

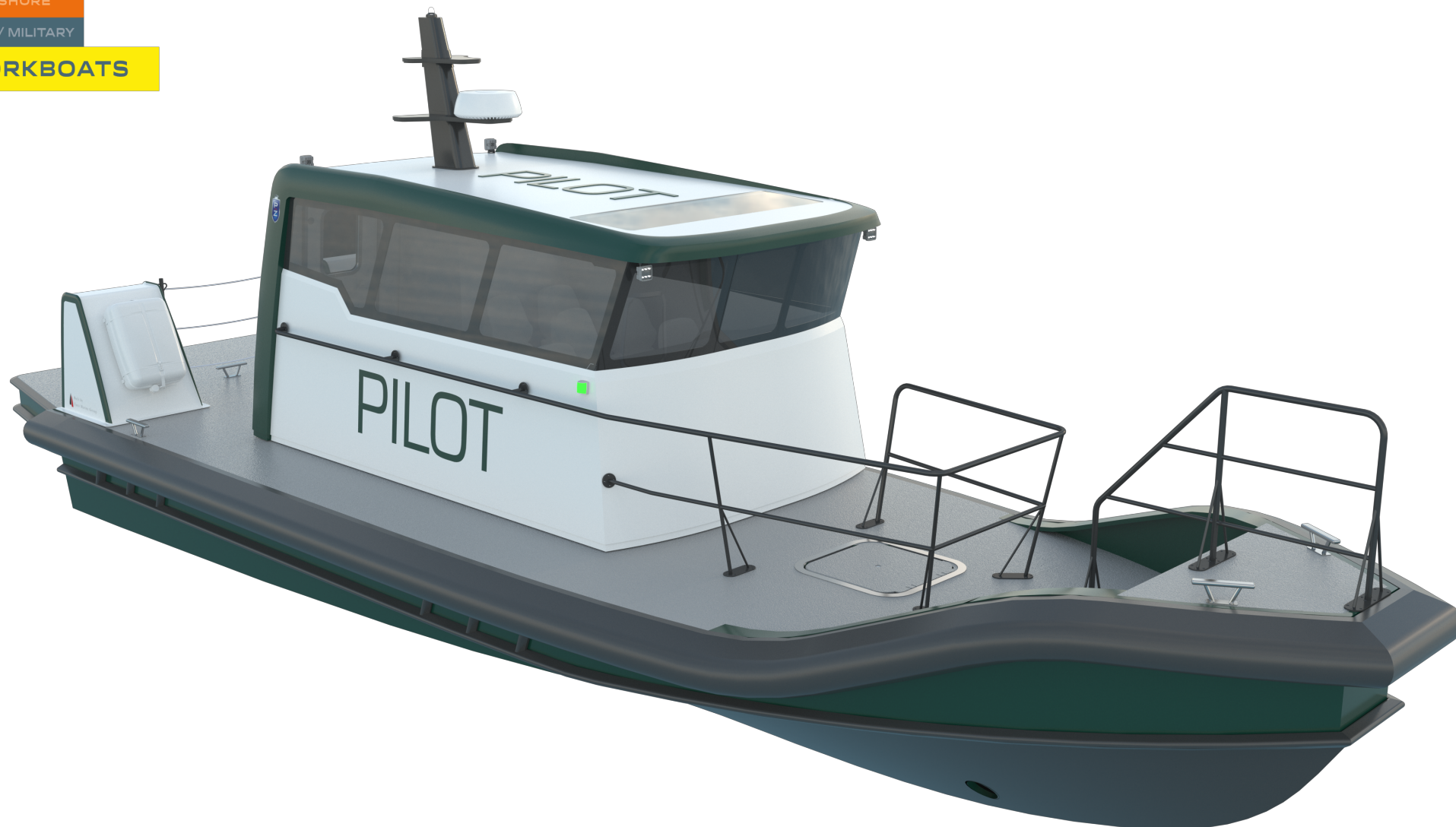


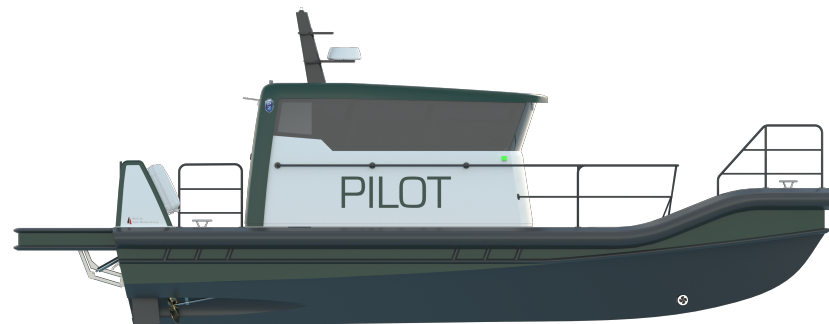
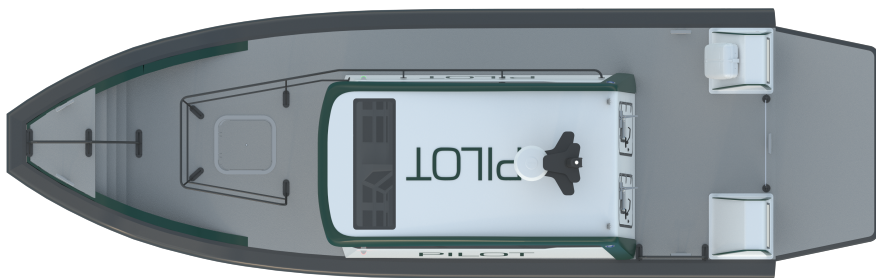
PROZERO 12M PILOT VESSEL

OFFSHORE

POLICE / MILITARY

WORKBOATS





Design:	2019 5000-03-71
Length overall, approx.:	12,96 m
Beam overall, approx.:	3,55 m
Capacity:	8 persons
Engines:	2 x inboard diesel

OPERATIONAL FEATURES:

Speed: 25 kts
 Speed (cruise): 20 kts
 Range: 6 hours at cruise speed.

DESCRIPTION:

The ProZero 12-metre Pilot Vessel is powered by a pair of QSB7 Cummins engines with ZF 280-A gearboxes. The engines are rated at 350bhp, providing a speed of 25 knots and a cruise speed of 20 knots. The engines run very economically. Other engines and propulsion systems are available on request.

The vessel is constructed in GRP vacuum infused sandwich laminate giving the hull structure added buoyancy while reducing weight significantly. The ProZero 12m Pilot is 13 metres L.O.A and has a beam of 3,55 meters. The Pilot vessel features a large deck area and has heavy-duty fenders with an reinforcement at the bow to allow for pushing operations. Diagonal fenders have been fitted for added protection of the vessel. The vessel comes fitted with a large hydraulical transom platform to ensure safe and easy recovery of personnel from the water.

The spacious cabin is fitted with air suspended seating for 6 pilots and 2 crew members.

A full electronic package is installed at the helm giving helmsman outstanding command of the vessel and clear visibility of all the displays. The navigator has a dedicated position at starboard with radio and navigation equipment at hand. The vessel is equipped with CCTV below deck for monitoring of all under deck compartments. A toilet with washbasin is installed inside the cabin.

HULL, DECK AND SUPERSTRUCTURE:

The boat is made of a combination of glass- and carbon fibre as sandwich construction with PVC as core material. This core material act as a natural buoyancy reserve material, due to its lightweight and zero water-absorption. Moreover, the sandwich construction avoids the use of internal stiffeners, increasing the usable internal space and offers a natural insulation capability, improving the comfort in the cabin and manned compartments.

