



## **DG-18M/26KNT 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)	:	1.20 / 1.60 mts
Displacement (fully laden)	:	39.00 t

### **Classification Society and certificates :**

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

### **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)	:	23 knots
Maximum Speed	:	26 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 & capstan  
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 nmiles 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:**

Steel hull construction with marine grade aluminium structure  
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  
Full marine grade aluminium hull & super structure construction  
Bow thruster



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