



BOURBON RHESOS

DP1 double azimuth stern tug
100 Metric ton bollard pull ahead
95 Metric ton bollard pull astern



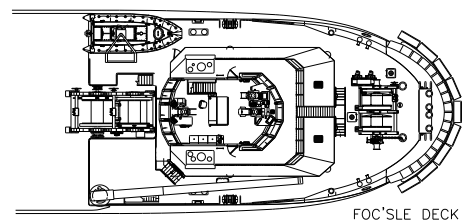
BOURBON RHESOS is a 100t AHT/terminal tug RAMPAGE 5000 Type.

This DP1 multi-purpose vessel is designed for terminal assistance, oil prevention and anchor handling functions.

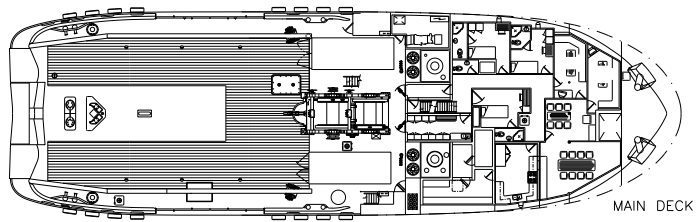
This short-hulled vessel is designed for high manoeuvrability with tow azimuth stern thrusters and one bow thruster. It is able to assist offshore oil and gas off-loading tankers either by pulling or pushing and also to assist rigs for anchor handling.

It is fitted with 2 double drum winches, one on the forecastle deck and one on the main deck. Each drum can be equipped with a tow line, offering added functionality. The vessel also offers a 210 m² open deck allowing transport of cargo and containers (including refrigerated) up to 20 ft.

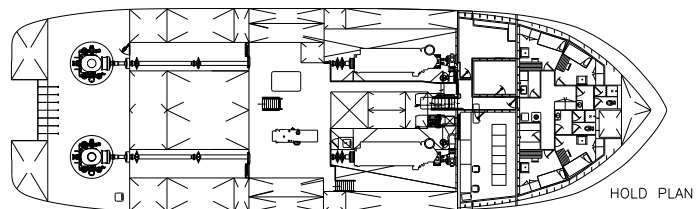
It is also equipped for fire-fighting (Fi-Fi I) and has two oil dispersant spray booms and oil recovery capacities.



FOC'SLE DECK



MAIN DECK



HOLD PLAN

T E R M I N A L T U G

REGISTRATION

Vessel Name: **BOURBON RHESOS**

Type: **DP1 double Azimuth Stern Driven Offshore Tug**

Year: **2006**

Owner: **Bourbon Offshore**

Flag: **Saint Vincent & Grenadine**

Builder: **Keppel Singmarine Singapore.**

Class: **BUREAU VERITAS 1 + HULL + MACH,
AUT-UMS, TUG, UNRESTRICTED NAVIGATION
FI-FI I, WATER SPRAYING, OIL RECOVERY**

Updated: 28-11-2019



TECHNICAL SPECIFICATIONS

TUG – BOURBON RHESOS



• MAIN PARTICULARS

DIMENSIONS

Length overall:.....49.50 m
Breadth moulded:.....15.00 m
Depth:.....6.75 m
Draft: (max):.....5.75 m
Deadweight:.....1,227 t
Bollard pull ahead:.....100 mt
Bollard pull astern:.....95 mt
Gross / Net tonnage:.....1, 375 / 612

CAPACITIES

Deck area: (17 x 13 m):.....210 m²
Deck cargo:.....200 mt
Fuel oil:.....590 m³
Drill water:.....528 m³
Fresh water:128 m³
Lube oil:10 m³
Dispersant:26 m³
Foam:23 m³

DELIVERY RATES

Fuel oil:.....100 m³/h @ 7 bars
Ballast:.....100 m³/h @ 8 bars
Fresh water:.....80 m³/h @ 7 bars

FO monitoring system for main engines.
FO monitoring for FO cargo system.

ACCOMMODATIONS

Accommodations for:.....22 pers
Single cabins:.....6
2 man cabins:.....8
Hospital:.....1
Mess / day rooms, laundry, galley, stores, offices, hospital
Fully air conditioned

• MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:.....2 x 3,981 Bhp / 2970 kW
Propellers/Rudders:2 Azimuth stern drive CPP / 2970 kW
Bow thruster:350 kW Tunnel
Auxiliary generators:2 x 250 kW + 1 x 580 kW
Emergency generator:99 kW

SPEED / CONSUMPTION

Maximum speed (100%):.....24.3 t/day at 14 knots
Service speed (80%):.....20 t/day at 10 knots
Economic speed (50%):.....12.5 t/day at 7.5 knots
Stand by at sea:.....7.2 t/day
Stand by at port:.....1.7 t/day
DP consumption:.....23.27 t/day

• EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Main deck anchor handling/Tow winch:1 hydraulic waterfall double drum.
- Line pull (1st Layer) / Brake Hold (1st Layer):.....150 t / 350 t
- Towing drum capacity:.....1x 1,000 m / Ø 64 mm
- Spare tow wire:.....1x 1,000 m / Ø 64 mm
Forecastle deck winch:1 hydraulic double drum windlass / hawser:
- Line pull (1st Layer) / Brake Hold (1st Layer):75 t / 250 t
- Wire capacity:.....1 drum sized for 350m of 64 mm wire
1 drum sized for 250m of 80 mm wire
Tuggers:.....2 x 10 t
- Wire capacity2 x 250m of 24mm wire
Capstans:.....2 x 5 t
Towing pins:.....1 pair of 350 t
Shark Jaws:.....1 x 350 t
Stern roller:.....200 t SWL
Towing hook:.....120 t remote released
Bow tow staple:200 t SWL
Deck crane: (telescopic):.....2 t at 15 m (quay lift)
Bow fender:.....Bore cylindrical 400 mm upper
W block type 400 mm lower
FPSO hose flushing:.....2 x 14" valved flange connections
Reefer / freezer box connections:3 x 440V/60 Hz

ANTI-POLLUTION SYSTEM

Dispersant pump:1x 35 m³/hr with 6 % diluted dispersant
- Dispersant booms:2x 7 m with 5 spray nozzles
- Dispersant tank:1x 26 m³
- Oil recovery capacity:116 m³

ELECTRONICS

NAVIGATION

2 radars with ARPA
1 magnetic compass, 1 autopilot system 1
navtex, 1 speed log, 1 echo-sounder, weather fax
1 AIS, 2 Satnav GPS, 1 VDR

COMMUNICATION

1 radio system compliant with GMDSS A3
2 SART, LRIT, MH / HF radio, Telex, DSC receiver, Sat CI, C2
Inmarsat fleet 77, EPIRB, Intercom system, Vsat internetphone
2 fixed VHF / UHF, 2 handheld VHF / UHF, Iridium

DYNAMIC POSITIONING SYSTEM

Type BEIER IVCS 2000:.....Class DP1
Sensors and monitoring as per class I requirements
3 Fanbeam/Cycscan/Other, 2 DGPS, 4 USBL, 5 Gyro/Wind sensor
1 joystick

SAFETY EQUIPMENT

Monitors: 2x 1,200 m³/hr. each
- Fire-fighting pumps: 2 x 1,500 m³/hr. each
- Water / Foam throw: 75 m
- Deluge system: self protecting water spray system
Life saving arrangement: lifejackets (x27), liferafts (4x25), suits (x16)
Rescue boat 6 pax, work boat 6 pax

All particulars believed to be correct but not guaranteed

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