

# DUKE II



## GENERAL INFORMATION

Type of vessel	AHTS
Call sign	5BVM3
IMO number	9677947
Year of Build	2013
Shipyard	Gebr. Kooiman, The Netherlands
Flag	Cyprus
Class	Bureau Veritas 1 HULL MACH, Tug. Unrestricted navigation, AUT UMS, ICE-Class 1a Super
GMDSS	A1, A2, A3

## MAIN DIMENSIONS

Length overall	34,10 m
Beam	11,00 m
Depth	4,25 m
Draft	4,20 m
Free deck space	140 m <sup>2</sup>
Deck load	7 t/m <sup>2</sup>
Gross Tonnage	438 t
Nett Tonnage	131 t
Accommodation	10 ( 2 single / 4 x doubles )

## ENGINES / PROPULSION

Main engine type	S12 U MPTK	2 x Mitsubishi type S12 U MPTK
Output		2 x 3040 bhp / 2 x 2238 kW
Gearboxes		WAF 4566 2205 KW
Propulsion		2 fixed propellers in shot nozzles
Bow-Thruster		440 kW
Generators		2 x Mitsubishi 6D 16-TE2
Capacity		2 x 106 kW
Hydraulic Set		1 x Mitsubishi SGR-MPTAW4 635 Kw
Speed		10 knots
Bollard pull		80.5 t

## COMMUNICATION

Inmarsat-C		421200848 / 421200849
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## TOWING EQUIPMENT

Deck Crane		HEILA, SWL 25 t R7.5; 9.8t R16.3
Anchor Handling		Main drum with wire 1000 m,
Towing winch		Ø58 mm, 2 <sup>nd</sup> drum with wire 500 m, Ø58 mm Towing pins
Push Bow		Rubber Fender
Stern Roller		6000 x 1000 mm
Tuggers winch		2 x 8500 kN, wire 40 m, Ø18 mm

## BUNKER CAPACITY

Fuel Oil		302 m <sup>3</sup>
Fresh water		19.6 m <sup>3</sup>
Dirty Oil		4,6 m <sup>3</sup>
Lub.Oil		4,6 m <sup>3</sup>
Sewage		15.9 m <sup>3</sup>

