



## DP1 VESSEL OFFSHORE SUPPORTER

### MULTI-ROLE SHALLOW DRAFT CONSTRUCTION SUPPORT VESSEL

**Owner** Deep Sea Offshore  
International Corp.

**Builder** FIJGE Werft  
Fredrikshaven, DK

**Call Sign** V3AA2

**Flag** Belize

**Port of Registry** Belize

**Upgrade** 2009 - dry dock  
and full refurbishment

**IMO-No.** 7129946

**Class** GL 100 A5 AUT ML DP1  
Capability, Ice Strengthened

**General** DP1-Multi Role Vessel for  
cable repair & maintenance,  
subsea recovery & installation,  
Geophysical survey works &  
ROV construction support and  
IMR activities

#### Principal Dimensions

Length Overall	53.42 m
Length B.P.	50.26 m
Beam	11.00 m
Depth	4.00 m
Draft min	2.50 m
Draft max	3.42 m
Gross Tonnage	612t
Net Tonnage	183t

#### Cargo Capacity

Deadweight	632 t (Approx)
Clear deck area	280 m <sup>2</sup> (Approx)
Clear deck length	28.5 m
Clear deck breadth	10.0 m
Gas Oil	200 t (Approx)
Fresh Water	225 t (Approx)

#### Refrigerated Storage Capacity

Freezer	7 m <sup>3</sup> at -18 °C
Chill Room	9 m <sup>3</sup> at +4 °C

#### Accommodation

3 Single bed cabins
14 Two bed cabins
1 Four bed cabin
Total 35 beds

#### Air Conditioning Plant

The vessel is fully air conditioned

#### DP System

Main engine and all thrusters are remote controlled via  
Kongsberg SDP-21 DP system  
HPR400, fan-beam, VERIPIOS ULTRA DGPS.



#### Speed

Maximum speed	9.0 – 9.5 knots approx
Economical speed	8 knots approx

#### Consumption

Maximum speed	11 t / day
Economical speed	9 t / day
DP mode	6 – 7 t / day
Standby mode	1.5 t / day

Particulars are believed to be correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability. Optional items are to be mutually agreed for inclusion/exclusion in vessel specification.

#### Deep Sea Offshore International

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#### Navigation Equipment

2 x radars, 3 x gyros (Anschutz-Standard 20 Digit), echo-sounder, autopilot, SSB and VHF marine radio, Satellite Sat-com C (Telex).

#### Communication Equipment

VSAT internet communications, Fleet Broadband 250.

#### Special Equipment

ROV Power Supply 2 x Volvo generators  
370kW, 440 Volt, 60Hz

Container/Deck Power 2 x 63A x 400V x 3PH x 50HZ  
2 x 32A x 400V x 3PH x 50HZ  
3 x 16A x 400V x 3PH x 50HZ  
3 x 16A x 240V x 1PH x 50HZ

#### Safety Equipment

Survival Craft 6 x 25 person inflatable life rafts  
Rescue Boat FASSMER RR4.2 rigid; 6 person;  
4 HP w/davit

#### Anchor

2 x 907 kg bow anchors with  
216m of 32 mm (1 ¼") chain each

#### Deck Machinery

2 x capstan winches (5 tonne)

#### Propulsion

2 x 2000 BHP/1460 kW MAK 452  
with controllable pitch propeller

#### Thruster

1 Bow Thruster (380 kW / 510 BHP)  
1 Azimuth Thruster (600 kW / 800 BHP)  
1 Stern-Thruster (380 kW / 510 BHP)

#### Auxiliaries

Ship Power Supply 4 x Mitsubishi generators  
490kW, 400 / 230 Volt, 50Hz

Desalination plant (8 m<sup>3</sup> / day)

Sewerage treatment plant

#### Deck Crane

1 crane starboard-stern (22 tonne at 5.0 m)