

James Fisher Subtech

# DSV Subtech Swordfish multipurpose dive support vessel | Data sheet

# Vessel identification, main particulars

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

IMO number	9385300
Call sign	V7BU2
Built	2007
Flag	Republic of Marshall Islands
LOA	103.7m
Breadth	19.7m
Draft	6.2m
Gross tonnage	5,372 Te
Accommodation	100 persons
Class	ABS - A1, Ice Class CO, AMS, ACCU, DPS-2, ES

## **Deck equipment**

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

4 x cargo securing winches

## **Diving system**

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
11,000m³ diving gas storage
Divers and system gas reclaim
Located midship, bell deployed through moon pool
Surface dive system
Tool LARS (Hydraulic)
2 x Hydraulics systems for subsea tooling
LP Air 10 bar compressor
2x Subsea Jetting pumps

## **Position systems**

DP type	Kongsberg
DP class	SDP21 KPOS DP2
Acoustics	Seatex DPS 200 L1/Glonass & Rovnav
DGPS	3 x winches working load 1000 kg
Fan beam	MDL model MK 4
Other	1x Tautwire system

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



## Main propulsion system

Diesel electric propulsion plant 2 x azimuth thrusters for main propulsion - 2.2 kW output each

Transit speed	10.5kts
Manoeuvring speed	10.5kts
Manoeuvring speed	10.5Kts

## Approximate fuel consumption

Transit (10.5kn)	18m³/day
DP	9m³/day
In port	3m³/day

#### Deck

Clear area	1,150m²
Strength	10 Te/m² Frame #1 - #84 5 Te/m² Frame #84 - #109
Moon pool	7.2 m x 7.2 m (SAT dive deployment)

## Helideck

Туре	Sikorsky S-92 rated
Max load	12.0 Te

# **Tunnel thrusters / azimuths**

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

1 x electric driven azimuth thrusters in bow - 800 kW

Main propulsion - Azipull 100FP 2200KW x 2

# Power generating plant

4 x main genera	ators - each 2,100 kW
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1 x auxiliary generators - 910 kW

1 x emergency generator - 160 kW

## Draft

Max draft	6,1 mtr
Operation draft	5,5 mtr

## **ROVs**

WROV 150hp Quasar (Work Class)

Provisional space on the Mez deck for a 2nd WROV (Quasar type or Obs Class Rov)







