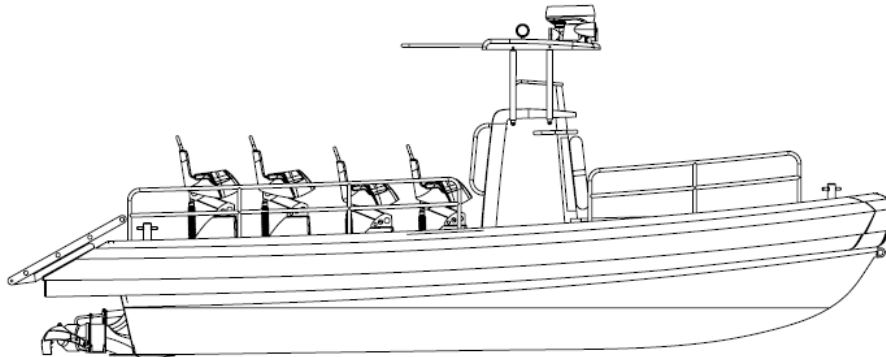


### PRO:ZERO –FRB 8M-PATROL BOAT - SPECIFICATION



#### DIMENSIONS:



Length, Overall: 8.14 m  
 Length hull: 7.35 m  
 Beam Overall (with fender): 2.84 m  
 Beam (without fender): 2.34 m  
 Draught (lightweight): 0.47 m  
 Draft (full load, hull): 0.58 m  
 Freeboard Amidships (full load): 660 mm  
 Freeboard –Bow (full load): 980 mm  
 Height above waterline (console roof): 2.56 m  
 Height keel-console (roof folded, transport): 2.62 m  
 Displacement Light weight approx. (d=0.45 m): 1.800 kg  
 Displacement Full load approx. (d=0.56 m): 3.000 kg  
 Crew: 2  
 Capacity :6 Passengers  
 Maximum Load: 720 kg

#### OPERATIONAL FEATURES

Speed (max): 45 kt  
 Speed (cruise): 30 kt  
 Range: 170 nm @ 28 kt

#### DESCRIPTION

The boat has been built to meet the requirements from VTT for commercial crafts in category B.

#### HULL, DECK AND SUPERSTRUCTURE:

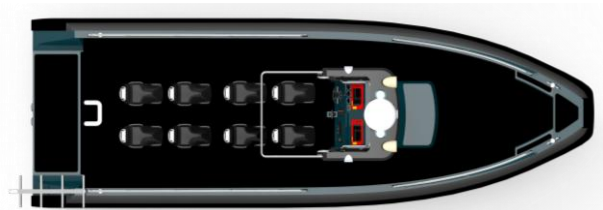
The boat is unsinkable. The boat is made of a combination of glass- and carbon fiber as sandwich construction with PVC as core material. This core material acts as a natural buoyancy reserve material, due to its lightweight and zero

water-absorption. Moreover, the sandwich construction avoids the use of internal stiffeners, increasing the usable internal space.

#### FENDER:

The fender is built from Hypalon of 1500 g/m<sup>2</sup> and divided into several inflatable chambers. The fender has a D profile to increase the internal usable beam of the boat. The fender has a reinforcement strip of 300 mm wide hard rubber in its external side and also in the top in the bow area. The fender is attached to the hull with black fabric straps coated with 3 mm hard PU for abrasion resistance. All the buckles and hardware to be built in SS AISI 316

#### DECK:



Self bailing deck.  
 Aluminium railings on both sides.  
 Aft platform in level with the main deck.  
 Open transom (with security rope line between railings).  
 Low profile hinged engine cover with assist gas struts.  
 Large working area in the aft deck.  
 Multiple storage spaces, above and below deck.  
 4 aluminium mooring bites.  
 Towing strongpoint in the bow.  
 Foldable towing strongpoint in the aft.  
 Foldable diving ladder integrated into the aft platform.  
 2 x Crew shock absorbing seats.  
 6 x Passengers detachable shock absorbing seats  
 Aluminium railing profiles in the aft deck and engine cover to attach up to 6 seats in addition to the 2 crew seats and different modular items with hammerhead bolts and nuts.  
 4 Lifting points

**PRO:ZERO –FRB 8M-PATROL BOAT - SPECIFICATION**

Steering consoled with rugged construction, frontal windshield and foldable roof for deploying lights and electronic devices. The roof is fitted with a length adjustable railing for deployed a protection canvas able to offer weather protection to the 2 first rows of seats.

The console has aluminium railings all around and several hatches to access the electronics and storage compartments.

**TECHNICAL:****ENGINES, PROPULSION, STEERING & MANOUVERING**

1 x Castoldi Waterjet  
1 x Yanmar V8 inboard diesel engine

**TANKS:**

1 x Independent detachable diesel tank

**ELECTRICAL SYSTEM & LIGHTING:**

All electrical wiring in marine cable.  
Isolation transformer with earth plate for protection of galvanic corrosion.  
24-volt electrical system.  
Main switches with separate battery systems for start, navigation and consumption.  
Shore 230 VAC power supply for battery charger and heating starting systems.  
Battery charger with indicator.  
Heating system in engine room.  
Heating system in steering console electronics compartment.  
Navigational lights.  
4 x Floodlight on the steering console roof pointed front, aft and both sides.  
2 x Searchlights, manually operated, 1 of them detachable and handheld opearable.  
2 x Blue rotating enforcement lights.

**NAVIGATION & ELECTRONIC EQUIPMENT**

1 x Radar  
2 x Chart Plotter  
1 x Echo sounder with transducer  
1 x GPS compass  
Electric engine controls. Complete engine instruments with RPM, temperature, oil pressure and voltmeter for start batteries supplied by engine manufacturer.  
Fuel gauge.  
Control panel for all lighting and other electrical equipment.  
1 x Fixed VHF with DSC  
1 x AIS  
1 x Magnetic Compass  
1 x Foghorn

**SECURITY EQUIPMENT:**

1 x Manual bilge pump  
2 x Electrical emergency pump with manual start, in the bilge and in the engine room  
1 x Fire extinguisher at helmsman station  
1 x Automatic fire extinguisher system in engine room.  
1 x Medical First Aid box  
1 x Lifebuoy  
10 x Lifejackets

**DELIVERY:**

All boats are launched, tested and calibrated and has gone through a scrupulous quality control at the yard in Denmark.

Delivery, hand over, test drive and technical review with customer at yard in Denmark. All boats are delivered with a complete owner's manual.

**GENERAL:**

The boat is built as a standard according to the technical specification and our general quality standard. The specification is valid when being printed. Details in construction, design and equipment can be changed as a result of the experience from the use of the boats. The quality and the equipment standard, however, are equivalent at least to this specification. Photographs may contain items that are extra equipment.

The hull and structure have a 2 years warranty since delivery.

The equipments and devices fitted in the boat have a 1 year's warranty since delivery.

*Subject to change without notice 2014-12-10*