

# AMS 1

Dive Support Vessel



## VESSEL SPECIFICATION SHEET



### OVERVIEW

Primary Specification	
Registry:	WA DPI (Survey Exempt)
Class:	USL 2C Survey Exempt
Official Number/Unique Identifier:	7090
Length (Overall):	7.9m
Breadth (Moulded):	3.0m
Depth (Moulded):	1.1m
Design Draft (lightship):	0.6m
Gross Registered Tonnage:	10T
Vessel Weight (lightship):	8T
Clear Deck Space:	8m <sup>2</sup>
Deck Loading	3T/m <sup>2</sup>
Accommodation:	N/A

Machinery	
Propulsion:	Stern drive, counter rotating propellers
Main Engines:	2 x Volvo Penta D6 - 370HP
Total Propulsion Power:	276kW
Gear Box:	Volvo leg
Generator:	N/A
Bow Thruster:	N/A

Operational Performance	
Full Operating Speed:	28 Knots
Economic Operating Speed/consumption:	25 Knots/ 70L/Hr
Consumption at Idle:	7.7L/HR

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Revision 2.0



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Tank capacities	
Fuel:	0.5m <sup>3</sup>
Fresh Water:	N/A
Water Ballast:	N/A
Lube Oil:	N/A
Waste Oil:	N/A
Sullage:	N/A
Fuel Transfer Pump:	N/A
Bilge & Ballast Pump:	1 x 1" Jabsco bilge pump
Fire Pump:	N/A

Deck Machinery	
Deck Winch:	2T
Tugger Winch:	1 x tugger winch
Anchor Windlass:	N/A
Capstan:	1 x capstain
Stern Roller	N/A
Deck Crane	N/A
Transfer Locations	Port, Stbd
Misc Equipment	A-Frame, Moonpool, 2 x 35CFM drive compressors

Navigational/Communications	
Radar System:	N/A
Depth Sounder:	Lowrance Hook 4
HF Radio:	N/A
VHF Radio:	1 X ICOM IC M423G & 1 x GME 600 both WITH DSC
Compass:	Plastimo Offshore 135
GPS:	Raymarine A70
Chart Plotter:	Raymarine A70
Auto Pilot:	N/A
AIS:	Oceantalk AIS-700
MMSI:	503013790

Dive Support	
System:	2 Diver Air / Enriched Air Nitrox System
Compressor:	2 x 31CFM Abac Compressors
Tooling:	HPU & Compressor for wide variety of diver tooling



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