

EQUIPMENT SHEET

SEA1 SPEARFISH

SUBSEA IMR, SURVEY AND ROV SUPPORT VESSEL



CONSTRUCTION / CLASSIFICATION

Built	Norway
Year of construction	2014
Classification	DNV ✱ A1, E0, DYNPOS- ATR, DK(+), HELDK-SH, ICE-1B (hull only), ICE-C, SF, BIS, CLEAN DESIGN, RECYCLABLE, NAUT-AW, ComfV(3)-C(3), SPS Resolution MSC.266(84), Code of safety for special purpose ships, 2008
IMO	9676280
Port of registry	Nassau
Call sign	C6DA7
Flag	Bahamas

FEATURES

The vessel is an Offshore Subsea Construction Vessel (OSCV) designed and equipped for subsea operation duties such as construction and installation work, inspection and maintenance. The design is of type OSCV 03. The vessel is environmentally friendly with focus on low fuel consumption through its hull shape and diesel electric machinery.

Sea1 Spearfish is a vessel equipped with a 250 t active heave compensated subsea crane, capable of delivering loads to depths up to 2,800 meters and is a versatile and cost effective working platform for a broad range of demanding offshore projects.

250 t AHC subsea crane with 2,800 m wire and 20 t whipline with AHC

2x 150 hp WROVS inside hangar, rated for 3,000 m WD

Integrated overside LARS and moonpool LARS, both with AHC and in enclosed hangars

MAIN DATA

Length (LOA)	120.9 m
Length between p.p.	110.8 m
Breadth moulded	23.0 m
Draft, max	6.6 m
Dead weight	5,000 t

DECK CAPACITIES

Free deck area	1,350 m ²
Length	80 m
Width	22 m
Moonpool	7.2 m x 7.2 m

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PROPULSION

Main propellers	2 x Well proven frequency controlled Rolls Royce Comtaz azimuth thrusters Power: approx. 3,000 kW each
Side thrusters	2 x Rolls Royce side thrusters 1,900 kW 1 x El driven Rolls Royce swing-up thruster 1,500 kW
Main generators	4 x Wärtsilä 2,760 eKW - 720 rpm
Harbour generator	1 x Cummins 750 eKW - 1,800 rpm
Emergency generator	1 x Cummins 185 eKW - 1,800 rpm

NAVIGATION EQUIPMENT

Dynamic positioning	Kongsberg K-Pos DP-21 DP II
Reference systems	DPS 700 radius 1,000 D Cyscan 1,000 m range, 2 x H IPAP 501 W/ LONG POLE
Motion reference units	2 x MRU 5, 1 x MRU D 2 x DGPS 12

ACCOMMODATION

Capacity	110 bunks
Single cabins	4 state cabins 9 officer cabins 21 crew cabins
Double cabins	38 crew cabins

TANK CAPACITIES

Drill / ballast water	5,400 m ³
Fresh water	1,009 m ³
MEG	300 m ³
FUEL	1,400 m ³

DECK EQUIPMENT

Offshore Crane	250 Te AHC Main crane - 3,000 m 20 Te AHC Whip line - 3,000 m Man-riding 10 t/40 m on Whip line
Provision crane	3 t - 15 m
Hangar crane	Foldable crane in ROV hangar Capacity: 1 t - 16 m, SWL 4.3 t - 4.7 m
Moonpool	7.2 x 7.2 m

FRC AND LIFEBOATS

Liferafts	4 x lifeboats with davit - SOLAS (100% Coverage each side, 95 kg/pax) One lifeboat is classed as MOB boat
Rescue/mob boat	Fast rescue craft - SOLAS approved

