



DG-18M/32KNT MIDI Class PILOT BOAT

Purpose / Description: *This boat has been designed for the requirements of Pilotage Authority for the purpose of regular pilotage transfers in territories. This highly maneuverable and seaworthy boat enables its users to carry out this operations at high speeds within shallow waters / under up to sea state-7 (beaufort-8) rough sea conditions. Alternative models can be applicable for SEARCH & RESCUE, POLICE, COAST GUARD, FISHERY PATROL and CUSTOM purposes.*

Specifications:

Length (moulded & LOA) : 17.90 / 18.50 mts
 Length (water level) : 16.50 mts
 Beam (moulded & OA) : 5.00 / 5.70 mts
 Depth (moulded) : 2.40 metres
 Draft (moulded & extreme) : 1.10 / 1.50 mts
 Displacement (fully laden) : 32.00 t

Classification Society and certificates :

BV- HSC (High-Speed craft) or equivalent : DNV,ABS,LRS,RINA
 I+HULL+MACH, LIGHTSHIP
 PILOT BOAT, COASTAL AREA
 MCA

Propulsion and Main Engine:

2 x 800 kW highspeed diesels at 2100 rpm
 2 x 850 mm FPP propellers

Speed and Range:

Service Speed (%70 MCR) : 25 knots
 Maximum Speed : 32 knots
 Range (at service speed) : 300 nautical miles

Tank Capacities:

Fuel : 4400 litres
 Freshwater : 300 litres
 Sewage tank : 300 litres
 Oily water (bilge) tank : 250 litres
 Clean Lub-oil tank : 150 litres

Deck Equipment:

Electric driven anchor windlass & capstans
 6 bollards and warping chocks
 MoB rescue & lifting platform at transom
 David with 24 DC lifting winch SWL 250 kg

Auxiliary engines :

1 x 8 kW diesel generator

Life Saving Equipment :

1 x 16 persons inflatable life raft
 Buoys and life jackets min. as per rules
 Safety railing with quick release belt

Fire Fighting Equipment :

Fixed CO2 system for Engine room,
 Portable CO2 tubes and fire stations

Accommodation:

Crew : 3 persons
 Pilots : 12 persons (maximum)
 Wheelhouse
 Salon for pilots with Pullman type seat having safety belts
 Daily living room with buffet
 WC and shower
 One cabin with two berths
 Heating or cooling via A/C in all areas

Navigation Equipment:

48 n-miles Radar (combined with chart-plotter and GPS)
 Magnetic Compass
 Satellite compass or non-IMO gyro
 Auto-pilot
 DGPS & Chart Plotter
 Echo Sounder
 Navtex Receiver
 AIS
 Searchlight 1 x 1000 w
 Navigation lights
 Horn / Siren

Communication Equipment:

2 x VHF / FM DSC - Semi-dublex 25 W)
 1 handy VHF GMDSS
 Intercom & announce system
 EPIRB and SART
 CCTV system

General Specifications:

Full marine grade hull & aluminium structure construction
 Raised bow for good sea keeping and sea worthiness
 Double chine planning hull
 360 degree view at bridge
 Absorbing rubber fender system
 Ergonomic and comfortable internal layout
 Reinforced bow and fender for pushing and forward landing

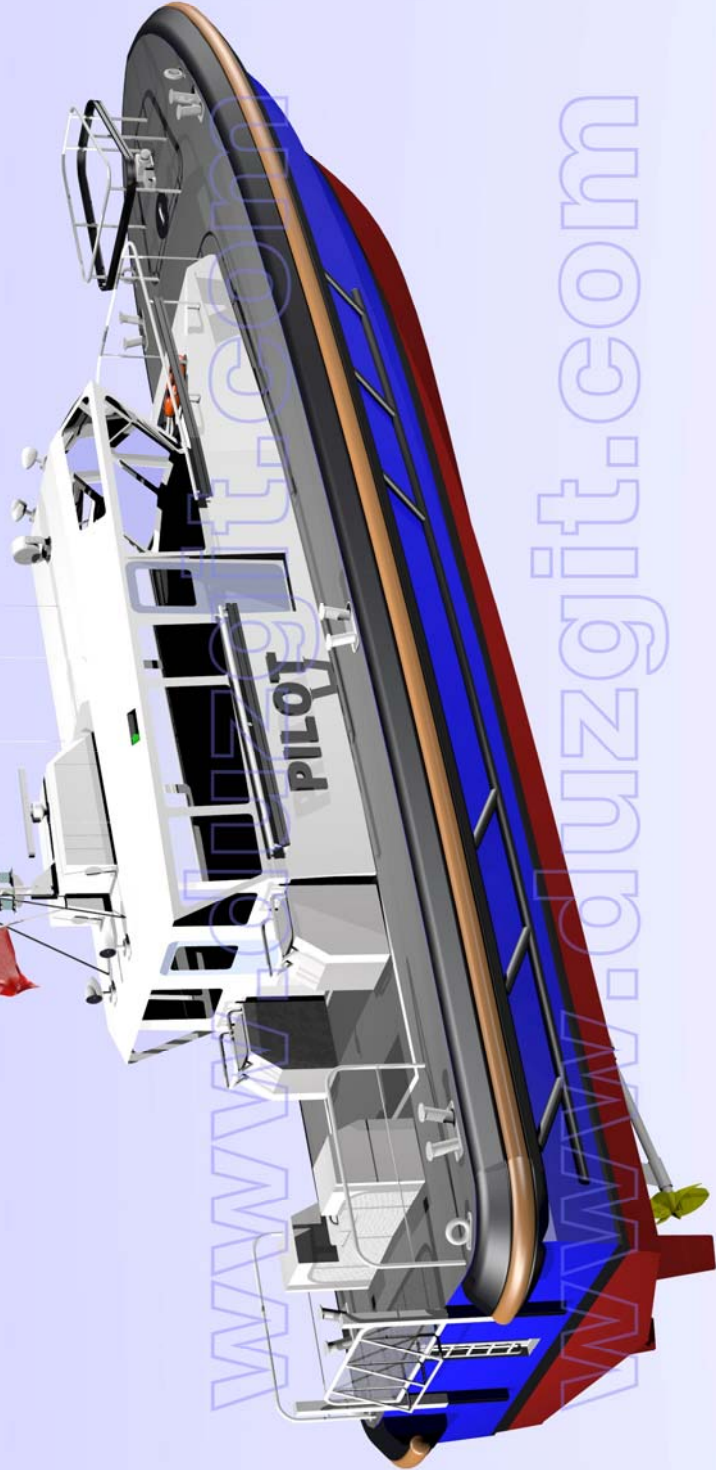
Optional Systems & Equipments:

