

CHANNEL DATA

Alignment and buoyage: Kalajoki 8,5 m deep fairway starts at open sea S of Maakalla. The channel leads to the Kalajoki harbour 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. Maximum authorised draught 8,5 m, safe clearance depth (MW2000) in the channel, outer section -10,5 m, inner section -10,0 m, in the harbour basin -9,5 m and front of the quays -9,1 m. Minimum width 98 m. The inner part of fairway recommended speed 5-8 knots.

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 channel (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 channel, winds, harbour basin features and squat effect can affect on navigation and maneuvering of the ship.

Ice conditions:

During normal winters, from mid 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 channel. 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](mailto:pilotorder.west@finnpilot.fi). Order form [www.pilotorder.fi](http://www.pilotorder.fi). Tel. +358 (0) 400 907 979, fax +358 (0) 29 52 53012. Pilot boarding position Kalajoki: 64° 16,00' 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 20 448 7356.

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

PORT

Quays: *Quays total length* 422 m. safe clearance depth -9,1 m, quay 1 length 154 m, safe clearance depth -6,5 m, quay 2 safe clearance depth -9,1 m, quay 3 safe clearance depth -9,5 m, quays 2 and 3 total length 268 m.

Cargo handling:  
Blomberg Stevedoring  
Rahjan Huolinta

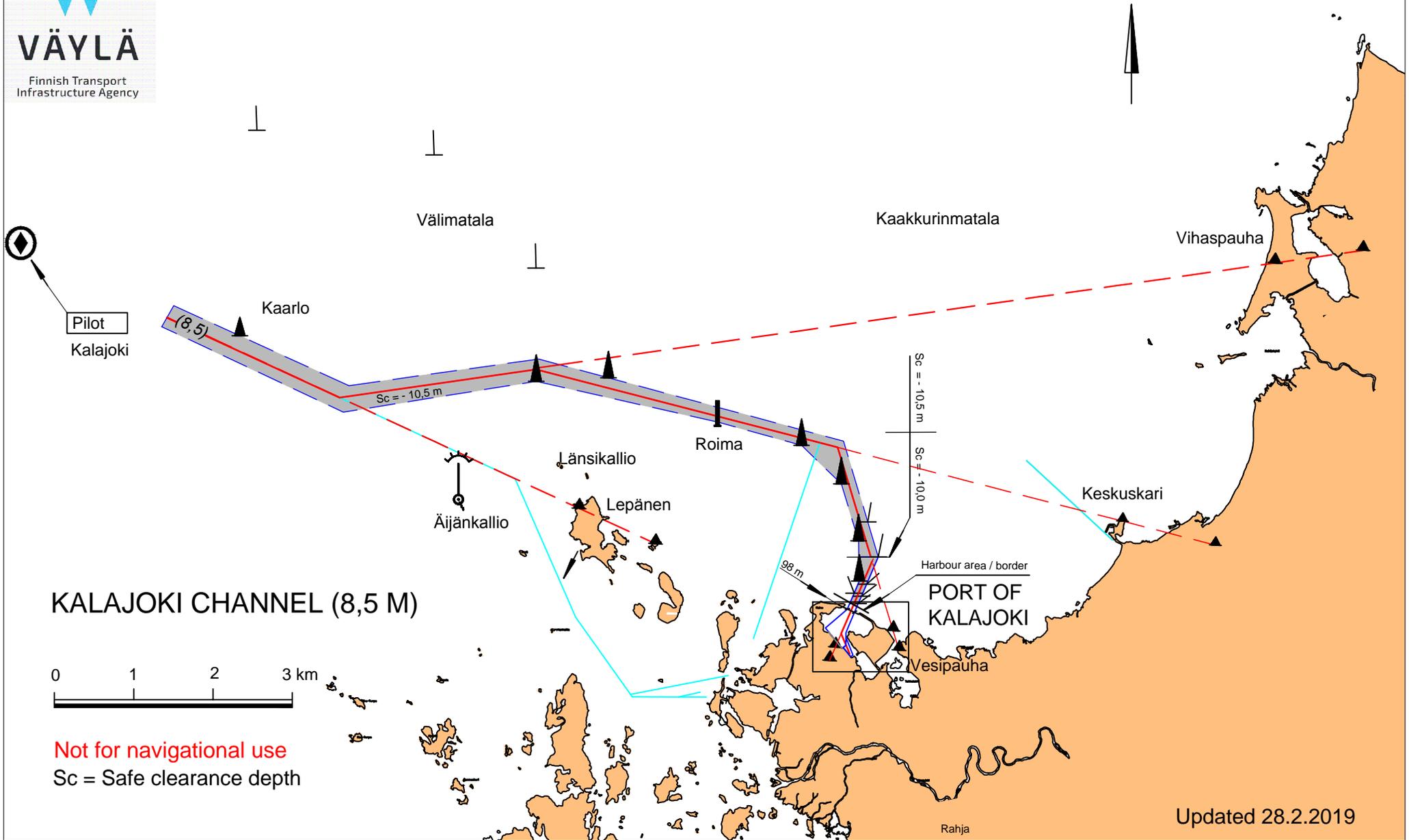
Harbour basin: In front of quay is a turning basin with diameter of circa 225 m, turning requires that no ships are at the quay.

