

## “WOLRAAD WOLTEMADE”

Deep Sea/Ocean-Going Tug



**PURPOSE BUILT FOR RESCUE TOWAGE ON THE SOUTH AFRICAN COAST**

### **SPECIFICATIONS**

Classification	Lloyds + A1 Tug + LMC
Built	1976, Leith, Scotland
Flag	St Vincent & The Grenadines
Port of Registry	Kingstown

### **MAIN DIMENSIONS**

Length OA	94,6 m
Breadth	15,8 m
Depth	8,6 m
Draught	7,52 m
GRT	2 918 T
NRT	875 T

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to ensure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.



**PROPULSION**

2 Mirrlees Blackstone 16 KVR Major four-stroke diesel engines driving a single CPP in a fixed nozzle.

Horse Power: 26 200IHP/19 200 BHP.

Twin rudders and a 800 BHP bowthruster provide the necessary maneuverability.

**SPEED**

The maximum speed in excess of 20 knots enables fast mobilisation to a casualty.

**BOLLARD PULL**

185 tonnes

**TOWING**

Two friction winches, with static loads of 320T and 180T incorporating spooling winches storing 2 000m of 70mm and 56mm diameter wire towing hawsers respectively. The system also includes a double drum bridle winch and a comprehensive stock of wire pennants, chains, shackles, towing springs and a spare 70mm tow wire.

**AUXILIARY ENGINES**

2 x MAK (4M351AK) and 2 x MAK (8M281AK) generators delivering a total of 2600 KVA

<b>FUEL CONSUMPTION / ENDURANCE / RANGE</b>				
<b>Operation / Speed</b>		<b>Fuel Consumption</b>	<b>Endurance</b>	<b>Range</b>
<b>Running Free</b>	Maximum Speed (20 <sup>+</sup> Knots)	42 Ton/day	38 days	18,240 Nm
	Economical Speed (13 to 15 Knots)	22.5 Ton/day	70 days	23,520 Nm
<b>Towing</b>	Oilfield Exploration / Rig Type Structure (4 to 5 Knots)	40 Ton/day	40 days	4,320 Nm
	Ship Shaped Structure eg FPSO (6 to 7 Knots)	40 Ton/day	40 days	6,240 Nm



## **NAVIGATION EQUIPMENT**

Automatic pilot	Gyro and magnetic compasses	GPS
Navigation systems	Doppler speed log	
Off-course alarm	Wind speed and direction finder	
Echo sounder	Depth alarm	
ARPA radars	Remote controlled search lights	

## **ACCOMMODATION**

Accommodation for 42 Persons : 28 Officers and Crew and 10 Cadets/ Passengers/ Supernumerary Personnel; including a 4 berth sick bay in case of emergency medical treatment being required.

## **FIREFIGHTING EQUIPMENT**

Fi-Fi equipment includes two fixed water monitors capable of dispensing water at 600 t/h each at a pressure of 15.5 bar high above the water line. Capacity to equip 10 trained fire fighters with fully self-contained firemen's outfits and auxiliary fire-fighting equipment.

## **COMMUNICATION EQUIPMENT**

Full GMDSS communications system, including: Telex over radio, Sat-B and Sat-C transceivers, weather facsimile receiver, fixed and portable VHF sets, and MF/HF SSB Transceiver as well as telephone communications between all major control stations, public spaces and cabins.

## **ADDITIONAL FEATURES**

Some of the additional features on board are :

- Lifting equipment which includes 1 x hydraulic crane & smaller portable pneumatic hoists,
- A power supply capable of providing 1 500 kW at 440 AC to disabled vessels,
- Electric fixed salvage air compressor of 975 m<sup>3</sup>/h (570 CFM),
- A 110 HP workboat, a 20 HP lifeboat as well as 2 semi-rigid rubber boats with 40 HP outboards' and
- An on board salvage store to cater for immediate rescue / salvage requirements including a range of portable salvage pumps and hosing.