FENDER:

The fender is constructed in EPDM Rubber. The solid construction of the fender ensures the safety of the vessel and its crew.
 The fender system absorbs impacts and retains integrity and shape.

DECK:

Handrails placed to allow free passage around the cabin. Transfer raised platform in the bow with stairs between this one and the main deck.

5 mooring bites.

Aluminium railings on the starboard side of the cabin and on the foredeck to allow safe passage.

A Hadrian rail system installed to allow safe and easy movement around the cabin.

A hydraulic platform installed on the transom.

CABIN & COCKPIT:

Toilet with WC and washbasin.

6 Air suspended comfort seats plus 2 pilot seats.

2 Hinged doors in the aft of the cabin.

Defreeze system for windows with hot air blowers.

All windows are glued into the structure.

Led lights in cabin and cockpit.

Comfort insulation in the cabin.

TECHNICAL:

ENGINES, PROPULSION, STEERING etc.

2 x inboard diesel engine

2 x FPP

TANKS:

Structural diesel tank with hatch and filling protection.

Independent fresh water tank.

Independent black water tank with odourless filter.

ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable.

Shore power with control lamp, marked fuses, earth connection.

Isolation transformer with earth plate for protection of galvanic corrosion.

24-volt electrical system.

Main switches with separate battery systems for start and consumption.

Battery charger with indicator.

Navigational lights.

NAVIGATION & ELECTRONIC EQUIPMENT:

Complete engine instruments supplied by engine manufacturer.

Control panel for all lighting and other electrical equipment.

1 x magnetic compass

1 x Navigation package

SECURITY EQUIPMENT:

Bilge pumps

Fire extinguisher at doorway into cabin

Automatic fire extinguisher system in engine room.