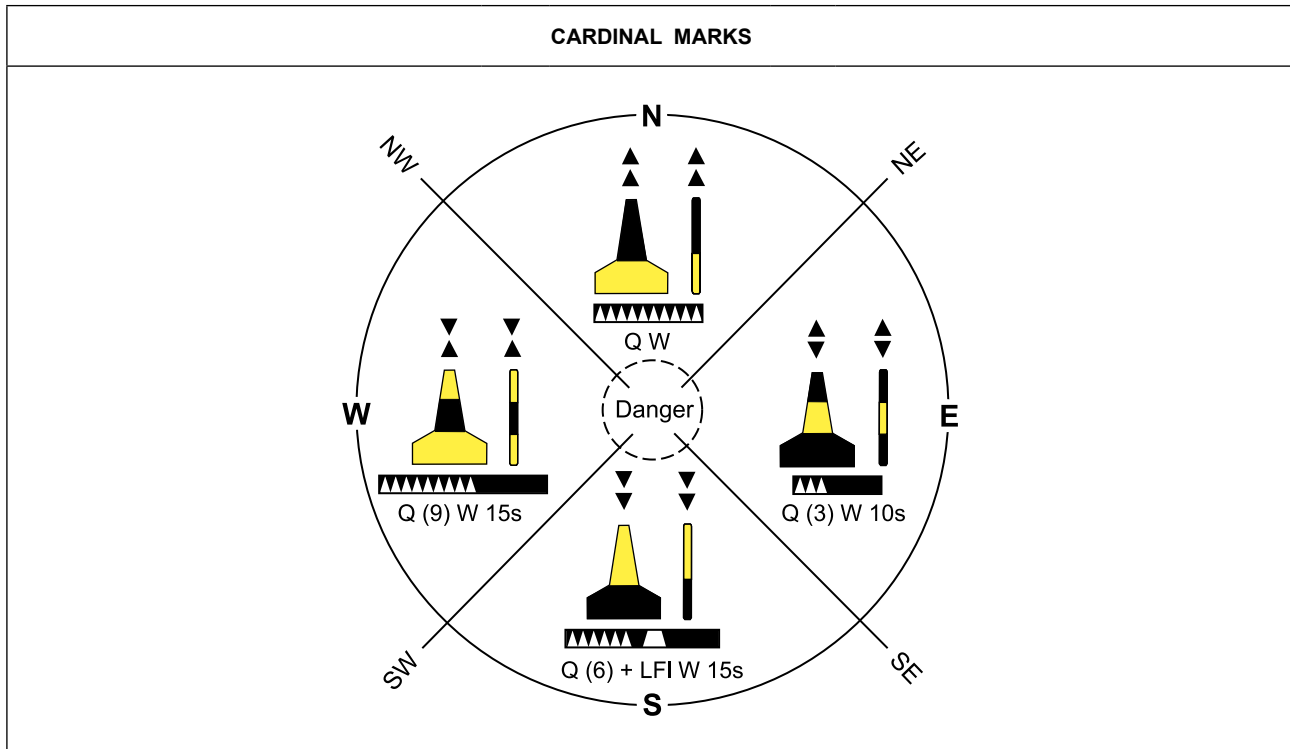
Body: yellow
Topmark (if any): yellow x



Fl.Y

yellow light

COLOUR SCHEME



ESTONIAN MARITIME COMMUNICATION

Tallinn Radio

MMSI

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+3726991170

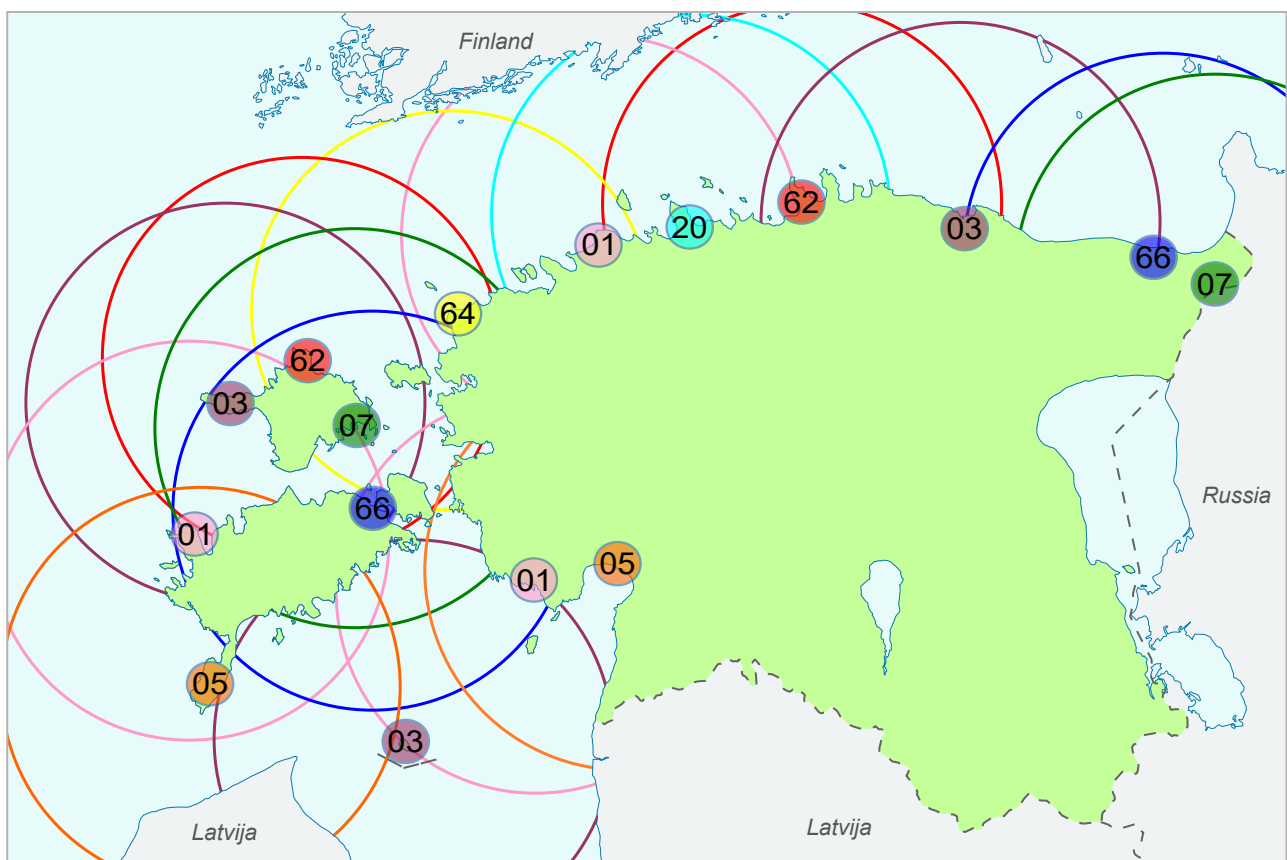
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scheme of the base stations



○ - Tallinn Radio base stations and VHF duplex working channels