

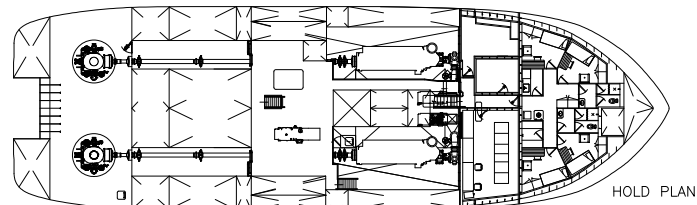
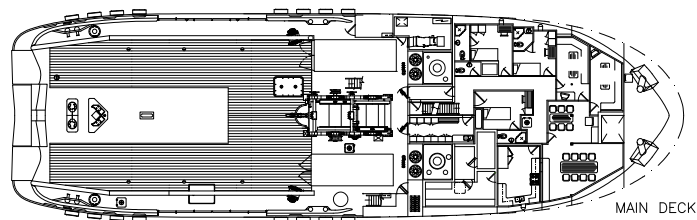
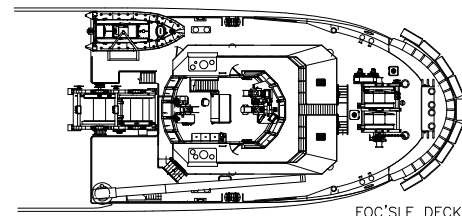


BOURBON RHESOS

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.



TERMINAL TUG

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: 09-01-2012



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 m ²
Deck cargo:	200 mt
Fuel oil:	590 m ³
Drill water:	528 m ³
Fresh water:	128 m ³
Lube oil:	10 m ³
Dispersant:	26 m ³
Foam:	23 m ³

DELIVERY RATES

Fuel oil:	100 m ³ /h @ 7 bars
Ballast:	100 m ³ /h @ 8 bars
Fresh water:	80 m ³ /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 capacity:	2 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 m ³ /hr with 6 % diluted dispersant
- Dispersant booms:	2x 7 m with 5 spray nozzles
- Dispersant tank:	1x 26 m ³
- Oil recovery capacity:	116 m ³

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/Cyscan/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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