

DP-2 MSV

The *Ocean Intervention II* is one of Oceaneering's dynamically positioned (ABS DP Class 2) multi-service vessels (MSVs). The vessel delivers value and flexible capabilities by combining an efficient size, excellent stability, modular components, and a moonpool launched ROV system. Christened in 2000, the *Ocean Intervention II*'s track record is filled with innovative deepwater projects developed from Oceaneering's years of operational experience and engineering expertise in the Gulf of Mexico.

Features

- 1,200 T deck capacity
- 6,500 ft² clear deck
- Two large moonpools
- Onboard ROV tool suite
- 60 T stern A-frame
- 80 T deck crane
- Hydra® Maxximum ROV
- Accommodations for 50
- ABS DP Class 2 Rated
- 50 T Stern Roller

Modular Equipment Options

Optional equipment packages are available for umbilical installations, flowline installations, deepwater pipeline repairs, and subsea tieback work.

- 60 T four-track tensioner
- 500 T carousel
- 28 ft reels/under-rollers
- WASP ADS
- Deck winches
- 80 T coiled tubing reel
- J-lay System
- S-lay System
- Power reel drive system

Typical Projects

- ROV & Diving Support
- Flowline Installation
- Umbilical Installation, Connection
- Pre-lay & Post-lay Mats
- Well Abandonment/Wireline Services
- Hydrate Remediation
- Subsea Pumping
- IMR (Inspection, Maintenance & Repair)



MSV OCEAN INTERVENTION II SPECIFICATIONS

Dimensions

Length:	254 ft
Beam:	53.5 ft
Molded Depth:	18.8 ft
Draft:	15 ft
Open Deck Area:	6,500 ft ²

Weights

Cargo Deck Load Capacity:	1,430 LT
Main Deck, Load Strength:	1,500 lbs / ft ²

Horsepower

Total Available:	6,400
Azimuth Stern Thrusters:	2 x 2,000
Bow Tunnel Thrusters:	2 x 1,000

Capacities

Fuel Oil:	220,000 gal
Lube Oil:	2,400 gal
Fresh Water/Ballast:	93,000 gal

Accommodations

Persons:	50
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Lifting Capacity

80 T Nautilus Crane:	20 T lift at boom $\angle 83^\circ$
Stern A-Frame:	60 T
Moonpool A-Frame:	Modular 30 T or 60 T
Stern Roller:	100 T

Performance

Speed, Maximum:	12 knots
Speed, Cruising:	10 knots

Classification

- ABS for unrestricted service
- Maltese Cross A1
- Maltese Cross A.M.S.

Certifications

- USCG
- ABS-DP2
- SOLAS

Dynamic Positioning

Simrad SDP-21:	DP-2
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Moonpools

ROV Launch & Recovery:	16 ft x 16 ft
Working Tooling Moonpool:	16 ft x 16 ft

ROV

Hydra [®] Maximum:	300 hp system
Complete ROV Tooling Suite	

Built-In Survey System

Fugro Chance:	Redundant inputs to DP-2 system
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Call Sign

- WCZ7505

Communications System

- CapRock KU Band



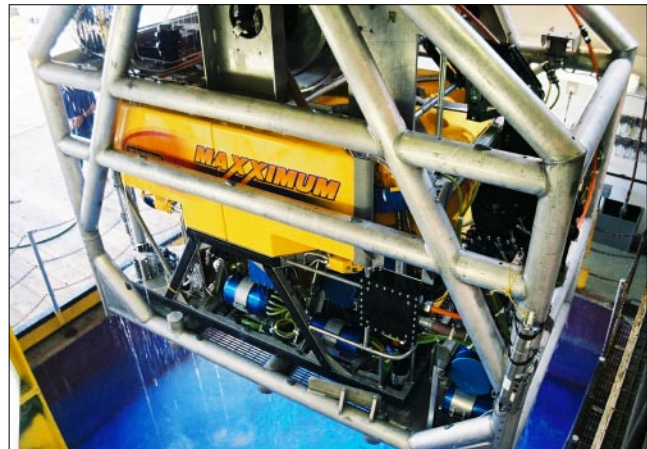
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Ocean Intervention II plug and abandonment deck layout, with 60 T subsea intervention A-frame



Flexible flowline and umbilical installation spread
Photo by RCMG, LLC



Hydra[®] Maximum ROV system is guided through the forward moonpool by a cursor launch system