**REGISTRATION**

Year Built 2014
Builder Rosetti Marino SpA, Italy
Flag UK
Classification ABS +1A1, Offshore Support Vessel, (E), + DPS-2, + AMS, + ACCU Oil Recovery Capability
Class 1, FFV1, UWILD, GP

**MAIN CHARACTERISTICS**

Length Overall 246 ft (74.95 m)
Breadth (moulded) 52 ft (16.00 m)
Draught (max) 19 ft (5.85 m)
GT 2,215
NT 757
Deadweight 3,116 T

**CAPACITIES**

Cargo Deck Area 7,696 ft² (174 ft x 44 ft)
Deck Load 1,650 T
Fuel Oil Cargo 243,830 gal (923 m³)
Potable Water 226,131 gal (856 m³)
Drill Water 321,497 gal (1,217 m³)
Oil Based Mud* 6,247 bbls
Base Oil 279 bbls
Brine 4,986 bbls
Oil Recovery 800 m³ (8 tanks)
Dry Bulk 11,318 ft³ @ 100% (80psi)

* Mud/Brine tanks (S.G. 2.5) 10 dual purpose mud / brine tanks. Can be split 6/4; mud / brine with total segregation.

**CARGO DISCHARGE**

Fuel Oil 200 m³/hr @ 90 m hd
Pot Water 200 m³/hr @ 90 m hd
Oil Based Mud 2 x 100 m³/hr @ 180 m hd
Base Oil 90 m³/hr @ 90 m hd
Brine 100 m³/hr @ 180 m hd
Cement 80 T/hr @ 90 m hd
Barytes 60 T/hr @ 90 m hd
Bentonite 100 T/hr @ 90 m hd
Drill Water 150 m³/hr @ 90 m hd

**PERFORMANCE**

c. 14.5kn @ c. 25.0k / 24hrs
13.0kn @ c. 15.9k / 24hrs
11.0kn @ c. 12.3k / 24hrs
9.0kn @ c. 9.8k / 24hrs

**ACCOMMODATION**

20 persons
12 x 1 Man cabins
4 x 2 Man cabins

**MANOEVURING EQUIPMENT**

1 x Posacon Joystick (portable)

**DYNAMIC POSITIONING SYSTEM (CLASS II)**

Kongsberg – Simrad K-POS DP-21 Green DPS (DP II)
References 1 x DGPS DPS-200 with IALA receiver
1 x DGPS DPS-100

**MACHINERY**

Main Engines 2 x 3,741 BHP
Thrusters Bow 2 x 885 BHP
Thrusters Stern 2 x 800 BHP
Shaft Alternators 2 x 1800 kW
Aux Generators 2 x 296 kW
Rudders 2 Rolls Royce High Lift
Propellers 2 x CPP
Deck Crane 1 x 6T @ 16m
Tugger Winch 2 x 10T
Capstans 2 x 6T

**TANK WASHING SYSTEM**

Toftejorg fixed tank cleaning system in mud/brine tanks. Hot water and chemical dosing applications.

**AGITATORS**

Electric agitators in all mud / brine tanks.

**NAVIGATION EQUIPMENT**

1 x Furuno 10cm ARPA Radar
1 x Furuno 3cm Radar
1 x Furuno GPS Satellite Navigator
3 x Raytheon Gyro Compass
1 x Raytheon Autopilot
1 x Furuno AIS FA 150
1 x Furuno Echosounder
1 x Furuno Naviknot Speed Log
1 x Furuno Weather Fax

**COMMUNICATION EQUIPMENT**

2 x Inmarsat C
1 x Internal Intercom System
Radio plant according to GMDSS A3 requirements
4 x Motorola GP 340 – Handheld UHF
2 x Furuno VHF RT 5022
1 x Furuno VHF External communication according to GMDSS 3 x sailor SP 3520
1 x Sailor 406 MHz EPIRB McMurdo
1 x KU Band Satellite Communications System
1 x Fleetbroadband 250

**FIRE FIGHTING**

FiFi 1 with Self Drenching System
2 x 1800 m³/hr pumps
2 x 1200 m³/hr monitors
(No foam, water only)

**ADDITIONAL FEATURES**

Deck Power Outlets 2 x 500Amp Outlets (440v)
Reefer sockets 12 x 110v / 32Amp
FRC NDM Model NPT60RB – 6 man 140 bhp inboard water jet
Dispersant Spraying 2 x 10 m stainless steel booms
Dispersant Storage 9 m³
Oil Recovery 800 m³
Power pack For oil rec. equipment

**M. V. HIGHLAND PRINCESS**

UT755XL – 7,482 BHP, DP2 PLATFORM SUPPLY VESSEL (PSV)
## TANK CAPACITIES

<table>
<thead>
<tr>
<th>TANK</th>
<th>CUBIC METRES</th>
<th>BARRELS</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>FUEL OIL</td>
<td>FRESH WATER</td>
</tr>
<tr>
<td>CARGO FUEL</td>
<td>36.3</td>
<td>40.2</td>
</tr>
<tr>
<td></td>
<td>54.9 (x2) **</td>
<td>49.1</td>
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<tr>
<td></td>
<td>75.4</td>
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<tr>
<td>FRESH WATER (10)</td>
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<td>118.8</td>
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<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>DRILL WATER (11)</td>
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<td>97.2</td>
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<td></td>
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</tr>
<tr>
<td>DUAL PURPOSE MUD / BRINE (10)*</td>
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<td>624.7 (x10)</td>
</tr>
<tr>
<td>MUD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>924.9 **</td>
<td>856.7</td>
</tr>
</tbody>
</table>

*The 8 Dual Purpose Mud / Brine Tanks can be: All 8 Mud or All 8 Brine or split 4 Mud / 4 Brine (with complete segregation)

**The 4 Dual Purpose Fuel / Base Oil Tanks can be: All Fuel or All Base Oil or split (with complete segregation)