



Service with Energy

HOS IRON HORSE

T22 Multi-Purpose Service Vessel



DIMENSIONS AND REGULATORY INFORMATION

Length:	432 ft 1 in (131.7 m)	Beam:	72 ft 3 in (22.0 m)	Draft Max:	20 ft 6 in (6.25 m)
Tonnage/Gross:	8,988 GT	Net :	2,697 NT	Draft Min:	14 ft 0 in (4.27 m)
IMO:	9457050	O.N.:	31015893326	Flag:	Mexico
Certifications:	Oceans-SOLAS				
Classifications:	ABS, A1, AMS, ACCU, DPS-3, Offshore, Support Vessel, HELIDK, HDC 10t/m ² , Loadline				

PERFORMANCE

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

PROPULSION, MACHINERY AND STEERING

Primary Generators:	4 x MAN B & W 9L 27/38	Total Rating:	11,536 kW
Main Propulsion:	2 x CPP, Steerable Azimuth	Total Horsepower:	8,050 hp
Bow Thrusters:	2 x CPP Tunnel	Total Horsepower:	3,600 hp
Bow Thruster:	1 x CPP Drop Down Azimuth	Total Horsepower:	1,600 hp
		Power Generation:	690V/60/3 phase

CAPACITIES AND DELIVERY RATES

Deadweight:	5,908 LT (6,003 MT)	Deck Area:	162ft x 68ft (8,127ft ²)
			49.4m x 20.7m (755m ²)
		Deck Load Rating:	2,048 lbs/ft ² (10 MT/m ²)
Ballast Water:	875,000 gal (3,312 m ³)		
Potable Water:	137,450 gal (520 m ³)		
Ship's Fuel:	352,340 gal (1,334 m ³)		
Freezer Area:	1,340 ft ³ (38 m ³)	Cooler Area:	950 ft ³ (27 m ³)

ELECTRONICS

Auto Pilot, CCTV Cameras, CJoy Independent Joystick System, Depth Sounder, DGPS, EPIRB, Gyro Compass, HiPAP 500 Acoustic System, Joystick Control, K-Pos 11 BU DP 3 Backup DP System, Kongsberg K-Pos 21 Dual Redundant DP System, Mag Compass, MAMS/VMS, Navtex, Power Management, Public Phone System w/ loudhailer, Radar (S-band), Remote Cargo Sys Op, SARTs, VHF Radio, VHF Radio (Handheld), Windbird, X-band Radar

ACCOMMODATIONS

88 air conditioned/heated staterooms for 245 person(s) berthing total. The rooms are configured as follows:

14 air conditioned staterooms for 1 person(s) berthing each.

19 air conditioned staterooms for 2 person(s) berthing each.

27 air conditioned staterooms for 3 person(s) berthing each.

28 air conditioned staterooms for 4 person(s) berthing each.

SPECIAL FEATURES

Mast Crane:	1 x Huisman Mast Type w/ Active Heave Compensation & 2 Tons personnel rating	Max Lift @ Max Radius:	200 Tons @ 103 Ft.
		Max Lift @ Min Radius:	400 Tons @ 54 Ft.
		Max Lift @ Max Depth:	91 Tons @ 10,000 Ft.
		Max Lift @ Max Height:	200 Tons @ 135 Ft abv MD
Construction Crane:	1 x Knuckle Boom w/ 6,165 Ft. fast wire and Active Heave Compensation & 2 Tons personnel rating	Max Lift @ Max Radius:	30 Tons @ 98 Ft.
		Max Lift @ Min Radius:	120 Tons @ 53 Ft.
		Max Lift @ Max Height:	84 Tons @ 123 Ft. abv MD
Fast Rescue Craft:	1 x 15 Person(s)	Watermaker Cap.:	28,000 USG/day
Helideck Diameter:	73 ft 0 in (22.25 m)	Helideck Rating:	Sikorsky S-61N (12 MT)
Roll Damping:	Active and Passive	Working Moon Pool:	25.5 Ft.x24.5 Ft. with hatch
ROV:	2 x Millennium Plus 220 HP Work Class w/ Hanger		

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