



**General**

Classification Lloyds Register, ⚓ 100A1, ⚓ LMC, DP (AA) / Class II  
 Flag / Port of Registry Belgian / Antwerp  
 Year built 2010

**Dimensions**

Length overall 76 m  
 Breadth 18 m  
 Depth 6.1 m to maindeck  
 Deadweight 3000 tonnes at 5.0 m draught

**Engines and propulsion**

Main engines 2 x 1360 kW (Caterpillar)  
 2 x 910 kW (Caterpillar)  
 Emergency generators 1 x 250 kW (Caterpillar)  
 Main propulsion 2 x 1430 kW (Veth / Azimuth)  
 Forward thrusters 1 x 800 kW (Veth / Tunnel)  
 1 x 560 kW (Veth / Azimuth)

**Performance**

Economical speed 10 knots at 11 m<sup>3</sup> / day  
 Service speed 12 knots at 14 m<sup>3</sup> / day  
 Station keeping (DP) ~5 m<sup>3</sup> / day

**Deck equipment**

Kenz offshore crane 100 tonnes at 10 m / 4 m SWH  
 30 tonnes at 20 m / 4 m SWH  
 7.5 - 30 m / min (100 % - 0 %)  
 200 / 400 msw deployment depth  
 Auxiliary hoist 12.5 tonnes at 23.3 m / 4 m SWH  
 active heave compensated system  
 50 - 100 m / min (100 % - 0 %)  
 200 msw deployment depth  
 Man riding 5 tonnes at 23.3 m / 4 m SWH  
 Lashing points 12 x 10 tonnes SWL  
 Helideck construction approved and certified according CAA regulations

Load value approved for Bell 212 and AW139 or smaller D Value 17.6 m or less T Value 6500 kg or less heli-reception and full emergency equipment

### Dynamic Positioning Systems

DP classification	DP (AA) / Class II
DP system	Navis
Reference systems	2 x DGPS position 1 x Sonardyne USBL 3 x Gyro compasses 2 x vertical reference units 1 x taut wire system 2 x wind sensors 1 x MRU

### Cargo area

Work deck area	685 m <sup>2</sup>
Deck load	maximum 1200 tonnes
Deck strength	5 tonnes / m <sup>2</sup>

### Dive systems

Capacity	12 man SAT system
Diving bell	3 man Sinker type
Depth rating	200 msw / 100 msw
Handling system	4 m SWH
Transfer speed	25 m / min. (wet)
Mixed gas storage	45 m <sup>3</sup> with 2 x gas reclaim systems
Hyperbaric lifeboat	1 x 12 divers + 4 crew, self-propelled, self-contained 72 hrs
Moonpool	1x diving, 4 m x 4 m
Air diving spread	standard full double air / gas mix dive system

### ROV system

Where required, the vessel can be fitted with work and inspection class ROVs. Deployment over the side with LARS.

### Tank arrangement

Fuel oil	560 m <sup>3</sup>
Fresh water	560 m <sup>3</sup>
Ballast water	1575 m <sup>3</sup>
Lubricating oil	11.3 m <sup>3</sup>

### Navigation and communication equipment

Radar	1 x 12 ft. scanner, S-band
Radar	1 x ARPA, 6.5 ft. scanner X-band with additional display at DP console
Magnetic compass	1 x
Echosounder	1 x 200kHz
Navtex	1 x
Doppler log	1 x bottom and water track
Inmarsat Satcom C	2 x (with SSAS)
Inmarsat Satcom F77	1 x
V-Sat capabilities	1 x
MF/HF DSC transceiver / controller	1 x
SART radar responders	2 x
Epirb, hydroacoustic release	1 x
VHF radio transceiver DSC FD	2 x
Private Automatic Branch eXchange	1 x

### Accommodation

Accommodation for 70 people, wheelhouse and accommodation fully air-conditioned / heated, 1x hospital room (not included in total POB).

Survey / ROV control, online and offline survey rooms, client office facilities, training room, conference room and recreation area.

