



## ***OSV "RUBIN"***

Call sign      UBHW5  
 IMO Nr.        9034767  
 MMSI Nr.      273290360

Classification                      RINA C ⚡ Offshore support vessel- heavycargo (wetherdeck);  
 unrestricted navigation  
 ⚡ AUT-UMS; DYNAPOS-DP2

Built 1992 at Ulsteinvik, Norway

Vessel design                      UT 745  
 Flag                                  Russia  
 Official No.                        n/a  
 Port of Registry                  Bolshoy port St.-Petersburg  
 Owner                                LLC "ALLIANCE"  
 Tank capacity Fuel                963 m<sup>3</sup>  
 Ballast                                1365 m<sup>3</sup>

### **Tonnage**

Gross Tonnage                    2961 tons  
 Net Tonnage                        1234 tons  
 Deadweight at max draft        4571 tons  
 Light Ship                         2115 tons

### **Dimensions**

Length OA                         82.50 meter  
 Length PP                         76.20 meter  
 Breadth, Moulded                18.80 meter  
 Depth Moulded                  7.60 meter  
 Draft Max (summer)            6.23 meter  
 Min. Operational Draft         4.30 meter

Freeboard at max Draft 1.37 meter

### **Propulsion / Positioning**

Main Engines 2 x Bergen Diesel, total output 5300 kW  
Main Propellers 2 x Ulstein 850/4  
Shaft Generators 2 x Siemens (capacity 2 x 1750 kW)  
Auxiliary Generators 2 x Cummins (capacity 2 x 300 kW)  
Bow Thruster 1 x 1200 BHP (883kW), CP Tunnel  
1 x 1200 BHP (883kW), CP Retract Azimuth  
Stern Thrusters 2 x 800 BHP (590kW), CP Tunnel  
Shaft Generators 2 x 1800 kW, Siemens IFJ5  
Generators 2 x 300 kW, Siemens IFJ6  
Emerg. Generator 1 x 68 kW, Siemens IFC6

### **Consumption**

Max. speed /consumption abt. 15.6 kts at 25 ts/24hrs  
Eco. speed /consumption abt. 12.0 kts at 9 ts/24hrs  
Consumption in port abt. 1.2 ts/24hrs  
DP (position keeping) abt. 5.5 ts/24hrs

### **Cargo Capacities**

Deck space 907 m<sup>2</sup>  
Cargo deck capacity 2900 metric tons (max)  
Deck length 58.50 m  
Deck breadth 15.50 m  
Cargo rail high 3.90 m  
Deck strength Aft: 10 tons/m<sup>2</sup>, Fore: 5 tonss/m<sup>2</sup>  
Stern roller 9.00 m  
Gas Oil 963 m<sup>3</sup>  
Fresh Water 757 m<sup>3</sup>  
Ballast Water 1365 m<sup>3</sup> (management plan approved by class)  
Liquid Mud 662 m<sup>3</sup>  
Dry Bulk 400 m<sup>3</sup>  
Methanol 171 m<sup>3</sup>  
Brine SG 2.5 216 m<sup>3</sup>  
Base oil 303 m<sup>3</sup>  
Methanol 171 m<sup>3</sup>

### **Cargo Discharge Capacities**

Fuel Oil 1 x 250 m<sup>3</sup>/hour at 9 bar with Flowmeter (range 460-6400 l/min)  
Ballast / Drill Water 1 x 250 m<sup>3</sup>/hour at 9 bar  
Fresh Water 1 x 250 m<sup>3</sup>/hour at 9 bar

### **Deck Equipment**

Starboard Crane 1 x EHSC, SWL 1400kg @ 17m  
Tugger 2 x Ulstein 9,5 ton  
Capstan 2 x Ulstein 10 ton

### **Mooring Equipment**

Windlass 2 x Ulstein S6-48K3 25 t

Hull anchor	2850 kg, total lengths 9 shackles (stb) , 9 shackles (ps)
Mooring drum capacity/pull	35 t

### **Accommodations**

Crew and charterer	30 people in 10 single and 10 double cabins all with bathroom 38 beds in total (including the 2 cabins with each 6 person)
Hospital	1 bed
Galley Freezer capacity:	10 m3
Cooler capacity:	4 m3
Laundry	1
Deck Office	1
Recreation area	1
Lounge – messroom	1

### **Rescue Equipment**

MOB boat	1 x MOB boat – Norsafe, 40 HP 6 persons
MOB Davit	Vest Davit PL-1500 554
Life rafts	6 x 16 DK Viking
Lifejackets	33 x Merman 16 A, 4 x Merman(for Children)
Survival suits	31 x Viking PS2014 , 2 x Viking (Oversize)