



240' CLASS - PSV

DP-2, Fi-Fi-1, Diesel Electric Platform Supply Vessel

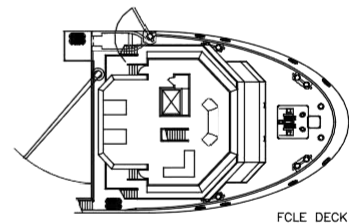


The Hemera P is a GPA 670 PSV designed in conjunction with Guido Perla & Associates of Seattle, Washington. This environmentally friendly diesel electric vessel uses less fuel than conventional direct-drive propulsion vessels and produces far less pollution. The vessel is also classed DP 2.

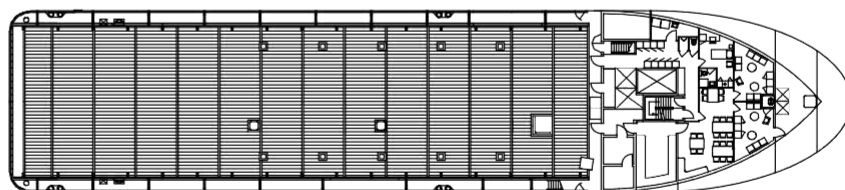
The GPA 670 design allows for greater tank and delivery capacity to compete with vessel larger than it.

The vessel is designed for world-wide, deep water and shallow water operations to fulfill the following duties:

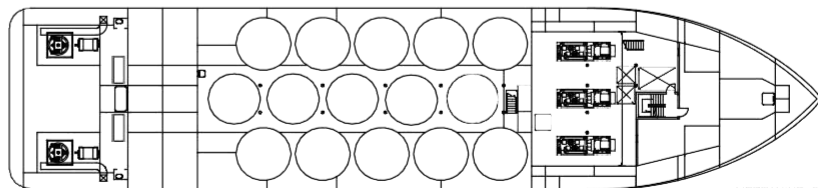
- Transportation of liquid products, deck cargo and other equipment for drilling and production support.



FCLE DECK



MAIN DECK



MEZZANINE DECK

PLATFORM SUPPLY VESSEL

REGISTRATION

Vessel Name: Hemera P
Type: DP2, Fi-Fi-1, PSV
Design: GPA 670
Flag: St. Vincent & the Grenadines
Owner: Intercontinental Shipping Limited

Builder: Zhejiang (China)
Class: BV1+ Hull + MACH Unrestricted Navigation,
Supply Vessel oil product, Firefighting ship 1,
Water spray, + AUT-UMS + DYNPOS AM-AT-R (class2)



Technical Specifications

PSV Hemera P

MAIN PARTICULARS

DIMENSIONS

Length overall 73.20m
 Breadth moulded: 16.50m
 Depth 6.80m
 Draft 5.63 m
 Deadweight 3,230t
 Gross tonnage 2,321
 Net tonnage 696

CAPACITIES

Deck area (50,30 x 13,70) 675 m2 with 5 t/m2
 Deck cargo 1,600 t
 Fuel oil 1,117 m3
 Drill water 759 m3
 Fresh water 579 m3
 Liquid mud, Brine 1,092 m3
 Base oil 188 m3
 Dry Bulk/Cement 255 m3

DELIVERY RATES

Fuel oil 150 m3/h at 9 bars
 Drill water 150 m3/h at 9 bars
 Fresh water 150 m3/h at 9 bars
 Liquid mud, Brine 2 x 75 m3/h at 15 bars
 Base oil 150 m3/h at 9 bars
 Dry Bulk/Cement 50 t/h at 6 bars

ACCOMMODATIONS

Accommodations for 23 pers
 Single cabins 5
 2 man cabins 5
 4 man cabins 2
 Hospital 1
 Mess / day rooms, laundry, galley, stores
 Fully air conditioned.

