



VESSELS

IRM, Survey and
Light Construction

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



subsea 7

Grant Candies

Vessel Info

Full specification overleaf

Grant Candies, is an Inspection, Repair and Maintenance (IRM), Survey and Light Construction vessel, US Flag/Jones Act Compliant.

- Jones Act compliant
- Length 89m/292ft
- Breadth 18.0m/59ft
- Cargo deck 820m²/8,826ft²
- Class II DP system
- FiFi fire fighting capabilities
- 150/100 MT knuckle boom deck crane active and passive heave compensated, wire length for 3,000m
- 2x 150 HP Triton XLX ROVs capable of working at water depths up to 3,000m/10,000ft.
- Accommodation for 122 persons

Fast Facts

- Dedicated ROV Control Room and Survey Area within accommodation
- Moonpool 7.6m x 7.01m with semi-permanent deck cover and 5t/m² capacity with the ability to remove the cover and open the moonpool for operations
- 4x 800gls/min FiFi monitors on top of the bridge (No FiFi notation)
- High approved accommodation capacity



Grant Candies

General Information

Classification	Lloyd's Register (LR) + 100 A1, CAC3, +LMC, DP AA
Built	Dakota Creek, Anacortes, Washington 2009
Flag State Authority	US (Jones Act Compliant) 2009

Principal Dimensions

Overall Length	89m / 292ft
Breadth (moulded)	18.0m / 59ft
Operational Draught	6m / 19.68ft
Design Draught	5.00m / 16.4ft
Deadweight	3,672 DWT at 6m draught
Gross Tonnage	4,150t
Net Tonnage	1,245t

Cargo Deck

Deck Area (Main)	820m ² / 8,826 ft ² , including ROV's
Deck Strength	5t/m ² / 1,024 lb/ft ²

Tank Capacities (100%)

Fuel	967m ³ / 255,612 gls
Fresh Water	867m ³ / 229,037 gls
Ballast Water	1,334m ³ / 352,484 gls

Power and Propulsion

Main Engines	2x 3,512C CAT-1700kW each 2x 3,516C CAT-2250kW each
Tunnel Thrusters	2x 1,100kW STT 4 CP (Schottel)
Stern Thrusters	2x 2,250kW Combi Drive (Schottel)

Vessel Speeds and Fuel Consumption

Maximum Speed	12.5 knots
Economic Speed	10.0 knots
Economic Speed Fuel Consumption	13.0m ³ /day

DP Systems

DP Classification	DP LR AA (DP Class II)
DP system	Kongsberg KPOS-2
Reference Systems	2x DGPS, 1x Hipap, 1x Radscan, 1x Cyscan

Cranes

Main Deck Crane	MacGregor 150/100 MT knuckle jib offshore crane Active Heave Compensation/Auto Tension
Capacity	150MT at 10m (Double fall) restricted due to stability limits, 100MT at 10m, 3,000m depth (Single fall)
Whip Line	15 MT / Personnel lift

FiFi

4 Monitors	800 gallons per minute each (No FiFi Notation)
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ROV Systems

Workclass ROVs	2X 150 Hp Triton XLX ROV systems with over the side launch and recovery systems. ROV's operated from a dedicated ROV Control Room
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Helideck

Type	Helideck with a capacity of 7t and a "D" value of 17.46m suitable for Bell 212, Sikorsky S76 and AW139
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Survey

Survey Suite comprising Eiva Navipac online/offline processing, Visual Soft Video recording, processing and distribution capable suite for supporting construction and inspection

Comms Systems

KU band Vsat Satellite Communications System
Inmarsat C
Live Video Streaming from both ROVs.

Accommodation

Ship's Office	2x
Conference Room	1x
Hospital	1x
Accommodation	122 persons
Additional Accommodation	Hospital, gymnasium, cinema and day room



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