

VARD 2 12 ARCTIC

Anchor Handling Tug Supply Vessel

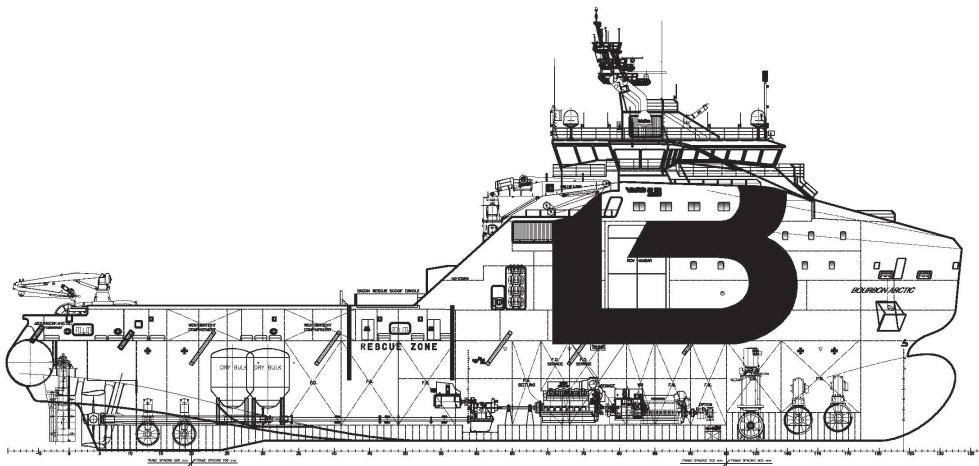
BOURBON ARCTIC



VARD 2 12 Arctic

BUILT BY: Vard Brattvaag
OWNER: Bourbon Offshore
YARD NO: 802
DELIVERED: February 2016
DESIGN: VARD 2 12 Arctic

- The vessel is specially designed and equipped for advanced anchor handling operations worldwide, and has the following special features:
- A powerful design relative to its size. Maximum pull: 307t in boost mode, 193t in diesel electric mode with the use of azimuth thruster, and 175t in diesel electric mode without the use of azimuth thruster.
 - Class leading winch capacities for anchor handling operations.
 - Strengthened hull and enhanced winterization measures for operations in arctic areas.
 - Mobilization capacities for complete rig move operations.
 - Environmentally friendly CLEAN DESIGN class notation with focus on low emissions.
 - Improved low resistance hull shape designed for high speed, good sea and station-keeping capabilities, excellent manoeuvrability and good stability.
 - Versatility in operation provided by several class notations and high tank capacities.
 - ROV hangar with launch- and recovery system for ROV.
 - Large, high standard and comfortable accommodation with low noise levels.



Specifications

MAIN PARTICULARS	
Length overall	93.6 m
Length between p.p.	84.9 m
Breadth moulded	24.0 m
Depth main deck	9.8 m
Max. load line draught	7.8 m

CLASS	
+1A1, AHTS, SF, E0, DYNPOS-AUTR, COMF-V(3) C(3), CLEAN DESIGN, NAUT OSV (A), DK(+), HL(2.8), TMON, ICE-1B, ICE-1A (HULL), WINTERIZED BASIC, SPS, OILREC, FIRE FIGHTER II NMD Rescue/Standby for 300	

ACCOMMODATION	
Accommodation and equipment for 60 persons (24 single cabins and 18 double cabins)	

CARGO CAPACITIES	
Cargo deck area	780 m ²
Fresh water (incl. comb tanks)	1 158 m ³
Fuel oil	1 410 m ³
Fuel oil (incl. comb tanks)	2 028 m ³
Rig chain	1 100 m ³
Cement (dry bulk)	250 m ³
Mud/ brine	680 m ³
ORO (com. tanks)	1 635 m ³
Ballast water/ drill water	3 800 m ³
UREA	80 m ³

MAIN ENGINES AND GENERATOR SETS	
2 off B32:40V12P, 6000kW, 750 rpm 3 off C25:33 L8A, 2880kW, 900 rpm 2 off generators AVK DSG 144, 5555kW 3 off generators AVK DSG 114 M1-8W 3044kW	

HARBOUR GENERATOR SET	
1 off DI16/HCM534F2, 553kW, 1800 rpm	

EMERGENCY GENERATOR SET	
1 off DI13 75M/HCM 534C2, 374kW, 1800 rpm	

THRUSTERS	
2 off FU-93-LTC-2500 bow, 1200kW 1 off AR-80-LNC-2100 retractable, 1200kW 2 off FU-74-LTC-2000 aft, 1200kW	

MAIN PROPULSION	
2 off EACG125/1130/SA600 CPP, 9400kW, 4600mm	

DECK EQUIPMENT	
Waterfall type SL500/2BSL500 1 off special handling winch, 500t SWL 1 off towing/working drum sb, 460t SWL 1 off towing/working drum ps, 460t SWL	

2 off double secondary winches MX132210U, 210t SWL 2 off secondary winches ALM63140U, 140t SWL	
1 off shark jaw/towpin unit type 2xSJ/2xTP, 400t SWL 1 off center shark jaw, 600t SWL 1 off centering device CD XL, 1300mm/900 width from center 2 off stop pins PU, 200t SWL 1 off double stern roller, 750t SWL	

2 off combined windlass/mooring winch BFM22056 2 off chain stoppers roller type for 56mm K3 chain	
2 off LAKMX132020 center, 24t max pull 2 off LAKMX41017 aft, 17t max pull 1 off auxiliary tugger winch, 17t max pull	

2 off cargo rail cranes AH 55, 15.4m working radius, 5t SWL	
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AUTOMATION	
SeaQ Integrated Automation System, incl. tank sounding syst. SeaQ Power Management System SeaQ Consoles: bridge and engine control room consoles SeaQ DP mode selector switch	

SWITCHBOARDS	
1 off SeaQ main switchboard 690V/60Hz 1 off SeaQ main switchboard 440/230V/60Hz 2 off SeaQ de-ice switchboards 230V/60Hz 2 off SeaQ cargo switchboards 230V/60Hz 1 off SeaQ emergency switchboard 690V/230V/60Hz	

DYNPOS, NAVIGATION AND COMMUNICATION	
1 off KPOS DP-21 SeaQ NavCom SeaQ Bridge Alert Management System SeaQ Communications	

ROV LAUNCHING AND RECOVERY SYSTEM	
1 off A-frame 1 off umbilical wire winch (3000m)	

LIFESAVING EQUIPMENT	
MOB boat AS700 MKII with davit 8 off life rafts each 25p.	

HULL	
Steel hull built by Vard Tulcea, Romania	