CONTACT

Port of Kalajoki  
Port Director Pauli Sarpola  
ISPS and Port Service (24h)  
VTS Contacts

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**KALAJOKI CHANNEL (8,5 M)**

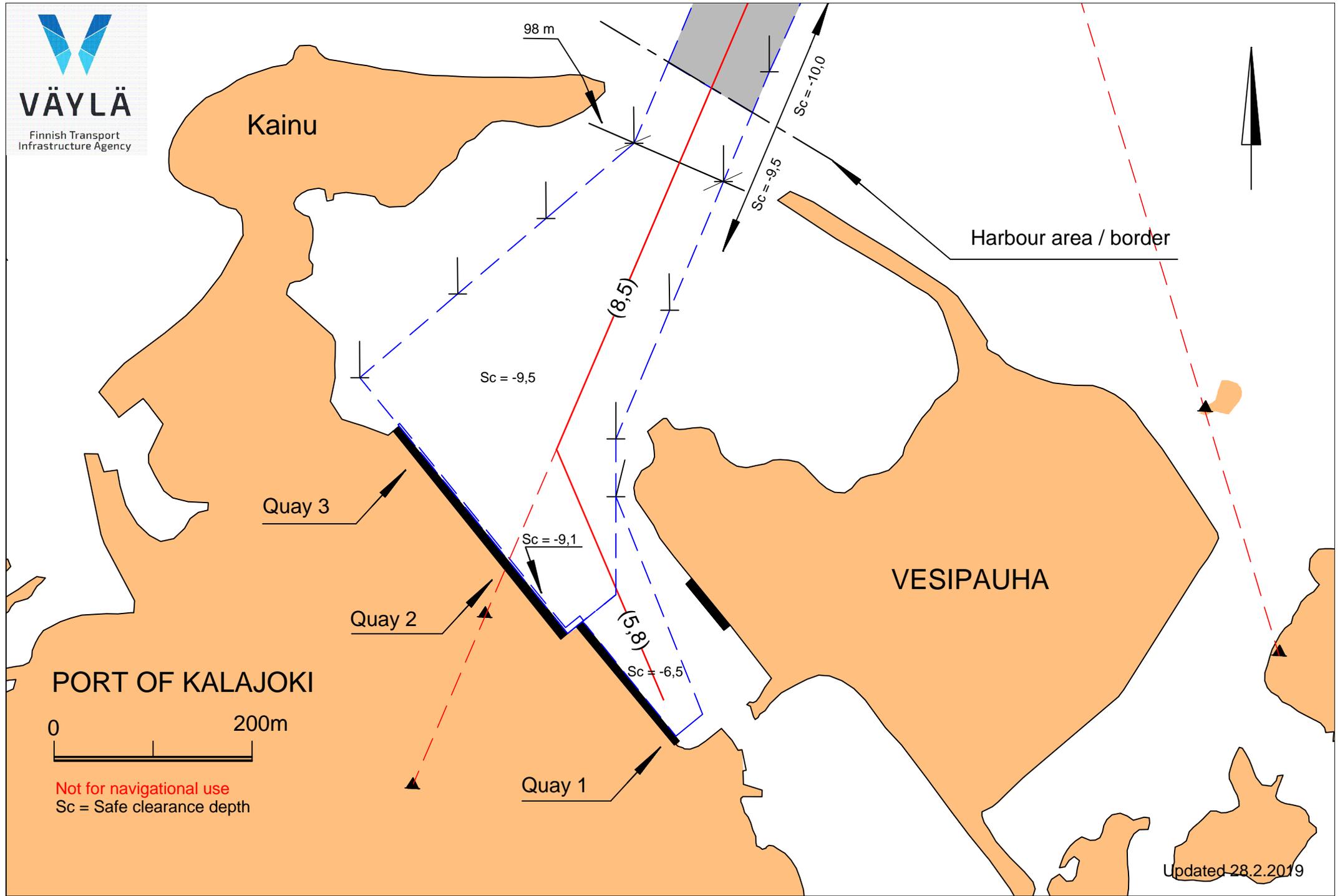


Not for navigational use  
Sc = Safe clearance depth



VÄYLÄ

Finnish Transport Infrastructure Agency



PORT OF KALAJOKI



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