

### 附件三、Onyx 船舶規格文件



**Onyx**

130 Man, DP3, 250MT AHC Crane, Comf V(3)C(3) CSV/LV



<b>Onyx</b>
130 Berths in 1-man and 2-man cabins
DPS-3 Class Positioning System
Built 2014
250MT AHC Main Crane
One Auxiliary Cranes
DNV Comfort Class V(3)C(3)
Up to 1,700 m <sup>2</sup> Deck Space (including VLS)
Helideck
SPS Compliant
Twin ROV Hangers
275MT Vertical Lay System

11F., No. 257, Xueshi Rd., North Dist.,  
Taichung City 404, Taiwan (R.O.C.)

404 台中市北區學士路 257 號 11 樓

Tel: +886(0)-4-2206-0667

Email: [admin@dfo.com.tw](mailto:admin@dfo.com.tw)

## Onyx

130 Man, DP3, 250MT AHC Crane, Comf V(3)C(3) CSV/LV

### Principal Particulars

Flag	Marshall Islands
Built	2014, Ulstein Verft AS, Norway
Length Overall	130.00 m
Length B.P	124.26 m
Beam	25.00 m
Depth Moulded	10.00 m
Max Draft	7.60 m
Deadweight	7,200 MT (with VLS) 8,200 MT (without VLS)
GT / NT	11,803 / 3,541
ERN	DP-2: 99,99,99,99 DP-3: 99,99,99,85
Helideck	Suitable for Sikorsky S92N Helicopters, compliant with CAP437

### Classification

DNV, E0, DYNPOS-AUTRO, Clean(Design), COMF(C-3, V-3), DK(+), DYNPOS(AUTR), E0, HELDK(SH), NAUT(OSV(A)), SF, CRANE, VIBR, BIS

### Capacities

Fuel Oil	2,000 m <sup>3</sup>
Potable Water	1,000 m <sup>3</sup>
WB/DW	6,300 m <sup>3</sup>
Deck Cargo Area	Inclusive VLS: 1,700 m <sup>2</sup> Aft of VLS: 1,250 m <sup>2</sup>
Deck Cargo	About 5,800 tons
Cargo Deck Load	10 MT/m <sup>2</sup>

### Accommodation

1-Berth Cabins	48
2-Berth Cabins	41
Berths – Total	130
Hospital	1
Lounge	3 x Lounges
Mess Room	1 x 155 m <sup>2</sup>
Conference Room	1 x 12 pax and 1 x 10 pax
ROV Online Room	1 x 36 m <sup>2</sup>
ROV Offline Room	1 x 55 m <sup>2</sup>
Client Offices	5, varying sizes
Gym	1 x 45 m <sup>2</sup>
Hospital	1 x 20 m <sup>2</sup>
Water Maker	2 x 15 MT/day evaporators 1 x 25 MT/day reverse osmosis

### Machinery & Propulsion Equipment

Main Generators	6 x Bergen, 2,880 kW each
Thrusters	Tunnel Fwd: 2 x 2,140 kW Azimuth Fwd: 1 x 2,000 kW
Propulsion Thrusters	3 x 3,000 kW
Main Crane	1 x 250 MT NOV Crane 20 MT Auxiliary Hook
Auxiliary Crane	1 x 12 MT @ 15m

### Dynamic Positioning System

Type	Kongsberg, DP3 (Operation+)
Reference Systems	2 x HiPAP 501 1 x SpotTrack 1 x Radius 3 x DGPS (2 x DPS132, 1 x DPS232)
Control	5 x Operator Stations

### Performance

Service Speed	13.5 kts
Max Speed	15.0 kts
Economical Speed	10.5 kts
Fuel Consumption	Economical: 13 MT / day Transit (12-13 kt): 32 MT / day Maximum: 50 MT / day Port: 3-5 MT/day
DP Fuel Consumption	Heavy Seas: 15 MT / day Moderate Seas: 12 MT / day Light Seas: 10 MT / day

### ROV & Moonpool

Hanger	One hanger situated aft of the accommodation area, with large door to main deck.
LARS	1 x Overside LARS 1 x Moonpool LARS Both 12 MT SWL
Doors	Starboard & Moonpool
Moonpool	2 fitted Main deck: 8.0 m x 8.0 m ROV: 4.9 m x 4.9 m