

# Torpedo SEAL

Technical Specification



# TORPEDO SEAL

## Introduction

Torpedo SEAL is controlled by a single pilot and is able to accommodate an additional passenger, plus equipment.

Torpedo SEAL, which transits within a standard 533 mm submarine torpedo tube may be used for the following purposes:

- ✓ Extend the operating range of a combat team
- ✓ Underwater survey & reconnaissance
- ✓ Delivery of explosive ordnance
- ✓ Counter-narcotics & harbour patrol
- ✓ Mine countermeasure operations

Torpedo SEAL may also be easily stowed within the multi-purpose tubes being designed into future submarine designs, or beneath the outer casing of the submarine.

A fixed variant of Torpedo SEAL, without export licence requirements, is also available.

## Specification

### Performance

Sprint speed	4 kts
Cruise speed	3 kts
Max depth	50 m
Range	10 nm

### Dimensions (deployed)

Length	4 m
Beam	0.7 m
Height	0.6 m
Weight fixed variant (Carbon Fibre)	90 kg
Weight fixed variant (Polythene)	120 kg
Crew	2

### Dimensions (stowed)

Length	2.6 m
Beam	0.7 m
Height	0.6 m

Extractable payload section  
1700 mm



# SUB NAV

## Introduction

SubNav is an integrated computer based system, providing a state of the art tool for safe and easy operation of Torpedo SEAL. SubNav is based upon the SINC system common to all vehicles in The SEAL Pod.

## Sensors

- Digital depth transmitter
- 3-axis gyro compass
- Speed log
- GPS

## Connectors

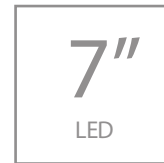
- Multipurpose Subconn
- GPS antenna
- Underwater camera
- USB 2.0

## Software

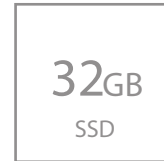
- Support for S-57, Electronic Navigational Chart standard
- Support for NMEA devices
- Battery monitoring system

## Environmental

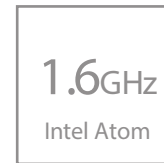
- Max depth: 50 meters
- Operating temperature (air): -10 - 50 °C
- Operating temperature (water): 0 - 35 °C
- Charge temperature: 0 - 50°C



