

FCS 3307 Patrol Boat

Specification and special features

FCS 3307 PATROL VESSEL

About this vessel type

FCS range provide safe and comfortable sailing based on the improved seakeeping behaviour that comes courtesy of the Axe Bow.

This specific yard number is focussed on patrol duties, but thanks to the spacious aft deck it is also capable of carrying deck cargo. It can also handle a range of equipment like cranes, fire-fighting apparatus, rescue craft and ballistic protection.

Having served on the seas for decades, this design has proven its reliability. The basis for the range is a balance between comfort, speed, operability, efficiency and flexibility.

The FCS creates a fast, reliable connection between port and offshore operations. The Sea Axe hull reduces demands on crew.



Video and 3D scan



Suitable for offshore patrol duties



FCS 3307 Patrol Boat

Built in 2016 at Damen Shipyards Singapore

Dimensions 33.32 x 7.35 x 3.30 m

Maximum draft is 2.50 m

Aluminium both hull and superstructure

Gross tonnage 168

Classification



Classed by Bureau Veritas

Notation:

I ✕Hull •MACH Light Ship / Fast Patrol boat

Sea Area 3

Valid until July 2025

Completely overhauled in 2023



Aft deck



Deck lockers, on both SB and PS side, for storage purpose.

Total deck space is 75 m²

Maximum deck load capacity is 2.5 tonnes/m²

Fast rescue response boat



The fast rescue response boat is included in the sale.

She has inflatable tubes and can be released by means of a davit.

Powered by two 90 hp Mercury outboard engines.

Both the davit and the rescue response boat have been completely overhauled medio 2023.

Fast rescue response boat



Aft deck



View from the aft deck towards bridge.

Left is the entrance to the accommodation.

Armoured protection



Situated on the aft deck on both PS and SB, armoured protection by means of steel plating.

Wheelhouse armoured protection



All around the wheelhouse, armoured plating is fitted.

The windows are ballistic proof.

Wheelhouse armoured protected



Wheelhouse armoured protected



Bridge



Bridge forward console



According to GMDSS A2

Magnetic compass

Radar (2x)

Echo sounder

GPS/DGPS

AIS

VHF (2x)

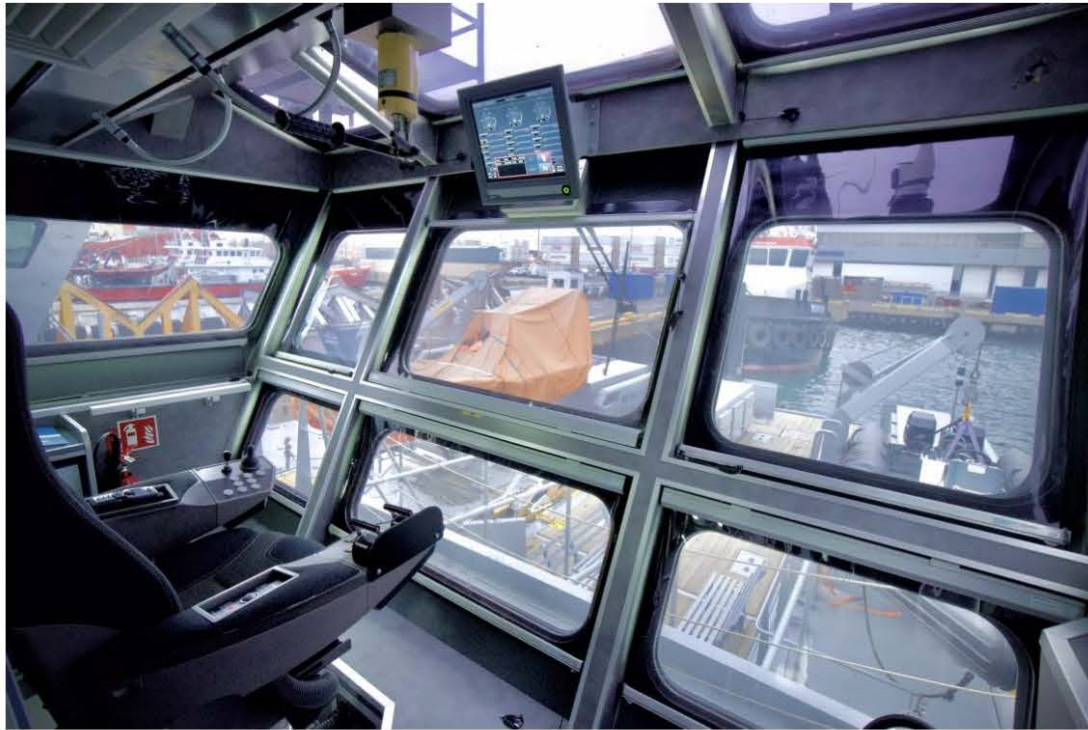
Navtex

SART

EPIRB

Inmarsat-F

Bridge view on aft deck



The captain can operate the vessel also from this aft position.

