



# HARKAND



## SIEM SPEARFISH DP2, MULTI-PURPOSE SERVICE and ROV VESSEL

### DIMENSIONS

Length 120.8 m & Beam 23 m

### MAIN DECK AREA

1,350 m<sup>2</sup> with 10 Te/m<sup>2</sup>

### MAIN CRANE

250 Te active heave compensated  
3,000 m crane wire

### ROV

2 x Triton heavy duty work class ROVs

### SURVEY

Full high specification survey spread

# TECHNICAL SPECIFICATIONS

## MAIN PARTICULARS

The Siem Spearfish is a purpose built offshore construction vessel. The vessel is equipped with an AHC 250 Te offshore crane and is outfitted with two heavy duty work class ROVs rated to 4000m.

Built	2014
LOA	120.8 m
Breadth	23 m
Draft	6.6 m
Deadweight	5,100 Te

## OFFSHORE CRANE

250Te active heave compensated offshore crane with 3,000 m wire  
20 Te active heave compensated whip line

## CAPACITIES

MEG Tanks Two with a total capacity of 300 m<sup>3</sup>  
Fuel Capacity 1,400 m<sup>3</sup>  
Fresh Water 450 m<sup>3</sup>

## DECK CAPACITY

Clear Area	1,350 m <sup>2</sup>
Strength	10 Te/m <sup>2</sup>
Moon pool	7.2 m x 7.2 m
Max Cargo	3,100 Te

## ROV

ROV hanger fully enclosed. Capability to install Observation ROV to launch overboard from the port side of the ROV hanger.  
1 x ROV Moonpools: 4.9 m x 5.4 m

Manufacturer	Forum (formerly Perry)
Type	XLS
Quantity	2
Horse Power	150 hp
Verticle Thrust	900 Kgf
Depth Rating	4,000 m
Payload Capacity	200 Kg
Excursion	550 m

## SURVEY

Harkand provides innovative technological solutions, highly skilled and competent offshore personnel and an experienced onshore management team.

The vessel is permanently mobilised with dual DGPS, dual online navigation, online sensor acquisition and offline processing and reporting packages. Advanced survey equipment and software can be installed and calibrated onboard for any project specific work scope.

## POSITIONING SYSTEMS

DP Type	Kongsberg (K-Pos. 2.1)
DP Class	AUTRO, DP2
DPS 700	
Hipap 501	
Radius 1000 D	
Cyscan 1000 m	
2 x MRU5	
1 x MRU D	

## MACHINERY AND PROPULSION

Total installed power > 11 MW / approx. 15,000 bhp  
Separate 750 kW harbour diesel generator  
2 x bow tunnel thrusters and (1) retractable azimuth (total 5,200 kW)  
2 x Contaz 25 (2 x 3000 kW)

## ACCOMMODATION CAPACITY

Certified to carry 110 persons  
High comfort accommodation - 42 single / 34 double

## HELIDECK

Type	Sikorsky S-92 Rated
Max Load	12.8 Te

## CLASSIFICATION & REGULATIONS

DNV IACS:  
DNV 1A1EO, DYNPOS-AUTRO, DK(+), HELDK, ICE-1B (hull only), SF, BIS, CLEAN DESIGN, RECYCLABLE, NAUT-AW, Comf-V(3)-C(3), SPS Resolution MSC.266(84), Code of safety for special purpose ships, 2008 IMO/SOLAS Norwegian flag (NOR)  
ERN 4x99

## CLASSIFICATION & REGULATIONS

2 x 10 Te mooring winches (aft)  
2 x deck / provision cranes 3.0 Te - 15 m  
1 x foldable crane for equipment handling in ROV hanger. (1 Te - 16 m)

### ABERDEEN

[info-europe@Harkand.com](mailto:info-europe@Harkand.com)

### GHANA

[info-ghana@Harkand.com](mailto:info-ghana@Harkand.com)

### HOUSTON/MEXICO

[info-northamerica@Harkand.com](mailto:info-northamerica@Harkand.com)

### NIGERIA

[info-nigeria@Harkand.com](mailto:info-nigeria@Harkand.com)

### LONDON

[info-corporate@Harkand.com](mailto:info-corporate@Harkand.com)



Download our App for an interactive experience

All information included in this specification is believed to be correct but is subject to change. No guarantees of accuracy can be given.

