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Light Construction

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# Harvey Intervention

## Vessel Info

Full specification overleaf

**Harvey Intervention** is a Jones Act Compliant IRM, Survey and Light Construction vessel capable of operating in depths up to 3000m.

- Length 89m x Breadth 19.5m
- 650m<sup>2</sup> cargo deck area
- 165t AHC Crane with 3,600m of wire
- 2x 150 HP Schilling HD ROVs with over the side launch and recovery systems
- Class II DP system
- 2x Underdeck Methanol tanks
- FIFI 1 fire fighting capabilities
- Accommodation for 72 persons

## Fast Facts

- Crane Main and Auxiliary line with 3,600m of wire
- Crane Free height of 53m from the block to the deck
- Twist locks available over the deck for rapid mobilisation
- Contains mud tanks and able to operate as supply vessel



## Harvey Intervention

### General Information

Classification	<b>American Bureau of Shipping (ABS) with Classification Notation: †A1, HELIDK, FIFI 1, OSR-C2, Offshore Support Vessel, Circle E, †AMS, †ACCU, †DPS 2, NBLES, ENVIRO+, GP</b>
Classification ID	<b>12219946</b>
Built	<b>Eastern Shipbuilding Group Inc.</b>
Owner	<b>Harvey Gulf International Marine LLC</b>
Design / Year Built	<b>VARD, STX SV 300 / 2012</b>
Flag State Authority	<b>US, Jones Act Compliant</b>
Port of Registry	<b>Galliano, LA</b>
IMO Number	<b>9581277</b>

### Principal Dimensions

Overall Length	<b>89m</b>
Breadth (moulded)	<b>19.5m</b>
Depth Main Deck	<b>7.5m</b>
Min Draught	<b>3.35m</b>
Max Load Line Draught	<b>6.09m</b>
Dead Weight	<b>5,466.3t</b>
Gross Tonnage	<b>4,381t</b>
Net Tonnage	<b>1,314t</b>

### Main Deck

Deck Area (Main)	<b>650m<sup>2</sup></b>
Deck Strength	<b>5.3t/m<sup>2</sup></b>

### Tank Capacities (100%)

Fuel Oil	<b>917m<sup>3</sup></b>
Ballast Water	<b>2,000m<sup>3</sup></b>
Potable Water	<b>287m<sup>3</sup></b>
Methanol	<b>1,686bbls</b>

### Power and Propulsion

Main Generators	<b>4x Cummins QSK60-DM 16, 1825kW each</b>
Propulsion	<b>2x Schottel SRP-2020 Fix Pitch, Azimuthing Propellers in Nozzle, 2500kW each</b>
Bow Thrusters	<b>2x Schottel STT 004 FP Fix Pitch, 1180 KW each</b>

### Speed / Consumptions

Maximum Speed	<b>10.5 - 11.5kts</b>
Economical Speed	<b>8 - 10kts</b>
<b>Consumptions</b>	
Maximum	<b>15m<sup>3</sup></b>
Economic	<b>13.3m<sup>3</sup></b>
DP Operations	<b>6.1m<sup>3</sup></b>
Alongside	<b>2.8m<sup>3</sup></b>
	<b>Fuel consumptions for reference only and may vary.</b>

### DP Systems

DP Classification	<b>DPS-2</b>
DP Control System	<b>Converteam DPS-21, Duplex DP-IJS</b>
Reference Systems	<b>3 DGPS, 1 CyScan, 1 RadaScan, 1 Sonardyne Range-2 Acoustic system</b>

### Cranes

Main Hoist	<b>165t NOV Knuckle Boom Crane with Active Heave Compensation. Crane Capacity 165t at 15m radius, wire length 3,600m</b>
Aux Hoist	<b>20t Whip Line, wire length 3,600m. Personnel Lift</b>

### Accommodation

Offices	<b>4</b>
Conference Room	<b>1</b>
Accommodation	<b>72 persons</b>

### Helideck

Helideck with a capacity of 12t and D of 20.88m / 68.5ft, with Helicopter Monitoring System and suitable for Sikorsky S92 and S-61N.

### Survey

Comprehensive Survey suite comprising Eiva Navipac online, Eiva Navipac offline processing, Visual Soft video recording, processing and distribution suite capable for supporting construction and inspection.

### ROV Systems

2x 150 Hp Schilling HD ROV Systems with over the side launch and recovery systems and installed in a mezzanine deck three metres above the main deck.  
ROV's Operated from a dedicated ROV Control Room.

### Comms System

The vessel is fitted with Inmarsat C and a KU band Vsat Satellite Communications System.



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