

VS 6215 ST

Stern Trawler

DATASHEET



Design highlights

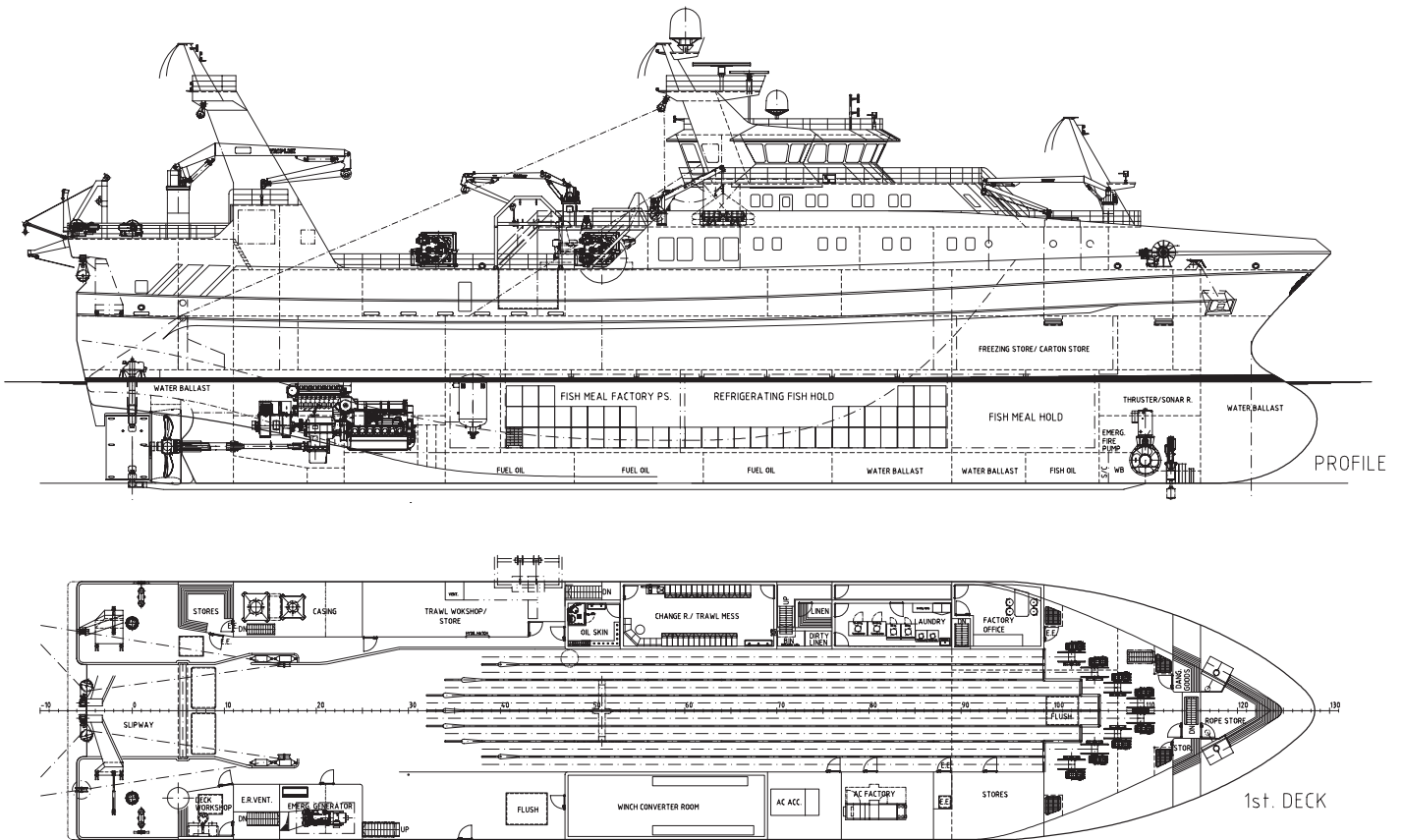
- Stern trawler for bottom and pelagic trawling with processing and freezing facilities
- Unique aft-ship design
- Optimized hull/propulsion interaction to achieve best possible level of efficiency, and low fuel consumption
- Single screw selected due to experience and model tests that proves best performance
- Environmental profile due to propulsion configuration with batteries and 2-speed gear, efficient hull lines and fish waste recovery
- Excellent sea state capability, based on extensive experience and studies for all operational modes and load conditions
- Factory with live fish storage, processing freezing and fish meal factory
- Low noise level according to silent F class
- The world's most efficient engine, Wärtsilä 31
- Wärtsilä 2-speed gear reduces the speed & increases the pitch of the propeller, which procures greater propeller efficiency at reduced load

SPECIFICATION IN BRIEF

Length over all	82.30 m
Breadth	16.80 m
Depth to 1st deck	10.90 m
Speed	16.0 knots
Factory capacity	80T / 24h



Fig.1 Detailed elavation drawings



TECHNICAL SPECIFICATION

MAIN DIMENSIONS

Length over all.....	82.30 m
Length between PP.....	72.90 m
Breadth moulded.....	16.80 m
Depth to 1st deck.....	10.90 m

CAPACITIES

Receiving fish tanks	56 m ³
Fuel oil.....	590 m ³
Fresh water	80 m ³
Freezing room	1,800 m ³ + 300 m ³

SPEED

Speed	16.0 knots
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ACCOMMODATION

- Accommodation for 45 persons

CRANES

- 1 x knuckle boom crane (fwd) 8.5 T @ 12 m
- 1 x knuckle boom crane (aft) 8.5 T @ 15 m
- 1 x knuckle boom crane (mid) 1.8 T @ 10 m

MACHINERY AND PROPULSION

- 1 x Main engine 6000 kW @ 750 rpm
- 1 x Auxiliary generator 1665 kW
- 1 x CP propeller in HP nozzle dia. 4000 mm
- 1 x Shaft generator 2500 kW
- 1 x Emergency/harbour generator 375 kW
- 1 x El. driven CP tunnel thrusters forw. 800 kW

ELECTRIC DECK MACHINERY

- 1 x Net drum winch 26 ton – 2 x 15 cum
- 3 x Trawl winch 50 ton
- 3 x Gilson winch 20 ton
- 8 x Sweep line winch 18.6 ton
- 1 x Out haul winch 15 ton
- 1 x Cod-end winch 15 ton
- 1 x Cod-end / out haul winch 15 ton

FACTORY

- Factory capacity 80T / 24h

CLASSIFICATION

- DNV-GL *1A1, Fishing Vessel, E0.