Display



Storage

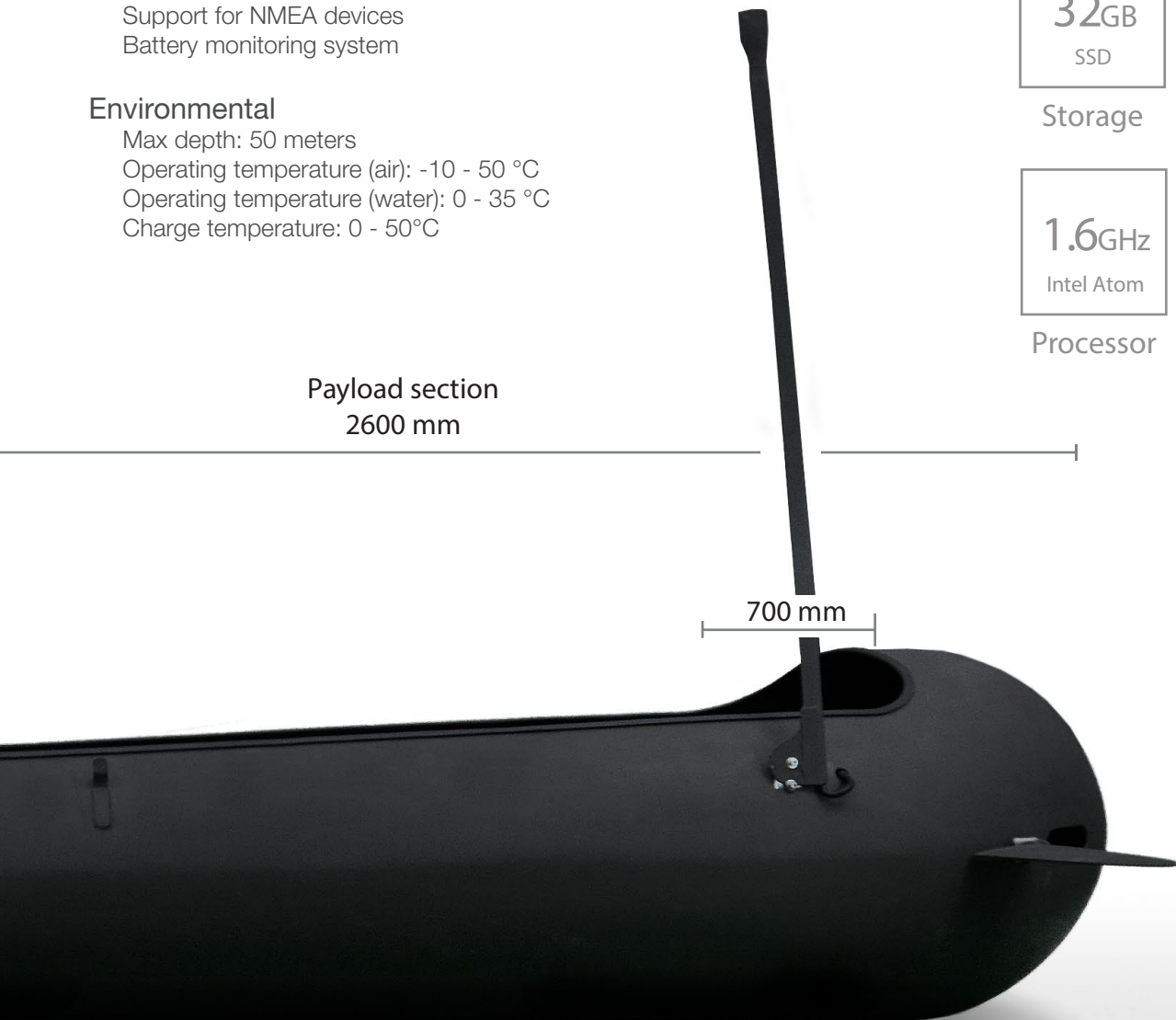


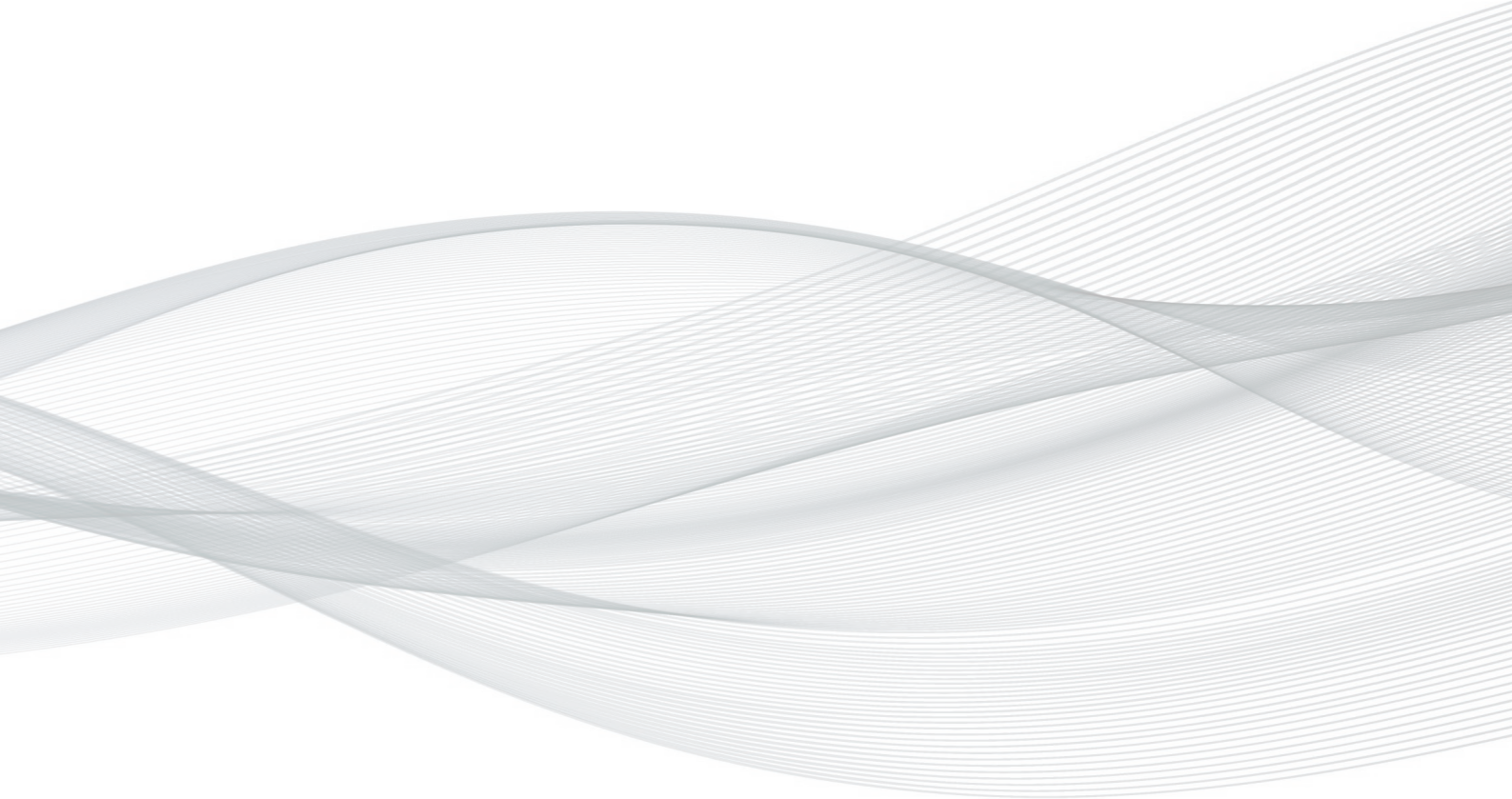
Processor

Payload section  
2600 mm

700 mm

600 mm





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