




## DPI AHTS – RENEWABLE SERVICE VESSEL

### GENERAL

Vessel type	<b>Anchor Handling Tug Supply (AHTS)</b>
Model	<b>4513</b>
Year of built	<b>2012</b>
Flag	<b>French</b> 
Homeport	<b>Brest</b>
Material	<b>Steel</b>
Mission type	<b>Offshore towage, Guard, Anchor Handling</b>
Specificity	<ul style="list-style-type: none"> <li>✓ High Bollard pull</li> <li>✓ FiFi</li> <li>✓ Boat landing equipped</li> <li>✓ Autonomy at sea : up to 50 days</li> </ul>

### MAIN DIMENSIONS

Length OA	<b>45,00 m</b>
Beam	<b>13,60 m</b>
Draft	<b>4,00 m</b>
Displacement	<b>1400 t</b>
Bollard pull	<b>58 t</b>
Clear deck space	<b>300 m<sup>3</sup></b>
Speed	<b>12 kn</b>

### CLASSIFICATION

<b>BUREAU VERITAS</b>	<b>Unrestricted navigation</b>
<b>HULL . MACH Tug</b>	<b>AUT-UMS</b>
<b>SUPPLY VESSEL</b>	<b>Navigation Area 2</b>
<b>DYNAPSOS AM/AT</b>	
<b>DP I</b>	



## DETAILED SPECIFICATIONS

### PROPULSION

Main Engines	2x ABC model 8 DZC
Total Power	2 x 2400 kW at 1800 rpm
Propellers	2 x 2100 mm controlable pitch
Bow thrusters	1 x 400 kw
Stern thrusters	1 x 400 kw

### ELECTRICAL POWER

Generator Sets	3 x Volvo Marine D12 290 kw @ 1500 rpm
Harbor Generator	1 x Volvo Marine D5A 62 kw @1500 rpm
Shaft Alternator	600 kw driven by each main eangine, 2 x compressed air system Atlas Copco, 1 x Biological treatment system

### TANKS

Fuel Oil	350 m <sup>3</sup>
Fresh Water	120 m <sup>3</sup>
Ballast tank	160 m <sup>3</sup>
Sewage tank	12 m <sup>3</sup>

### ACCOMODATION

Facilities	24 persons as : - 4 cabin for 1 - 3 cabins for 2 - 2 cabins for 4 - 1 cabin for 6 - 1 hospital
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### DECK MACHINERY

Towing Winch	Holding force: 150 t Pulling force: 50 t at 1st layer 1st drum : 900m x 48 mm Ø 2nd drum : 500m x 48 mm Ø
Tugger Winch	2 x 5 tons
Foreship crane	Palfinger PK 50002 M 3 t @ 10,75 m
Aftship crane	Heila HLRM 280-3SL 10 t winch 28 t @ 9,5 m / 11 t @ 18,5 m
Stern roller	1 x roller 710 x 2200 mm, 700 t SWL Shark jaw
Towing pins	Kam Fork and towing pin for 32 mm to 102 mm chain, SWL 200 t



