



BOURBON ASTYANAX

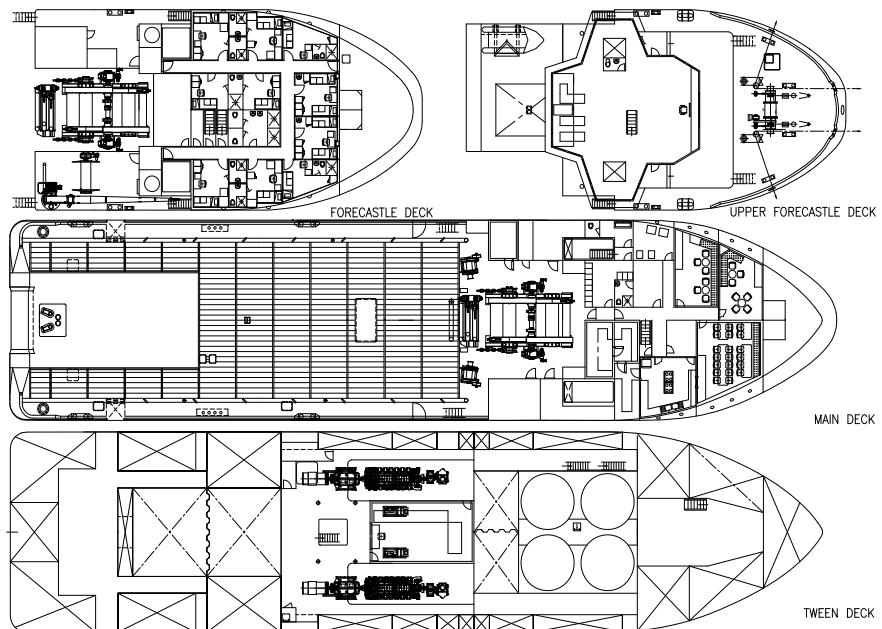
DP 1 Anchor handling tug supply vessel
120 Metric ton bollard pull
250 Metric ton line pull winch



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

It is fitted with a class I DP system, Fi-Fi I system, and easy to upgrade for standby/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.



ANCHOR HANDLING TUG SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON ASTYANAX**
Type: **AHTS DP1 vessel CONAN WU Design**
Year: **2006** / Flag: **FRENCH**
Owner: **Bourbon Offshore**

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

Updated: 16-04-2010



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 tonnage:	2,310
Net tonnage:	693

CAPACITIES

Deck area:	(35 x 12 m) 420 m ² @ 5.0 t/m ²
Deck cargo:	1,200 t
Fuel oil:	1,230 m ³
Drill water:	500 m ³
Fresh water:	270 m ³
Liquid mud / Brine:	400 m ³
Dry bulk/Cement:	250 m ³
Chain locker / Brine / Mud:	200 m ³
Dispersant:	15 m ³
Foam:	24 m ³

DELIVERY RATES

Fuel oil:	150 m ³ /h at 9 bars
Drill water:	150 m ³ /h at 9 bars
Fresh water:	150 m ³ /h at 9 bars
Liquid mud:	75 m ³ /h at 15 bars
Dry Bulk / Cement:	2 x 1,800 m ³ /h at 5.6 bars
Chain locker / Brine / Mud:	75 m ³ /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

Maximum speed (100%):	38 t/day @ 14 knots
Service speed (80%):	32 t/day @ 12 knots
Economic speed:	24 t/day @ 9 knots

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 @ 15 m

SAFETY EQUIPMENT

Fire Fighting (Fifi 1):	2 pumps of 1,500 m ³ /h. 2 monitors of 1,200 m ³ /h.
MOB boat with davit.	
Life saving arrangement.	
Standby Rescue Equipment for 150 survivors: (optional).	

ELECTRONICS

NAVIGATION

2 radars
1 gyrocompass
1 magnetic compass
1 digital echo-sounder
1 speed log
1 autopilot system
1 GPS

COMMUNICATION

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

DYNAMIC POSITIONING SYSTEM

Type:	Class DP1.
- Sensors and monitoring as per class I requirements.	

All particulars believed to be correct but not guaranteed