



# NATT

## NATT FAST INTERCEPTOR

LENGTH (LOA): 11.50 m

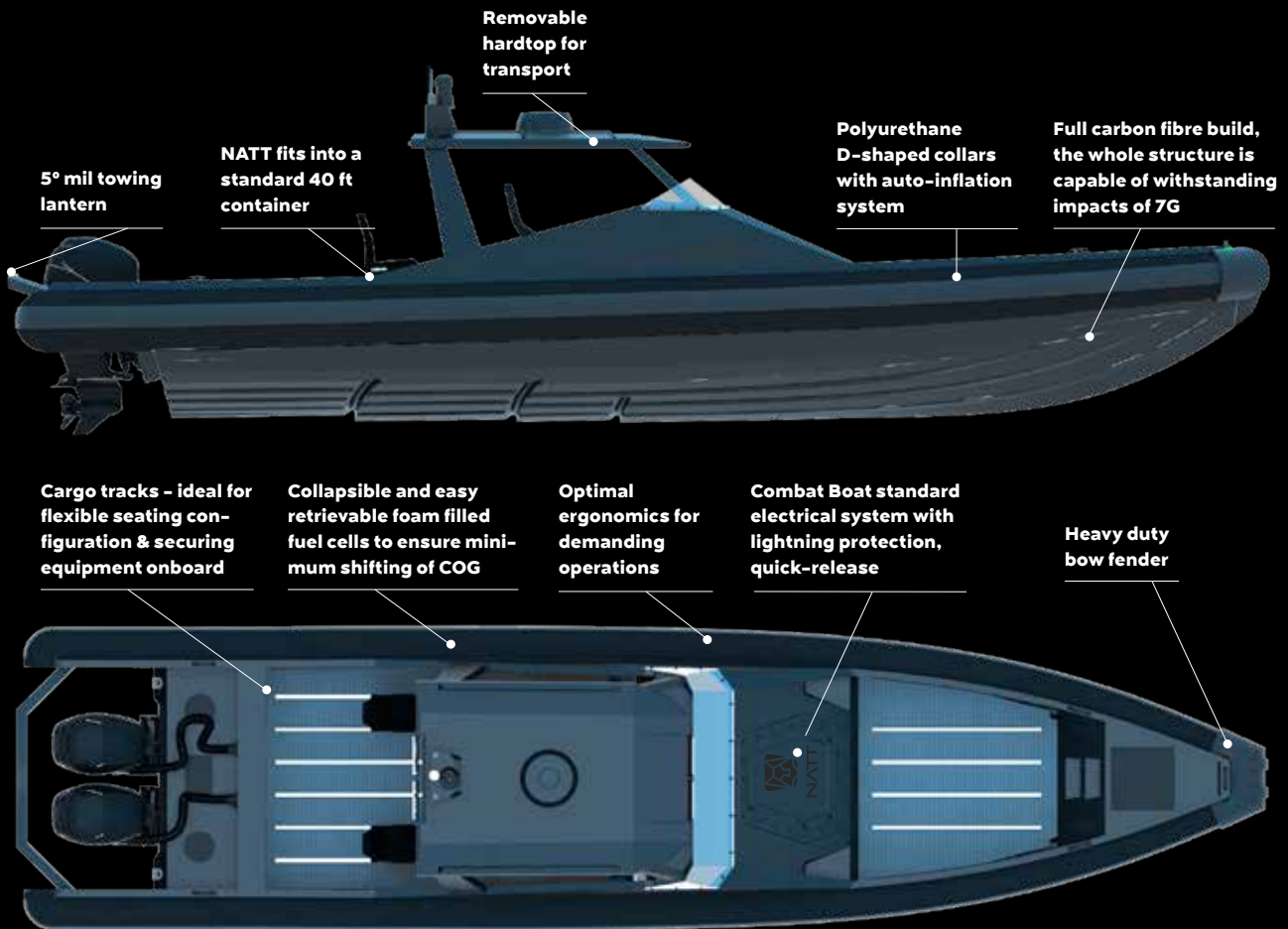
BEAM (INFLATED): 3.0 m

DISPLACEMENT (lightship): 3,400 kg

MAX SPEED (lightship): 60+ kn.

CRUISING SPEED: 40 kn.

