



COCO

MAGELLAN

Activity	Consumption
<b>Transit speed</b> (Subject to weather, sea & swell)	Approx 12 Tonnes/Day
<b>Econ @ approx 8 knots</b>	Approx 7.5 Tonnes/Day
<b>Port</b>	Approx 2 Tonnes/Day
<b>DP</b>	Approx 6 Tonnes/Day
<b>Offshore Standby</b> (Subject to deck activities)	Approx 4 Tonnes/Day

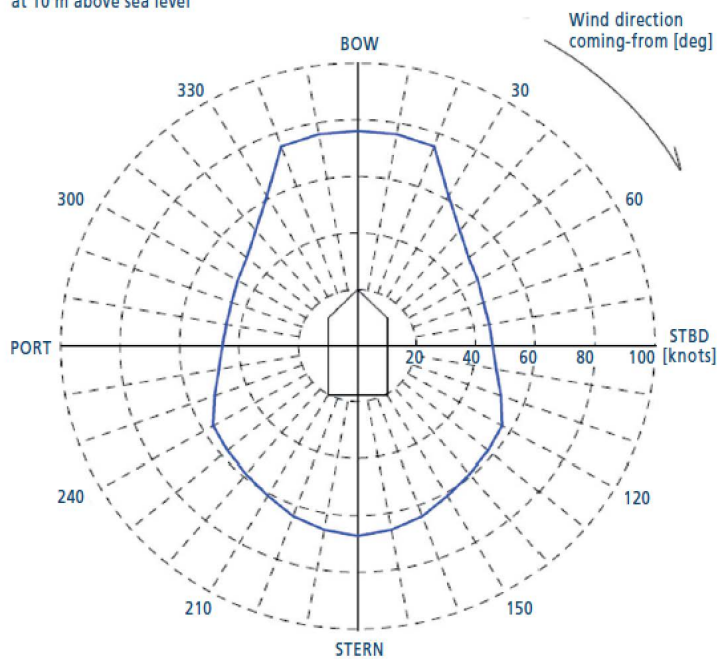
**DP Capability plot 100 % availability**

**Specifications**

<b>Length overall</b>	81.7 m
<b>Length between perpendiculars</b>	74.0 m
<b>Breadth</b>	18.0 m
<b>Draught</b>	6.5 m
<b>Displacement</b>	6650.0 t (Cb 0.75)

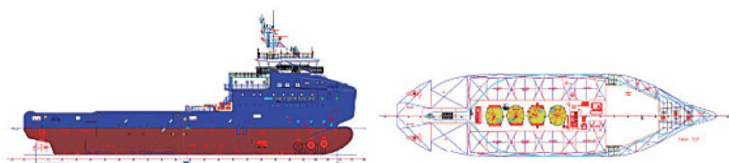
**VARIABLE WIND AND WAVES**  
Limiting 1 minute mean wind speed in knots  
at 10 m above sea level

ERN = 99.  
ERN are subject to DNV approval



Wind speed: Automatic  
Significant wave height: DNV (ERN)  
Mean zero up-crossing period: DNV (ERN)

Rotating tidal current: 1.46 knots  
Rotating wind induced current:  $0.000 \cdot U_{wi}$  knots



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Dimensions	
<b>LOA</b>	81.7 m
<b>LBP</b>	74.0 m
<b>Breadth moulded</b>	18.0 m
<b>Draught loaded / depth</b>	5.7 m

Tonnage	
<b>GRT</b>	3888 t
<b>NRT</b>	1342 t
<b>DWT</b>	2903,75 t

Cargo capacities	
<b>Fuel oil (MGO) / connection</b>	1420 m <sup>3</sup>
<b>Fresh water / connection</b>	700 m <sup>3</sup>
<b>Ballast water</b>	1690 m <sup>3</sup>
<b>Wooden deck area</b>	700 m <sup>2</sup>
<b>Cargo deck area</b>	670 m <sup>2</sup>
<b>REEFER cargo container power sockets</b>	4 pcs

