M.V. HIGHLAND PRESTIGE - AKER 09 DESIGN PSV

**REGISTRATION**

Built: Soviknes, Norway, March 2007
Classification: DNV +1A1, SF, E0, DynPos AutR, Dk, + HL (2.8), L.F.L., Clean Comfort V3
Flag: UK

**DIMENSIONS**

LOA: 86.6 m
Breadth (Moulded): 19 m
Depth (Mould to sh.dk): 8 m
Draft (Max): c 6.6 m
GT: 3,702 T
NT: 1,561 T
Dead-weight: 4,993 T

**SPEED / CONSUMPTION**

11 knots @ 11 m³/day
12.5 knots @ 13 m³/day
15 knots @ 23 m³/day

**MACHINERY**

Diesel Electric
Generating Power: 10,700 BHP
Propulsive BHP: 5,867 BHP
Main Generators: 4 x 1900 KW
Aux Generator: 1 x 425 KW
Emergency Gen: 1 x 90 KW
Thrusters Bow: 2 x 1200 BHP (Tunnel)
Thrusters Stern: N/A – D.E. (Azi pulls)
Rudders: N/A – D.E. (Azi pulls)
Propellers: 2 x CPP Azi pull
Capstans: 2 x 10 T
Deck Crane: 1 x 10T @ 10m
Deck Crane: 1 x 1T @ 10m
Tugger Winch: 2 x 12.5T

**MANEUVRING EQUIPMENT**

2 x Rotating variable speed Azi pull propulsion units (Diesel electric) at stern.
1 x Kongsberg C Joystick
Rolls Royce Helicon x 3

**DYNAMIC POSITIONING SYSTEM**

Kongsberg K-Pos DP21
References: Fan beam laser
Kongsberg Seatex DPS 116
Kongsberg Seatex DPS 232
Radascan

**NAVIGATION AND COMMUNICATION EQUIPMENT**

1 x Furuno 10cm ARPA RADAR
1 x Furuno 3cm RADAR
1 x Furuno DGPS/HP-90 inbuilt Navigator
2 x Jotron 9GHz Radar transponder
1 x Anschutz gyro compass
1 x Anschutz digital autopilot - Pilotstar D
1 x Furuno echo sounder FE-700
1 x Furuno Doppler speed log DS80
1 x Furuno FA150 AIS system
1 x Telchalt T 2026 Electronic Chart system & AIS interface
1 x Kockum Sonics Signal Unit
1 x Jotron EPIRB
3 x TRON TR20 GMDSS VHF’s
4 x Motorola GP 340 portable UHF
1 x Furuno MF/HF SSB Radio station with DSC
1 x Furuno DSC 60
2 x Furuno VHF with built in DSC
1 x Furuno FM 2721 simplex VHF
1 x Furuno Navtex receiver NX-700B
1 x Furuno Weather Fax
1 x Furuno Ships Security Alert System
1 x GMDSS VHF Transceiver
1 x Inmarsat C Felcom 15
1 x Fleet Broadband

**CARGO CAPACITY**

Deck area: c. 1,000 sq. m (62.5 m x 16 m)
Deck Load: c. 2,700 T
Fuel oil: c. 1,552.1 m³ @ 100%
Potable Water: c. 1,397.6 m³ @ 100%
Drill Water: c. 2,720 m³ @ 100%
Oil Based Mud: c. 6,561.5 bbls @ 100%
Base Oil: c. 2,006 bbls @ 100%
Brine: c. 13,194 bbls @ 100%
Methanol: c. 165 cm @ 100%
Dry Bulk: c. 12,880 cuFt

**DISCHARGE RATES**

Fuel Oil: 250 m³/hr @ 90 m hd
Pot Water: 250 m³/hr @ 90 m hd
Oil Based Mud: 2 x 75 m³/hr @ 90 m hd
Base Oil: 107 m³/hr @ 90 m hd
Brine: 2 x 80 m³/hr @ 90 m hd
Cement: 80 T/hr @ 90 m hd
Barytes: 60 T/hr @ 90 m hd
Bentonite: 100 T/hr @ 90 m hd
Methanol: 2 x 75 m³/hr @ 90 m hd
Drill Water: 250 m³/hr @ 90 m hd

**ACCOMMODATION**

26 persons
10 x 1 Man
8 x 2 Man

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.
NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.

M.V. HIGHLAND PRESTIGE - AKER 09 DESIGN PSV
DP 2, DIESEL ELECTRIC, LARGE PLATFORM SUPPLY VESSEL

GENERAL ARRANGEMENT DRAWING
## Tank Capacities

<table>
<thead>
<tr>
<th>TANK</th>
<th>CUBIC METRES</th>
<th>BARRELS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FUEL OIL</td>
<td>FRESH WATER</td>
</tr>
<tr>
<td>FUEL (16)</td>
<td>124.5</td>
<td>144.9</td>
</tr>
<tr>
<td></td>
<td>173.2</td>
<td>165.5</td>
</tr>
<tr>
<td>FRESH WATER (10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>METHANOL (2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRILL WATER (15)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OBM (8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRINE (12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BASE OIL (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,552.1 @ 100%</td>
<td>1,347.6</td>
</tr>
</tbody>
</table>

Notice: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company’s equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein. Fuel consumption figures are historically conservative approximations.