



# HOS ACHIEVER

## T22 Multi-Purpose Service Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b> 432 ft 1 in (131.7 m)	<b>Beam:</b> 72 ft 1 in (22.0 m)	<b>Draft Max:</b> 22 ft 2 in (6.75 m)
<b>Tonnage/Gross:</b> 8,524 GT	<b>Net :</b> 2,558 NT	<b>Draft Min:</b> 14 ft 0 in (4.27 m)
<b>IMO:</b> 9414163	<b>O.N.:</b> 1759	<b>Flag:</b> Vanuatu
<b>Certifications:</b> Oceans-SOLAS		
<b>Classifications:</b> ABS, A1, AMS, ACCU, DPS-3, HELIDK, HDC 10 t/m <sup>2</sup> , Loadline		

### PERFORMANCE

<b>Cruise Speed:</b> 12.0 kts	296 gal/hr (1,120 l/h)	<b>Max Speed:</b> 13.0 kts
<b>On DP:</b>	146 gal/hr (553 l/h)	

### PROPULSION, MACHINERY AND STEERING

<b>Auxiliary Generators:</b> 2 x MAN B & W 6L 27/38	<b>Total Rating:</b> 3,600 kW
<b>Primary Generators:</b> 4 x MAN B & W 9L 27/38	<b>Total Rating:</b> 11,500 kW
<b>Main Propulsion:</b> 2 x FPP, Steerable Azimuth	<b>Total Horsepower:</b> 8,050 hp
<b>Bow Thrusters:</b> 2 x CPP Tunnel	<b>Total Horsepower:</b> 3,600 hp
<b>Bow Thruster:</b> 1 x CPP Drop Down Azimuth	<b>Total Horsepower:</b> 1,600 hp
	<b>Power Generation:</b> 6.6 kV/60 Hz/3 phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b> 5,096 LT (5,180 MT)	
<b>Ballast Water:</b> 859,250 gal (3,252 m <sup>3</sup> )	
<b>Ship's Fuel:</b> 318,910 gal (1,207 m <sup>3</sup> )	
<b>Potable Water:</b> 145,440 gal (551 m <sup>3</sup> )	
<b>Water Makers:</b> 35,135 gal/day (133 m <sup>3</sup> /day)	
<b>Freezer Area:</b> 3,900 ft <sup>3</sup> (110 m <sup>3</sup> )	<b>Cooler Area:</b> 4,790 ft <sup>3</sup> (136 m <sup>3</sup> )

### ELECTRONICS

Auto Pilot, CCTV Cameras, Depth Sounder, DGPS, EPIRB, Gyro Compass, Joystick Control, Kongsberg SDP 10 DP Sys, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/loudhailer, Radar (S band), SARTs, VHF Radio, VHF Radio (Handheld), Windbird, X band Radar, CJoy Independent Joystick System, Kongsberg K Pos 21 Dual Redundant DP System, K Pos 11 BU DP 3 Backup DP System

### ACCOMMODATIONS

93 air conditioned/heated staterooms for 267 person(s) berthing total. The rooms are configured as follows:

14 air conditioned staterooms for 1 person(s) berthing each.	17 air conditioned staterooms for 2 person(s) berthing each.
29 air conditioned staterooms for 3 person(s) berthing each.	33 air conditioned staterooms for 4 person(s) berthing each.

Accommodations include:

Multi-Level Fitness Center, Indoor Smoking Lounge, Galley, Coffee & Tea Room, Diner, Internet Cafe/Quiet Room, Laundry Room, Locker/Wash Room, Rec Room, Sick Bay, Deck Changing Room, 3 Conference Rooms, 24 Office Stations

### SPECIAL FEATURES

<b>Helideck Diameter:</b> 73 ft 0 in (22.25 m)	<b>Size Rating:</b> Sikorsky S-61N
<b>Helideck Equipment:</b> Re-Fueling	<b>Weight Rating:</b> Sikorsky S-92, (12.8 MT)
<b>Roll Damping:</b> Active and Passive	<b>Fast Rescue Craft:</b> 1 x 15 Person(s)
<b>Pedestal(Main) Crane:</b> 1 x Huisman Main Hoist Boom	<b>Max Lift @ Max Radius:</b> 50 Mt @ 112 Ft.
	<b>Max Lift @ Min Radius:</b> 160 Mt @ 44 Ft.
	<b>Max Lift @ Max Height:</b> 160 Mt @ 135 Ft abv MD
<b>Pedestal(Aux) Crane:</b> 1 x Huisman Aux Hoist	<b>Max Lift @ Max Radius:</b> 20 Mt @ 146 Ft.
	<b>Max Lift @ Min Radius:</b> 20 Mt @ 26 Ft.
	<b>Max Lift @ Max Height:</b> 20 Mt @ 166 Ft abv MD
<b>Telescopic Gangway:</b> 1 x Uptime Active Motion Compensated Gangway	<b>Operating Length:</b> 19.4m, ±4m
	<b>Operating Angle:</b> +20° / -15°

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