



RAUMA CHANNEL (10.0 M)

CHANNEL DATA

Alignment and buoyage: V of Rauma Lighthouse – port. Four lines. Length approx. 26 km/14 nautical miles. Lateral marks. Lit.

Dimensions: Design ship: Ro-Ro ship, L = 210 m, B = 30 m, T = 10.0 m. Maximum authorised draught 10.0 m, safe clearance depth (MW95) in the outer channel -12.0 m, in the inner channel -11.5 m. Minimum width 120 m, in the passage of Kovankivet 160 m; minimum bend radius 1000 m; design speed in dredged passages 12 knots.

Anchorage and other special areas: In the outer channel, anchorage W of Rauma Lighthouse; beware of cable S of lighthouse. In the inner channel, anchorage and passage either in the widened area N of Rihtniemi or SW of Iso Järviluoto, approx. 1.5 km before arrival into port.

NAVIGABILITY

Navigational conditions: The outer channel to Rihtniemi is unsheltered and open to S-W-N winds. From Rihtniemi on, the channel continues as a narrow and densely marked channel, sheltered by isles, islands and mainland. Cross currents, which make the manoeuvring of large vessels more difficult, may occur when navigating the Urmluoto line in the passage of Kovankivet. Strong side winds also aggravate the side drift.

Ice conditions: In winter ice fields tend to move in the channel, outside Hylkikarta. Ice movement may cause buoys to be pressed beneath the surface and their lighting devices may be damaged.

OPERATIONAL RECOMMENDATIONS (channel and harbour)

Wind: Max. speed of drifting wind gusts 18 m/s in daytime and 15 m/s at night. Limits lower for Ro-Ro ships and ships in ballast. Max. wind gusts 11 m/s for ships in ballast, larger than the design ship. Drifting wind means a wind which differs from the Urmluoto line by more than 30°. Pilotage is discontinued when the wind speed exceeds 20 m/s.

Visibility: The Urmluoto lines should be visible at night.

Ship-specific recommendations: Vessels larger than the design ship and vessels with poor manoeuvrability are piloted only in daytime.

New authorised channel draught practice applied in the channel as from July 15th, 2005 (NtM 17/2005, 20.6.2005).

TRAFFIC SERVICE

Pilotage: Pilot order, tel. +358 204 48 6645. Pilot boarding position 61°07,5', 21°10,4'. Pilotage distance 10 nautical miles.

VTS: West Coast VTS, Channel 67

PORT

Quays: *Petäjäs:* length 445 m, safe clearance depth -11.0 m; *Iso-Hakuni:* 6 berths alongside/Ro-Ro berths, safe clearance depth -11.0 m; *Oil harbour:* safe clearance depth -9.15 m; *Central harbour:* length 665 m, Ro-Ro berth, safe clearance depth -6.70..-7.30 m; *Laitsaari:* length 246 m, safe clearance depth -9.05 m; *Inner harbour:* 2 chemical piers, safe clearance depth -5.10..-7.05 m.

Cargo handling: *Petäjäs:* cranes 40 t, 45 t and 16 t, pneumatic grain suction device; *Iso-Hakuni:* cranes and reach stackers; *Oil harbour:* piping, pumping power 1000 t; *Central harbour:* crane 6 t. Vehicle-mounted cranes (50 and 100 t) used in all parts of the port.

CONTACT INFORMATION

VTS: West Coast VTS, Pori

Tel. +358 204 48 6645 Fax +358 204 48 6646

Port: Port of Rauma, Rauma

Tel. +358 2 83 44 710 Fax +358 2 822 63 69
Port Director Hannu Asumalahti



