

# JASCON 52/53

## 32 m - Multi Purpose Vessels



### SPECIFICATIONS

#### GENERAL

- **Classification**
  - ✘ A1, Towing Vessel, ✘ AMS
  - Unrestricted Service
- **Flag St.** Vincent & The Grenadines
- **Port of Registry** Kingstown
- **Delivered** 2014

#### DIMENSIONS

- **Length (overall)** 32.00 m
- **Breadth (moulded)** 14.50 m
- **Depth (moulded)** 3.65 m
- **Draft (min)** 1.70 m
- **Draft (max)** 2.95 m

#### TONNAGE

- **GRT** 416
- **NRT** 124
- **Loading capacity** 5 t / m<sup>2</sup>

#### MACHINERY

- **Main engines** 3 x Caterpillar C18, 600 BHP @ 1800 rpm each
- **Gearboxes** 3 x twin disc MGX 5170 Ratio 5.03 : 1

#### THRUSTER

- **Bow thruster** 1 x Veth Propulsion VCG-600, 99.9 kW, 380 V / 50 Hz / 3 Ph, rated speed 1000 rpm

#### PERFORMANCE

- **Speed** 10.5 knots
- **Bollard pull** approx. 29 T with main engine at 100% MCR, 18 T over bow
- **Endurance** approx. 23 days

#### DECK EQUIPMENT

- **Deck cranes** 2 x HS AKC 370HE2 Promac B.V. Knuckleboom cranes, SWL max. 20.1 T @ 13.1 m, 25.5 T @ 10.55 m, 32.8 T @ 8.42 m
- **Anchor Handling Winch** 1 x DMT AHW-H400 kN, hydraulic driven, 400 kN  
**Drum Capacity:** 100 m x dia. 40 mm wire rope, 4 layers  
**Brake holding force:** 1120 kN, 1st layer
- **Towing Winch / Tow Drum** 1 x DMT TW-H400 kN, hydraulic driven, 400 kN  
**Drum Capacity:** 500 m x dia. 40 mm wire rope, 7 layers.  
**Brake holding force:** 1120 kN, 1st layer
- **Tugger winch** 2 x DMT TGW-H80 kN, hydraulic driven, 80 kN  
**Drum Capacity:** 75 m x dia. 18 mm wire rope, 4 layers  
**Brake holding force:** 180 kN, 2nd layer
- **Anchor Mooring Winches** 1 x DEP EAMW – SD1.53/16.8 with ABS class certificate  
**Rated pull:** 15.34 kN x 10 m / min (1st layer)

**Brake holding:** 168.8 kN (static and 1st layer)

**Drum capacity:** 140 m dia. 19 mm SWR + 12.5 m dia. 19 mm anchor chain (5 layers)

#### ■ Anchor Mooring Winches

3 x DEP EAMW – SD1.53/16.8  
**Rated pull:** 15.34 kN x 10 m / min (1st layer)  
**Brake holding:** 168.8 kN (static and 1st layer)

**Drum capacity:** 140 m dia. 19 mm SWR + 12.5 m dia. 19 mm anchor chain (5 layers)

#### ■ Towing Pins / Shark Jaw

2 x DEP 100 T shark jaw & towing pin combination type

#### ACCOMMODATION

10 persons

#### TANK CAPACITIES

- **Fuel oil** 204 m<sup>3</sup>
- **Fresh water** 68 m<sup>3</sup>
- **Bilge water** 2.6 m<sup>3</sup>
- **Grey water** 17 m<sup>3</sup>
- **Ballast water** 58 m<sup>3</sup>

#### ADDITIONAL DATA

- **Clear deck area** approx. 260 m<sup>2</sup>
- **Safe Muster point** Safe haven / citadel provided