



# HOS CAROLINA

## HOSMAX320 Offshore Supply Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	319 ft 6 in (97.4 m)	<b>Beam:</b>	64 ft 0 in (19.5 m)	<b>Max Draft:</b>	19 ft 4 in (5.89 m)
<b>Gross:</b>	3,835 GT	<b>Net:</b>	1,283 NT	<b>Min Draft:</b>	10 ft 0 in (3.05 m)
<b>IMO:</b>	9647576	<b>O.N.:</b>	1244587	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, USCG Subchapter I, USCG Subchapter L				
<b>Classifications:</b>	Loadline, American Bureau of Shipping, +DPS-2, FFV-1, (E), +A1, +ACCU, +AMS, OSV, ACP, CRC, OSR-C2, UWILD				

### PERFORMANCE

<b>Cruise Speed:</b>	9.0 kts	170 gal/hr (643 l/hr)	<b>Max Speed:</b>	11.0 kts	297 gal/hr (1,124 l/hr)
<b>On DP:</b>		86 gal/hr (326 l/hr)	<b>On Standby:</b>		51 gal/hr (193 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x Caterpillar 3516C	<b>Total Horsepower:</b>	6,008 bhp
<b>Propellers:</b>	CPP, High Efficiency, 4-Blade	<b>Propeller Diameter:</b>	106 in (2,692 mm)
<b>Primary Generators:</b>	2 x Caterpillar C 32	<b>Total Rating:</b>	1,430 kW
<b>Bow Thruster:</b>	2 x Brunvoll CPP Tunnel	<b>Total Rating:</b>	2,600 hp
<b>Stern Thruster:</b>	1 x Brunvoll CPP Tunnel	<b>Total Rating:</b>	1,300 hp
<b>Rudder:</b>	Fishtail, High Lift, Independent Steering	<b>Power Generation:</b>	480V/60 Hz/3-Phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	6,059 LT (6,156 MT)	<b>Deck Area:</b>	233 ft x 52 ft (12,116 ft <sup>2</sup> ) 71.0 m x 15.8 m (1,125.6 m <sup>2</sup> )
<b>Deck Cargo:</b>	4,000 LT (4,064 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	12,528 ft <sup>3</sup> (355 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	20,911 bbl (3,324 m <sup>3</sup> )	<b>Discharge Rate:</b>	1,000 GPM (227 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	20,911 bbl (3,324 m <sup>3</sup> )	<b>Discharge Rate:</b>	1,000 GPM (227 m <sup>3</sup> /hr)
<b>Potable Water:</b>	59,658 gal (226 m <sup>3</sup> )	<b>Discharge Rate:</b>	800 GPM (182 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	241,785 gal (915 m <sup>3</sup> )	<b>Discharge Rate:</b>	732 GPM (166 m <sup>3</sup> /hr)
<b>Rig Water:</b>	701,587 gal (2,656 m <sup>3</sup> )	<b>Freezer Area:</b>	460 ft <sup>3</sup> (13 m <sup>3</sup> )
<b>Cooler Area:</b>	460 ft <sup>3</sup> (13 m <sup>3</sup> )		

### ELECTRONICS

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

### ACCOMMODATIONS

13 air conditioned/heated staterooms certified for 24 person berthing.

### SPECIAL FEATURES

<b>Oil Spill Recovery:</b>	ABS Capability Class 2	<b>Recovered Oil Capacity:</b>	20,911 bbl (3,324 m <sup>3</sup> ) (>60 °C FP)
<b>Off-ship Firefighting:</b>	ABS FiFi 1	<b>Number of Fire Monitors:</b>	2
		<b>Total Flow Rate:</b>	10,586 gal/min (2,406 m <sup>3</sup> /hr)
<b>Deck Crane:</b>	2 x Appleton EB70-53-33	<b>Max Lift @ Max Radius:</b>	3 MT @ 53 ft
		<b>Max Lift @ Min Radius:</b>	13 MT @ 16 ft
		<b>Personnel Rating:</b>	0.6 MT
<b>Capstans:</b>	2 x 11 MT	<b>Deck Tuggers:</b>	2 x 10 MT

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