



HOS BAYOU

310 Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

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

PERFORMANCE

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

PROPULSION, MACHINERY AND STEERING

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

CAPACITIES AND DELIVERY RATES

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

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