



RAUTARUUKKI, STEEL AND BARGES

Pusher	Built	IMO	Call sign	Flag
Rautaruukki	1986	8418174	OJHM	Finland
Steel	1987	8503503	OIVR	Finland

Barge	Built	IMO	Call sign	Flag
Board	1987	8636752	-	Finland
Botnia	1897	8636764	-	Finland
Kalla	1986	8637299	-	Sweden
Tasku	1986	8638466	-	Sweden

MAIN PARTICULARS

Shipyard, pushers	Hollming Oy, Finland
Shipyard, barges	Setenave, Est. Nav. de Setubal, S.A.R.L., Portugal
Classification	DNV 1A1 Pusher and pusher/barge unit E0 Ice(1A*)
Ice class	1A Super
Gross tonnage	Rautaruukki: 1,554 Steel: 1,562 Barges: 9,066
Net tonnage	Rautaruukki: 467 Steel: 469 Barges: 2,720
Length over all	Pusher: 41.7 m Barges: 159.1 m Pusher-barge combination: 166.60 m
LBPP combined	162.10 m
Breadth	Barge: 27.20 m Pusher: 15.55 m
Depth to main deck	10.00 m
Draft	Barge only: 6.85 m SSW Pusher when barge laden: 7.15 m SSW
Airdraft from keel	37.90 m
TPC	33.50 mt (barge)

CAPACITY

DWT	Pusher: 445 Barge: 14,002
Cubic capacity	16,786 m ³ / 592,881 cbft
Container intake	no

HOLDS

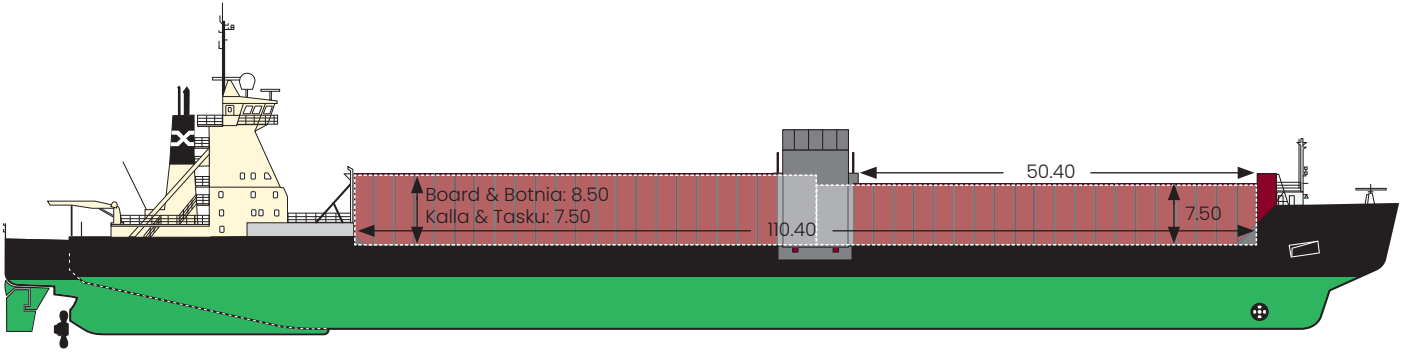
Holds	1 open cargo hold
Hold #1 dimensions	110.40 x 24.20 x 8.50-7.50* metres 21,952 m ³ / 775,228 cbft *Height of coamings aft from the ramp vary as follows: Botnia and Board 8.50 m, Kalla and Tasku 7.50 m.
Ramp	One ramp on each side of the barge Length 9.5 m, breadth 6.8 m If ramp is used, max height of quay is 2.40 m
Bulkheads	no
Tweendeck	no
Tanktop strength	20.30 mt/m ²

MACHINERY

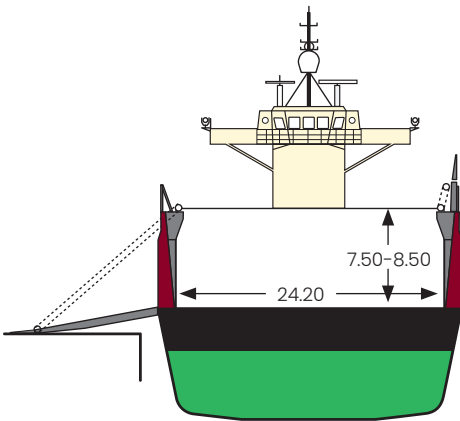
Main engine	2 x Wärtsilä-Sulzer, 3,840 kW each
Auxiliary engines	2 x Wärtsilä-Vasa 4R22HF, 590 kW each
Bow thruster	680 kW (barge)

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HOLD DIMENSIONS



CROSS SECTION



All details are given in good faith, without guarantee and can vary on the individual vessels. Drawings are for illustrative purposes only.