Design: Aker DSV 06
Built: 2007
IMO No: 9413810

SKANDI ACHIEVER
This specification together with General Arrangement plan drawing describes a Diving support vessel specially designed and equipped for Subsea operation duties. The design is of type Aker DSV 06.

The Vessel is designed with a high focus on good sea-keeping abilities and excellent station keeping performances. The vessel is environmentally friendly with focus on low fuel consumption and precautions equivalent to DNV’s CLEAN DESIGN requirements are incorporated in the design.

The vessel is fitted with a
• ROV hangar with doors
• Large crane
• Work Moonpool
• Dive Moonpool
• Helideck for Sikorsky 92
• High standard accommodation for 100 persons with low noise levels.

Main Particulars:

- Length overall: 105.9 m
- Length between: 94.7 m
- Breadth moulded: 21.0 m
- Depth main deck: 8.5 m
- Design draft midship: 5.8 m
- Max. scantling draft midship: 6.6 m

Capacities:

- Fuel oil: 1 150 m³
- Fresh water: 760 m³ (+ 300 m³ in stabtanks)
- Water ballast: 3 300 m³
- Deck cargo: 1 300 T
- Deadweight: 4 000 T

COG = 1.0 m above deck. At draught 6.6 m midship.

Classification and Regulations:

- Det norske Veritas (DnV): 1A1, SF, E0, DYNPOS-AUTR (IMO II), DK (+), Comf- V(3), CLEAN DESIGN, HELDK., NAUT-AW, DSV-SAT
- IMO / SOLAS
  Code Of Safety For Special Purpose Ships (Resolution A.534(13))

Side Thrusters:

- Two off El. driven sidethrusters forward: 1 500 kW, frequency controlled.
- One off El. driven gyro thruster forward: 1 500 kW, frequency controlled.

Roll reduction system:

- Two off Passive roll reduction tanks

Environmental regulatory numbers:


DP II system:

- DP II system, DNV AUTR, with reference systems: Two DGPS, Two Seapath 200, Redundant HiPAP 500, Two Taut wires, Fanbeam
Deck machinery:

Two of Windlass with warping head
Two of Mooring winch with warping head

Deck Crane:

One off Deck / Provision crane 3 T, 15 m

Offshore Crane:

One off Active heave compensated Offshore pedestal crane: 140 T, 10 m
One off 4T-14m

Diving System

18 men saturated diving system installed

Helicopter deck

Helicopter deck for Sikorsky S-92.

Safety Equipment:

The vessel to have safety equipment according to flag states requirements.
Two off Life boats 100 persons. Approved type.
One off FRC with water jet, with el. hydraulic davit. NMD approved.

Main Propellers:

Two off Main Azimuth Propellers with open open contrarotating fixed propeller, frequency controlled.
Diameter: 3600 mm
Power: 2200 kW

Generators:

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<thead>
<tr>
<th>Generator</th>
<th>Quant.</th>
<th>Capacity (eKw)</th>
<th>Voltage (V)</th>
<th>Freq. (Hz)</th>
<th>Rpm</th>
<th>Prime mover</th>
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<tbody>
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<td>Main generator</td>
<td>4 (Four)</td>
<td>1530</td>
<td>690</td>
<td>60</td>
<td>900</td>
<td>Main diesel engines</td>
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<tr>
<td>Main generator</td>
<td>2 (Two)</td>
<td>1880</td>
<td>690</td>
<td>60</td>
<td>720</td>
<td>Main diesel engines</td>
</tr>
<tr>
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<td>Emergency diesel engines</td>
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