

# DP2 Anchor Handling Tug Supply Vessel



## Classification

Class Notation DNV-GL +1A1 Tug  
DYNPOS(AUTR) E0 SF

## Dimensions

Length (LOA) 64.3 m  
Beam 15.0 m  
Summer Draft 5.70 m  
Deadweight @ Summer Draft 2117 t  
GT 1864

## Deck Capacities

Deck Load Capacity 930 t  
Deck Strength 5 t/m<sup>2</sup> - Main Deck  
Free Deck Area 414 m<sup>2</sup>  
Length x Width 34.5 x 12 m

## Tank Capacities

NLS See brine/m ud  
Brine / Mud 140 m<sup>3</sup> Brine (Multi usage tanks)  
562 m<sup>3</sup> Mud (Multi usage tanks, dedicated 422 m<sup>3</sup>)  
Drill / Ballast Water 565 m<sup>3</sup>  
Dry Bulk 187 m<sup>3</sup> (In 4 dedicated tanks)  
Fresh Water 579 m<sup>3</sup>  
Fuel Dedicated 496 m<sup>3</sup> (Dedicated)  
Fuel Total 918 m<sup>3</sup>  
Tank Capacities Details Refer to Tank Capacities Table  
Drilling Brine See brine/m ud  
Ballast Water 565 m<sup>3</sup>  
Drill Water 565 m<sup>3</sup>

## Propulsion / Bollard Pull

Main Engines 2 x Bergen diesel engines each 2685 kW = 5370 kW (7200 bHP)  
2 x CPP propellers in KORT nozzles, with Hi-lift flap rudders

Thrusters 2 x RRM bow thruster each 590 kW / 791 bHP  
2 x RRM stern thruster each 590 kW / 791 bHP

Bollard Pull 83 t @ 100 % MRC

## Deck Equipment

Anchor Handling W inch 1 x AH w inch 150 t 1st layer @ 0-5.7 m /m in  
W ire capacity 1400 m of 56 mm dia.  
Tow ing Pins 2 x Karm oy 160 t SW L  
Shark Jaws 1 x Karm oy 300 t MBL  
Stern Roller RRM 2.0 m x 4.0 m @ 250 t SW L  
Capstans 2 x RRM 10 t @ 0-20 m /m in, Light line 0-22 m /m in  
Tugger Winches 2 x RRM 6 t @ 0-17 m /m in  
Storage capacity 250 m of 18 mm dia. W ire  
Light line 0-55 m /m in  
Provision Crane Electric Hydraulic, Fixed Boom  
Capacity 2 t @ 10 m  
Chain Gypsies 1 x 76 mm mounted on work drum

## Performance & Economy

Economical Speed Approx. 10.7 m<sup>3</sup>/Day @ 10kts  
DP<20% Approx. 7.6 m<sup>3</sup>/Day  
DP>35% Approx. 11 m<sup>3</sup>/Day  
Standby in Field Approx. 4 m<sup>3</sup>/Day (one engine running)  
Standby in Port Approx. 1.2 m<sup>3</sup>/day  
Note Performance & Economy figures are given at mean vessel draft of 5.0 m (1525 t deadweight) & Beaufort Scale 2

## Dynamic Positioning System

Type Alstom Dual Redundant ADP 21 DP System  
Reference System s 2 x Veripos DGPS  
1 x Cyscan Guidance

