

Specification M/S “SYNES”



TYPE:	Freezer Trawler H/G, Double trawling(3 trawl winches), heavy ice class
DESIGN:	Skipsteknisk AS
BUILT YEAR:	2001, Aas Mek. Verksted, Norway
CLASS:	DNV GL ✕ 1A1 Stern trawler E0 Ice(1B) Hull is classed DNV Ice 1A* which comprises 25 mm and 20 mm in all ice belt. Double frames full vessel length, various webb frames and stringers.
CLASS STATUS:	Classification compliance document vsalid until 2031-01-16. Next intermediate survey 2029-04-16 Next annual survey 2027-04-16
MAINTENANCE:	2021: Full renewal of the whole LP hydraulic winch system after breakdown. 2023 / 07: Overhaul of the main engine and inspection of the main gear. Vessel dry docked. 2025 / 01: Factory upgrade (new grader, and buffer-lineup) 2025 / 09: Extensive scope yard stay (25-year class works, shaft pull, main engine overhaul, renew aux 2, crane major overhaul, install float trawl config etc.)
CONVERSIONS	2025 October new floating trawl configuration: Net drum 15m3/32T Seanics, net sounder winch Seanics, el drive room. 2025 January New grading (Marelec) and buffer configuration (Optimar) 2021 Winch motors changed on low pressure system. All motors but one changed on the low-pressure system. 2020 Factory new New factory arrangement. Baader machines remains the same as before. New shrimp line.
TONNAGE:	2008 Factory GT 1498 – NT 495, DWT 900

Shipbrokers:

DIMENSIONS:	LOA 54,60 mtr, Beam 13,00 mtr, LPP 47,00 mtr, Depth to Main Deck 5,30 mtr. Depth to Shelter Deck 7,80 mtr.
MAIN ENGINE:	5.000 BHP, Wärtsilä, W8L32, 750 rpm MCS Surveyance system on main engine. Total running hours: 195.000 hrs as per 01.2026. Overhauled in 09.2025
SPEED/ CONSUMP:	12 kn real working speed. Fuel consumption: at double trawling – typical 9-11.000/l gas oil/24 hrs.
BOILER:	Combi
GEARBOX:	Gear: Wärtsilä type SCV85-P56. Overhauled 2019/10 (64.000 hr. service. Clutch replaced). Inspected in 2023 Propeller ratio: 5,32:1 Ratio PTO: 0,6:1
PROPELLER:	3600 mmØ C/P in short nozzle – 141 rpm. Shaft pulled/overhauled in 2025
RUDDER:	Becker rudder (overhauled 2025)
STEERING GEAR:	RR/Tennfjord steering gear
SIDE THRUSTER:	1 x Brunvoll at the bow, 350 kW
SHAFT GENERATOR:	1 x Leroy Somer, kW: 1800 (2250 Kva) (overhauled 2024)
AUX. ENGINE 1:	Cummins KTA-38 - 835 kW. Total running hours: 8.269 as per 06.2019.
AUX. ENGINE 2:	Cummins KTA-38 - 835 kW. Total running hours: 8.514 as per 06.2019.
GENERATOR 1:	Stamford - 835 kW / 1090 KVA
GENERATOR 2:	Stamford - 835 kW / 1090 KVA (overhauled 2025)
HOLD:	650 m3 freezing hold with one hatch in SB side. (up to 445 tons frozen) The hold m3 is actually assumed to be 690 m3 due to removal of two bulk heads, etc.
BUNKERS:	MGO 488 m3 FW 32,5m3
WATERMAKER / FRESH WATER GENERATOR:	1 x Alfa Laval FW generator – about 8 m/day depending load on ME.
ACCOMMODATION:	15 x 1 man cabins (extra bed can be installed) 1 x 2 man cabins 1 x hospital 1 x gymnasium

DECK EQUIP:

Make: Rauma Brattvaag
 2 x 37 ts trawl winches*
 1 x 45 ts mid trawl winch
 6 x 13 ts sweep line winches
 Trawl winches:
 New motors 2021 on all winches.
 Capacity 3.000 m x 32 mm wire. (new 2500 m 32 mm wire. 2019), or 3400 m of 30 mm wire.
 Trawl winches renovated 2021
 2 x 7 ts Aux. winches front of trawl deck for hauling forward
 2 x 20 ts Gilson winches
 2 x Ice trawl davids
 3 x Full length trawl lanes
 1 x Deck crane amidship for discharge and deck work, make Palfinger PKM650 (big overhaul 2025)
 1 x Hatch for hold in SB side
 1 x Dumping winch
 1 x Outhaul winch
 2 x Anchors fitted aft – using trawl wire for anchoring

Float trawl (2025)
 1 x Net drum el. drive Seaonics (2025)
 1 x Net sounder el. drive winch Seaonics 15m3/32T (2025)

1 x 5,5 ts Capstan on foredeck
 Wooden deck on aft part of trawl deck

FREEZING:

8 x vertical plate freezers
 Freezing capacity 60 tons/day
 3 x Sabroe compressor sets.
 Medium: Ammonia.

PROCESSING:

H/G for fish and shrimp
 2 x Baader 444 machines
 2 x J-Cut new 2020
 1x Breivik 415 new 2023
 4 x Receiving bins for 20 ts
 Factory renewed 5/2020. Improved H/G production of fish.
 J-Cut machine for Greenland Halibut.
 Factory renewed 01/2025: New Marelec 5 slot grading unit, new buffer tanks (13 pcs)

 Production: industrial shrimps.
 There are no 'by-catch separator', no grader nor cooker in the factory.

Shipbrokers:

ELECTRONICS:

2 x Radars -Furuno RCU 014
1 x Echo sounder - Simrad ES 70
1 x Echo sounder - Skipper RP 200
1 x Echo sounder – Kajo KSE 310 (dual frequency 38/70 kHz, new 2023)
1 x Marport M6 sensor-system
2 x TECDIS
1 x Olex plotter
1 x MaxSea plotter
1 x Sodena plotter anno 2020
Upgraded propulsion control system and IAS to MCS 2015
3 x VHF
Inmarsat C
MF/HF
Starlink
V sat telephone internet system (3 lines)
Wireless in accommodation
TV on all cabins
2 x GPS
1 x Logg +
1 x sat compass
4 x steering positions in wheel house
Surveillance cameras for deck and other areas
FIFI central 2018

SAFETY EQUIP:

1 x MOB boat
2x Viking life rafts for 20 persons each

FIREFIGHTING EQUIPMENT:

Firefighting in engine room: CO2.

VARIOUS:

Keel laid: 2000-02-15
Launch: 2000-05-27
Date of build: 2001-01-09.

Maintenance system: TM Master

The steel bars in the trawl deck area are very full and look like new.
The hull seems to be in excellent condition as per 2023.

INSPECTION:

Upon arrangement with Atlantic Marine AS

PRICE:

Try offer!

All details above are assumed to be correct but not guaranteed.

Shipbrokers: