

Shelia Bordelon Spec Sheet

General Information

IMO No.	9670638
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
Official Number	1259393

Accommodations

Total Berths	60
Stateroom	19
Heads/Showers	22
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

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.	*(520.62m²)*
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 gal	*(674m3)*
Potable Water	69,126 gal	*(262m3)*
Diesel Fuel	122k gal	*(462m3)*
Lube Oil	6190 gals | [2] tanks 3095 gals each	
Hydraulic Oil	3394 gals | [2] tanks 1697 gals each	
Watermaker	FCI Neptune series, 8,000 gals per day | (1) tank	
Output	(2) units, Capacity 3,400 USG/Hr.	

Crane

Crane Description	NOV 50T AHC 20 tons @ 3000m single fall
Static Payload Capacity	50 ton
Wire Length	3070m
Wire Diameter	48mm
Maximum Boom Height	22M
Ship/ROV Crane	1 ton Fixed Boom Support Crane
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) (3) Cummins QSK 19 Tier 3 (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.)*

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	Can support (2) Working Class ROVs
Number of Systems	
Depth Rating	
Umbilical Length	
Tether Length	
Manipulator	

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	(1) Ranger2 PRO Systems (2) Independent thru-hull deployment systems

