

FAIRWAY DATA

Alignment and buoyage: The fairway starts at open sea S of Maakalla. The fairway leads to the port of Kalajoki SW of Kalajoki. Length approx. 11 km / 6 nautical miles. 5 lines, marked with boards, edge mark, buoys, spar buoys in combined use. In the beginning of the fairway is a S-buoy. Lateral marking. Lit.

Dimensions: Design ship: dry bulk carrier L = 175 m, B = 30 m, T = 8,5 m. Total length 180 m, Design draft 8.5 m. Safe clearance depth in the fairway, outer section -10,3 m, inner section -9,8 m, in the harbour basin -9,3 m and front of the quays -8,9 m. Minimum width 98 m. Design speed in the approach 11 knots, in the entrance 8 knots, in the harbour area 4 knots.

Note. Depth information reference level is N2000 (Baltic Sea Chart Datum 2000 / BSCD2000).

<https://www.traficom.fi/en/transport/maritime/n2000-fairway-and-nautical-chart-reform-improved>

Anchorage and other special areas: -

NAVIGABILITY

Navigational conditions:

The fairway is open sea area and unsheltered against all winds from sea to the harbour. Strong wind affects the navigation on the entire fairway and in the harbour. The inner fairway (1,5 km) has been dredged and is unsheltered for N-NE winds. Especially N and NE winds can create waves also in the harbour basin. Narrow fairway, winds, harbour basin features and squat-effect can affect on navigation and maneuvering of the ship.

Ice conditions:

During normal winters, from mid of December to end of April the fast ice edge extends from harbour to edge mark Roima. Ice fields are in motion from Roima to Kaarlo buoy, layers of ice builds in the fairway. Ice movement may cause buoys and spar buoys to be pressed under ice (surface).

During mild winters ice may be pressed outside of the harbour and even into the harbour basin and affecting maneuvering of the ship.

OPERATIONAL RECOMMENDATIONS

Wind: Critical wind speed 8-10 m/s for ships over 150 m, irrespective of wind direction during the open sea period. Ships approaching from sea to the harbour, NV and NE winds can affect on keeping up speed and direction of the ship.

Wind gauges: Marine weather observations: Kokkola Tankar, Kalajoki Ulkokalla, Raahe Nahkiainen.

Sea level: Raahe mareograph.

TRAFFIC SERVICE

Pilotage: E-mail pilotorder.west@finnpilot.fi. Order a pilot: www.pilotonline.fi Tel. +358 (0) 400 907 979, fax +358 (0) 29 52 53012. Pilot boarding position Kalajoki: 64° 15,50' N , 23° 30,00' E. Pilotage distance 6,5 nautical miles (12 km) to harbour. NB: In winter and adverse weather conditions the pilot boarding position is agreed separately.

VTS: Bothnia VTS, VHF Channel 67. Tel. +358 (0) 20 448 7356. Email: bothnia.vts@fintraffic.fi

Tugs: Rahjan Huolinta Oy, order tel. 0400 667 847 (24 h), R-Towing Oy, tel. 0400 382 652 (24h), Oy Yxpila Hinaus – Bogsering Ab, p. 010 219 0750 (24).

PORT

Quays: Quays total length 538 m, safe clearance depth -8,9 m, quay 1 length 154 m, safe clearance depth -6,3 m, quay 2 safe clearance depth -8,9 m, quay 3 safe clearance depth -8,9 m, -9,2 m, quays 2 and 3 total length 383 m.

Cargo handling:

Blomberg Stevedoring

Rahjan Huolinta

Harbour basin: In front of quay is a turning circle with diameter of about 225 m, turning requires that no ships are at the quay.

CONTACT

Port of Kalajoki	fax +358 8 465 311
Port Director Petri Nikupeteri	tel. +358 44 4691 358
ISPS and Port Service (24h)	tel. +358 400 798 698



