

POSH HERMOSA

10,800 BHP / 120.88 TBP / DP2 / AHTS



Class Notation

BV: I+ HULL + MACH Tug; Fire Fighting Ship 2; Unrestricted Navigation; DYNAPOS AM/AT R

Principal Particulars

Flag	Panama
Year Built	2008
Place Built	Guanhai Shipbuilding, P. R. China
Design Draft	5.40 m
Max Summer Draft	6.00 m
Gross Tonnage	2,532.0 T
Net Tonnage	759.0 T
Deadweight (Max Draft)	2,432.0 T @ 6.00 m draft
Displacement	4,862.0 T
IMO No.	9489883
Design	Conan Wu & Associates 70 m. A.H/OSV
Call Sign	3FBG2

Dimensions

Length Overall	70.70 m
Beam Overall	16.00 m
Depth Moulded	7.20 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck

Deck Cargo Area	469.9 m ²
Deck Cargo Dimension	37.0 m x 12.7 m
Deck Cargo Capacity	800.0 T
Deck Strength	5.5 T/m ²
Reefer Points	10 (6 x 440v, 2 x 220v)

Capacities

Fuel Tank	969.1 m ³
Fresh Water *	680 m ³
Drill Water *	598.8 m ³ (shared with ballast water)
Ballast Water *	598.8 m ³ (shared with drill water)
Mud Tank *	524.6 m ³ (shared with brine)
Brine Tank *	524.6 m ³ (shared with mud)
Dry Bulk Tank	270.4 m ³ (in 4 tanks)

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 150 m ³ /hr@90 m head
Fresh Water/Pump	2 x 150 m ³ /hr@90 m head
Fuel/Pump	2 x 150 m ³ /hr@90 m head
Brine/Pump	1 x 150 m ³ /hr@90 m head
Liquid mud/Pump	1 x 150 m ³ /hr@90 m head
Dry Bulk Tank	2 x 25.6 m ³ /min@70 m head

Accommodation

1 – Berth Cabins	4
2 – Berth Cabins	10
4 – Berth Cabins	4
Total (POB)	40

Main Engines & Generators

Main Engines	Bergen 2 x 4,002 kW each
Shaft Generators	Bergen 2 x 1,730 kW each
Diesel Generators	Caterpillar 2 x 590 kW @ 3 x 440 V 60 Hz
Emergency Generators	Caterpillar 1 x 99 kW

Thrusters & Propulsion

Bow Thruster	Rolls-Royce 1 x Tunnel Thruster @ 735 kW (11.0 T) Rolls-Royce 1 x FPP Retractable (13.5 T) Thruster
Stem Thruster	Rolls-Royce 1 x Tunnel Thruster @ 735 kW (11.0 T)
Propellers	MAN 2 x CP Propellers in fixed nozzles
Rudders	MAN 2 x independent high lift flat type

Deck Crane

Fixed Crane	SWL 6.2 T @ 5.0 m radius SWL 5.0 T @ 15.0 m radius
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Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Rolls-Royce 1 x Double Drum Waterfall, Low Pressure
Stall Pull Capacity	300.0 T
Brake Holding Capacity	450.0 T
Tow Drum Capacity	2,000 m x 76 mm dia. wire
Anchor Handling Capacity	2,000 m x 76 mm dia. wire
Secondary Winch Capacity	2,000 m x 76 mm dia. wire
Storage Reel Capacity	1 x 2,000 m x 76 mm dia wire
Tugger Winch	Rolls-Royce 2 x 17.0 T each
Capstan	2 x 10.0 T each
Shark Jaws	2 x Kamoy (SWL 300.0 T)
Tow Pins	2 x Kamoy (SWL 160.0 T)
Stem Roller	5.0 m x 2.5 m dia (SWL 350.0 T) 1
Gypsies Chain	x 76.0 mm + 1 x 90.0 mm
Locker	2 x 74.2 m ³

Tow/Anchor Handling Wires

Main Tow Wire	1,330.0 m x 76.0 mm dia wire
Spare Tow Wire	1,490.0 m x 76.0 mm dia wire
Anchor Handling Wire	525.0 m x 76.0 mm dia wire

Mooring Equipment

Anchor	2 x AC14; 1,920 kg each
Anchor Chain	2 x 412.5 m x 46.0 mm dia
Anchor Windlass	14.0 T @ 13.0 m/min

Dynamic Positioning System

DP Class	DP 2, Converteam ADP-2 system
References	2 x DGPS + 1 x Cyscan
VRU	2

Fire Fighting and Rescue

Firefighting System	FiFi2
FiFi Pump	2 x 3,700 m ³ /hr
FiFi Monitors	4 x 1,800 m ³ /hr
Spray Booms	2 x 6.0 m, Fixed Nozzle
Dispensant Capacity	8 m ³
Foam Capacity	8 m ³
Rescue Boat	1 x 10 man/rigid/160 hp
Life Rafts	6 x 25 man + 2 x 20 man
Life Buoys	10
Life Jackets	105
Fixed H2S Detection System	Yes

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