

CHANNEL DATA

Alignment and buoyage: From W of Kristiinankaupunki Lighthouse to the port of Karhusaari (Björnön). Length approx. 11 km/6 nautical miles. Two lines marked with boards. Lateral marks. Lit.

Dimensions: Design ship: dry bulk carrier L = 210 m, B = 31 m, T = -12.0 m. Maximum authorised draught -12,0 m, safe clearance depth (MW2000) in the channel -14,2 m, in the harbour basin -13,5 m. Minimum width 160 m, turning circle 2000 m. Design speed 14,5 knots.

Areas with meeting and overtaking prohibitions: The channel has one permanent area of meeting and overtaking prohibitions, look closer to West Coast VTS Master´s Guide <https://tmfg.fi/en/vts/masters-guide>

Anchorage and other special areas:

NAVIGABILITY

Navigational conditions: The channel is unsheltered as far as the roadstead. Especially S-W-N winds may create heavy seas.

Ice conditions: In winter ice fields are in motion in the channel as far as the breakwater. Ice movement may cause buoys and spar buoys to be pressed under ice (surface). In cold winters the fast ice edge extends far out to sea.

OPERATIONAL RECOMMENDATIONS

Wind: Ship-specific recommendations; wind speeds exceeding 10 m/s make navigation more difficult.

Wind gauges: Marine weather observations: Kristiinankaupunki lighthouse, Kristiinankaupunki Karhusaari.

Sea level: Kaskinen mareograph.

TRAFFIC SERVICE

Pilotage: E-mail pilotorder.west@finnpilot.fi. Order form www.pilotorder.fi. Tel. +358 (0) 400 907 979, fax +358 (0) 29 52 53012. Pilot boarding position Kristiinankaupunki 62°11,48' N, 21°06,08' E. Pilotage distance 7,3 nautical miles.

NB. Pilot boarding position to be agreed upon in winter and in adverse weather conditions.

VTS: West Coast VTS, VHF Channel 9. Tel. +358 204 48 6645.

E-mail: westcoast.vts@vtsfinland.fi

Tugs: Privately operated tugboats, commissioned by the ship's agent.

PORT

Quays: *Deep harbour*: coal pier, length 160 m, safe clearance depth -13,5 m; *Inner harbour*: oil pier, length 50 m, safe clearance depth -11,5 m.

Cargo handling: Cranes, belt conveyor

Harbour basin: Swinging area, diameter 500 m, use of anchor permitted

Contact Information: Karhusaari Harbour, Kristiinankaupunki

Managing Direktor Petri Hurri tel. +358 (0)503133231

(Pohjolan Voima Oy)

Heli Nevala

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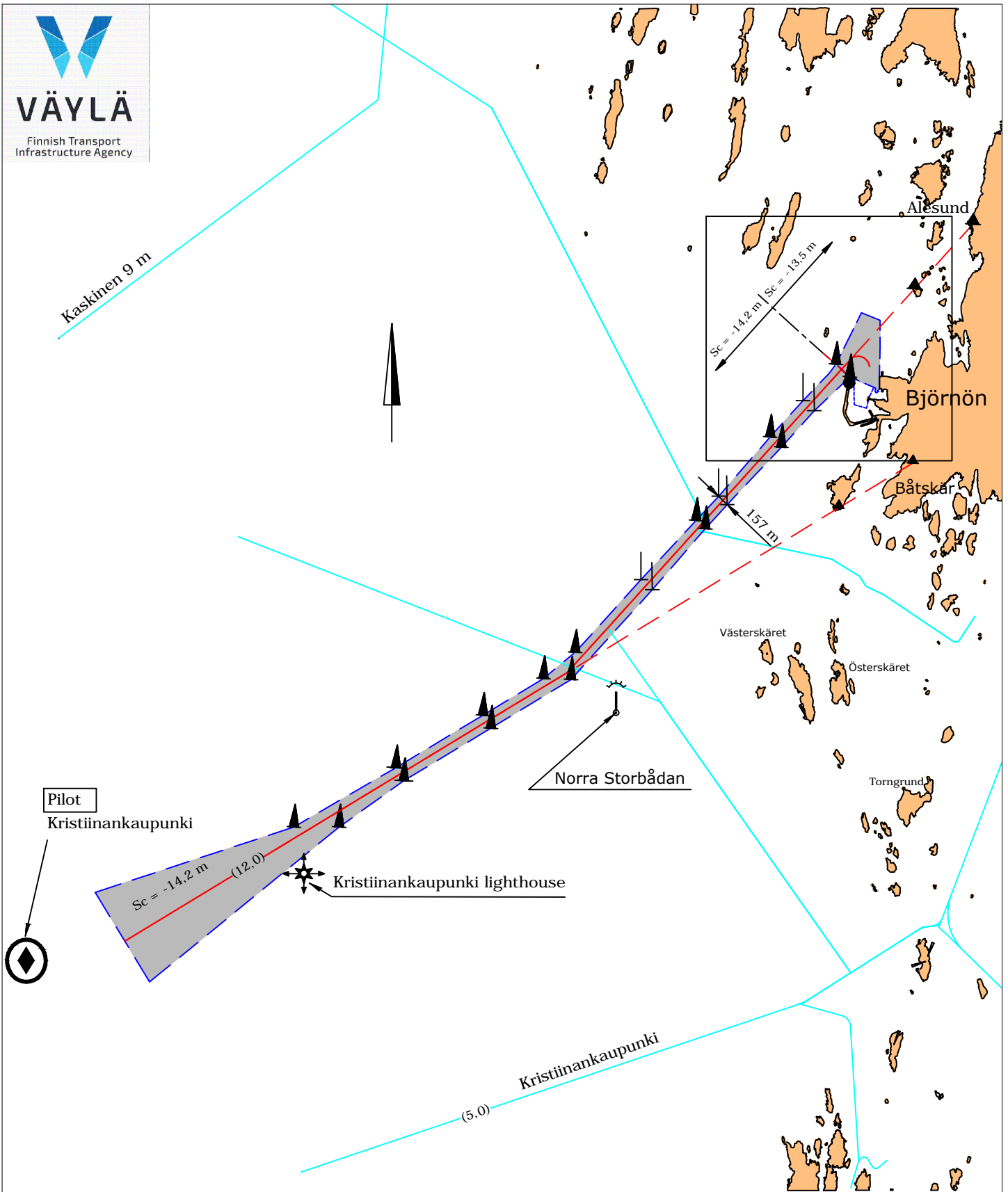
(Pohjolan Voima Oy)

