

DSV KELLY ANN CANDIES

277' DP2 Dive Support Vessel

This is a purpose built Jones Act Compliant DP2 DSV with an integrated saturation diving system and moonpool launched diving bell. This vessel is ideally suited for supporting surface air diving operations to 150 feet, saturation diving operations to 1,000 feet and ROV operations to 3,000 meters. The *DSV KELLY ANN CANDIES* is outfitted with an integrated, built-in, DNV-Classed, IMCA Compliant, 14-man Drager Saturation Diving System complete with a 3-man diving bell and Self-Propelled Hyperbaric Lifeboat (SPHL). This vessel is also equipped with an ABS Classed Twin LARS Surface Diving System and integrated work class ROV.

Comfortable berths allow the boat to accommodate 74 persons.



| MACHINERY & EQUIPMENT | |
|-------------------------------|---|
| Main Engines: | 4 x 3512 Cat = 1700kW/ each |
| Tunnel Thrusters: | TT4 / 2.0m diameter CPP (Schottel) |
| Stern Thrusters: | SRP 1515 / 2.8m Diameter Variable Speed 4 Blade (Schottel) |
| Goodcrane Crane: | 60 ton Knuckle Boom Crane |
| Crane Offshore Rating: | 60 ton @ 10 m |
| Crane Wire Length: | 2,000 ft. |
| Deep Water Winch Wire Length: | 3,000 m |
| ELECTRONICS & COMMUNICATIONS | |
| Navigation: | Furuno GMDSS Model 1815, Furuno FAR2137s/12 S-Band Radar, Furuno FAR2117/6.5 X-Band Radar, Furuno FES700 Echo Sounder, Furuno DS-50 Doppler Speed Log |
| Communications: | Satellite communication system capable of voice and video conferencing available throughout the vessel |

| DOCUMENTATION | |
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| Class: | USCG, ✕100A1, LMC, 1NA1, DP2, ES (Clisan Dosing), UWILD, General Cargo, MARPOL, SOLAS, IMO |
| Vessel Type: | DSV |
| Flag: | USA |
| Built: | 2012 |
| DIMENSIONS | |
| Length: | 277 ft. |
| Breadth Moulded: | 59 ft. |
| Depth Moulded: | 24.3 ft. |
| Cargo Deck: | 3,100 ft. ² |
| HELIDECK | |
| Helideck is designed according to CAA regulation and is suitable for a Sikorsky S76 and smaller helicopter. | |
| MANEUVERING | |
| Dynamic Position System::: | Kongsberg K-Pos DP2 |
| Independent Joystick Control: | Kongsberg CC 1 C-Joy |
| DP Reference System: | 2 x DGPS (Trimble DSM 232) 2 x DGPS (Veripos CO25) 1 x RADIUS (Kongsberg 1000) 1 x HiPaP 1 x Taught Wire |
| Heading References: | 3 x C-Plath Navigat X Mk 1 |
| Environmental Sensors: | 2 x Wind Sensors 2 x MRU |

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| PERFORMANCE | |
|------------------|---|
| Speed: | 8 - 10 knots service speed, 12 knots maximum |
| Fuel Capacity: | 209.600 gallons |
| Gross Tonnage: | 5,289 GT ITC |
| Net Tonnage: | 1,586 NT ITC |
| ACCOMMODATIONS | |
| Quarters: | Berthing for 74 persons |
| Client Space: | Multiple 1-man state rooms/offices |
| Cinema: | Private cinema located on main deck with stadium seating and big screen TV with surround sound |
| Gymnasium: | Gymnasium below main deck equipped with weight machines and exercise equipment |
| Conference Room: | Private conference room with internet and video conferencing, business center with internet and voice communication, semi-private ships office located in pilot house, comfortable meeting area and helideck staging area |
| Hospital: | Fully equipped, 6-bed hospital located on B-Deck |



| SAT SYSTEM | |
|------------------------------------|---|
| Mission Requirements: | Time: 24-hrs diving per day Depth: 300 msw Duration : 40 days |
| Maximum Working Depth: | 300 msw |
| Breathing Gas: | HeO ₂ , O ₂ and air |
| Maximum Manning Level in Chambers: | 14 persons in 3 chambers (Split SAT capabilities) |
| Maximum Number of Divers in Bell: | 3 persons |
| SPHL Capacity: | 1 unit 14 pax each |
| HP Gas Storage: | 35 tubes @ 207 bar x 2.4 m ² |
| Divers Gas Reclaim: | 1 unit |
| System Exhaust Gas Reclaim: | 1 unit with gas bag |

