

Basic data

Vessel's type	Freezer trawler
Built	1995 (Norway)
Class. society	RMRS
Ice class	L2



General characteristics

LOA	56,40 m
Beam	11,90 m
Depth	7,40 m
Draft (summer mark)	5,46 m
Tonnage (GT / NT)	1.448 / 546
Deadweight	782 tn
Speed	13 kn
Fuel type	MDO
Endurance	40 days
Crew, accommodation	38 men

Engine room

Main engine	Wärtsilä Vasa 6R32D / 2.220 kWt / 720 rpm
Reduction gear	Wichmann EVC 750-2/P500
Propeller	CPP / 4 blades / dia 3.500 mm.
Steering gear	Tenfjord 1-12M260 / electric-hydraulic
Rudder	Heinz Hinze S2200 F
Auxiliary engine	2x Wärtsilä UD23V12S40D / 803 kWt each @ 1.800 rpm
Generator	2x Leroy Sommer LSA 50 S3 4P / 680 kWt each
Shaft generator	Stamford PM734E2 / 1.200 kWt
Bow thruster	Brunvoll FU-45-LTC-1225 / 250 kWt
Combined steam boiler	PYRO A600 500 300/1470-180-57-1500
Evaporator	Atlas Danmark AFGU 1-E-10 / 10 tn/day

Fishing and deck equipment

Trawling complex	Rapp Hydema / high pressure hydraulic
Wire winch	2x TWS-7531G37,40 / 35 tn / wire cap. 3.540 m / wire dia. 28 mm
Cable winch	4x SW-3500-13,2
Outhaul winch	1x GWB-2000-5,85
Gilson winch	2x GW-3500B-13,2 / 19 T
Portal winch	1x GW-3500-13,2 / 15 T
Auxiliary winch	1x GW-680-3,27
Auxiliary winch	2x GW-200.05
Wire drum	1x WLT-130.0,5
Autotral	Pentagon
Anchor winch	AVW-2500 / chain 34 mm, categ. 2 / wire dia. 34 mm
Deck crane	ABAS KDE 60 EH / БРН 5 T @ 14 M

Fish factory

Receiving bin	SS: 26,6 m ³ и PS: 21,9 m ³
Heading machine	Baader 415 / round cut
Heading machine	2x Baader 429 / strait cut
Filleting machine	2x Baader 190
Skinning machine	2x Baader 51
Sharpening machine	Baader 60
Weighting station	Marel M2200
Weighting station	5x Marel M1100
Strapping machine	Strapex
Labeling printer	Intermec PX 4I / thermal printing
Grader	Odim / rolls
Elevator	Loading frozen product into cargo hold
Other	Conveyors, receivers, washing basins

Freezing equipment

Capacity	53 tn/day
Coolant	Freon R507A
Plate freezer	3x Jackstone HPF 12J / plate horizontal / 7,3 tn/day
Vertical freezer	2x DSI V-3-32/100 / plate vertical / 9 tn/day
Vertical freezer	2x DSI V-3-26/100 / plate vertical / 7 tn/day
Screw compressor	SAB 163
Screw compressor	SAB 128
Freon pump	CNF 40-160
Pump	Allweiler NB 80-200 / capacitors cooling / 90 m ³ /hour
Liquid cooler	4.000 lt
Capacitor	Sabroe CONW 411 904 / shell-and-tube
Line receiver	Retech RV-0306
Spare receiver	700 lt
Cargo hold freezing	Direct cooling, freezer coils / -30°C

Capacities

Cargo hold	776 m ³ (+ tare storage: 151 m ³)
Fuel tank	341 m ³ (290 tn MDO)
Fresh water tank	40 tn

Судовая электроника

Современная