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# MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

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## “ATCO NOURA” 45.0 m Offshore Security Patrol Boat Saudi Sea Ports Authority



### BUILDER: TOR MARINE, TURKEY

#### PRINCIPAL DIMENSIONS

Length Overall (Hull):	45.00 m.
Length B.P.:	40.75 m.
Breadth Moulded:	8.00 m.
Depth Moulded:	4.60 m.
Draft Max:	2.40 m.

#### PROPULSION MACHINERY

Main Engines:	4x CAT 3516C - 3386 BHP.
Gear Boxes:	ZF.
Propellers & Shafting:	Bruntons.
Steering:	Wills Ridley.
Bow Thruster	99kw Schottel

#### CAPACITIES

Oil Fuel:	27,700 litres.
Fresh Water:	24,500 litres.
Lub Oil:	2,752 litres.
Sewage:	6,163 litres.
Foam:	10,400 litres.
Dirty Oil:	2,098 litres.
Sludge:	2,301 litres.
Oily Bilge:	2,255 litres.

#### DECK MACHINERY

Deck Crane:	Palfinger 12,4m Reach, 14,6mt lifting moment.
Windlass:	14mm - 8,6kw DATA.
Capstan:	Electrical 3 T DATA.
Rescue Boat	

#### PERFORMANCE

Speed Max:	32 Knots.
Speed Cruising:	18 Knots.

#### ACCOMMODATION

Sleeping, Washing and Messing for complement of 19.

#### CLASS

BV - I + Hull + Mach, Light Ship Patrol Vessel, SAE Area 4,  
+ AUT - UMS.

#### AUXILIARY MACHINERY

3x CAT C6.6 generators. Hamann AG Sewage Treatment unit. Heinen & Hopman HVAC system.



Registered in Scotland: No. 143359  
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