



# HOS BAYOU

## 310 Multi-Purpose Service Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	302 ft 0 in (92.0 m)	<b>Beam:</b>	64 ft 0 in (19.5 m)	<b>Draft Max:</b>	21 ft 1 in (6.43 m)
<b>Gross:</b>	4,885 GT	<b>Net:</b>	1,465 NT	<b>Draft Min:</b>	12 ft 8 in (3.86 m)
<b>IMO:</b>	9647681	<b>O.N.:</b>	1244577	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L				
<b>Classifications:</b>	Loadline, ABS, ⚡DPS-2, FFV-I, (E), ⚡A1, ⚡ACCU, ⚡AMS, OSV, UWILD, ACP, HELIDK, CRC, OSR-C2				

### PERFORMANCE

<b>Max Speed:</b>	12.0 kts 208 gal/hr (787 l/hr)
<b>Cruise Speed:</b>	10.0 kts 133 gal/hr (503 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Generators:</b>	4 x Caterpillar 3516C	<b>Total Power:</b>	7,300 kW
<b>Aux. Generators:</b>	2 x Caterpillar C-32	<b>Total Power:</b>	1,880 kW
<b>Main Propulsion:</b>	2 x Schottel Azimuthing Z-Drives	<b>Propeller Diameter:</b>	106 in (2,692 mm)
		<b>Total Horsepower:</b>	6,700 hp
<b>Bow Thrusters:</b>	2 x Schottel FPP Tunnel	<b>Total Horsepower:</b>	3,160 hp
		<b>Power Generation:</b>	690V/60/3 phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	5,189 LT (5,273 MT)	<b>Deck Area:</b>	145 ft x 55 ft (7,595 ft <sup>2</sup> ) 44.2 m x 16.8 m (705.6 m <sup>2</sup> )
<b>Deck Cargo:</b>	2,075 LT (2,108 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	14,350 ft <sup>3</sup> (406 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Liquid Mud:</b>	20,986 bbl (3,337 m <sup>3</sup> )	<b>Discharge Rate:</b>	1,000 GPM (227 m <sup>3</sup> /hr)
<b>Methanol:</b>	1,960 bbl (312 m <sup>3</sup> )	<b>Discharge Rate:</b>	250 GPM (57 m <sup>3</sup> /hr)
<b>Potable Water:</b>	62,549 gal (237 m <sup>3</sup> )	<b>Watermaker Cap.:</b>	4,000 USG/day (15 m <sup>3</sup> /day)
<b>Rig Fuel:</b>	268,284 gal (1,015 m <sup>3</sup> )	<b>Discharge Rate:</b>	750 GPM (170 m <sup>3</sup> /hr)
<b>Rig Water:</b>	519,162 gal (1,965 m <sup>3</sup> )	<b>Discharge Rate:</b>	750 GPM (170 m <sup>3</sup> /hr)
<b>Cooler Capacity:</b>	600 ft <sup>3</sup> (17 m <sup>3</sup> )	<b>Freezer Capacity:</b>	1,000 ft <sup>3</sup> (28 m <sup>3</sup> )
<b>Off Ship Firefighting Monitors:</b>	2	<b>Total Flow Rate:</b>	10,586 gal/min (2,406 m <sup>3</sup> /hr)

### ELECTRONICS

Auto Pilot, C-NAV, CCTV Cameras, Depth Sounder, Speed Log, DGPS w/AIS, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/loudhailer, SARTs, VHF Radio, VHF Radio (Handheld), Anemometer, X-band Radar, S-band Radar AIS, Cyscan, Radascan, DSDL, SSAS, VSAT

### ACCOMMODATIONS

24 air conditioned/heated staterooms certified for 70 person(s) berthing.

### SPECIAL FEATURES

<b>Helideck Diameter:</b>	73 ft 0 in (22.25 m)	<b>Size Rating:</b>	Sikorsky S-61N
<b>Knuckle Boom Crane:</b>	1 x McGregor Knuckle Boom Crane w/ Active Heave Compensation	<b>Weight Rating:</b>	Sikorsky S-92, (12 Tons)
		<b>Max Lift @ Max Radius:</b>	25 MT @ 105 Ft.
		<b>Max Lift @ Min Radius:</b>	150 MT @ 33 Ft.
		<b>Max Lift @ Max Depth*:</b>	(1-fall) 50 MT @ 9,544 Ft.
		<b>Max Lift @ Max Depth*:</b>	(2-fall) 100 MT @ 4,772 Ft.
		<b>Max Lift @ Max Height:</b>	150 MT @ 125 Ft. abv MD
<b>Deck Crane:</b>	1 x Appleton EB70-53-33	<b>Man Rating:</b>	7.5 MT
		<b>Max Lift @ Max Radius:</b>	3 MT @ 53 Ft.
		<b>Max Lift @ Min Radius:</b>	13 MT @ 16 Ft.
		<b>Man Rating:</b>	0.6 MT
<b>ROV:</b>	1 x Schilling HD 150 HP Work Class	<b>Fast Rescue Craft:</b>	1 x 15 Person(s)
<b>DP Reference:</b>	1 x Kongsberg HiPAP 500	<b>Roll Reduction:</b>	Anti-Roll Tank

\* Max water depth will be reduced by the number of wraps required to remain on drum and wire traveling through the system.

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Rev. 6

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Date: 07/30/2019