



VESSELS

IRM, Survey and
Light Construction

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



Ross Candies

Vessel Info

Full specification overleaf

Ross Candies, is an Inspection, Repair and Maintenance (IRM), Survey and Light Construction vessel.

- Length 94.3m/309ft
- Breadth 20.0m/66ft
- Main deck 711m²/7,653.14ft²
5MT/m²
- DPS-2 Classification
- 110 MT knuckle boom deck crane, passive and active heave compensated, wire length for 3,000m
- 2x Two Heavy-Duty work class ROVs, 150HP, each launched over side
- Accommodation for 75 persons

Fast Facts

- Dedicated ROV Control Room and Survey Area within accommodation.
- Jones Act compliant.
- Moonpool 7.62m x 7m open for operations.
- High approved accommodation capacity.



Ross Candies

subsea 7

General Information

Classification	Lloyd's: A1, Circle E, AMS, DPS-2, 1NA1, LMC, ES, MARPOL, UWILD, SOLAS
Built	Dakota Creek 2009 Anacortes, WA
Flag State Authority	U.S. Flag - Jones Act Compliant

Principal Dimensions

Overall Length	94.3m / 309ft
Breadth (moulded)	20m / 66ft
Design Draught	6m / 20.0ft
Deadweight	6,224.9t DWT
Gross Tonnage	5,289 ITC
Net Tonnage	1,586 ITC

Cargo Deck

Deck Area (Main)	711m ² / 7,653ft ² (usable area)
Deck Strength	5t/m ² / 1,024 lb/ft ²

Tank Capacities (100%)

Fuel	1,284.5m ³ / 339,329gls
Fresh Water	291.6m ³ / 77,032 gls
Ballast Water	3,676.6m ³ / 97,0832 gls

Power and Propulsion

Main Diesel Generators	4x 3516C Cat - 2350kW each
Tunnel Thrusters	3x 910kW STT 3 FP (Schottel)
Main Propulsion	2x 2,500kW Combi Drive Azimuth (Schottel)

Vessel Speeds and Fuel Consumption

Transit Speed	10 knots
Economic Speed Fuel Consumption	18.0m ³ /day

DP Systems

DP Classification	DPS-2
DP system	Kongsberg KPOS DP2
Reference Systems	2x DGPS, 1x Hipap, 1x RADIUS, 1x Cyscan

Cranes

Main Deck Crane	Huisman 100t knuckle boom offshore crane Active Heave Compensation/Auto Tension
Capacity	110MT at 21m, 69MT at 3,000m depth
Whip Line	10 MT / Personnel lift

ROV Systems

Workclass ROVs	x2 Heavy-Duty work class ROVs, 150HP, each launched over side ROVs operated from a dedicated control room
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Helideck

Type	Helideck is designed according to CAA regulation and is suitable for a Bell 212, Sikorskey S76/S92, Super Puma and smaller helicopter with a "D" value of 21m or less
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Survey

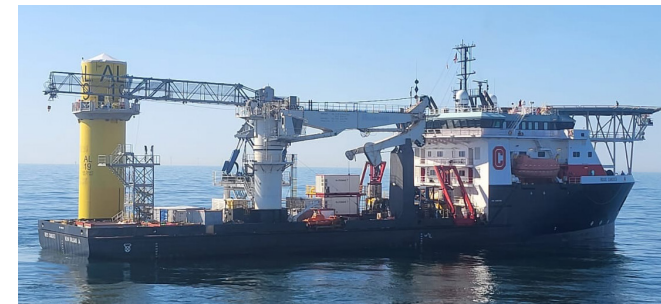
Survey Suite comprising Eiva Navipac online, Visual Soft Video recording and distribution suite capable for supporting construction and inspection.

Comms Systems

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

Accommodation

Ship's Office	1x
Conference Room	1x
Hospital	1x
Accommodation	75 persons
Additional Accommodation	Hospital, gymnasium and helideck staging area.



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The Subsea7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.

