



MPSV DP II GLOBAL EXPLORER

General Specifications

The Global Explorer is a Multi-Purpose Supply Vessel that has a DP2 dynamic positioning technology, a 500m² clear cargo deck, a total accommodation for 113 pax. Also, she is equipped with a 65-tons crane and with a helideck suitable for helicopters up to 12,000 lbs./5.44 tons.

The Global Explorer is designed for offshore support activities such as:



- Subsea operations
- Diving



- ROV and survey activities
- Lifting operations



- Dredging
- Wreck salvage



- Accommodation support
- Supply duties



- Platform and SPM maintenance
- Well intervention and more

The Global Explorer is well known and recognized for her **very low fuel consumption**:

	Liters	M ³	USG
Max speed 9 knots	9,463.53	9.46	2,500
Service speed 8.5 knots	7,570.82	7.57	2,000
Auto DP	5,678.11	5.67	1,500
Stand By	1,703.44	1.70	450
Type and grade of fuel	No. 2 Diesel Oil		

Main particulars

Flag	Mexico
Port of Registry:	Dos Bocas
Year built:	2002
Type:	Multi-Purpose Vessel DP II
Classification Society:	Lloyds' Register
Class:	ABS A1-AMS-ACCU-DPS-2
GRT:	2,704
NT:	811
IMO:	7717004
L.O.A.:	83.33 m-273.3 ft
Breadth:	13.72 m - 45 ft
Max Draught:	5.39 m - 17.7 ft
Depth:	6.25 m - 20.5 ft
Air Draft:	26.2 m - 86 ft
DWT:	1,678.5 Lt
Displacement:	4,382.5 Lt

Capacities and Performance

Approx. Daily Fuel Consumption in Fair Weather.

	Liters	M3	USG
Max speed 9 knots	9,463.53	9.46	2,500
Service speed 8.5 knots	7,570.82	7.57	2,000
Auto DP	5,678.11	5.67	1,500
Stand By	1,703.44	1.70	450
Type and grade of fuel	No. 2 Diesel Oil		

Total cargo:	Liters	USG
Fuel:	779,492	205,920
Lube Oil:	13,249	3,500
Hydraulic Oil:	2,839	750
Thruster Hydraulic Oil:	1,136	300
Potable Water:	113,562	30,000

Deck and holds

Clear cargo deck	500m ²
Forward Hold	# 1: 7.0 m x 8.0 m X 4.0 m = 224 m3 / Max. distributed loading= 406 tons.
Middle Hold	# 2: 10.0 m x 10.0 m X 4.0 m = 400 m3 / Max. distributed loading= 971 tons.
Aft Hold	# 3: 11.0 m x 11.0 m X 4.0 m = 484 m3 / Max. distributed loading= 905 tons.

Owner and Manager

Owner:

PJE Shipping

Contact:

Alejandro Cabrera
+52 55 5508 7494
alejandro.cabrera@pje.mx

Manager:

Administración Técnica Marítima
+52 938 1285 561
mrg@atmgroupp.com.mx

Gallery

Cooler space:	632 cu.ft
Freezer space:	450 cu.ft

Total accommodation

Total Bunks:	113 pax
Messroom:	38 pax
Tv room:	27 pax
Meeting room:	10 pax
Clients main office:	10 pax
Hospital:	2 pax

Machinery and Deck Equipment

BHP Main Engines:

Two General Motors EMD 12-645 E6
1500 hp @ 900 RPM each.

Engine Buider:

Electric Motor Division EMD.

Generators:

- One 16 cyl. 1,997 BHP 1489 Kw
- Two 8 cyl. 1,012 BHP 755 Kw
- One 8 cyl. 1,000 BHP 715 Kw
- One 8 cyl. 305 BHP 210 Kw

Bow thrusters:

2x thrusters 2,000 TBHP

Stern Thrusters:

2x Fixed pitch fully azimuthing
Z-drive, 2200 TBHP

Propellers / Rudders:

80" x 72" SS 4 Blade in Kort Nozzles

No. of ship Compressors:

3 Qunicy Ship's Air ER

Fuel Oil Metering System:

Electronic Fuel Oil

Cranes:

Main crane:
77.5 ft/3.62 m telescopic crane, model
Goodcrane 77.5TNC13500, SWL 65 tons,
110.82 ft/33.78 m max vertical reach.

Auxiliary crane: knuckle
47ft/14.33m SGB, 2.5
tons

Helideck:

SWL 12,000 lbs / 5.44 MT
Max. rotor diameter 40'

DP System and Navigation Equipment

Type:	DP II General Electric C-Series DPS21	Satcom:	Furuno SeaTel Inmarsat B
Fambeam:	1x MDL Laser	Electronic Navigation Equipment :	1x Nobeltec Charts Plotter
Acoustics:	1x Kongsberg HPR 400	GPS:	3x Furuno GPS
DGPS:	1x Starfix / 1-C Nav	AIS:	1x Furuno AIS
Gyro:	2x Sperry SKR 180 1x Meridian SG Brown	Radar:	1x Furuno X Band 96 Mile
VRU:	2x TSS-CMS RP25 1x IMU-107	Radar:	1x Furuno 72 Mile ARPA
Anemometers:	3x Young 06201	Auto Pilot:	1x Robertson AP9 MK3
Bridge Navigational Watch Alarm System Totem Plus		Depth Sounder:	1x Furuno FE700
Single Side Band Radio: SAILOR 6301			



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