

AQUA DIVER II Specifications



A Self-propelled Barge specifically built to provide support to offshore oilfield maintenance and construction in shallow waters.

General

Description	: Self-propelled Barge
Built / Rebuilt	: 1982
Owner	: Aqua Diving Services Ltd
Port / Registry No.	: Sharjah / 4964
Class	: RINA – BAS + A1 + AMS
Official IMO Number	: 8522509
Builder	: Gulf Marine (GMMOS)

Tonnage

Gross Registered	: 351
Net Registered	: 105
Deadweight Tonnage	: 168 @ 1.25 metres draft

Capacities

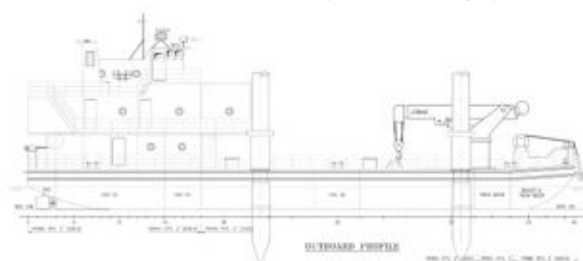
Fuel Oil	: 100 tons
Fresh Water	: 135 tons

Electrical

Generator Engines	: Two x GM Detroit diesel series 8V71 total output: 498 BHP
Portable Generators	: Aux portable deck generator 100 KVA

Life Saving Equip

Life Rafts	: 2 x 20 men inflatable : 2 x 8 men inflatable
Life Jackets / Buoys	: 30 / 8
Fire Extinguishers	: Dry Chem: 2 x 5kg : CO2: 4 x 7kg
Automatic System	: Engine rooms covered with Co2 system 6 x 45kg cylinders



Dimensions

Length Overall	: 36.58 metres
Beam Moulded	: 10.36 metres
Depth Moulded	: 2.75 metres
Draft	: 1.52 metres
Clear Deck	: 160 sq metres
Deck Uniform Loading	: 5 tons / sq metres

Operational Data

Peak Speed	: 5 knots at 100% RPM
Cruising Speed	: 4 knots at 85% RPM
Range	: 5,200 NM
Standard Crew	: 7
Total Berths	: 28
Fuel Consumption (peak)	: 2.0 tons / day
Fuel Consumption (cruising)	: 1.6 tons / day
Fuel Consumption (anchor)	: 0.3 tons / day

Propulsion

Main Engines	: Two x GM Detroit diesel series 8V71 total output: 498 BHP
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Deck Equipment

Mooring System	: 4 x 10 ton hydraulic winches : 4 x 2,000 LBS power anchors : 4 x 450m steel wire rope
Cranes	: Hydraulic telescopic pedestal crane 360 deg traverse, max SWL 8 tons boom length of 22-37 feet extendable : Hydraulic telescopic pedestal crane 360 deg traverse, max SWL 25 tons boom length of 55 feet extended
Spuds	: 2 x spud kgs for pinning down in up to 6m of water

Marine Equipment

Marine Radar	: Furano FR1941 radar
GPS	: 1 x Koden KGP 912; 1 x Koden GP
VHF Radio	: 1 x DSC; 2 x Sailor RT; 3 x portable
Autopilot	: 1 x Wagner MK IV

Living Quarters

Berths	: 28 (inclusive of crew) : 1, 2, 3 & 4 person berths
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