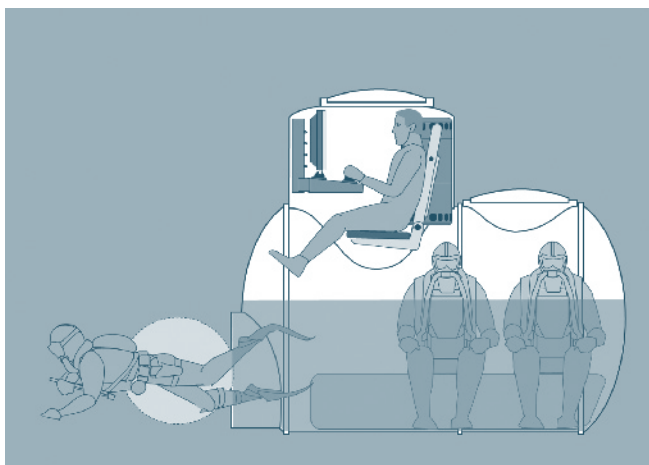


# Dry Carrier Seal



Dry Carrier Seal is a rapid insertion over the horizon Tactical Diving Vehicle (TDV) operated by two crew enabling the transportation of potentially up to ten Tactical Divers in a dry environment prior to a sub-surface lock-out.

With consideration to evolving underwater manoeuvre operational requirements and the challenges of operating discretely and covertly in the expanding littoral battle space, Dry Carrier Seal uniquely combines the capabilities of a high-speed long-range surface insertion craft with a miniature submarine. This unique combination of features offers maritime Special Operations Forces a highly advanced capability, enabling Tactical Diving operations to be expanded in time and space.

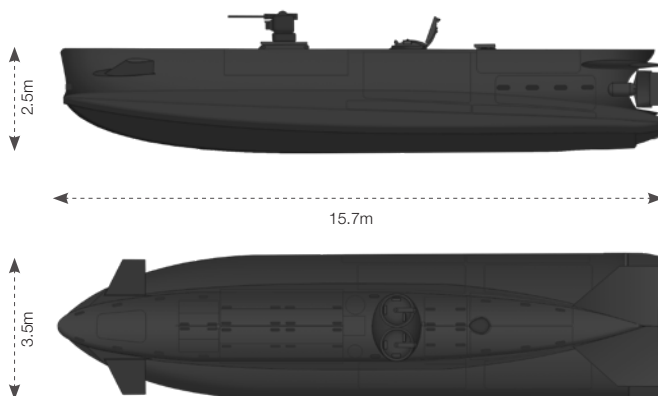


## DRY COMPARTMENT

The driver and vehicle Commander are positioned in the upper section of the one atmosphere capsule. Passengers are seated below crew.

## EXIT AND RE-ENTRY

When required to exit sub-surface, the one atmosphere capsule is partially flooded and pressure equalised with the external water pressure. Passengers may then open the forward lower hatch to exit and/or re-enter.



## SPECIFICATION

### PHYSICAL

|                            |  |
|----------------------------|--|
| Length stored              | 15.7m  |
| Beam stored                | 3.5m   |
| Height stored              | 2.5m   |
| Length deployed            | 15.7m  |
| Beam deployed              | 3.5m   |
| Height deployed            | 2.5m   |
| Weight                     | 13,000kg   |
| Payload (including divers) | 1,000kg in addition to:<br>2,000kg wet neutral buoyant |

### OPERATIONAL

|                         |  |
|-------------------------|--|
| Max depth               | 60m  |
| Typical transit depth   | 10m  |
| Persons                 | 2 + 6 or<br>2 + 10 (with enlarged capsule) |
| Surface max speed       | 35 knots                                   |
| Surface cruise speed    | 25 knots                                   |
| Surface range           | 250nm                                      |
| Subsurface max speed    | 6 knots                                    |
| Subsurface cruise speed | 5 knots                                    |
| Subsurface range        | 25nm                                       |
| Thrusters               | 2 x 20 kW                                  |
| Battery pack            | 4 x 20 kWh                                 |