



## BN 322 - REM ODIN



Rolls-Royce Marine AS

Kleven Verft AS

REM Offshore AS

### GENERAL

|                |   |
|----------------|---|
| Owner          | REM Offshore AS   |
| Type           | UT 712 L  |
| Design         | Rolls-Royce Marine AS   |
| Class          | DNV 1A1, E0, TUG, Supply Vessel, SF, Oil Rec, Dynpos AUTR, Comf-V(3), Ice C |
| Authorities    | NOR   |
| Yard           | Myklebust Verft   |
| Hull Yard      | Crist   |
| Keel Laying    | 19.10.2007  |
| Delivery       | 11.11.2008  |
| DNV Id No.     | 27562   |
| IMO No.        | 9396593   |
| Signal Letters | <b>LAXA</b>   |

### MACHINERY

|                       |                             |              |
|-----------------------|-----------------------------|--------------|
| Main Engines          | Bergen - B32:40V12P         | 2 x 6000 kW  |
| Shaft Generators      | Leroy Somer                 | 2 x 3000 kVA |
| Aux Engine            | Cummins - KTA50 DM2         | 1335 ekW     |
| Emergency Generator   | Cummins - KTA19 - DM1       | 390 ekW      |
| Main Propulsion       | Rolls-Royce                 | 2 x 3000 kW  |
| Retractable Thrusters | Rolls-Royce - TCNS 073 CP   | 883 kW       |
| Tunnel Thruster (Fwd) | Rolls-Royce - TT2200 DPN CP | 883 kW       |
| Tunnel Thruster (Aft) | Rolls-Royce - TT2000 DPN CP | 883 kW       |
| Rudders               | Rolls-Royce - FB-S 2330     |              |
| Steering Gears        | Rolls-Royce - SR722 FCP     |              |

### EQUIPMENT

|                       |                                 |                |
|-----------------------|---------------------------------|----------------|
| Cargo Rail Cranes     | Rolls-Royce                     | 2 x 3 T @ 13 m |
| Anchor Handling Winch | Rolls-Royce - BSL400WX / SL400W | 400 T          |
| Stern Roller          | Rolls-Royce                     | Ø3500 x L6000  |

### MAIN DIMENSION

|                               |         |
|-------------------------------|---------|
| Length over all               | 78,40 m |
| Length between perpendiculars | 68,20 m |
| Breadth Moulded               | 17,20 m |
| Depth Main Deck               | 8,30 m  |

### PERFORMANCE & CAPACITIES

|                   |                     |
|-------------------|---------------------|
| Speed             | 17,4 kn             |
| Bollard Pull      | 188 T               |
| Gross Tonnage     | 3107 T              |
| Net Tonnage       | 1051 T              |
| Deadweight at SWL | 3092 T              |
| Fuel Oil          | 1068 m <sup>3</sup> |
| Water Ballast     | 1228 m <sup>3</sup> |
| Fresh Water       | 1135 m <sup>3</sup> |
| Brine             | 407 m <sup>3</sup>  |
| Liquid MUD        | 549 m <sup>3</sup>  |
| Dry Bulk          | 235 m <sup>3</sup>  |
| Base Oil / Glycol | 532 m <sup>3</sup>  |
| Rig Chain Lockers | 400 m <sup>3</sup>  |
| ORO               | 1038 m <sup>3</sup> |
| Cargo Deck        | 510 m <sup>2</sup>  |
| Accommodation     | 28 persons          |

### EQUIPMENT

|                            |                    |
|----------------------------|--------------------|
| AH Equipment               | Rolls-Royce        |
| DP System                  | Rolls-Royce        |
| IAS                        | Rolls-Royce        |
| Cargo Equipment            | Ing. Per Gjerdrum  |
| HVAC                       | Aeron Miljøteknikk |
| Separators                 | Alfa Laval         |
| Boiler                     | Pyro               |
| Navigation & Communication | Emil Langva        |
| Fire Fighting System       | Danfoss Semco      |