

## 2011 BUILT DP2 AHTS WITH BP 80.5 T / FIFI 1 CLASS



Vessel is built to DNV-GL Class with Notation:  
✱1A1 Fire fighter (I) Tug DYNPOS(AUTR) E0 SF "

Designed for servicing Oil drilling rigs, Semi-submersible and jack up rigs, production platforms, with a Total horse power of 6130 BHP, and a Bollard Pull of 80.5 MT. Having twin Controllable Pitch propellers in kort nozzles, Twin rudders, One Azimuth Thrusters and tow bow thrusters.

She is equipped with Dynamic Positioning System Class 2 & fitted with Fire Fighting Class 1

**DP2 AHTS / BP 80.5 T / FIFI 1 CLASS**

**Principal Particulars**

Flag	Belize
Built	2011
Class Notations	1A1 Fire fighter (I) Tug DYNP OS(AUTR) E0 SF
IMO No.	
Call sign	
Bol lard Pull	80.5 MT

**Dimensions**

Length Overall	61 m
Length B.P.	54 m
Beam	15.8 m
Depth	6.8 m
Scantling draft	5.5 m
G.R.T	1855
N.R.T	612

**Discharging Rates**

Fresh Water	1 x 150 m3/hr @ 60m head
Fuel Oil	1 x 150 m3/hr @ 60 m head
Drill Water	1 x 120 m3/hr @ 60 m head
Liquid mud	2 x 60 m3/hr @ 60 m head
Cement/Barite	2 x 19.3 m3/hr @ 5.6 bar
Flow Meter	Provided for FO and FW

**Anti-Pollution**

2 Spray Booms 8m (6 Nozzles each)	
Dispersant tank	21.3 m3

**Fire Frightening**

Firefighting	FIFI 1
Foam Tank	21.3 m3
2 monitors (1,200 m3/h)[one water & one foam + water] Throw length: 120 m	
2 pumps each (1510 m3/h @ 140 Mlc).	

**Capacities**

Dead weight	1942 MT @ 5.5 M
Fuel Oil	781.7 m3
Potable Water	481 m3
WB/DW	537 m3
Lube/Hydraulic	48.7 m3 / 8 m3
Sewage	28.4 m3
Bilge	10.6 m3
Liquid mud	292 m3
Dry bulk	206.4 m3
Deck Cargo Area	About 420 m2
Deck Strength	5 tons/m2
Deck load	600 MT

**Machinery & Propulsion**

Main Engines	2 x 1850 kW (2500 bhp) Wartsila 9L20 Total 5000 BHP.
Generators	3 x CAT 3508B 910 kW diesel Generators @ 440V, 3 Phase, 60Hz, CAT 3412C. 1 x 277 kW emergency diesel generator CAT C4.4
Propellers	2 x CPP in Kort nozzles
Bow Thruster	2 x tunnel thruster, 680 HP, CPP
Azimuth	1 x 360-degree , 1130 HP, CPP

**Navigation and Communication**

Radar	2 Radars X Koden mdc 1810P 72 N MILS
Gyro compass	3 C-Platch MK10
GPS	2 X Furuno
GMDSS	GMDSS A3
EPIRB	Sailor 406 MZ
SART	2 X Sailor SART II
Fleet broadband	Furuno

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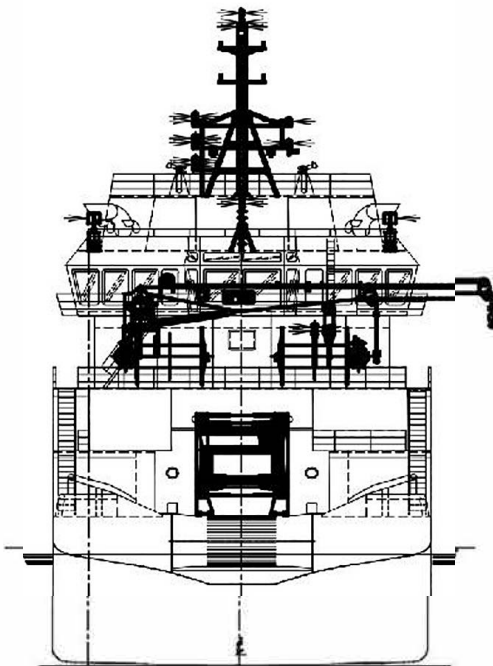
<b>Accommodation</b>	
1-Berth Cabins	2
2-Berth Cabins	5
4-Berth Cabins	5
Berths – Total	32
Hospital	1
Recreation	1
Chiller/Freezer	15 m3 / 15 m3

<b>DP System</b>	
Type	Kongsberg SDP-21
Reference Systems	1 X Kongsberg DPS 110 1 X Kongsberg DPS 232 1 X Fanbeam MDL4

<b>Deck Crahe</b>	
Deck Crane	1 X 3MT @ 12m

<b>Life Saving</b>	
Life Raft & Davit	4 x 25 men, conforming to SOLAS convention
Fast Rescue Boat	1 SOLAS-certified type FRC
lifebuoy	8
Lifejackets	64

<b>Deck Machinery</b>	
Anchor Windlass	1 X 6.1 Tonne x 10 m/min Brake Holding: 37.3 Tonne (Static)
Anchors	2 /38 MM GRAD 2 STUD LINK
Tugger Winch	2 x 10 T @ 15 m/min tons
Stern Roller	4 m X 1.6 m 200 T SWL
Anchor handling /Towing winch	1 Electro-hydraulic double drum waterfall for Anchor Handling and Towing, Line Pull 150 to non1st @5m/min layer, Brake Holding 300 ton



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