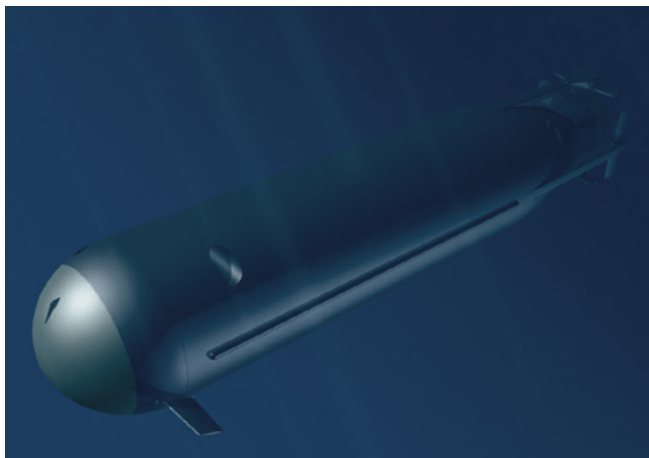


# Dry Sub Seal



Dry Sub Seal is a free-swimming Tactical Diving Vehicle with a dry one-atmosphere compartment for pilot and navigator and a second dry but floodable lock-in/lock-out compartment for tactical diver exit and re-entry.

The vehicle is designed to be compatible with a large dry deck shelter equipped submarine or can be surface launched and recovered from a floating platform or ship with an appropriate handling system.



## OBSTACLE AVOIDANCE

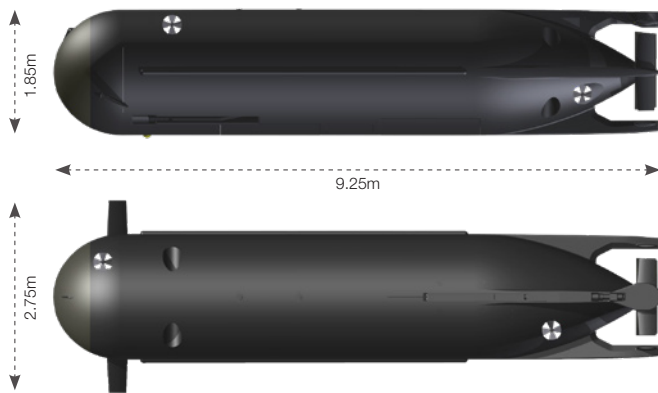
Dry Sub Seal incorporates an advanced highly effective forward looking obstacle avoidance sonar providing a clear picture of the sub-surface landscape ahead.

## POWER

Power is provided by lithium polymer batteries and a vectored-thruster arrangement, affording sprint speeds of greater than seven knots and a range of 96km.

## NAVIGATION

The Steering Information Navigation and Control (SINC) system combines data from the GPS, compass, echo sounder, DVL, sonar to provide precise navigation in all modes.



## SPECIFICATION

### PHYSICAL

Length stored	9.25m
Beam stored	1.95m
Height stored	1.85m
Length deployed	9.25m
Beam deployed	2.75m
Height deployed	1.85m
Weight	12,556kg
Payload (excluding divers)	100kg

### OPERATIONAL

Max depth	57m
Typical transit depth	10m
Persons	2 + 6
Surface max speed	N/A
Surface cruise speed	N/A
Surface range	N/A
Subsurface max speed	7 knots
Subsurface cruise speed	5 knots
Subsurface range	60nm
Thruster	20 kW