



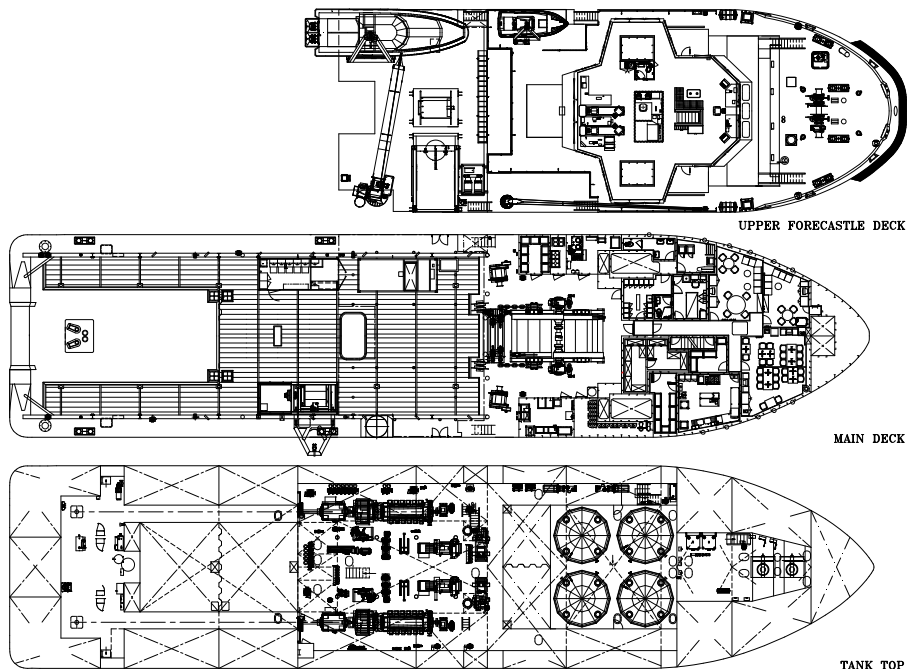
BOURBON ASTYANAX

DP 2 Anchor handling tug supply vessel
120 Metric ton bollard pull
250 Metric ton line pull winch



This medium size Anchor Handling Tug Supply Vessel has been designed by CONAN WU to carry out general services for the offshore industry and the following duties:

- Light subsea installation.
 - ROV operation.
- It is fitted with a class II DP and Fi-Fi I system. It is equipped with a waterfall double drum winch with large capacity suitable for towing, anchor handling and offshore terminal operations.



ANCHOR HANDLING TUG SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON ASTYANAX**
Type: **AHTS DP2 vessel CONAN WU Design**
Year: **2006** / Flag: **FRENCH**
Owner: **Bourbon Offshore**

Builder: **Keppel Singmarine - Singapore**
Class: **BV. 1 + Hull, + Mach, Tug, Supply Vessel, Unrestricted navigation, Fifi I Water spray, + AUT-UMS, + DYNAPUS AM/AT R (Class 2),**
Optional: **Special Service/Stand by Rescue Vessel.**

Updated: 14-04-2011



TECHNICAL SPECIFICATIONS

AHTS - BOURBON ASTYANAX



MAIN PARTICULARS

DIMENSIONS

Length overall:	67.00 m
Breadth moulded:	15.40 m
Depth:	7.00 m
Draft:	5.95 m
Deadweight:	2,100 t
Bollard pull:	120 t
Gross/Net tonnage:	2,310 / 693

CAPACITIES

Main deck area: (5.0 t/m2):	(35 x 12 m) 420 m2
Deck cargo: (maxi):	1,200 t
Free deck area: (24.6 x 12 m)	295 m2
Fuel oil:	1,230 m3
Drill water:	500 m3
Fresh water:	270 m3
Liquid mud / Brine:	400 m3
Dry bulk/Cement:	250 m3
Chain locker / Brine / Mud:	200 m3
Dispersant:	15 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 mud:	75 m3/h at 15 bars
Dry Bulk / Cement:	2 x 1,800 m3/h at 5.6 bars
Chain locker / Brine / Mud:	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 4,060 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

Service speed (80%):	23 t/day @ 12 knots
Economic speed:	14 t/day @ 8 knots
Average DP2 consumption:	11 t/day

EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Main winch: Composed of 1 Electro-Hydraulic high pressure winch and 2 declutchable drums in Waterfall arrangement.
 Rated pull: 250 t @ 8.5 m/min
 Brake holding load: 320 t
 Drum size: 1,050/2,500 mm x 2,600 mm length
 Drum capacity: 2,030 m of 76 mm/2,848 m of 64 mm
 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 @ 18 m/min
 Capstans: 2 x 10 t @ 15 m/min
 Deck provisions crane: 2 t @ 15m
 Offshore crane (Daf 1.6): 6 t @ 16m, 12 t @ 10m
 AHC winch ODIM: 30t pulling capacity @ 1,500m depth
 ROV arrangement: (147 m2) Mezzanine deck
 - A-Frame 8t SWL with winch: 2,090m umbilical/35mm wire dia.
 - Lars HPU Centurion + Compact TMS.
 - ROV control van / work shop: (on main deck) 2x 20' containers.

SAFETY EQUIPMENT

Fi-Fi1: 2 pumps of 1,500 m3/h & 2 monitors of 1,200 m3/h.
 Work boat: FRC with davit, (Mare MSDC12) 24 pax / 30 knds.
 MOB boat with davit & life saving arrangement.
 Standby 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
1 UPS
2 DGPS
1 GPS
1 HIPAP 500

COMMUNICATION

1 radio system compliant with GMDSS A3
1 SSB Duplex DSC
2 INMARSAT C/2 VHF EPIRB
1 INMARSAT

DYNAMIC POSITIONING SYSTEM

Type: Class DP2.
 - Sensors and monitoring as per class 2 requirements.

All particulars believed to be correct but not guaranteed

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