

Basic data

Vessel's type	Freezer trawler
Built	1987 y.b. (Norway)
Class. society	RMRS
Ice class	L4



General characteristics

LOA	56,90 m
Beam	13,00 m
Depth	8,7 m
Draft	5,78 m
Tonnage (BT / NT)	1.630 / 489
Deadweight	1110 tn
Speed	10,0 kn
Accommodation	Up to 40 men.
Endurance	40 days

Engine room

Main engine	Bergen diesel VMB12 / 1.940 kWt / 2.602 h.p.
Propeller	-
Auxiliary engine	1 x Mercedes Benz OMA 424A 368 kWt @ - rpm
Generator	L6509/2 / 406 kVa @ 1800 rpm
Reduction gear	-
Shaft generator	1820 kW @ 60Hz @ 1800 rpm
Steam boiler	-
Fuel separator	-
Fuel separator	-
Oil separator	-
Steering gear	-
Bow thruster	NEBB type VEPP 280ML4

Fishing and deck equipment

Autotrawl	-
Wire winch	2 units., up to 30 tn. @ 1 speed, up to 18 tn. @ 2 speed
Net drum	1 unit.
Cable drums	-
Trawl release winch	«Shakal», 1unit., 4 tn.
Cod end winch	1 unit., 10 tn/s
Cable winch	4 units., 11 tn/s
Gilson winch	2 units., 15 tn/s
Windlass	-
Deck crane	-

Fish factory

Fish processing machine	2 x Baader 212B (pollock/cod/greenling) incl. roe recovery
Fish processing machine	2 x Nikko (pink + chum + red + coho salmon) incl. roe recovery
Strapping machine	1 unit for box №32
Fishwashing machine	Drum type, washing after processing
Weighting stations	3 units Marel M1100 (ready product), 1 unit for liver/roe, 1 unit for final control weighting of the products
Hydraulic press	Knocking blocks out of trays after freezing
Sorting machine	For sorting of pollock
Storage	3 units, grade separation after sorting

Freezing equipment

Freezer	Plate freezer, 7 fish holds x 11 plates, 1 roe hold x 9 plates
Compressor	Howden MK1E/WCV 163/18050/1183, cap. 160 kWt.
Compressor	Howden MK1G/WRV 163/4550/912, cap. 160 kWt.
Compressor	6HE-28-40P – 2 units.
Compressor	Bitzer (provision room) type 2CES-3-40S, cap. 15 kWt.
Coolant	Freon R22, 3.500 kg.

Production capacity

Frozen fillet	-
Wholefrozen fish	processed (gutted, head off) – up to 50 tn/day
Frozen subproducts	Roe, liver, milt
Fishmeal	-

Frozen products: Alaska pollock, pink salmon, chum sockeye salmon, coho salmon, humpback salmon – all gutted, head off, squid, squid legs, roe, salmon milt, pollock liver.

Capacities

Cargo hold (to -30°C)	1237,5 m ³ / - tn
Oil tanks (5 tanks) total volume	23 m ³
Fuel tank	~ 421 m ³
Fresh water tank	60,35 m ³
Fish bin	76,41 m ³
Antirolling tank	-

Electronics

All modern