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines 3 x 1,825 kW
 Propellers Z drive, fixed pitch, 360 degrees
 Bow thrusters 2 x 746 kW Tunnel
 Auxiliary generators 2 x 1,920 kW
 Emergency generator 170 kW

SPEED / CONSUMPTION

Maximum speed (100%) 13 knots

BALLAST WATER MANAGEMENT SYSTEM

Ballast Water Treatment System Max TRC (IMO) 150 m3/h

EQUIPMENT & ELECTRONICS

DYNAMIC POSITIONING SYSTEM

Type: Class 2
 -Sensors and monitoring as per class 2 requirements
 -1 vertical reference unit.

DECK EQUIPMENT

Tugger: 1 x 10 t
 Capstans: 2 x 8 t
 Deck provisions crane: 2 t at 10 m
 Roll reduction System.

SAFETY EQUIPMENT

Fire Fighting (Fifi 1) (2 pumps of 1,500 m3/h and 2 monitors)
 Lifesaving arrangement.
 Stand by rescue equipment.

ELECTRONICS

- NAVIGATION

2 radars
 2 gyrocompasses
 1 magnetic compass
 1 digital echo-sounder
 1 speed log
 1 autopilot system
 1 GPS (and 2 DGPS)

- COMMUNICATION

1 radio system compliant with GMDSS A3
 1 Inmarsat F 77
 1 iridium

All particulars believed to be correct but not guaranteed.

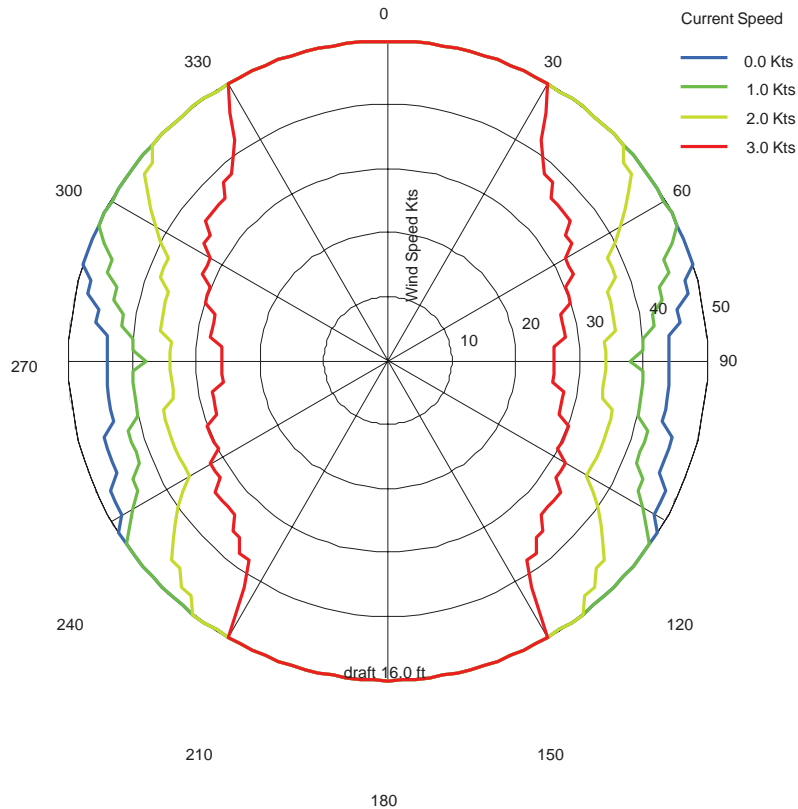


Vessel Capability Plots DP-2

PSV Hemera P

VESSEL CAPABILITY PLOTS

Capability Plot



PROPULSORS:		ENVIRONMENT
#1 Bow thruster	100% thrust	Max wind speed: 50 Kts Current Speed: 0-3.0 Kts Colinear environment
#2 Bow thruster	100% thrust	
#3 Stern Port Steer prop	100% thrust	
#4 Stern Stbd Steer prop	100% thrust	
#5 Stern Center Steer prop	offline	
Generator #1	100% power	
Generator #2	100% power	
Generator #3	100% power	

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Vessel Images