RANGE: 300NM+





### MATERIALS

**HULL:** Full carbon fibre, vacuum infused, three-stepped deep V-hull enables safe and predictable operations, minimizing sensitivity to weight shifting onboard and ensuring minimal bow rise at lower speeds. NATT allows structural impacts of more than 7G, and airborne transportation. NATT is manufactured using the best available technology – vacuum infusion, a vinyl ester, sandwich with a Corecell and multiaxial carbon fibre mats.

#### COLLARS:

- Polyurethane fabrics, D-shaped collars with seamless structure
- Heavy-duty auto-inflation system
- Heavy-duty, removable bow fender

### COLOURS

**HULL:** Matt black

**DECK:** Matt black, 6 mm neoprene decking covered with heavy-duty non-skid diamond grip surface

**COLLARS:** Matt black, seamless structure

### PROPULSION SYSTEM

2 x MERCURY VERADO 400 R

MAX SPEED: 60+ knots (cruise speed 40 knots)

### NAVIGATION SYSTEMS

Coxswain and navigator's position, SeaCross® M-series.

- FMCW Radome radar
- GPS compass
- Magnetic compass
- Transom mounted Triducer
- Dedicated radar control
- 50 mm trackball
- AIS class B
- SX104 Multiplexer

### ELECTRICAL SYSTEM

The electrical system aboard NATT is built according to Combat Boat 90 standards and ensures secure operations in challenging environments. The whole system is built using high quality marine grade components and includes protection against lightning.

The 12V system comprises two battery sections: one separate battery group for the engines and one for consumers (totally four batteries). House batteries for consumers are high-grade lithium batteries connected to 12 V generators and monitors allowing more than eight hours of full-system operation without engine generated power.

### SHOCK-MITIGATION SYSTEM

**DRIVER AND NAVIGATOR:** Ullman Atlantic Carbon Black

**PASSENGERS:** Ullman Biscaya Black mounted on pods

### INTERCOM

The INVISIO Intercom is designed to bridge the gap between embarked and disembarked operators by seamlessly integrating with the INVISIO system. It is capable of connection to four combat net radios and five users for internal voice communication. The Intercom provides clear communication in the noisiest of environments. It is a small, light weight system that can be powered from a vehicle or common combat radio battery. The Intercom is a highly mobile system that can either be mounted in the vessel or carried on the go between vessels.

### NON-SKID SURFACES & CARGO TRACKS

NATT is equipped with a black anodized cargo track system originally designed for airplanes. The cargo track system throughout the entire deck and freeboards allows various seating configurations and for equipment to be efficiently secured on board. The deck is covered with 6 mm neoprene matting with 3 mm heavy-duty, diamond-pattern EVA® grip non-skid rubber. All other exposed surfaces are also covered with diamond-pattern non-skid rubber to ensure effective grip during operations onboard.

### MAIN COMPUTER

- Rugged computer based on MilDef 19"/2 format with high performance Intel XEON and SSDs for future-proof operation
- Switch with gigabit interfaces for seamless Ethernet communication at system level
- Multifunctional 15" displays in 4:3 format with eight programmable function keys and support for NVIS.
- Products classified according to MIL-STD-810 and MIL-STD-461 for helicopters, tracked and wheeled vehicles and watercraft/marine vessels.
- Sealed according to IP65 for operations in temperatures between -40C to +55C and up to +40G shock and vibrations.

### STRONG POINTS

- Single towing point in the bow
- Twin towing points at the transom
- Four lifting points

### WORKING AREA

Besides standard container compatibility unique for its class, NATT provides generous working areas forward and aft of the console. NATT features three-row seating configuration and there is plenty of space for installing diving or boarding equipment. Grip handles are conveniently located to ensure safe fore and aft passage. To minimize operational risks, the boat is equipped with flush deck plates and hatches with no visible handles.

### FUEL SYSTEM

Revolutionary ballistic collapsible fuel cell system enables quick, safe fuel cell removal. Due to the system's unique design, COG shift is minimized during harsh weather conditions or even fast acceleration, enabling full control of the vessel.

### SAFETY

NATT is equipped with fuel shut-off and fire extinguishing systems as well as other safety equipment with a focus on survivability of the vessel and crew.

### TRAINING

Spectre Marine provides special customized training programmes at preferred locations.



### OPTIONS

NATT can be adapted to various climates and weather conditions; a full cabin version with CBRN protection is available as an option.

### CLASSIFICATION

**CLASSIFICATION SOCIETY:** CE

**RIB TYPE, ISO 6185-4:2011:** TYPE X DESIGN

**CATEGORY:** B – OFFSHORE



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