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# MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

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## 36.5 m MMV For Port of London Authority



### BUILDER: MANOR MARINE, PORTLAND, UK

#### PRINCIPAL DIMENSIONS

Length Overall (Hull):	36.50m
Length B.P.:	34.00m
Breadth Moulded:	13.50m
Depth Moulded:	3.50m
Aft Draft:	2.20m

#### CAPACITIES

Oil Fuel:	72,000 Litres.
Fresh Water:	8,000 Litres.
Water Ballast:	167,000 Litres.
Crew:	up to 12 Persons.

#### PERFORMANCE

Bollard Pull:	30+ Tonnes.
Speed:	12 Knots.

#### AUXILIARY MACHINERY

2x Caterpillar C18 with Hydraulic pumps, and 169 Kw alternators.  
1x Caterpillar C4.4 harbour set - 69 Kw.

#### PROPULSION MACHINERY

Main Engines:	3x Caterpillar C32, 1000 Hp at 1600 Rpm Each.
Propellers:	3x Fixed nozzles, 1500mm Dia.
Gearboxes:	3x Twin Disc MGX 5321.
Ratio:	4.06:1
Thruster:	Kort KT 250, 1.93 T.

#### DECK MACHINERY

Deck Winch	NSW - Main Towing/ Lifting, 120 T,
Auxiliary Winch:	20 T,
6x Tugger Winches, 3x Capstans, 1x Anchor Winch	
Deck Crane:	2x SMT supply, KBT 11/20.1. 11 T @ 20.1m
Fore & Aft Rollers	170 T SWL.
Storage Reel	
Dredge 'A' Frame Aft	
Removable Lifting 'A' Frame Fwd	
Guide Pins Aft	
Spud Legs, 1fwd, 1 aft	

#### ACCOMMODATION

Day accommodation for maximum of 12 crew.



Registered in Scotland: No. 143359  
Registered Office: Johnstone House, 52-54 Rose Street, Aberdeen, AB10 1UD

