



## 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 m<sup>3</sup>/day  
 Water Maker 2 ..... Evaporator 20 m<sup>3</sup>/day  
 Dry Store ..... 14m<sup>2</sup>  
 Dry Provisions ..... 37m<sup>2</sup> @ 12°C  
 Refrigerated Provisions ..... 28m<sup>2</sup> @ 4°C  
 Freezer ..... 48m<sup>2</sup> @ -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

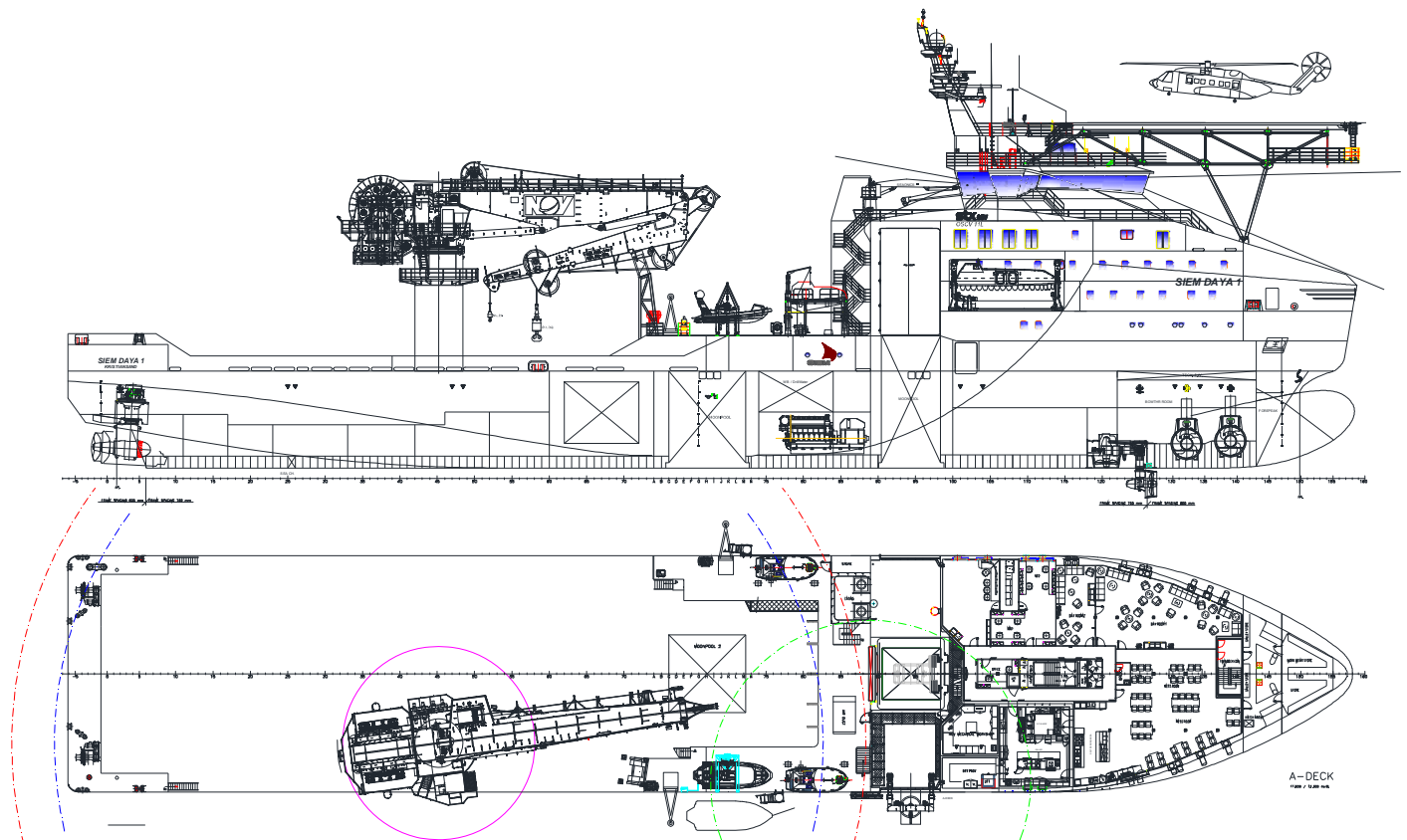
## Capacities

Service Air ..... 15 outlets. 36m<sup>3</sup>/hr @ 8bar  
 Deck Area..... 1300m<sup>2</sup> @ 10t/m<sup>2</sup>  
 Seafastening Tee Bars .....2m Grid ~ 10t point load uplift.  
 Deck Cargo .....2100t @ 1m above main deck  
 Tween Deck Stowage ..... 190m<sup>2</sup> @ 5t/m<sup>2</sup>  
 Fuel Oil (Capacity / Transfer) ..... 1397m<sup>3</sup> - 16m<sup>3</sup>/ hr @ 2bar  
 Drill/Ballast Water (Cap / Supply) .. 5294m<sup>3</sup> - 45m<sup>3</sup>/hr @ 3bar  
 MEG Capacity (Cap / Trans) ..... 2 x 150m<sup>3</sup> - 75m<sup>3</sup>/hr @ 3bar  
 Fresh Water (Capacity / Supply) ..... 660m<sup>3</sup> - 8m<sup>3</sup>/hr @ 6bar  
 Roll Reduction Tanks ..... 2 pairs 1500 m<sup>3</sup>/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 Crane .....NOV 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 Winch .....20t 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.net .....x2  
 3G.....x2  
 Video Connection in all Cabins..... Yes  
 Clearcoms (Internal)..... Yes  
 CCTV..... Yes