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subsea 7

# Skandi Acergy

## Vessel Info

Full specification overleaf

**Skandi Acergy** is a DP2 multi-purpose offshore heavy construction vessel equipped with 2x WROV's, DP Class III and a 400t AHC crane with deep water capabilities.

- Length 157m x breadth 27m
- Main deck 2,100m<sup>2</sup>
- 400t main AHC offshore crane capable of working up to 3,000m water depth
- 3,000t underdeck Carousel
- DP3 Class vessel
- Accommodation for 140 persons
- 2x work-class ROVs

## Fast Facts

- Vessel maximum speed 17kts
- Accommodation available for total POB 140
- 3x purpose built moonpools, 2x for WROV and 1x product overboarding
- Capable knuckle boom main crane incorporating a special lift mode enabling installation of tall, high footprint, high load lifts such as integrated template structures.





Skandi Acergy

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## General Information

|                       |  |
|-----------------------|--|
| Type Classification   | Construction/Flexlay<br>DNV; 1A1 Clean(Design)<br>COMF(C-3, V-3) Crane DK(+)<br>DYNPOS(AUTRO) E0 HELDK(S, H)<br>Ice(C) NAUT(AW) SF TMON. ERN<br>No: 99.99.99 |
| Builder               | Aker Yards Soviknes  |
| Year Built            | 2008   |
| Flag/Port of registry | NIS/Bergen   |

## Principal Dimensions

|                    |                     |
|--------------------|---------------------|
| Length Overall (m) | 156.9.0m            |
| Breadth Moulded    | 27.0m               |
| Gross tonnage      | 16,500t             |
| Net tonnage        | 4,951t              |
| Operating draft    | 6.5-7.0m            |
| Air draft          | 48.1m (keel to top) |

## Main Deck

|                     |                               |
|---------------------|-------------------------------|
| Deck Cargo Area     | 2,100m <sup>2</sup>           |
| Deck Strength       | 10t/m <sup>2</sup>            |
| Deck Cargo Capacity | 7,000t capacity 1m above deck |

## Tank Capacities (100%)

|                            |                     |
|----------------------------|---------------------|
| Fuel Oil (m <sup>3</sup> ) | 2,300m <sup>3</sup> |
| Ballast                    | 9,000m <sup>3</sup> |
| Fresh potable water        | 1,500m <sup>3</sup> |

## Power and Propulsion

|                      |  |
|----------------------|--|
| Main engine          | 2x MAN 8L 32/40(3840kW, 720rpm);<br>4x 6L 32/40 (2880kW, 720 rpm)  |
| Propulsion thrusters | 2x Ulstein Aquamaster Contaz<br>35, 3000kW, 1xKAMEWA-Ulstein<br>86XF5/4E 3700, CPP propeller,<br>4000kW        |
| Bow thrusters        | 2x Kamewa Ulstein Tunnel<br>Thruster TT2650, DPN CP 1900kW<br>2x Azimuth thruster forward<br>UL2001, FP 1500kW |

## Vessel Speeds and Fuel Consumption

|                                 |                       |
|---------------------------------|-----------------------|
| Maximum Speed                   | 17.0 knots            |
| Economic Speed                  | 15.0 knots            |
| Economic Speed Fuel Consumption | 30m <sup>3</sup> /day |

## Pipelaying Systems

|                           |                                 |
|---------------------------|---------------------------------|
| Capacity                  | 3,000t                          |
| Carousel Outer Diameter   | 23.6m                           |
| Carousel Height           | 5.6m                            |
| Carousel Effective Volume | 2,336m <sup>3</sup>             |
| Reels                     | Capacity for 4x 360t deck reels |

## Cranes

|                              |  |
|------------------------------|--|
| AHC Deck Crane (main)        | 400t single fall, wire length<br>suitable for work of 3,000m,<br>20t AHC single fall auxiliary winch,<br>40t double fall without AHC   |
| AHC Auxiliary Offshore crane | 50t single fall main winch, 100t<br>double fall without AHC suitable<br>for work to 2,000m in single fall<br>10t single fall auxiliary winch for<br>deck handling and man-riding lifts |

## DP Systems

|              |   |
|--------------|---|
| Dynpos K-POS | DP-21 and K-POS DP11<br>1x DPS 132<br>1x DPS 200<br>2x Seapath 380<br>2x HiPAP 500<br>1x Fanbeam<br>1x Radius |
|--------------|---|

## ROV

|               |  |
|---------------|--|
| WROV          | 2x systems in dedicated hangar<br>area, moonpool deployment, heavy<br>duty systems |
| Type          | XLX-C, 200bhp  |
| System rating | 3,000msw   |

## Moonpool

|           |  |
|-----------|--|
| Main Deck | 7.2m x 7.2m positioned centrally       |
| WROV      | 2x moonpools 5.6m x 3.5m Port/<br>stbd |

## Helideck

|                       |                                   |
|-----------------------|-----------------------------------|
| Type certified CAP437 | 21.0m x 21.0m (Suitable for S-92) |
|-----------------------|-----------------------------------|

## Accommodation

|                 |               |
|-----------------|---------------|
| Berths (No.)    | 140 (max POB) |
| Office (No.)    | 12            |
| Conference room | 2             |
| Gym             | 2             |



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