



## Technical Specification for Pro-Dive Attender Dive Vessel



### Vessel General Description:

The vessel has been designed by Alnmaritec Ltd. and customized by Poseidon Marine Consultants for the specific task of serving as a close range dive support platform in an offshore environment. The vessel is to be launched and recovered from a dedicated “mother ship” support vessel. The dive craft is arranged to allow continuous surface air supply diving operations using two fully supported dive teams. When not in service the dive craft will be recovered to the stowed position onboard the mother vessel for replenishment, service and maintenance.

### Principal Particulars:

Length Overall:	12.2 m
Breadth Overall:	5.25 m
Depth:	1.60 m
Design Draft:	0.75 m @ 16,000 kg
Max Speed:	15 knots
Fuel Capacity:	1,000 liters
Lightship Weight	14.12 MT (estimated)
Operational Displacement	16 MT

### Propulsion System:

Vessel propulsion shall be achieved by twin water jet units, each powered by a diesel engine and linked by an associated reversing reduction gearbox.

Main Engines: Volva Penta D6-370, 6 cylinder, 4 stroke, 5.9 liter direct injected, turbo charged, after cooled marine diesel engines compliant with EPA Tier II emission standards.

Water Jets: Ultrajet 305HT high thrust water jets, coupled to gearbox via universal slip jointed Cardan shafts.