Water-jets propulsion system
 Speed 40 knots acc to M/E power and propulsion system
 Self-righting
 Steel hull and marine grade aluminium super structure
 Bow thruster

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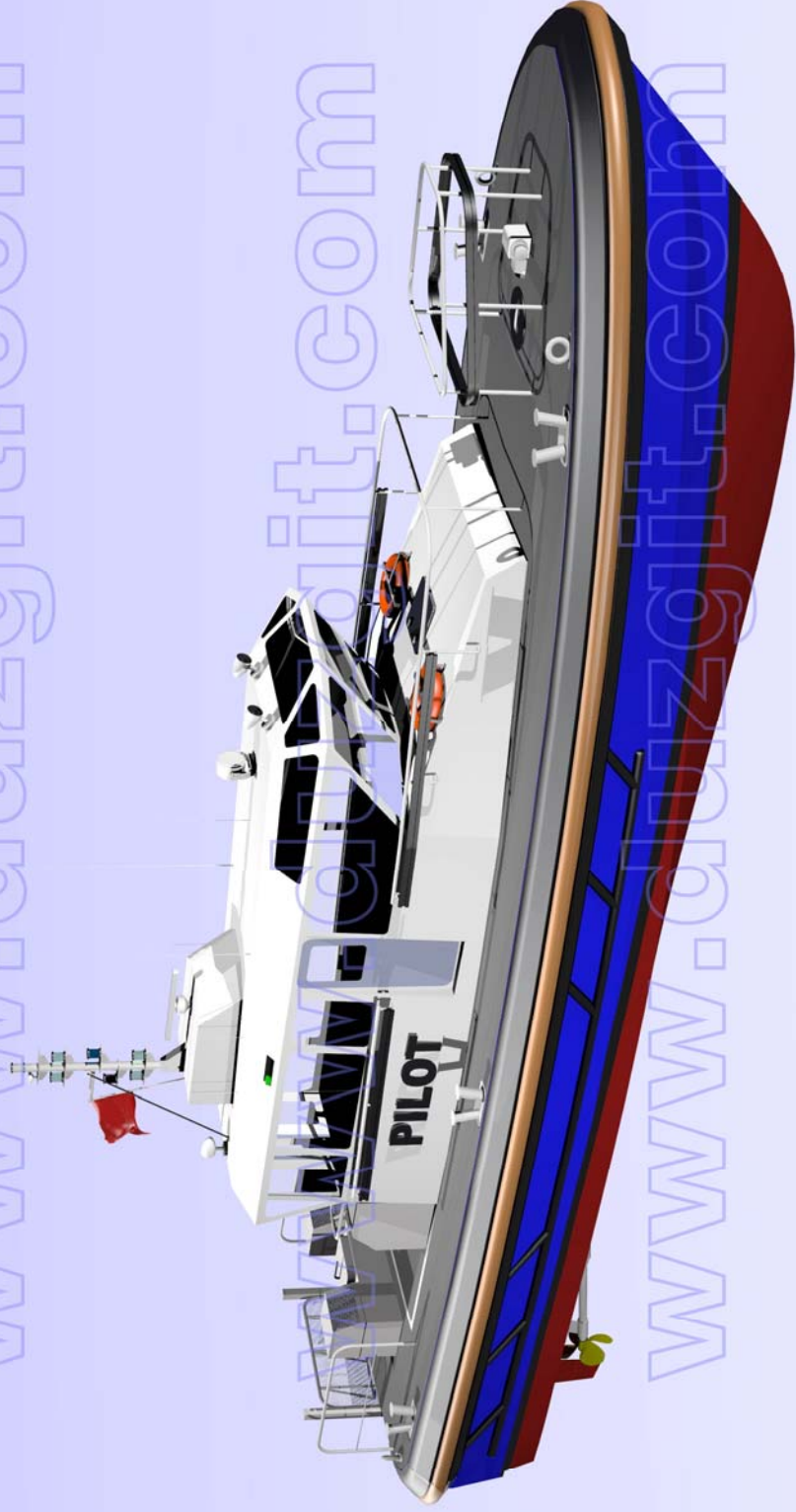


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