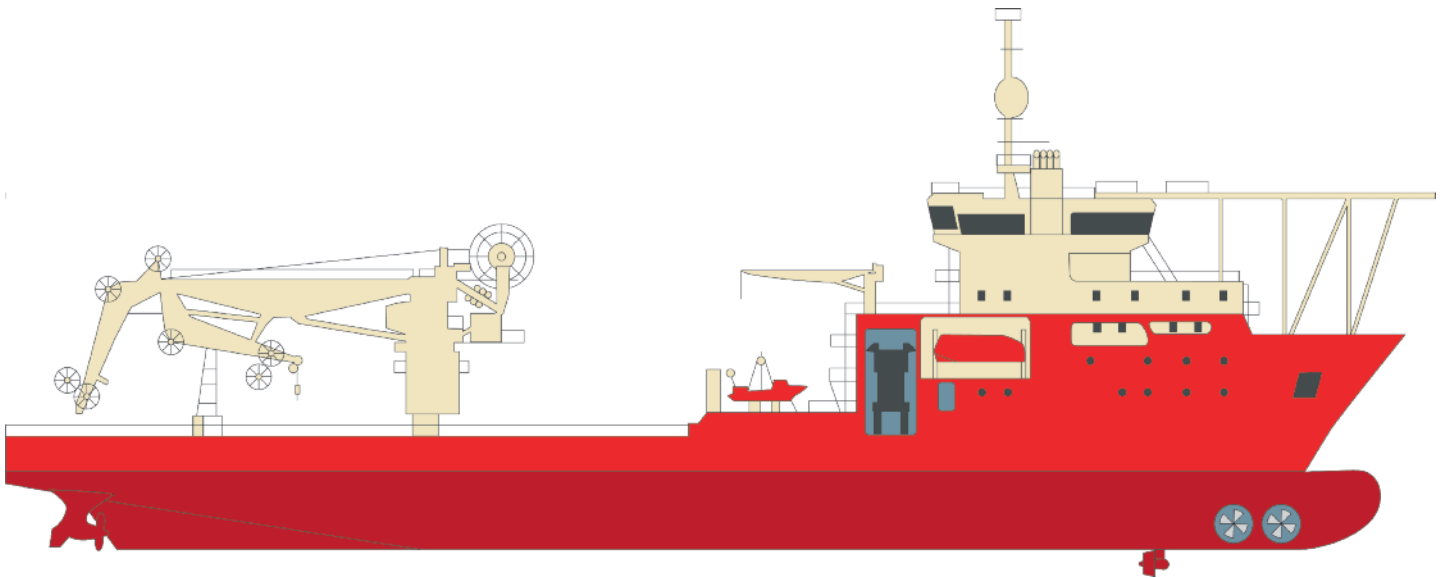




# Deep Orient

[ New construction vessel



## Specifications

### Principal dimensions

Length overall*	135.65 m
Length between PP	120.4 m
Breadth moulded	27.0 m
Depth main deck	9.7 m

### Operating draft

Maximum draft	6.85 m
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\*Including helideck overhang

### Deck payload

- 3,500 Te

### Cranage

- 1 x NOV heave-compensated/constant tension knuckleboom crane  
250 Te at 12m radius (harbour mode)  
200 Te at 15m radius (offshore mode)  
Maximum working depth 3,000m main hoist  
Maximum working depth 2,000m auxiliary hoist
- 2 x provision cranes 5 Te at 12m

### Deck space

- 1,900 m<sup>2</sup>

### Deck load

- 15 Te/m<sup>2</sup>

### Capacities

- Fuel oil 2,200 m<sup>3</sup>
- Potable water 800 m<sup>3</sup>

### Service air

- 2 x compressors 8 bar 1,250 m<sup>3</sup>/hr

### DP system

- Kongsberg K-pos DP-21

### Reference Systems

- HIPAP 500 2 off
- DPGS 3 off
- Taut wire system (300m operational depth)
- Fan beam system

### Power plant

- 4 x 3,840 kW (diesel generator)
- 1 x 800 kW (harbour/emergency generator)

### Propulsion

- Forward
  - 2 x Tunnel thrusters 1,500 kW (each)
  - 1 x Retractable Azimuth thruster 1,500 kW
- Aft
  - 2 x Azipull thrusters 3,500 kW (each)

### NOx Reduction Plant

- NOx reducing SCR system fitted to give full IMO Tier III compliance

### Bollard pull

94 Te

### Service speed

- 13 knots at transit draft

### Helideck

- D-Value 21 m
- Super Puma/Sikorsky S-92

### Accommodation

- 120 people in 85 cabins
  - 50 x single cabins
  - 35 x 2-person cabins

### Lifesaving appliances

- Lifeboats 4 x 60 persons
- Life rafts 4 x 25 persons
- FRB Norsafe Magnum 750

### ROV

- Hanger-stowed rail launched WROVs port and starboard
- 2 x work class ROVs (Triton XLX 150)

### Work Moonpool

- 7.2m x 7.2m
- Designed & strengthened to accommodate standard Technip VLS
- Top & bottom removable plugs

### Flag

Malta

### Classification

DNV +IA1, DYNPOS-AUTR, EO, DK(+), CLEAN DESIGN, COMF-V(3) C(2), NAUT-OSV (A), HELDK, BIS SPS (2008)

### Year built/builder

- 2012, MetalShips & Docks, Vigo, Spain

In February 2011, Technip announced it is investing in a newbuild DP2 flexlay construction vessel, which will be dedicated to the Asia-Pacific market. The vessel will be known as "Deep Orient" and will join the Technip fleet in 2013. This initiative demonstrates Technip's commitment to the Asia-Pacific region and represents a key element of the Group's long-term growth strategy.



Deep Orient launch, August 2012

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