

General:

This specification describes a Fishing Vessel designed as a twin-screw driven Stern Trawler with good sea keeping qualities, outfitted for bottom- and pelagic trawling operations year round and with processing and freezing facilities of the catch.

Main particulars (approx):

Length overall	69.8 m
Length between p.p.	62.4 m
Breadth moulded	15.6 m
Depth main deck	6.85 m
Max. draft midship	6.5 m
Max. scantling draft midship	6.5 m

Capacities (approx):

Fuel oil:	600 m ³
Fresh water:	150 m ³
Water ballast:	600 m ³
Freezing hold:	1200 m ³
Meal hold:	140 m ³
Packing hold	150 m ³

Performance, Trial speed:

Vessels trial speed at d = 5,5 meter to be approx 14,2 knots in calm weather and with clean hull.

Class:

+1A1 Stern Trawler, E0, CLEAN CLASS, T-MON, Silent F, ICE B (Hull only). Classification Society under this institutions survey and according to its rules and regulations.

Accommodation:

The vessel to have accommodation for a total of 25 persons.

Safety equipment:

One (1) MOB boat, approx 70 hp, with electric start and remote control.

One (1) life jacket to each person on board.

In addition 2 suits placed on bridge, 2 in engine control room and 2 offshore immersion suits placed nearby MOB boat.

Hybrid Propulsion:

Two (2) main engines of 2450 kW at 720rpm.

Two (2) aux. engines of 750 kW at 1800rpm.

Two (2) propellers, diameter (approx) 3500.

Two (2) single input/ single output reduction gear. PTI aft end.

Two (2) PTI electrical engines of 2200 kW

Rudder:

Two (2) off high lift rudders to be installed.

Thruster:

One (1) tunnel thruster, fwd. of 600kW at 1200rpm. Controllable pitch propeller, fixed rpm.

Stabilizing tanks:

two(2) passive stabilizing tank on C deck.

Deck cranes:

One (1) deck crane at C deck (fwd), 3.5 t

One (1) deck crane aft on trawl, 8.0 t

One (1) deck crane SB midship, 2.0 t

Main Deck equipment:

Three (3) Trawl winches, 55 t

Eight (8) Sweepline winches, 18.0 t

Three (3) Gilson winches, 20 t

Two (2) Outhaul winches, 15.0 t

One (1) Cod end winch, 15.0 t

One (1) Net sounding winch

One (1) Net drum winch, 30.0 t/ 25 cum

Two (2) Ice trawl gallows

Processing :

The factory to be equipped for the following main processing routine: Two Fish receiving bins aft. HG processing Equipment , by catch and gut processing . Catch to be stored in freezing hold.