M.V. NORTH PURPOSE
STX 09 CD PSV DP-2 LARGE PLATFORM SUPPLY VESSEL

REGISTRATION
Built: 2010
Builder: Soviknes, Norway
Classification: DNV +1A1, SF, E1, DynPos AutR, Dk+ HL (2.8), L.F.L., Clean Design, Naut OSV(A) Comfort V3
Flag: Norwegian

MAIN CHARACTERISTICS
LOA: 86.8 m
Breadth (moulded): 19 m
Depth (mould to sh.dk): 8 m
Draft (max): 5.9 m
GRT: 3,639 T
NRT: 1,187 T
Deadweight: 4,836 T
Light ship: 2,755 T

PERFORMANCE
11 knots @ Approx. 11 m³/day
12.5 knots @ Approx. 13 m³/day
16.5 knots @ Approx. 27 m³/day

MANOEUVRING EQUIPMENT
2 x Rotating variable speed Stern Azi pull propulsion units (Diesel electric)
1 x Kongsberg C-Joy Joystick
Kongsberg Simrad DP2

ENVIRONMENTAL
Selective Catalytic Reduction (SCR) system for reduced NOX / SOX emissions.
Clean Design - Double Hull with no hydrocarbon products on outer shell.

MACHINERY
Diesel Electric
Generating Power: 10,738 BHP
Propulsive BHP: 5,867 BHP
Main Generators: 4 x CAT 1901 KW
Aux Generator: 1 x CAT 450 KW
Emergency Gen: 1 x CAT 104 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 5T @ 10m
Deck Crane: 1 x 1T @ 10m
Tugger Winch: 2 x 10T

DYNAMIC POSITIONING SYSTEM (CLASS II)
Kongsberg Simrad K-Pos 21 DP System
References: 1 x Fan beam laser
2 x DGPS receiver

NAVIGATION & COMMUNICATION EQUIPMENT
1 x Furuno 10cm ARPA RADAR
1 x Furuno 3cm RADAR
2 x Furuno Satellite Navigator GP 90
1 x Furuno DGPS/GP-90 inbuilt Navigator
2 x Jotron 9GHz Radar transponder
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 Telchart Electronic Chart system & AIS interface
1 x Anschutz universal signal unit
1 x Jotron EPIRB
3 x TRON TR20 GMDSS VHFs
4 x Motorola GP 340 portable UHF
1 x Furuno MF/HF SSB Radio station
1 x Furuno DSC terminal 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 GSM/GPRS Cellular phone
2 x Inmarsat C Felcom 15
1 X Nera Worldphone Mini M
1 x KU Band Satellite Comms system

ACCOMMODATION
26 persons
10 x 1 Man cabins
8 x 2 Man cabins

CARGO CAPACITY
Deck area: 1,000 sq. m (16 m x 62.5 m)
Deck Load: 2,700 T
Fuel Oil: 1,038 m³ @ 100%
Potable Water: 1,175 m³ @ 100%
Drill Water: 4,225 m³ @ 100%
Oil Based Mud: 6,048 bbls @ 100%
Base Oil: 1,397 bbls @ 100% + 1,053 bbls @ 100% in methanol tanks
Brine: 9,160 bbls @ 100%
Methanol / Xylene: 167 cm³ @ 100%
Dry Bulk: 9,351 cuft in 6 tanks

TANK WASHING SYSTEM
Fixed tank washing system in all mud tanks
Alfa Laval Aldec Decanter
360 deg tank washing machines
Dedicated 24 m³ slop tank
Hot / Cold wash with / without chemicals

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: 100 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: 150 m³/hr @ 90 m hd

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.
## 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 (12)</td>
<td>218.6</td>
<td>142.5</td>
</tr>
<tr>
<td></td>
<td>120.8</td>
<td>43.3</td>
</tr>
<tr>
<td>FRESH WATER (12)</td>
<td>2 x 40.7</td>
<td>2 x 62.5</td>
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<tr>
<td>DRILL WATER (17+10)</td>
<td>2 x 113.8</td>
<td>2 x 122.5</td>
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<tr>
<td>METHANOL (2)</td>
<td>2 x 83.5</td>
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</tr>
<tr>
<td>OBM (6 + 2)</td>
<td>6 x 817.5</td>
<td></td>
</tr>
<tr>
<td>2 x 563</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRINE (2 + 3 + 6)</td>
<td>2 x 563</td>
<td>1 x 642</td>
</tr>
<tr>
<td>BASE OIL (2 + 2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,038</td>
<td>1,175</td>
</tr>
</tbody>
</table>

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