Power plant: PVO-Lämpövoima Oy

Kristiinan voimalaitos: tel. 06 337 5600

fax 06 337 5622

control tel. 06 337 5631

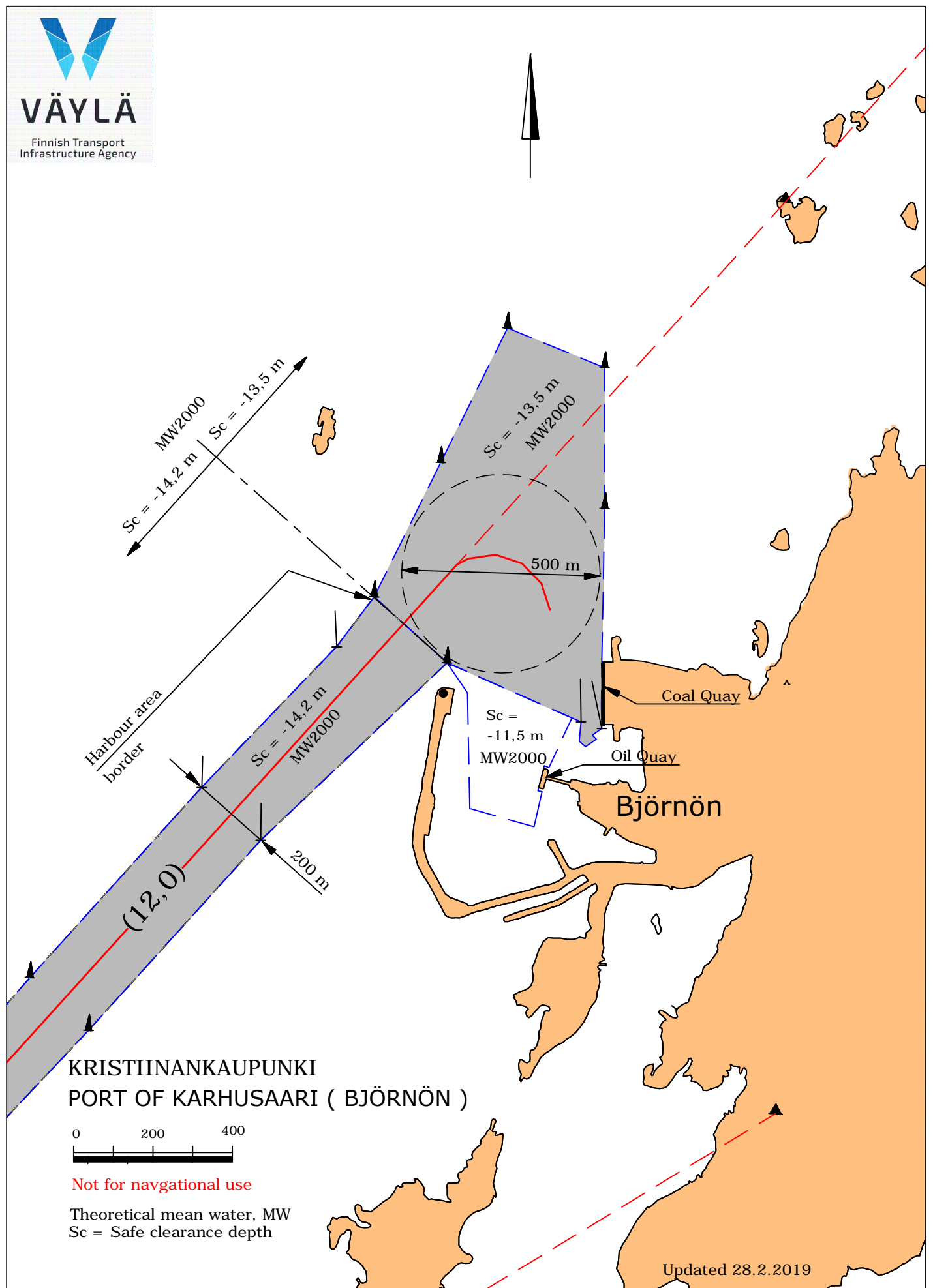


KRISTIINANKAUPUNKI CHANNEL (12M)

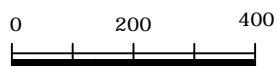


Not for navigational use
Sc = Safe clearance depth

Updated 28.2.2019



**KRISTIINANKAUPUNKI
PORT OF KARHUSAARI (BJÖRNÖN)**



Not for navigational use

Theoretical mean water, MW
Sc = Safe clearance depth

Updated 28.2.2019