

Skandi Seven

PIPELAY AND CONSTRUCTION VESSEL



The Skandi Seven is a pipelay and construction vessel fitted with a Vertical Lay System* for deployment of a range of flexible products, capable of operating in water depths of up to 3,000m with a top-tension capacity of 110t.

- Length 120.7m
- Breadth 23m
- Cargo Deck Area 1,300m²
- Active heave compensated 250t offshore crane
- 2 x Auxiliary cranes
- Single enclosed ROV hanger for side launched and moonpool launched ROV systems
- Provision is also available for five 300t reels on deck
- 3 x 300t reels or a 18m diameter Carousel
- Two main azimuth units with open fixed propellers, two bow tunnel thrusters and two bow azimuth thrusters
- Class III DP System

General Information

Classification DNV, +1A1, SF, EO, DYNPOS AUTRO
 DK+, Comf-V(3)C(3), HELDK
 NAUT-AW, CRANE, ICE-C, CLEAN
 Built Aker Yards Soviknes, Norway 2008
 Flag State Authority Isle of Man
 Port of Registry
 Douglas

Dimensions

Overall Length 120.70m
 Breadth 23m
 Depth 9m
 Draught (summer) 6m
 Draught (max) 7m
 Deadweight 5,500t

Dynamic Positioning Systems

DP Classification DYNPOS AUTRO (Class
 III)
 ERN
 Rating 99.99.99

Tank Capacities (100%)

Fuel Oil 1,930m³
 Fresh Water 1,060m³
 Ballast Water 3,700m³

Cargo Deck

Deck Area (clear) 1,300m²
 Deck Strength 10t/m²

Deck Cranes

The vessel is fitted with an active heave compensated offshore pedestal crane with the following main capacities:

Main Deck Crane 250t at 14m (harbour lift)
 250t at 12m (subsea lift)
 230t at 13m (ahc subsea lift)
 190t at 12m (subsea lift at 2500m)

In addition the vessel is fitted with two auxiliary knuckle boom cranes, each with a capacity of 3t at 15m.

Pipelay System

Provision is also available for five 300t reels on deck. 3 x 300t reels or a 18m diameter carousel. A vertical lay system* (110t capacity) is permanently installed for deployment of a range of flexible products. The carousel can stow products from 100mm to 600mm diameter with the tensioner allowing a minimum of 50mm.

ROV Systems

The vessel has a single enclosed ROV hanger with ROV doors on the port and starboard sides and after end. A moonpool and a side door launch system are provided for ROV operations.

The vessel is fitted with an ROV moonpool (5.6m x 5.5m) with baffle zones in order to provide optimised sea damping capabilities.

ROV Moonpool 5.6m x 5.5m
 Work Moonpool 7.2m x 7.2m

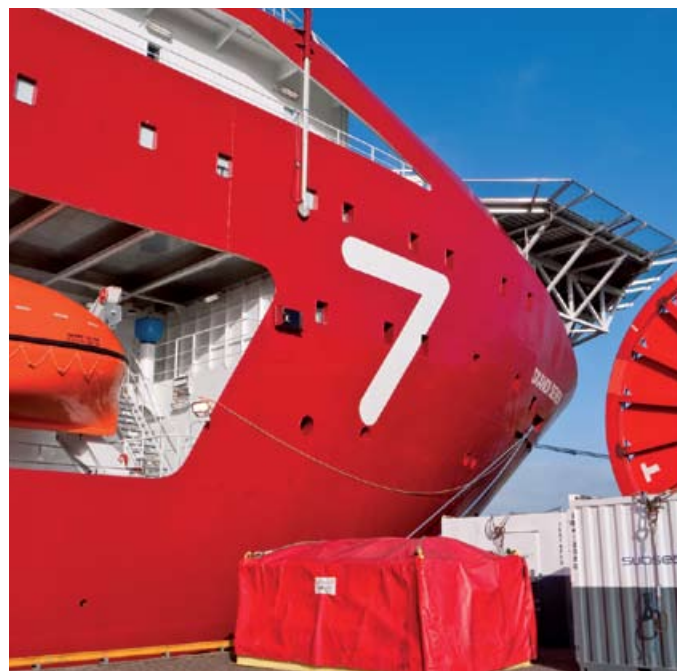
Accommodation 120 persons

Helideck

The vessel is fitted with an approved and certified helideck. The helideck has a D-value of 21 and is approved for Sikhorsky S92 helicopters.

Communications

The vessel is fitted with a VSAT communications system.



* Subsea 7's use of the Vertical Lay System (VLS) is under licence from Technip