

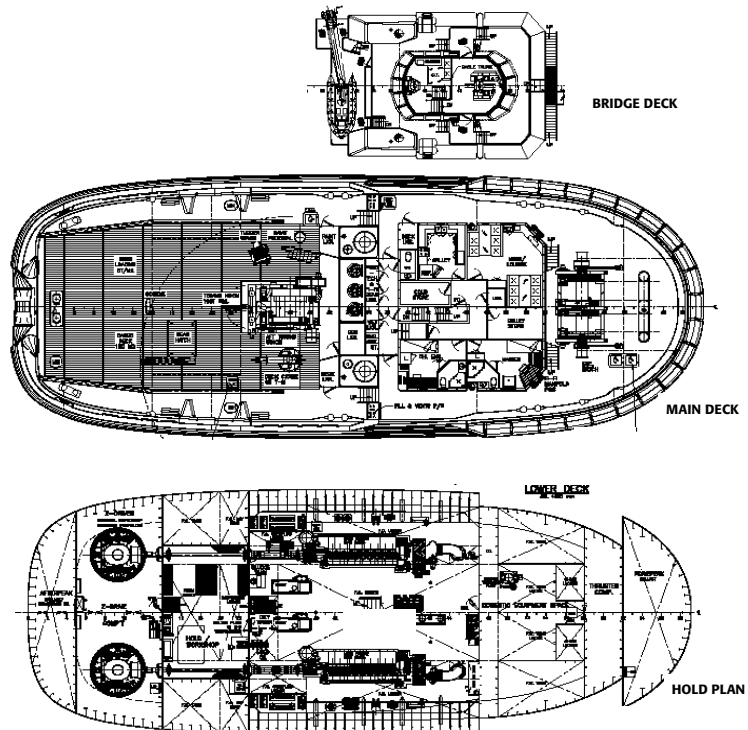


RASTAR 3800 Series

Double azimuth stern tug
100 Metric ton bollard pull ahead
95 Metric ton bollard pull astern



BOURBON YACK is a 100 t terminal/ Escort tug, RASTAR 3800 Series. Highly manoeuvrable, powered by two azimuth thrusters and fitted with a bow thruster together with a short hull. It is able to assist offshore oil and gas off-loading tankers either by pulling or pushing. It is fitted with one double drum winch, on the forecastle deck and one simple drum winch on the main deck. Each drum can be equipped with a tow line, offering added functionality. In addition, it offers a 96 m² deck space for material and 20 ft containers, even refrigerated, as well as a Fire-Fighting I capability. It also has two oil dispersant spray booms.



TERMINAL TUG

REGISTRATION

Vessel Name: **RASTAR 3800 Series**
Type: **Double Azimuth Stern Driven Offshore Tug**
Year: **2009**
Owner: **Bourbon Offshore.**

Builder: **GRANDWELD, DUBAI.**
Class: **BV 1 + HULL, + MACH, + ESCORT TUG, AUT- UMS ALM, UNRESTRICTED NAVIGATION, FI-FI I, WATER SPRAYING.**
Flag: **Luxembourg.**

Updated: 06-05-2014



TECHNICAL SPECIFICATIONS

TUG – RASTAR 3800 Series



• MAIN PARTICULARS

DIMENSIONS

Length overall:.....	38.00 m
Breadth moulded:.....	14.50 m
Depth:.....	6.55 m
Operating draft:.....	7.30 m
Bollard pull ahead:.....	100 t
Bollard pull astern:.....	95 t
Deadweight:.....	602 t
Gross tonnage:.....	804
Net tonnage:.....	241

CAPACITIES

Deck area:.....	105 m2
Deck cargo: (5 t/m2):.....	100 t
Fuel oil:.....	316 m3
Fresh water:.....	109 m3
Ballast water:.....	135 m3
Dispersant:.....	on deck
Foam:.....	20 m3

DELIVERY RATES

Fuel oil:.....	2x 50 m3/h at 3 bar.
Bilge/ballast pump:.....	2x 32 m3/h at 4.5 bar.
Fire/ballast/general service pump:.....	2x 38m3/h at 4.5 bar.
Fire detergent pump:.....	2x 38 m3/h at 4.5 bar.

ACCOMMODATIONS

Accommodations for:.....	10 pers
Single cabins:.....	2
2 man cabins:.....	4
Mess / day rooms, laundry, galley, stores, office.	
Fully air conditioned.	

• MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:.....	2 x 2,970 kW
Propellers:.....	Z-drive nozzles,Schottel SRP 3030CP
Auxiliary generators set:.....	2 x 250 kW
Emergency generator:.....	1x 83 kW
Bow thrusters:.....	224 kW Tunnel

SPEED / CONSUMPTION

Maximum speed:.....	12.5 knots @ 22 m3/24h.
Cruising speed:.....	10.5 knots @ 14.5 m3/24h.
Consumption at cruising speed:.....	7 knots @ 8.2 m3/24 h.

• EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Main deck:

- 1 Hydraulic drum AHT winch,
- Line pull (1 st layer): 80 t @ 0-6 m/min.
- Brake hold (1 st layer): 150 t.
- Wire capacity: 650 m, diam. 56 mm steel wire rope.

Forecastle deck:

- 1 Hydraulic double drum windlass hawser winch..
- Line pull (1st layer):.....80 t @ 0-6 m/min.
- Brake hold(1st layer): 150 t.
- Rope capacity :2x 300 m of 68 mm (Dyneema).
- Tugger winch:.....1x 10 ton line pull.
- Towing pins:..... 1 pair 200 tons SWL
- Gob eye:1x 100 tons SWL, flush mounted.
- Stern roller: 95 tons SWL.
- Towing hook:100 tons remote released.
- Deck crane:1x 6.5 tons @ 7.90 m.
-1x 7.5 tons @ 7.70 m (offshore condition).
- Deck fittings:10 x 10 tons SWL.

SAFETY EQUIPMENT

- Fire-fighting pumps:2 x 1,650 m3/hr.
- Monitors:2 x 1,200 m3/hr.
- Deluge system.
- Life saving arrangement
- Stand by rescue equipment
- 4x 10 man liferafts Viking with equipment.

ELECTRONICS

- NAVIGATION

- 2 radars ARPA.
- 1 gyrocompass.
- 1 echo sounder + repeater.
- 1 speed log.
- 1 wind speed indicator.
- 1 autopilot.
- 1 GPS (DGPS) + repeater.
- Navtex.
- WAAS chart plotter.
- AIS.
- CCTV system.

- COMMUNICATION

- 1 radio system compliant with GMDSS A3.
- Broadband 500.
- Sat phone & data, inmarsat fleet 77.
- 2 VHF.
- EPIRB.
- 2 SART.

All particulars believed to be correct but not guaranteed

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