



# BUGSIER 19

<b>Call sign</b>	<b>DIBW</b>	
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<b>Build:</b>	<b>1997</b>	<b>Bollard Pull:</b>	<b>50 t</b>
<b>Classification:</b>	<b>GL + 100 A5 M E1 TUG+ MC E1 AUT</b>	<b>Speed:</b>	<b>12,0 kn</b>
<b>IMO Nr.:</b>	<b>915 847 2</b>	<b>Capacities:</b>	
<b>Length:</b>	<b>30,60 m</b>	<b>Fuel Oil Tks:</b>	<b>159,2 m<sup>3</sup></b>
<b>Breadth:</b>	<b>11,00 m</b>	<b>Fuel Oil Capa.</b>	<b>117,5 m<sup>3</sup></b>
<b>Draft:</b>	<b>5,18 m</b>	<b>Pot Water Capa.</b>	<b>24 m<sup>3</sup></b>
<b>Tonnage Measurement:</b>	<b>359 GT</b>	<b>Pot Water Prod.</b>	<b>1,5 m<sup>3</sup>/d</b>
<b>Airdraft (minimum):</b>	<b>15,35 m / shortened fixed mast</b>		

#### Propulsion System:

<b>Type:</b>	<b>Voith-Schneider Tractor</b>
<b>Main Engine:</b>	<b>2 x Deutz SBV 9 M 628</b>
<b>Total Power:</b>	<b>3690 kW</b>
<b>Propulsion:</b>	<b>Twin – Voith – Propeller 28 G II / 210</b>

#### Accommodation:

8 x berth

#### Towing Equipment:

<b>1 x waterfall double drum hydraulic towing winch:</b>	<b>20 t pull / 125 t breakhold</b>
<b>1 x drum</b>	<b>250 m / 42 mm dia. wire cap.</b>
<b>1 x drum</b>	<b>700m / 42 mm dia. wire cap.</b>
<b>1 x spare wire</b>	<b>750 m / 42 mm dia.</b>

#### Equipment:

Ample supply of portable Diesel- and electric submersible pumps. Combined anchor / mooring winch with 2 mooring drum 130 kN pull / 480 kN breakhold on foredeck

Extensive supply of spare wires, ropes, chains, shackles and bridles for deep-sea and harbour towage as well as salvage.

1 x capstan 66 kN pull on towing deck  
Deck crane on aft deck 0,95 t – 10 m

Stern slide for anchor handling  
(Anchor cannot be taken on deck)

#### Bridge:

<b>GMDSS A2</b>	<b>Gyro Compass</b>	<b>Mag. Compass</b>
<b>2 x VHF</b>	<b>2 x Radar</b>	<b>AIS</b>
<b>Mobile phone GSM</b>	<b>Echosounder</b>	<b>Navtex</b>
<b>DGPS</b>	<b>Autopilot</b>	<b>LRIT</b>
<b>2 x Searchlight each 1000 W</b>	<b>ECDIS</b>	