Engines / Thrusters / Aux	
<b>Main engine(s)</b>	2x 3516TA series C (2350bKW, 1800 RPM) 2x Caterpillar C-32 tier 3 (994bKW, 1800RPM)
<b>Main propulsion</b>	2 x Azipull 85 CP 1600kW (0-1200RPM)
<b>Thruster(s)</b>	3x Tunnel thrusters 800kW (0-2800RPM)
<b>Emergency generators</b>	1x Caterpillar C6.6-ACERT (138ekW at 1800 RPM, 690V, 60Hz)

Installed equipment* subject to change	
<b>AHC cursor A-Frame &amp; winch</b>	
<b>Mermac R50 AHC winch</b>	
<b>Argus Worker 175 HP Electric ROV – 6000m rated</b>	
<b>Centurion MultiROV 300 HP Hydraulic ROV – 3000m rated</b>	

Control systems & dynamic positioning	
<b>Control positions</b>	Aft x 2
<b>Full manual control</b>	FWD & AFT
<b>Joystick control</b>	1 x Kongsberg Cjoy 1 x Kongsberg CWing
<b>Dynamic positioning system</b>	Kongsberg K-Pos DP-21
<b>Vertical taut wire</b>	Optional
<b>DGPS # 1</b>	Kongsberg DPS 110
<b>DGPS # 2</b>	Kongsberg DPS 112
<b>Hydro acoustic pos ref #1</b>	Kongsberg Hi-PAP 502
<b>Fan beam laser</b>	Optional
<b>Offshore endurance</b>	42 days

Rescue & vessel equipment	
<b>FRC David</b>	1x Palfnger David NPDS 3500H FR
<b>Cargo railing</b>	Yes – port & starbord side of maindeck
<b>Fast rescue craft x 1</b>	1x HARDING FRB -650
<b>Cosalt rescue basket</b>	X
<b>Winch area</b>	Aft main deck
<b>Emergency towing capability</b>	Yes
<b>Searchlights</b>	2 pcs
<b>Electrical power supply</b>	3 x NOFO, 2 aft main deck & 1 fwd main deck
<b>Dacon scrambling net</b>	1 pcs



**KONGSBERG**



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## Navigation & communication equipment

<b>Radar(s) (forward)</b>	Furuno
<b>Radar(s) (aft)</b>	Furuno
<b>ECDIS</b>	2 x Telko TECDIS
<b>PLB system</b>	1 x Kongsberg DPS 110
<b>DGPS(s)</b>	1 x Kongsberg DPS 110 1 x Kongsberg DPS 112
<b>Gyro(s)</b>	3 x
<b>Autopilot</b>	ANCHUTZ NP5100
<b>Magnetic compass</b>	N/A
<b>Echo sounder</b>	1 x Furuno FE-700
<b>Sat comms</b>	2 x SAILOR 6110
<b>MF/HF radio</b>	1 x SAILOR 6301
<b>UHF</b>	N/A
<b>VHF (forward)</b>	1 x SAILOR 622
<b>VHF (aft)</b>	1 x SAILOR 6222 1 x SAILOR 6210
<b>Helo radio</b>	1 x ICOM IC-A6E
<b>AIS</b>	1 x Furuno FA-150
<b>VHF direction finder</b>	1 x TAIYO TD -L1550A
<b>Doppler log</b>	Furuno DS-80
<b>SSAS</b>	Thrane 6194
<b>Portable VHF</b>	3 x SAILOR SP3520
<b>UHF base</b>	3 x Motorola DM4600
<b>Portable UHF</b>	20 pcs.
<b>Sonic helmets</b>	2
<b>Smartpatch phone</b>	N/A

## Crew facilities

### Crew cabins

3 x Single (Captain Class)  
3 x Single (Officer Class)  
7 x Single (Crew Class)  
1 x Double (Crew Class)  
1 x Single (Passenger Class)  
22 x Double (Passenger Class)

### Recreation & leisure

1 x Gym  
1 x Day Room

