

8,000 BHP – DP2, AHTS SEACOR RIGOROUS



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MAIN PARTICULARS

LENGTH OVERALL	244.5 ft	74.5 m
LENGTH BP	230 ft	70 m
BEAM	56 ft	17 m
DEPTH	21 ft	6.4 m
LIGHT DRAFT	6.5 ft	2 m
LOADED DRAFT	18 ft	5.5 m
SUMMER FREEBOARD	3.5 ft	1 m
LIGHTSHIP	1,992 LT	2,024 MT
DEADWEIGHT	2,872 LT	2,918 MT
TONNAGE (ITC)	GT	2,137 tons
	NT	714 tons
BOLLARD PULL	118.1 LT	120 MT

CAPACITIES

POTABLE WATER	23,323 USG	88 m ³
FUEL	208,636 USG	790 m ³
BALLAST / DRILL WATER	322,305 USG	1220 m ³
LIQUID MUD, (10) ROUND TANKS	6063 BBLS	964 m ³
DRY BULK	8075 ft ³	229 m ³
ANTI-ROLL TANKS	55,216 USG	209 m ³
SEWAGE / GREY WATER	6,922 USG	26 m ³

CARGO DECK

TONNAGE	1,456 LT	1,480 MT
STRENGTH	512 lbs/ft ²	2.5 t/m ²
LENGTH	145 ft	44.1 m
WIDTH	46.7 ft	14.2 m
CLEAR AREA	6,371 ft ²	592 m ²

MACHINERY

MAIN ENGINES	2 x Caterpillar 3608, Total: 7,268 HP (5,420 kW)	
AUXILIARY GENERATORS	2 x Caterpillar 3412 (500kW each)	
EMERGENCY GENERATOR SET	Caterpillar 3306, 170kW	
AZIMUTH DRIVES	2 x Rolls Royce, TCN 105	
PROPELLERS	4 Blades, FPP in nozzles	
BOW TUNNEL THRUSTER	Brunvoll FU63, 789HP (588kW)	
BOW COMBI THRUSTER	Ulstein TCNS 73/50 1150HP (858 kW)	

ANCHOR HANDLING & TOWING

WINCH	Rolls Royce Brattvaag Hydraulic	
TYPE / LINE PULL MAX	Two Drum Waterfall / 295 LT (300 MT)	
WIRE CAPACITY EACH DRUM	3 in x 6,562 ft	76 mm x 2000 m
BRAKE CAPACITY	393 LT	400 MT
STORAGE REELS, 2 X	19.7 LT rated pull	20 MT rated pull
STORAGE REELS, WIRE ROPE	3 in x 6,562 ft	76 mm x 2,000 m
WINCH ENGINE	Caterpillar 3508, 1,150 BHP	
CHAIN LOCKERS, 2 X	2 x 3,870 ft ³	2 x 109.5 m ³
MAX RIG CHAIN	2 x 3,287 ft (1,002 m) of 3.75 in (95mm) chain	
CHAIN STOPPER(S)	Triplex H-35, 350Ton SWL	
NORMAN PINS	2 x	
SHARK JAW	Triplex H-350, 350 MT SWL	
TOWING PINS	Triplex S-200, 200 MT SWL	
STERN ROLLER	16 ft x 8 ft, 350 MT SWL	
TUGGER WINCHES	Ulstein 13.6 MT line pull w/ 385 m of 35 mm wire rope	

PERFORMANCE

MAXIMUM SPEED	14 knots	
CRUISING SPEED	12 knots	
MAXIMUM FUEL CONSUMPTION	334 USG/hr	30 m ³ /24hr
CRUISING FUEL CONSUMPTION	200 USG/hr	18 m ³ /24hr

DISCHARGE RATES

DRILL WATER	760 USG/min @ 290ft	273 m ³ /hr @ 88m
FUEL	760 USG/min @ 290ft	273 m ³ /hr @ 88 m
BALLAST/ DRILL WATER	760 USG/min @ 290ft	273 m ³ /hr @ 88 m
LIQUID MUD	2800 USG/min @ 170ft	636 m ³ /hr @ 52m
DRY BULK	740ft ³ /min @ 80PSI	21 m ³ /min @ 5.5bar
BRINE	2800 USG/min @ 170ft	636 m ³ /hr @ 52m

ACCOMMODATION

CABINS	12	
BERTHS	29	
MASTER	1 person w / head	
OFFICERS/VIP	8 x 2 person	
CREW	3 x 4 person	
HEADS	7	
LOUNGE SEATING	6	
MESS SEATING	12	
WALK-IN FREEZER CAPACITY	661 ft ³	18.7 m ³
WALK-IN COOLER CAPACITY	715 ft ³	20.2 m ³

ELECTRONICS & CONTROLS

DYNAMIC POSITIONING	Kongsberg K-Pos, Class II System
DGPS	2 x C-NAV 3050 & 2 x C-Navigator Control Display Units Fanbeam 4.2
LASER RADAR	3 x Gill Wind Observer II
ANEMOMETER	Kongsberg, C-Joy
JOYSTICK	3 x Sperry Navigat MKI
GYRO	1 x Seatex MRU-D & 1 x Seatex MRU-5
MOTION REFERENCE SYSTEM	Kongsberg
AUTOPILOT	Furuno
GPS	Furuno FAR 2137 & JRC-JMA 7000
RADAR(S)	Furuno
DEPTH SOUNDER	Coastal Explorer
ELECTRONIC CHART SYSTEM	Optional
HYDROACOUSTIC REFERENCE	

