**M.V. ENEA**
**STX 09 CD PSV DP-2 LARGE PLATFORM SUPPLY VESSEL**

**REGISTRATION**
- **Built:** 2010
- **Builder:** STX / Soviknes Norway
- **Classification:** DNV + 1A1 - SF - E0 - DynPos AutR, DK+ HL (2.8), L.F.L.” – Clean Design, Naut OSV (A) Comfort V3 COAT PSPC (B)
- **Flag:** UK

**MAIN CHARACTERISTICS**
- **LOA:** 86.8 m
- **Breadth (moulded):** 19.0 m
- **Depth (mould to sh.dk):** 8.0 m
- **Draught (max):** 5.9 m
- **NT:** 1,190 T
- **Deadweight:** 4,836 T
- **Lightship:** 2,726 T

**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:** 8,880 BHP
  - **Propulsive BHP:** 5,900 BHP
- **Main Generators:** 4 x Wärtsilä 1,665 KW
- **Aux Generator:** 1 x CAT 425 KW
- **Emergency Gen:** 1 x CAT Perkins 97 KW
- **Thrusters Bow:** 2 x 1,200 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 10T

**DYNAMIC POSITIONING SYSTEM (CLASS II)**
- 2 x KPOS Operator Stations
- 1 x Independent C-Joy Operator Terminal
- 2 x DPS 111CM DGPS
- 1 x MK4.1 Fan Beam Laser with auto tilt
- 2 x MRU-D Motion Sensors
- 2 x Gill Ultrasonic Wind Sensors
- Valve fitted & area prepared for HPR

**MANOEUVRING EQUIPMENT**
- 2 x Rotating variable speed Stern Azi pull propulsion units (Diesel electric)
  - **Kongsberg Simrad K-Pos 21 DP2**
  - **Kongsberg C-Joy Joystick**

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

**DECK EQUIPMENT**
- 1 x Norsafe Midget Rescue boat (50Hp) 6 Man capacity

**NAVIGATION & COMMUNICATION EQUIPMENT**
- 1 x Furuno 10 cm ARPA RADAR
- 1 x Furuno 3 cm RADAR
- 1 x Furuno Satellite Navigator GP 90
- 1 x Furuno D-GPS/GP 90
- 1 x Jotron EPIRB TRON 40S
- 2 x Jotron 9GHz Radar TRON SART
- 3 x Tron TR20 VHF GMDSS
- 4 x Motorola GP340 portable UHF
- 1 x GSM/GPRS cellular phone
- 3 x Simrad GC80 Gyros
- 1 x Simrad AP50 autopilot
- 1 x Telchart T2026 ECDIS AIS Interface
- 1 x Caprock Sat Communication System
- 1 x Furuno Echo Sounder
- 1 x Furuno Doppler Speed Log
- 1 x Furuno FA150 AIS System
- 1 x Furuno MF/HF SSB Radio
- 1 x Furuno DSC Terminal
- 1 x Sailor Fleet Broadband
- 1 x Furuno Navtex Receiver
- 2 x Furuno FM-8800D VHF with DSC
- 2 x Furuno Fixed GM360 UHF Radios
- 1 x Furuno FM 2721 Simplex VHF
- 1 x Furuno Felcom 15 SSAS
- 1 x Furuno LRIT Software

**ACCOMMODATION**
- 10 x 1 man cabins
- 8 x 2 man cabins

**CARGO CAPACITY**
- **Deck Area:** 1000 SqM (16 x 62.5)
- **Deck Load:** 2,700 T
- **Fuel Oil:** 1,038 M³ @ 100%
- **Drill Water:** 3,476 M³ @ 100%
- **Fresh Water:** 1,175 M³ @ 100%
- **Oil Based Mud:** 6,029 Bbls @ 100%
- **Base Oil:** 3,476 M³ @ 100%
- **Drill Water:** 3,476 M³ @ 100%
- **Fuel Oil:** 1,038 M³ @ 100%
- **Deck Load:** 2,700 T

**MUD / BRINE TANKS**
- 6 Elpical & 2 cylindrical tanks with hydraulic mud mixer

**TANK WASHING SYSTEM**
- Fixed tank washing system – 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:** 250 M/hr at 9 Bar with a 90 mhd
- **Pot Water:** 250 M/hr at 9 Bar with a 90 mhd
- **Drill Water:** 150 M/hr at 9 Bar with a 90 mhd
- **Oil Based Mud:** 150 M/hr at 9 Bar with a 90 mhd
- **Base Oil:** 100 M/hr at 9 Bar with a 90 mhd
- **Brine:** 150 M/hr at 9 Bar with a 90 mhd
- **Mud/Brine Slops:** 35 M/hr at 10 Bar with a 90 mhd
- **Cement:** 80 T/hr at 5.5 Bar with a 90 mhd
- **Barytes:** 60 T/hr at 5.5 Bar with a 90 mhd
- **Bentonite:** 100 T/hr at 5.5 Bar with a 90 mhd
- **Methanol:** 2 x 75 M/hr at 9 Bar with a 90 mhd

**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>
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<tbody>
<tr>
<td>FUEL (12)</td>
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<tr>
<td>FRESH WATER</td>
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<tr>
<td>DRILL WATER</td>
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<tr>
<td>METHANOL</td>
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<tr>
<td>OIL BASED MUD</td>
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<tr>
<td>BRINE</td>
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<tr>
<td>LIGHT BRINE SG&lt;1.5</td>
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<td>BASE OIL</td>
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<tr>
<td>FUEL (12)</td>
<td>203.7, 142.5, 100.1, 181.2, 62.7, 43.3, 120.8, 126.1, 18.8 / 13.2, 8.5 + 2</td>
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<tr>
<td>FRESH WATER (12)</td>
<td>2 x 40.7, 2 x 62.5, 2 x 70.4, 2 x 53.1, 113.8, 122.5, 287.9, 197.3</td>
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<tr>
<td>DRILL WATER (17+10)</td>
<td>2 x 113.8, 2 x 122.5, 2 x 287.9, 2 x 197.3, 101.3, 105.1, 116.1, 143.3, 51.2, 2 x 205.7, 201, 196.8, 6 x 130, 102.1 /103.8, 291.8</td>
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<tr>
<td>METHANOL (2)</td>
<td>2 x 83.5</td>
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<tr>
<td>OBM (6 + 2 DIP WITH BRINE)</td>
<td>6 x 816.5, 2 x 563</td>
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<tr>
<td>BRINE (2 + 6 DIP WITH MUD)</td>
<td>2 x 563, 6 x 816.5</td>
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<tr>
<td>LIGHT BRINE SG &lt; 1.5</td>
<td>642.2, 654.1, 1835.4</td>
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<tr>
<td>BASE OIL (2 + 2 DIP METHANOL)</td>
<td>760, 793, 2 x 526</td>
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<tr>
<td>TOTAL</td>
<td>1,024, 1,175, 4,226, 167, 6,029, 6,029, 3,132, 1,553 + 1,052</td>
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Dark Blue denotes primary function, Light Blue denotes secondary / tertiary function

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