



Specification m/v. "NORTHGUIDER"

Type:	Shrimp Trawler / Crab Vessel
Built:	1988 in Denmark at Ørskov Yard Major rebuild in 2017: Shrimp Factory refitted. New Crab Factory installed
Class:	DNV GL +1A1 Stern Trawler, Ice (1C) (Hull Ice 1A*) Special Steel Ice Bels equal to 42 mm Class renewed 2017
Tonnage:	GT: 1,775 / NT: 552
Dimensions:	
LOA/LPP:	LOA: 55.20 m / LPP: 47.60 m
Beam:	13.00 m
Depth:	5.70 m
Main Engine:	Wartsila Vasa 8R32B - 3,750 BHP (completely overhauled 2017)
Propeller:	Wichmann CP in kort nozzle - diam.: 3,600 mm – 148 rpm
Side Thrusters:	1 x Brunvoll 495 HP
Aux. Engines:	2 x Caterpillar 3412 TD @ 700 BHP
Generators:	2 x Stamford @ 625 kVA (renovated 2017) 1 x AVK Shaft Generator 1,800 kVA
Deck Equipment:	2 x Trawl Winches 35 ts each 1 x Trawl Winch 40 ts (1995) 6 x Sweep Line Winches 11 ts each 2 x Bridle Winches 16 ts each

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1 x Cod End Winch 6 ts
1 x Outhaul Winch 8 ts
1 x Deck Crane 4 ts/12 m (mid ship)
1 x Deck Crane 4 ts/10 m (stern)
1 x Deck Crane 2 ts/9 m (bow)
1 x Crab Line Haulers 6.5 ts – 140 m/min
1 x Rapp Crane for Line Spooler
4 x Conveyor Belts (remote controlled)
1 x Hansen Crab Davit 9 ts
1 x Kolstrand Bait Chopper
1 x Dredging Winch 6 ts
1 x Crab Pot Winch 0.5 ts
1 x Crane Winch 2.5 ts

Hold Capacity:

Processing Plant:

Shrimp Factory:

1 x Grader
1 x Cooker
Capacity: IQF 12ts/24 h / Block Frozen 15 ts/24 h

Crab Factory:

1 x traverse Crane
Carsoe Crab Factory (installed 2017)
2 x Baader 2801 Crab Butcher Machines
1 x Marel Double Grader for sorting crab in 8 sizes
8 x Marel Marine Graders (one for each packing station)
Capacity: 22 ts/24 h (boiled & frozen)
Reverse Osmosis Plant 80 ts of FW/24 h

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Bi-Product Line fitted for utilizing waste from process line

Freezing Equipment: 3 x Vertical Plate Freezers, approx. 24 ts/24 h (refitted 2017)

1 x Freezer Tunnel 25 ts
1 x Brine Cooler
2 x Howden Screw Compressors (new 2017)
1 x Sabroe Piston compressor for RSW (new 2017)
1 x Bait Container on Deck
System converted from Freon to Ammonia in 2017

Freezing Capacity: Approx. 50 ts/day

Bunkers:

Gas Oil: 300 cbm
Fr. Water: 65 cbm

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Electronics:	1 x Radar FURUNO X-band 1 x Radar FURUNO S-band 2 x Ecdis FURUNO Tecdis 1 x AIS FURUNO 1 x Plotter MAXSEA 1 x Plotter OLEX 1 x GPS FURUNO GP 150 1 x GPS FURUNO 1 x Weather Fax FURUNO 1 x SIMRAD FU-80 2 x SIMRAD QS-80 1 x Colour Sounder FURUNO FSV 1500 1 x Colour Sounder SIMRAD ES-70 4 x VHF's SAILOR 2 x MF/HF SAILOR 2 x Radio Telex SAILOR 1 x Colour Net Recorder FURUNO CN-24 Trawl Eye 1 x TV Antenna SEATEL – TRIAX Tuner 1 x V-Sat. Antenna EMC – 200 cm 16 pit IP Phone 1 x InmarSat C SAILOR 1 x CGM Receiver SCANMAR 1 x Receiver SCANMAR 4016 1 x Trawl Eye SCANMAR Sensors: MARPORT + SCANMAR (depth, symmetric, catch, multi) CCTV on Deck – multiple cameras 1 x Wind Sensor 3 x Search Lights New Rolls Royce Auto Trawl System 2017
Accommodation:	For 37 persons in total in 21 Cabins
Various:	Speed/Consumption: Single Trawl abt. 8,000 ltr/day Double Trawl abt. 10,500 ltr/day Max Speed: 14 kn
Price:	Around 150 Mill. NOK