

**DSV Swordfish**  
**Multi-Purpose Dive Support Vessel**  
**OUTLINE SPECIFICATION / DATA SHEET**



## VESSEL IDENTIFICATION, MAIN PARTICULARS

The Swordfish is specifically designed for saturation diving, ROV, survey and crane operations in adverse weather conditions. This modern design ensures economical fuel consumption, maneuverability, stability and station keeping. The Swordfish is ideally suited for offshore installations of subsea hardware, complex deepwater Inspection, Repair and Maintenance (IRM), and well intervention services.

Built	2007
Flag	Republic of Marshall Islands
LOA	103.7 m
Breadth	19.7 m
Draft	6.2 m
Gross Tonnage	4,800 Te
Accommodation	100 persons
Class	ABS - A1, Ice Class CO, AMS, ACCU, DPS-2, ES

## DECK EQUIPMENT

- 150 Te active heave compensated crane with 3,000 m wire
- 70 Te active heave compensated crane with 2,050 m wire
- 2 x auxiliary cranes, boat deck, 5 Te @ 15 m
- 2 x capstan/mooring winches aft: 10 Te each
- 2 x Tuggerwinch 15 Te
- 4 x cargo securing winches

## DIVING SYSTEMS

- IMCA compliant, ABS classed A1 dive system
- Upgraded in 2015
- Integrated 15-person SAT System, 300 m rated depth
- 18-person self-propelled hyperbaric lifeboat with a dedicated, hyperbaric rescue facility
- 3-man diving Bell
- 400,000 ft<sup>3</sup> diving gas storage
- Divers and system gas reclaim
- Located midship, bell deployed thru moon pool
- Surface dive system

## POSITION SYSTEMS

DP Type	Kongsberg
DP Class	SDP21 KPOS DP2
Acoustics	Kongsberg HiPAP
DGPS	500
Other	1x Tautwire System

## MAIN PROPULSION SYSTEM

Diesel electric propulsion plant	
2 x azimuth thrusters for main propulsion - 2.2 kW output each	
MAX Speed	16 kts
Cruise Speed	10.5 kts

## APPROX. FUEL CONSUMPTION

Transit (10.5kn)	18 m <sup>3</sup> /day
DP	9 m <sup>3</sup> /day
In Port	3 m <sup>3</sup> /day

**NOTE:** The particulars are believed to be correct, but are not guaranteed

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**DECK**

Clear Area	1,150 m <sup>2</sup>
Strength	10 Te/m <sup>2</sup> Frame #1 - #84 5 Te/m <sup>2</sup> Frame #84- #109
Moon pool	7.2 m x 7.2 m (SAT Dive Deployment)

**TUNNEL THRUSTERS / AZIMUTHS**

2 x electric driven tunnel thrusters in bow - each 1,050 kW  
 1 x electric driven azimuth thruster in bow - 800 kW

**POWER GENERATING PLANT**

4 x main generators - each 2,100 kW  
 1 x auxiliary generators - 910 kW  
 1 x emergency generator - 160 kW

**HELIDECK**

Type	Sikorsky S-92 rated
Max Load	12.8 Te



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