



Siem Daya 2

Siem Daya 2 is a DP2 offshore subsea construction vessel designed and equipped specifically for subsea operations. She features twin WROVs, a work moonpool, a 250T AHC crane, and provides accommodation for 110 persons.

Class Notation

DNV ✕ 1A1: ICE-C, SPS, SF, COMF-V(3)C(3), HELDK-SH, CRANE, E0, DYNPOS-AUTR, NAUT-AW, CLEAN DESIGN, Recyclable, DK(+), BIS

Data

Vessel Name Siem Daya 2
 Class DNV
 Flag State Cyprus
 Keel Laid 3 September 2012
 Delivery 13 December 2013
 Hull Number 794
 Designer VARD/STX
 Builder VARD Brattvåg
 Call Sign 5BZQ3
 IMO No. 9660114

Principle Particulars

Length Over All 120.8m
 Length Between Perpendiculars 110.8m
 Load Line Length 111.148 m
 Moulded Breadth 22.0m
 Moulded Depth to Main Deck 9.0m
 Midship Draft (Min/ Design / Max) 5.0m / 5.8m / 6.6m
 Work Moonpool 7.2m x 7.2m
 Helideck 20.88m (26.1m) - 12.8t
 Deadweight at Max Draft 5110t
 Gross Tonnage 8594GT

Accommodation

Accommodation for 110 persons
 Single Cabins 34
 Double Cabins 38
 Offices (Client & Ops) 6
 Meeting Rooms 2
 Hospital 1
 Mess / Day Rooms 2 Mess / 2 Day Rooms
 Galley 1
 Laundry 1
 Workshop 1 Engine, 1 Dirty, 2 Clean, 1 Electrical, 1 ROV
 Gymnasium 1
 Water Maker 1 Reverse Osmosis 25 m³/day
 Water Maker 2 Evaporator 20 m³/day
 Dry Store 14m²
 Dry Provisions 37m² @ 12°C
 Refrigerated Provisions 28m² @ 4°C
 Freezer 48m² @ -25°C
 Air Conditioning Chilled Water / Fan Coil

Dynamic Positioning

Maker Kongsberg
 Type DP2
 Reference 1 DGPS 132/ Seapath 330
 Reference 2 DGPS 232/ Seapath 330
 Reference 3 2 x Mk 15B Taut Wire
 Reference 4 Radius 1000
 Reference 5 2 x HiPAP 501 (c/w Responder Driver Units)
 Reference 6 CyScan Mk4 Laser

