# MSV Ocean Intervention® III

![Image of MSV Ocean Intervention® III](image)

## FEATURES

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<td>Length overall</td>
<td>297 ft / 90.5 m</td>
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<td>1,300 T deck capacity</td>
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<tr>
<td>8,202 ft² / 762 m² clear deck space</td>
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Typical Projects

- Subsea hardware installation
  - Umbilicals
  - Subsea trees
  - Jumpers
  - Flying leads
  - Manifolds
- Inspection, maintenance, and repair (IMR)
- Well intervention and well stimulation services
- Plug and abandonment operations

Features

- Length overall 297 ft / 90.5 m
- 1,300 T deck capacity
- 8,202 ft² / 762 m² clear deck
- Large working moonpool
- Two Oceaneering® Millennium® work class ROVs
- Onboard ROV tooling suite
- 70 T single fall / 150 T double fall - active heave compensated (AHC) crane
- Accommodations for 71
- DNV AUTR (Class 2) DP system
- Helicopter Platform for Super Puma and Sikorsky S61
- Satellite communications equipment system for transmitting and streaming real-time video to onshore personnel
## Specifications

### Dimensions
- **Length**: 297 ft / 90.5 m
- **Beam**: 61.4 ft / 18.7 m
- **Molded depth**: 24.9 ft / 7.6 m
- **Draft**: 19.7 ft / 6 m
- **Open deck area**: 8,202 ft² / 762 m²

### Weights
- **Cargo deck load capacity**: 1,300 T
- **Gross tonnage**: 3,996 T
- **Net tonnage**: 1,512 T

### Power and Propulsion
- Diesel electric power and propulsion plant
- **Main generators**: 5 x 2,280 kW
- **Main azimuth thrusters**: 2 x 2,500 kW
- **Tunnel thrusters**: 2 x 833 kW and 1 x 883 kW

### Capacities
- **Fuel oil**: 12,000 m³
- **Lube oil**: 280 m³
- **Fresh / ballast water**: 757 m³ / 25,000 m³

### Accommodations
- **Persons**: 71
- **Client conference room and office**

### Lifting Capacity
- **AHC crane**: 70 T single fall / 150 T double fall
- **Hook travel**: 9,843 ft / 3,000 m single fall
- **Auxiliary hoist**: 10 T

### Performance
- **Speed (economical)**: 11 knot

### Dynamic Positioning
- Marine Technologies System Class II DYNOPOS Type Bridgemate DP2
- Laser CyScan reference system
- 1 x HPR Sonardyne DP-INS acoustic system
- 1 x Radarscan system
- 2 x VERIPOS Ultra GNSS

### Moonpool
- Working tooling moonpool 23 ft x 23 ft / 7 m x 7 m

### Remotely Operated Vehicles (ROV)
- 2 x Millennium® Plus 220 hp work class ROV
- DTLX launch and recovery system
- Built-in ROV control
- Complete ROV tooling suite

### Built-In Survey System
- Fugro Survey B/V integrated into vessel
- 1 HPR - Sonardyne INS Optimized USBL System

### Helicopter Deck
- DNV Rated for Super Puma and Sikorsky S61
- Size 21 m diameter, octagon shape, 12.8 mT

### Classification / Flag
- **Flag**: Norway
- **Home port**: Ålesund, Norway

### Communications System
- CapRock KU Band Communication VOIP System
Diving Equipment

Diving Technique

- Diving activities will be conducted in accordance with:
  - OGP 411 Diving Recommended Practice
  - IMCA Diving Guidelines
  - Oceaneering Operations Manuals Vol. I and II
  - Mobile / portable surface supplied air & Nitrox systems (also called RSDP or SCUBA replacement)
- All other equipment [Deck Decompression Chamber (DDC), gas reserve racks, Nitrox generation & storage etc.] are mobilized on the DSV which is also used to accommodate all associated personnel.
- Personnel
  - 12 man dive team (daylight operations)
  - 4 UWILD report & data recorders
  - 10 man ROV team (24 hour operations)
  - Offshore manager, medic, superintendents, RHIB operators, riggers, inspection experts & other support personnel as needed

Nitrox Dive Equipment

- Ocean Intervention® III IMCA/ABS Classed Diving Spread
- LARS (Diver Launch & Recovery System)
- Chamber Vans
- Dive Control Van / Offices
- Machinery / Equipment Vans
- Gas System Modules
- Spares

14M Daughter Craft

- Emergency Recovery A-Frame
- Nitrox Control Panel
- On board Gas supply
- Electronics
- Communications to mother craft [OI-3]

Munin1200 FRC

- 24 Person max capacity
- 150 Nautical Mile Range
- Norsafe Life-Saving Appliance Certificate
- IMO Resolution MSC 48(66), LSA Code 5.1

Equipment Applicable Codes & Standards

- IMCA D048: DESIGN for Surface Supplied Nitrox Diving Systems
- IMCA D050: Minimum Quantities of Gas Required Offshore [May 2012]
- IMCA D012: Stainless steel in oxygen systems
- IMCA D014: International Code of Practice for Offshore Diving
- RSA Occupational Health and Safety Act 85/1993
- DNV 2.7-1 - Offshore Containers

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