COMMUNICATIONS

GMDSS	JRC Area A3
SSB	ICOM & JRC
VHF	2 x JRC, 1 x Standard
INMARSAT-C	Furuno FELCOM 15
SATELLITE PHONE	Iridium
PHONE(S)	1 x GSM, Broadpoint
NAVTEX	JRC
EMAIL	Globe Wireless
WEATHER RADIO	XM Satelite Radio
SATELLITE TV	Seatel

SAFETY

LIFE RAFTS	4 x 25 person
MOB FAST RESCUE BOAT	Norsafe 5.1, 6 person, SOLAS

SPECIAL EQUIPMENT

LIQUID MUD CIRCULATION	Flygt Agitators, 10 x
DECK CRANE	Alaska Marine MCF 5-30 5 LT (5.1 MT) @ 30 ft (9.1 m) Ulstein Brattvaag, 12.5 MT at 10.5 m/min
ANCHOR WINDLASS	2 x 5,020 lb stockless; 2 x 720 ft x 2 3/8 in chain
ANCHOR & CHAIN	Ships Fuel, 750 GPM w/ register & printer
DISCHARGE METER	Rig Fuel, 1200 GPM w/ register & printer

DOCUMENTATION

CLASS	ABS +A1, +AMS, DPS-2
FLAG/PORT OF REGISTRY	USA / New Orleans, LA
SOLAS	Full
USCG	Sub chapter L, OSV
OFFICIAL NUMBER	1096765
IMO	9236937
CALL SIGN	WCZ9586
YEAR BUILT	31 Aug, 2000
BUILDER	North American Shipbuilding, Hull 206

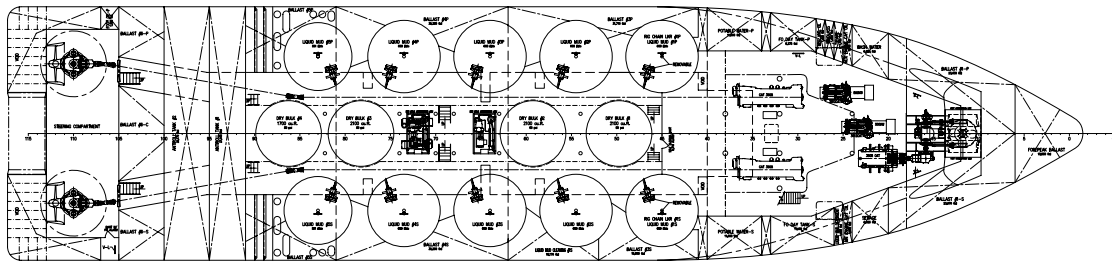
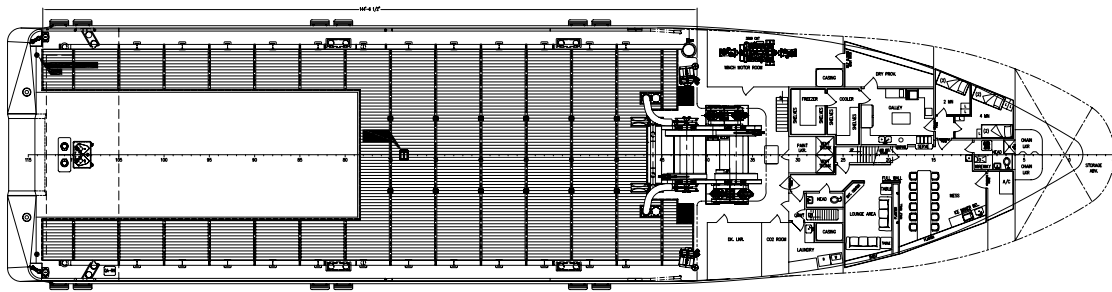
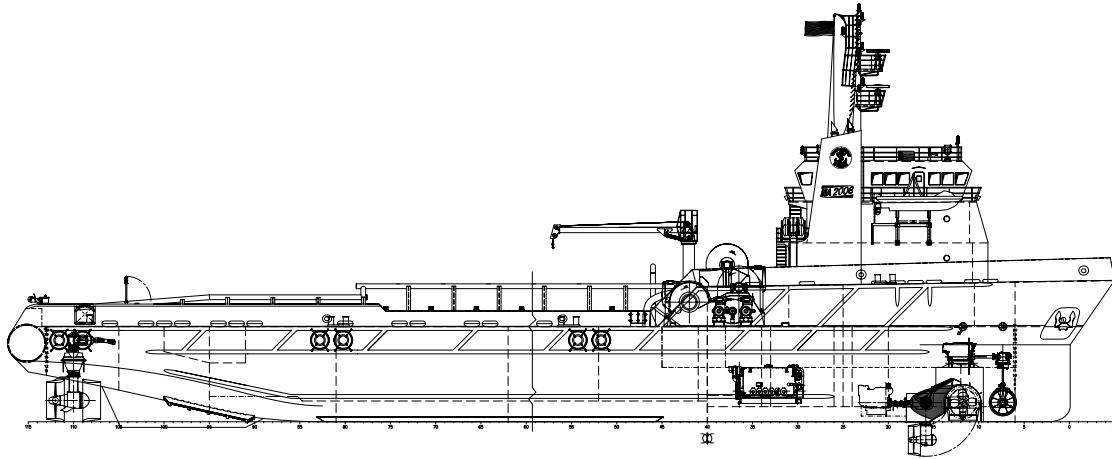
This specification is preliminary and subject to change without notice. Exact tank capacities, deadweight, deck cargo capacity and other figures that have been calculated and may change when the actual vessel is delivered.

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DP Capability Plot

Wind angle is stepped from 0-360 degrees.

