

MARO

12000 HP AHTS Vessel



SPECIFICATIONS

GENERAL

- **Classification**
 - ✘ A1 Tug, Ice class 3, ✘ LMC, UMS
- **Flag** St. Vincent & The Grenadines
- **Port of Registry** Kingstown
- **Built** 1982
- **Refurbished** 2009

DIMENSIONS

- **Length, overall** 60.45 m
- **Breadth** 15.03 m
- **Draft** 6.25 m
- **Max. air draft** 22.00 m
- **Gross tonnage** 1749 t
- **Net tonnage** 524 t

MACHINERY

- **Main engines** 2 x MAK 16M453
12000 BHP (8825 kW each)
- **Auxiliary engines** 3 x G.M. 16V - 71N,
model: 71637005 - CPE628

- **Harbour generator** 1 x G.M. 6V - 71
model: 70647002 - CPE623
- **Winchmotor** 1 x G.M. 16V-71N
- **Main gearboxes**
Lohmann & Stolterfoht
- **Propulsion** CPP, make LIPS,
type: 4 C 11 S
- **Fuel separator** Westfalia
- **Lub oil separator** Westfalia

THRUSTER

- **Bow thruster** 1 x CPP, make LIPS

PERFORMANCE

- **Speed (max.)** 14.3 knots
- **Speed (average)** 12.4 knots
- **Bollard pull** 150 t
- **Power** 12000 HP

AH/LH TOWING EQUIPMENT

- **Anchor windlass** 1
- **Capstans** 1
- **Tugger winch** 1
- **Anchor handling** Towing / Anchor
handling

- **Towing pins** 1
- **Karmoy pins** 1
- **Stern roller** 1
- **Deck crane** 10 t @ 1,5 m

TANK CAPACITIES

- **Fuel** 1808 m³
- **Fresh water** 65,6 t
- **Ballast water** 73,0 t
- **Dirty water** 7,95 m³
- **Dirty oil** 13,55 m³
- **Fuel oil leakage tank** 5,42 m³
- **Sludge tank** 8,21 m³
- **Lub oil tank** 54,26 m³

ACCOMMODATION

26 persons

ADDITIONAL DATA

- **Clear deck area** approx. 180 m²
- **Safe Muster point** Safe haven / citadel
provided