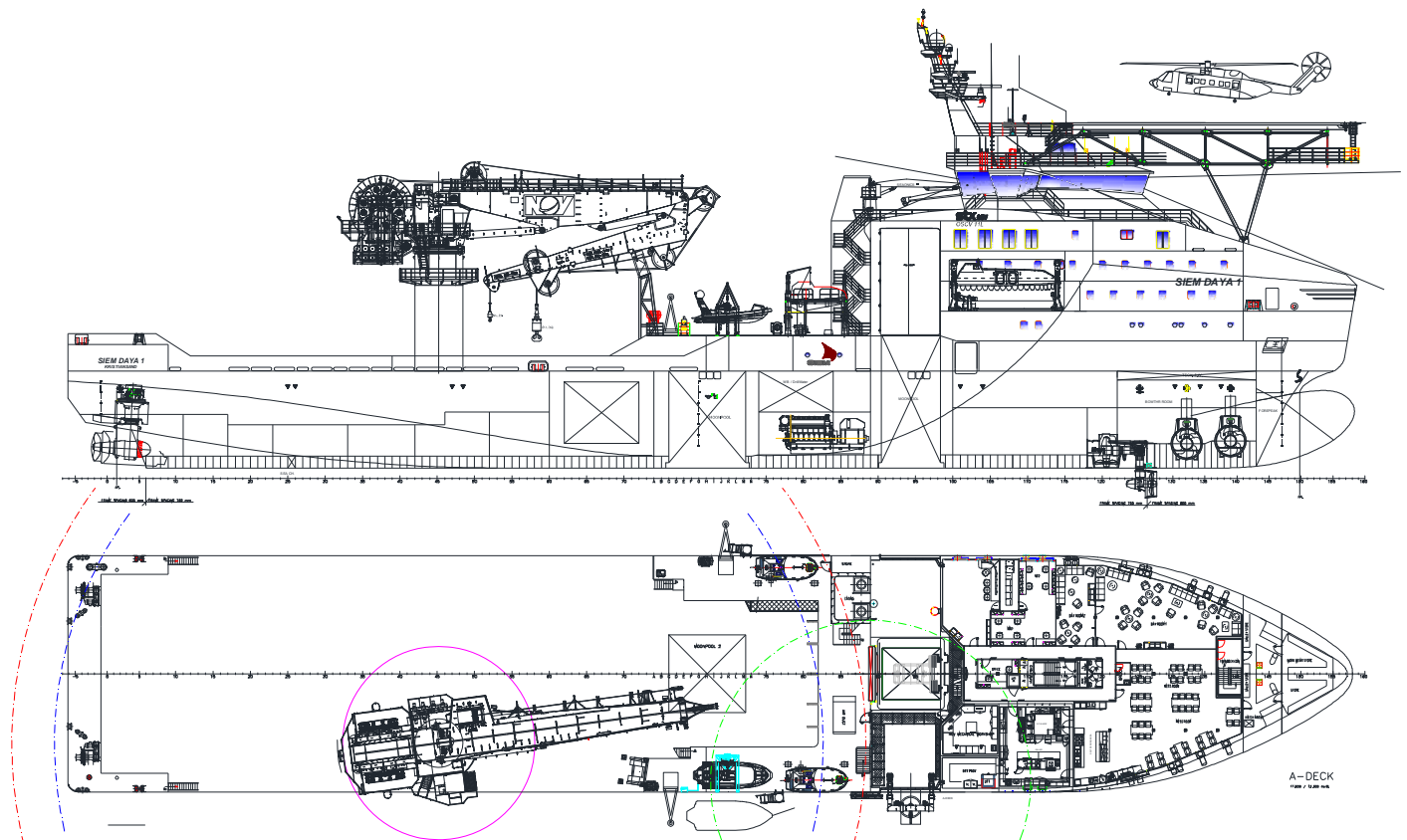
Capacities

Service Air 15 outlets. 36m³/hr @ 8bar
 Deck Area..... 1300m² @ 10t/m²
 Seafastening Tee Bars2m Grid ~ 10t point load uplift.
 Deck Cargo2100t @ 1m above main deck
 Tween Deck Stowage 190m² @ 5t/m²
 Fuel Oil (Capacity / Transfer) 1397m³ - 16m³/ hr @ 2bar
 Drill/Ballast Water (Cap / Supply) .. 5294m³ - 45m³/hr @ 3bar
 MEG Capacity (Cap / Trans) 2 x 150m³ - 75m³/hr @ 3bar
 Fresh Water (Capacity / Supply) 660m³ - 8m³/hr @ 6bar
 Roll Reduction Tanks 2 pairs 1500 m³/hr
 Deck Power 440V.. 3 x 1283A, 2 x 630A, 2 x 260A, 2 x 160A
 Deck Power 220V..... 2 x123A
 Utility Stations..... 1 Crane Pedestal / 1 Port Aft Rope Store

Propulsion

Stern Thrusters..... 2 x RR Contaz 25, 3000kW FP Azimuth
 Bow Thrusters 2 x RR TT2650 DPN CP, 1900kW Tunnel
 Bow Thruster Retractable.... 1 x RR TCNS, 1500kW Azimuth
 Main Propulsion..... 4 x 2800kW Wärtsilä W6L32 D ~ 690V
 Harbour Generator 1 x 750kW ~ 690V
 Emergency Generator 1 x 185kW ~ 690V
 Maximum Speed 15knots
 Cruise / Service Speed..... 10knots
 Fuel Consumption (Cruise/DP – Port) 12t/day – 4.5t/day

General Arrangement



- All vessel specifications contained herein are for information purposes only -

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Deck Equipment

Offshore CraneNOV Knuckle Boom
 Harbour Capacity..... DAF 1.3 250t @ 16m ~ 80t @ 36m
 Subsea Capacity DAF 1.3 250t @ 14m ~ 70t @ 36m
 Main Winch..... 250t 3000m AHC
 Auxiliary Winch20t 3000m AHC (1t Man-Riding) @ 40m
 ROV Hangar Crane 4.3t @ 4.7m ~1t @ 16m Telescopic
 Deck Provision Crane.....3t @ 15m (1.5t MR) Knuckle Boom
 Mooring Winches Aft 2 x 10t
 Capstans Fwd..... 2 x 10t
 ROV 1.....200hp Perry XLX (Moonpool) 3000m AHC
 ROV 2..... 200hp Perry XLX (Stbd Hangar) 3000m AHC

Safety Equipment

Fast Rescue Craft..... 22ft Diesel Driven, Jet Propelled
 Rigid Lifeboats..... 100% Capacity Each Side

Communications

VSAT 2 x 2.4m ant. (max 2048kbps ↑/ 4096kbps ↓)
 External Phone Lines 15 Digital
 Telephone in all cabins Yes
 ice.netx2
 3G.....x2
 Video Connection in all Cabins..... Yes
 Clearcoms (Internal)..... Yes
 CCTV..... Yes