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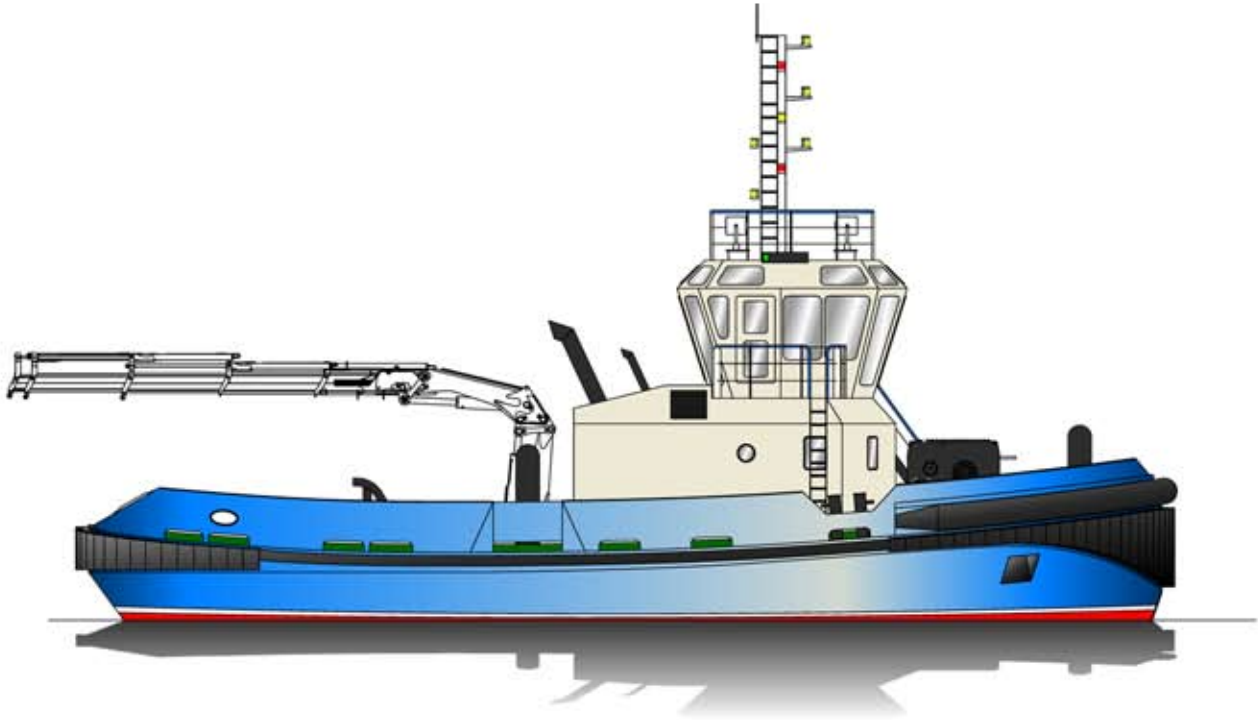
# MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

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## 21.00m ASD Tug



### PRINCIPAL DIMENSIONS

Length Overall (Hull):	21.00m
Length B.P.:	20.06m
Breadth Moulded:	9.20m
Depth Moulded:	3.90m
Aft Draft:	4.03m

### CAPACITIES

Oil Fuel:	40,880 Litres.
Fresh Water:	2,584 Litres.

### PERFORMANCE

Bollard Pull:	40 T Ahead 35 T Astern .
Speed:	10.5 Knots.

### PROPULSION MACHINERY

Main Engines:	x2 Caterpillar 3512C, 1350bkW at 1600 RPM.
Azimuth Units:	x2 Rolls-Royce US 155 FP
Propeller Diameter:	2000mm Dia.

### DECK MACHINERY

Bow Winch:	22 T.
Aft Winch:	22 T.
Anchor Windlass:	
Deck Crane	12.3T at 3.4 metres.

### CLASS

MCA - Category 2  
SFIA Construction standards less than 24m



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