

DSV KELLY ANN CANDIES

277' DP2 Dive Support Utility 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	
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.	
HELIDECK	
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