HELIDECK

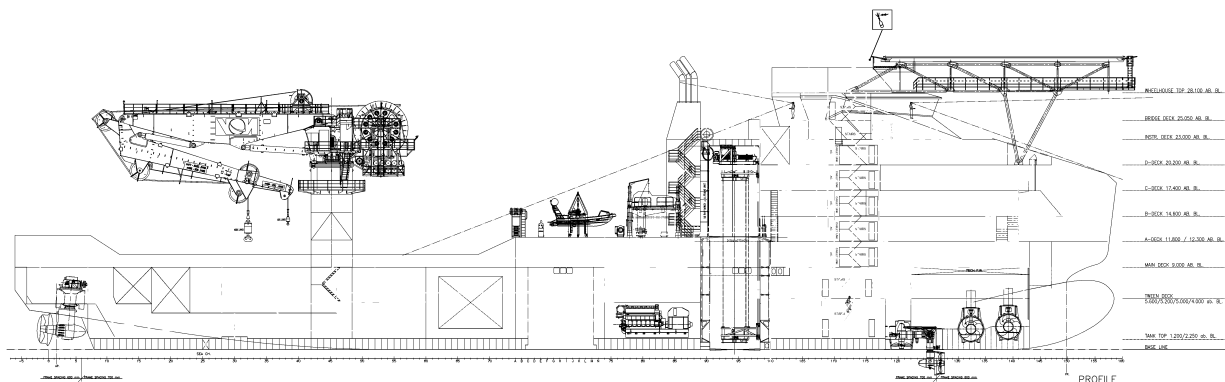
	21-D value octogonal aluminium Helideck DNV certified with HELDK-SH
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CONSUMPTION

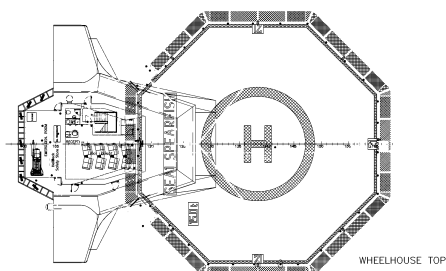
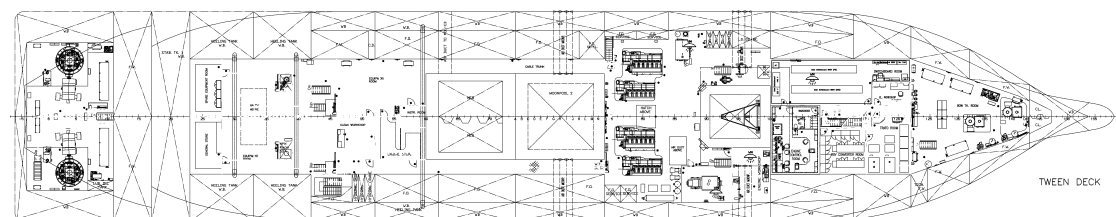
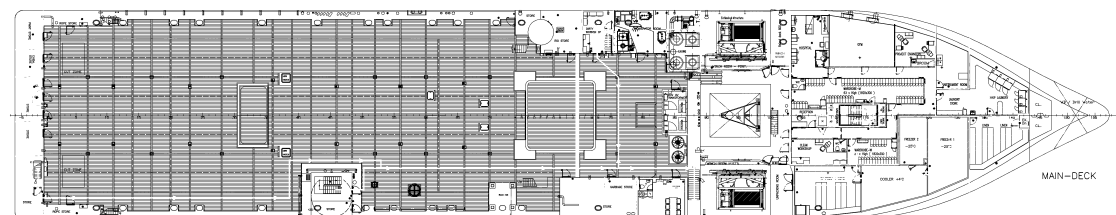
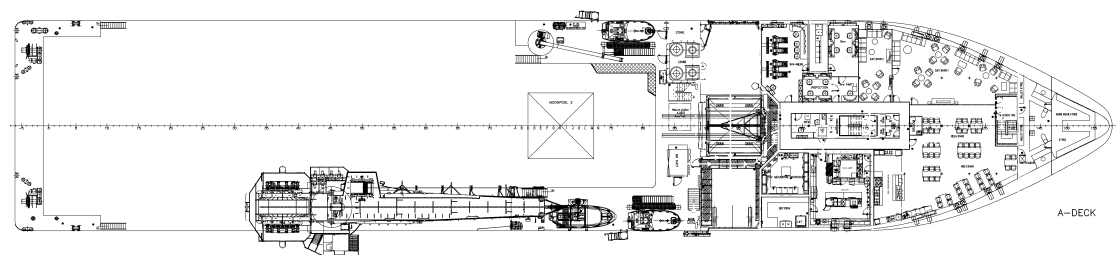
Economy speed	10 kn 20 m ³ /day
DP operations	10 - 12 m ³ /day
In port	4 - 5 m ³ /day

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SIDE VIEW



TOP VIEWS

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