DSV Ocean Patriot

FEATURES

- Length overall 240 ft / 73 m
- Converteam dynamic positioning (DP) system
- Saturation diving support vessel
Typical Projects

» Inspection
  » Platform and rig inspection
  » Pipeline and riser inspection

» Maintenance
  » Pipeline riser installation
  » Riser guards
  » Boat landing and bumper installations
  » Anode retrofit

» Platform jacket repair
  » Dry habitat welding repair
  » Wet welding repairs
  » Grouting repairs
  » Mechanical and stress grouted clamp repairs

» Pipeline work
  » Mechanical hot tap installation
  » Pipeline end connectors and subsea repairs
  » Pipeline re-route and subsea tie-in
  » Pipeline pigging / flushing and abandonment
  » Pipeline exposure / spanning remediation

» Underwater salvage operations

» Platform and stub removal

» ROV and diving support services

Working 3-man bell

Dual surface diving LARS & subsea tooling

Self Propelled Hyperbaric Life-boat (SPHL)
## Specifications

### Dimensions
- **Length**: 240 ft / 73 m
- **Beam**: 54 ft / 16.5 m
- **Molded depth**: 20 ft / 4.7 m
- **Maximum draft**: 15.5 ft / 4.7 m
- **Open project deck**: 65 ft x 50 ft / 19.8 m x 15.2 m

### Deck Capacity
- **Deck cargo**: 485 LT / 493 MT
- **Deck load strength**: 1,000 lb / ft²

### Power and Propulsion
- **Total available**: 5,676 hp
- **Azimuth stern thrusters**: 2 x 1,920 hp
- **Bow tunnel thrusters**: 2 x 918 hp

### Capacities
- **Fuel**: 149,400 gal / 679.1 m³
- **Ballast**: 518,000 gal / 1960.8 m³
- **Potable Water**: 46,400 gal / 175.6 m³

### Accommodations
- **Total accommodations**: 60
  - **Vessel crew**: 16
  - **Offshore workers**: 44

### Lifting Capacity
- **40 T knuckle boom crane**: 40 T at 20 ft
- **8 T at 67 ft single part**:
- **Working depth**: 1,000 ft / 305 m

### Dynamic Positioning
- **Converteam DP-2**
- **Reference**: C-Nav3050® DGNSS

### Moonpool - Baffled
- **Bell Launch and Recovery**

### Remotely Operated Vehicle (ROV)
- **Magnum® Work Class ROV**
  - **Maximum working depth**: 7,000 fsw / 2,134 msw

### Built-in Survey System
- **Oceaneering® Survey Services**

### Classification
- **ABS for unrestricted service**
- **Maltese Cross A1**
- **Maltese Cross ABS**

### Communications System
- **CapRock KU Band**
- **Marine VHF, SSB, and GMDSS**

### Certifications / Flag
- **USCG**
- **ABS-DP-2**
- **SOLAS**
- **Flag**: USA (Jones Act Compliant)
  - **Homeport**: Morgan City, LA
  - ** Converted in 2011**

### Saturation Diving System
- **1,000 ft / 305 m saturation diving system, ABS Classed**
  - **2 x 6-man twin lock decompression chambers**
  - **12-man self propelled Self Propelled hyperberic Lifeboat (SPHL)lifeboat (SPHL) and launch system**
  - **Life support equipment built-in below deck**
  - **360,000 ft³ gas storage built-in below deck**
  - **Diver and system gas reclaim**
  - **Integrated diving system with dual surface diving LARS**

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**OCEANEERING®**
DSV Ocean Patriot

40 ton Knuckle Boom Crane

» 40 ton at 20 ft working radius and 85 ft boom height
» 8 ton at 67 ft working radius
» Working depth 1,000 ft