



COCO

MAGELLAN

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

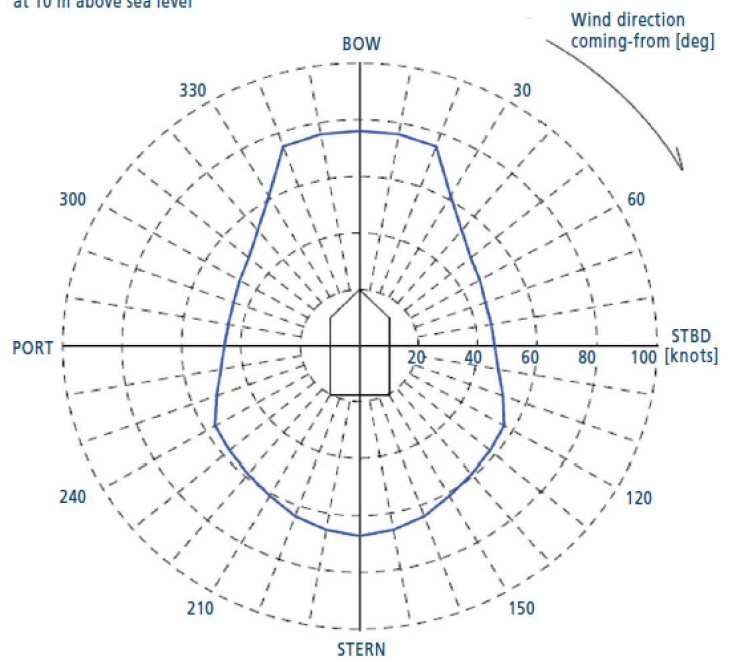
DP Capability plot 100 % availability

Specifications

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

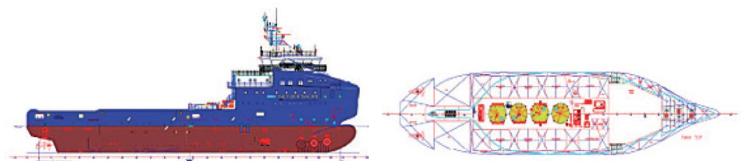
VARIABLE WIND AND WAVES
Limiting 1 minute mean wind speed in knots
at 10 m above sea level

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



1st Floor Tudor House
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Dimensions	
LOA	81.7 m
LBP	74.0 m
Breadth moulded	18.0 m
Draught loaded / depth	5.7 m
Tonnage	
GRT	3888 t
NRT	1342 t
DWT	2903,75 t
Cargo capacities	
Fuel oil (MGO) / connection	1420 m ³
Fresh water / connection	700 m ³
Ballast water	1690 m ³
Wooden deck area	700 m ²
Cargo deck area	670 m ²
REEFER cargo container power sockets	4 pcs
Engines / Thrusters / Aux	
Main engine(s)	2x 3516TA series C (2350bkW, 1800 RPM) 2x Caterpillar C-32 tier 3 (994bkW, 1800RPM)
Main propulsion	2 x Azipull 85 CP 1600kW (0-1200RPM)
Thruster(s)	3x Tunnel thrusters 800kW (0-2800RPM)
Emergency generators	1x Caterpillar C6.6-ACERT (138ekW at 1800 RPM, 690V, 60Hz)
Installed equipment* <small>subject to change</small>	
Moonpool	4m x 6.15m
AHC cursor A-Frame & winch	-
Mermac R50 AHC winch	-
ROV system	-

Control systems & dynamic positioning	
Control positions	Aft x 2
Full manual control	FWD & AFT
Joystick control	1 x Kongsberg Cjoy 1 x Kongsberg CWing
Dynamic positioning system	Kongsberg K-Pos DP-21
Vertical taut wire	Optional
DGPS # 1	Kongsberg DPS 110
DGPS # 2	Kongsberg DPS 112
Hydro acoustic pos ref #1	Kongsberg Hi-PAP 502
Fan beam laser	Optional
Offshore endurance	42 days
Rescue & vessel equipment	
FRC David	1x Palfnger David NPDS 3500H FR
Cargo railing	Yes – port & starbord side of maindeck
Fast rescue craft x 1	1x HARDING FRB -650
Cosalt rescue basket	X
Winch area	Aft main deck
Emergency towing capability	Yes
Searchlights	2 pcs
Electrical power supply	3 x NOFO, 2 aft main deck & 1 fwd main deck
Dacon scrambling net	1 pcs



KONGSBERG



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Navigation & communication equipment

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

