This medium size Anchor Handling Tug Supply Vessel has been designed by CONAN WU to carry out general services for the offshore industry. It was fitted with a class 2 DP system, Fi-Fi I system, and easy to upgrade for stand-by/service duties and DP class II. It is equipped with a waterfall double drum winch with large capacity suitable for towing, anchor handling and offshore terminal operations.

REGISTRATION

Vessel Name: BOURBON ARCADIE
Type: AHTS 120 t. DP2 vessel.
Year: 2009 / Flag: French
Owner: Bourbon Offshore

Builder: Bharati shipyard - India.
Class: BV. Class 1, Hull, Mach, Tug, Supply Vessel, Unrestricted navigation, Fifi I Water spray, DYNAPOS AM/AT-R (Class 2), AUT-UMS, Optional: Special Service/Stand by Rescue Vessel.

Updated: 02-12-2014
**MAIN PARTICULARS**

**DIMENSIONS**
- Length overall: 68.60 m
- Breadth moulded: 15.40 m
- Depth: 7.00 m
- Draft: 6.40 m
- Deadweight: 2,100 t
- Bollard pull: 120 t

**CAPACITIES**
- Deck area: (5.0 t/m²) (36.00 x 12.00 m) 430 m²
- Deck cargo: 800 t
- Fuel oil (with daily tanks): 1,230 m³
- Drill water/Water ballast: (include chain locker): 700 m³
- Fresh water: 264 m³
- Dry bulk/Cement: 250 m³
- Chain locker / DW/ Brine: 200 m³
- Dispersant: 15 m³
- Foam: 24 m³

**DELIVERY RATES**
- Fuel oil: 150 m³/h at 9 bars
- Drill water: 150 m³/h at 9 bars
- Fresh water: 150 m³/h at 9 bars
- Liquid product: 2 x 75 m³/h at 15 bars
- Dry Bulk/Cement: 2 x 1,800 m³/h at 5.6 bars
- Chain locker / DW/ Brine: 75 m³/h at 15 bars

**ACCOMMODATIONS**
- Accommodations for: 30 pers
- Single cabins: 6
- 2 man cabins: 8
- 4 man cabins: 2
- Hospital: 1
- Mess / Day rooms, Laundry, Galley, stores, Office.
- Fully air conditioned.

**MACHINERY / PERFORMANCE**

**PROPULSION - MACHINERY**
- Main engines: 2 x 4,000 kW
- Propellers: 2 type CCP
- Bow thrusters: 2 x 600 kW
- Stern thruster: 600 kW
- Shaft generators: 2 x 1,600 kW
- Auxiliary generators: 2 x 350 kVA
- Emergency generator: 60 kW

**SPEED / CONSUMPTION**
- Maximum speed (100%): 38/40 t/day at 14 knots
- Service speed (80%): 25/28 t/day at 12 knots

**EQUIPMENT & ELECTRONICS**

**DECK EQUIPMENT**
- Main winch: 1 electro-hydraulic high pressure winch.
- 2 declutchable drums in waterfall arrangement.
- Rated pull: 250 t at 6 m/min.
- Brake holding load: 320 t
- Drum size: 900/2,500 mm x 2,500 mm length
- Drum capacity: 2,000 m of 3”
- Windlass: 1 combined mooring and windlass winch.
- Stern roller: 300 mt SWL
- Towing pins: 1 pair 300 t SWL
- Shark jaws: 2 of 300 t SWL
- Tuggers: 2 x 11 t at 18 m/min
- Capstans: 2 x 10 t at 15 m/min
- Deck provisions crane: 2 t at 15 m

**SAFETY EQUIPMENT**
- Fire-Fighting (FI-FI): 2 pumps of 1,500 m³/h
- 2 monitors of 1,200 m³/h
- MOB boat
- Life saving arrangement
- Stand-by rescue equipment for 150 survivors: (optional)

**ELECTRONICS**

**NAVIGATION**
- 2 radars
- 3 gyrocompasses
- 1 magnetic compass
- 1 digital echo-sounder
- 1 speed log
- 1 autopilot system
- 2 DGPS/GPS, 2 UPS
- 1 Fanbeam
- Search lights (manual)

**COMMUNICATION**
- 1 radio system compliant with GMDSS A3
- 1 SSB Duplex DSC
- 2 INMARSAT C
- 2 VHF, EPIRB

**DYNAMIC POSITIONING SYSTEM**
- Type: Class DP2
- Sensors and monitoring as per class 2 requirements

---

*All particulars believed to be correct but not guaranteed*

Bourbon Offshore - 148, rue Sainte - 13007 Marseille - France
Internet: www.bourbon-online.com - E-mail: bourbon-offshore@bourbon-online.com