Having a clear view on the aft deck, he will be able to control propulsion, steering, bow thruster etc., allowing the best control over the operation.

All windows are installed with sun protection by means of sun screens.

Galley



Below main deck is the galley.

All installations have been completely renewed medio 2023.

Next to the galley is a storage room with 2 freezers and 2 refrigerators (all new medio 2023).

Across the galley below main deck there is a mess, with a bench for 6 crew and a table.

Mess and galley below main deck



Mess-room main deck



Accommodation



All accommodation is air-conditioned.

In total 18 berths.

Divided into 7 cabins.

Accommodation



Engine room



Propulsion by means of:

3x Caterpillar, type x C32 TTA – D, 4799 hp total

Running hours:

PS 22144

SB 24311

Centre 18005

3x Reintjes, type WWS 730/1

3x Fixed pitch propellers

± 30 knots

Gearbox



3x Reintjes, type WWS 730/1

Propulsion



3x Fixed pitch propellers

External fire fighting



Auxiliary engines



Two generator sets

Caterpillar, type C4.4 T, 73.0 kVA

415V/ 240V, 60 Hz AC

Running hours:

PS 26071

SB 26070

Tank room/control room



This tank room/control room is separated from the engine room by means of watertight door.

Tank capacities:

Fuel 51.90 m³

Fresh water 17.50 m³

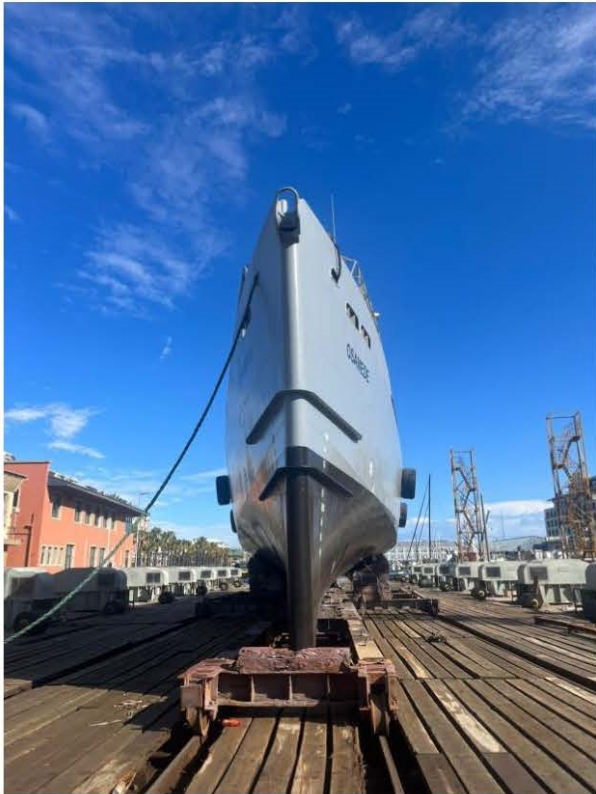
Range 1200 nm at maximum speed.

Bow thruster



Hydraulic, 75 kW

Overhauled medio 2023



- 3x main engines (major overhaul)
- 3x gearboxes (major overhaul)
- 2x generator sets (major overhaul)
- 2x steering pumps
- 1x hydraulic bow thruster pump
- Hydraulic coolers
- Freshwater maker
- 3x AC compressors and all indoor units
- Fuel oil purifier
- Fast rescue response boat
- Davit

Renewed medio 2023



- All pumps + electric motors overhauled or renewed
- Hydrophore system newly installed
- Accommodation refurbished
(cabinets, mattresses, vinyl floors and all lighting renewed)
- Wooden aft deck
- Galley equipment renewed
- Full hull blasting and paintjob
- ICAF and zinc anodes renewed

In dock medio 2023



Special design

» Linking sea and shore

The FCS creates a fast, reliable connection between port and offshore operations. The Sea Axe hull reduces demands on crew. Propulsion options allow operational requirements to be matched with efficiency.

» We never compromise on safety

Our Fast Crew Suppliers embody the highest safety standards.

And although designed for speed and efficiency, they still have excellent seakeeping abilities thanks to our Sea Axe hull design.

» Excellent visibility

Not only does the FCS have excellent visibility from the wheelhouse, crew also benefit from having an optimal view due to large windows. Often technicians are not seafarers, so we have aimed to make the FCS as comfortable as possible.

» Spacious deck, spacious accommodation

Large, flush and uncluttered decks are a major highlight of the FCS. And we have provided an optimised layout, featuring well-located operational compartments and spacious accommodation.

