

## Basic Data

<b>Vessel's type</b>	Freezer trawler
<b>Built</b>	1990 г. (Norway)
<b>Class. society</b>	RMRS
<b>Ice class</b>	L3

Number of repairs and modernisations during few last years



## General characteristics

<b>LOA</b>	64,05 m
<b>Beam</b>	13,00 m
<b>Depth</b>	8,85 m
<b>Draft</b>	5,785 m
<b>Tonnage (GT / NT)</b>	1.944 / 592
<b>Deadweight</b>	1074 tn
<b>Speed</b>	14,0 kn
<b>Accommodation</b>	up to 68 men
<b>Endurance</b>	45 days

## Engine room

<b>Main engine</b>	VASA 6R 32E / 2.460 kWt / 750 rpm
<b>Propeller</b>	CPP Wärtsilä Winchmann 9PR4-11 C/DS3 / 4 blades
<b>Auxiliary engine</b>	2x MAN D2876 LE301 345 κBT @ 1500 rpm
<b>Generator</b>	2x Leroy Somer LSA M47.2M7 C 6/4 / 380V, 400kVa, 320kWt, 607A
<b>Reduction gear</b>	Volda ACG 680 PF 500
<b>Shaft generator</b>	Leroy Somer LSA-52M7 / 380V, 1630kVa, 1304 kW, 2477A
<b>Steam boiler</b>	Anders Halvorsen A/S, "Parat" STG 2004-90, Weishaupt, L7ZD, 2600kgd/h, DP 10bar / 165 kg/h
<b>Fuel separator</b>	Alfa Laval, MAB 104 - 24 - 50 /4108-05 / ACE 032N3 NVSP
<b>Fuel separator</b>	Alfa Laval, MMPX -304 SGP-11-50 / ACP 032N
<b>Oil separator</b>	Alfa Laval, MMPX -304 SGP-11-50 / ACP 025N
<b>Steering gear</b>	Tenfjord 12V220
<b>Bow thruster</b>	Brunvoll FU - 45 - LTC - 1225

## Fishing and Deck equipment

<b>Autotral</b>	Synchro RTX, Rolls-Royce
<b>Wire winch</b>	Hydraulik Brattvaag, DM 63, 30.0 tns @ 0-47 m/min
<b>Net drum</b>	Hydraulik Brattvaag NETM 2202U 20.0 tns @ 0-31 m/min
<b>Cable drums</b>	-
<b>Electr. trawl control winch</b>	Naust Marine Mod. CB30_2500_11,35_LO03
<b>Cod end winch</b>	Hydraulik Brattvaag, DMM 4185, 10.0 tns @ 0-23 m/min

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<b>Cable winch</b>	Hydraulik Brattvaag, DSM 41, 11.0 tns @ 0-65 m/min
<b>Gilson winch</b>	Hydraulik Brattvaag, DMM 6300, 15.0 tns @ 0-45 m/min
<b>Windlass</b>	Hydraulik Brattvaag, B6 MG 4185-2N-KC, 8 tns @ V=0-33 m/min
<b>Deck crane</b>	ABAS KDE40-EH-10-10M-3T@SWL 3000 kg.

## Fish factory

<b>Heading/gutting/filleting</b>	3 x Baader 212
<b>Skinning machine</b>	5 x Baader 52
<b>Strapping machine</b>	1 x AQ 7M
<b>Sealing machine</b>	-
<b>Weighting stations</b>	Marel M1100
<b>Fishmeal machine</b>	STORD INT/ T5VH (50 tons per day by raw product)
<b>Grader</b>	Optimar

## Freezing equipment

<b>Freezer</b>	6 x horizontal plate freezers Jackstone froster
<b>Compressor</b>	2 x Sabroe SAB 163-HF / 1600000 kcal/h
<b>Coolant</b>	ammonia

## Productive capacity

<b>Frozen fillets</b>	up to 80 tns/day
<b>Frozen fish</b>	H/G – up to 100 tns/day
<b>Frozen subproducts</b>	-
<b>Fishmeal</b>	Up to 50 tns/daily by raw material

«White» fish fillets, «shutter pack» fillets, H/G, fillets, minced fish, roe, milt, liver, belly, fishmeal, herring wholefrozen, squid tentacles/carcass/«shutter pack»

## Capacities

<b>Cargo hold (up to -28°C)</b>	940 m <sup>3</sup> / 450 tn
<b>Fishmeal hold</b>	163 m <sup>3</sup> / 50 tn
<b>Fuel tank</b>	~ 330 m <sup>3</sup>
<b>Fish bunkers</b>	2 x 40 tns
<b>Fresh water tank</b>	83,2 m <sup>3</sup>
<b>Ballast water tank (total cap. fuel/water)</b>	186 m <sup>3</sup>
<b>Antirolling tank</b>	37,11 m <sup>3</sup>

## Electronics

All modern

