



# Brandon Bordelon Spec Sheet

## General Information

IMO No.	9670640
Owner/Manager	Bordelon Marine, LLC
Vessel Type	Ultra Light Intervention Vessel
Year Built	2015
Place built/Builder	Bordelon Marine Shipbuilders
Flag State Authority	USA (Jones Act Compliant)
DP Classification	DP2
Classification	ABS / A1, AMS, +DP-2, ACCU, USCG L&I, CRC, HELIDECK
Official Number	1264936

## Accommodations

Total Berths	60
Stateroom	20
Heads/Shower	24
Laundry [2] Facility	8 stacks in each facility
Hospital	(1) 3 person capacity
Office	Offshore Manager   Conference Room ROV Online Room   Project Office   Client   Survey Area   Shift Supervisor Deck   Dedicated PDU and Instrument Room
Other	Lounges   Offices   Gym

## Dimensions

Length	257 ft.	(78.33m)
Breadth	52 ft.	(15.8m)
Depth Molded	18 ft.	(5.5m)
Light Draft	12.5 ft.	(3.8m)
Loaded Draft	15 ft.	(4.6m)
Deadweight	3,285 LT	

## Main Work Deck

Main Deck Area	5,604 sq. ft.	(520.62m <sup>2</sup> )
Main Deck Dimensions	140 ft. x 45 ft.	(42.67m x 13.71m)
Strength	1080 lbs per sq. ft. = 5273 KG/M2	

Lars Deck Area	2912 sq. ft.
Lars Deck Dimensions	56 ft. x 52 ft.
Strength	1080 lbs per sq. ft. = 5273 KG/M2 480v
Electrical Power to Deck	(3) Phase, three locations
Air Power to Deck	95 psi

## Capacities

Drill Water	178 kts	(674m <sup>3</sup> )
Potable Water	69,126 gal	(262m <sup>3</sup> )
Diesel Fuel	122k gal	(462m <sup>3</sup> )
Lube Oil	6190 gals   [2] tanks	3095 gals each
Hydraulic Oil	3394 gals   [2] tanks	1697 gals each
Watermaker	FCI Neptune series, RO type,	3,100 gals per day   (2) tanks
Output	(2) units, Capacity	3,400 USG/Hr.

## Crane

Crane Description	SMST 2600 Series (60)T AHC Crane Model 23 tons @ 3000m fall * 60T in Double Block Configuration * 50T in Single Fall Configuration
Static Payload Capacity	60 ton
Wire Length	3070m
Wire Diameter	48mm
Maximum Boom Height	26M
Ship/ROV Crane	12.2 ton Telescoping ROV Support Crane 4.8 tons at 35 ft.
Certifications	ABS/DNV lifting notation 2015 Manride/handling certification 2015

**\*\*Power source to crane is fully redundant.**

## Machinery

Main Propulsion	(2) Cummins QSK 60 Tier 3 (1641kW)
Main Generator	(4) Cummins QSK 38 Tier 2 (1044kW) (2) Cummins QSK 19 Tier 2 (563kW)
Emergency Generators	(1) Cummins 6TA8 (201kW)

Azimuthing Thrusters	(2) Schottel 1215, 4400HP Total
Bow Thrusters	(2) STT2 FP 975 HP (708kW each) Continous Rating
Dive Support Capability	YES

## Performance

Maximum Speed	12 knots	(200 USG/Hr.)
Service Speed	10 knots	(145 USG/Hr.)
Eco Speed	8.5 knots	(130 USG/Hr.)
Fuel Consumption at DP		(12-30 USG/Hr.)

## Helideck

Capacity	17m USCG/ABS Certified D Value
Notes	Capable of supporting up to AW189
Certification	USCG/ABS, CAP437

## Safety

Life Rafts	6x 25-man USCG and ABS approved
Fast Rescue Craft	1 Schatt Harding with 40 HP Motor
Fire Fighting	Water and Foam capacity

## ROV Information

Type	Oceaneering Millennium Plus Work Class ROV
Number of Systems	2

## Navigation and Communication

Radars	(2) Furuno Ultra-High Def 6KW-12KWw/ MT Bridge-mate display
ECDIS	(2) Nav-Suite 8700 Series, Bridge-mate integrated
Gyros	(3) MT 6400 series, independent signal
Echo Sounder	(1) Skipper GDS102
Speed Log	(1) Skipper DL850
Auto Pilot	(3) MT Bridge-mate MTOS
GMDSS	(1) Sailor A3 150 W-SAT, C/SAT
Inmarsat C	(2) Sailor 6066, Dual Min-C

## DP & Referencing Systems

Marine Technology	DP2 w/ Full Bridge-mate integration, Independent consoles
DGPS	(2) CNAV 3050 Systems, with independent tracking
Cyscan	(1) MT Bridge-mate CyScan
RadaScan	(1) MT Bridge-mate RadaScan
USBL	(2) Ranger2 PRO Systems, Independent thru-hull deployment systems (2) HTP7000 deep-water transponders, to 600m