Välimatala

Kaakkurinmatala

Vihaspauha



Pilot
Kalajoki

Kaarlo

Sc = - 10,3 m

Roima

Sc = - 10,3 m

Sc = - 9,8 m

Länsikallio

Lepänen

Äijänkallio

Keskuskari

Harbour area / border

PORT OF
KALAJOKI

Vesipauha

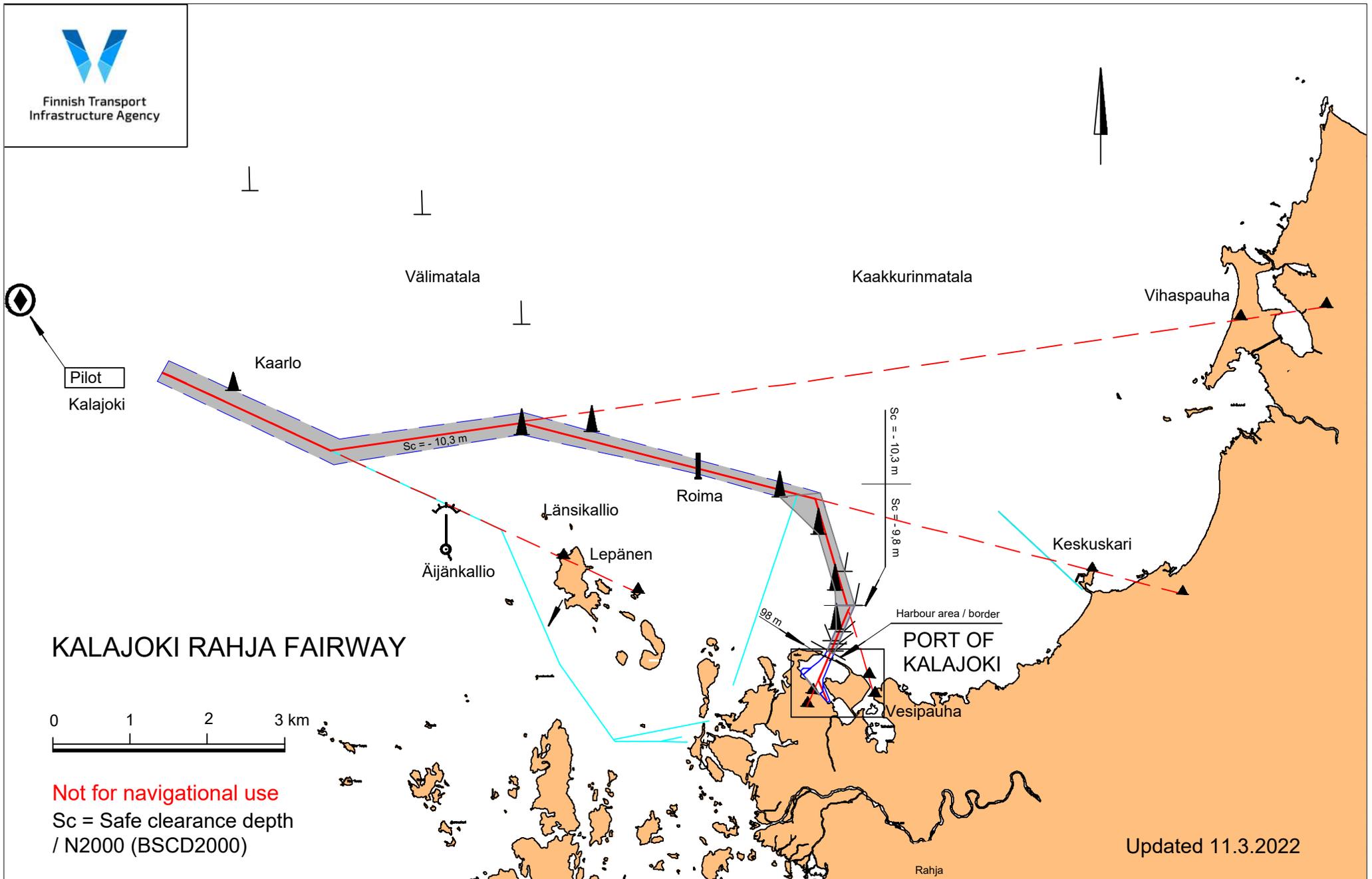
KALAJOKI RAHJA FAIRWAY



Not for navigational use
Sc = Safe clearance depth
/ N2000 (BSCD2000)

Updated 11.3.2022

Rahja





Finnish Transport
Infrastructure Agency

Kainu

98 m

Sc = -9,8

Sc = -9,3

Harbour area / border

Sc = -9,2

Sc = -9,3

Quay 3

Sc = -8,9

VESIPAUHA

Quay 2

Sc = -6,3

PORT OF KALAJOKI

0 200m

Quay 1

Not for navigational use

Sc = Safe clearance depth / N2000 (BSCD2000)

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