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MV AGIOS PORFYRIOS

IMO 9244075

General Description

Flag	Liberia
Call Sign	D5XQ8
Type	Bulk Carrier
Class	BV I Hull, March; Bulk carrier ESP, Unrestricted navigation, AUT-UMS
Keel laid / delivery date	24.11.2001 / 28.08.2002
Built	2002 Korea
Yard	INP Heavy Industries Co. LTD, Ulsan
Yard hull number	INP – H1116
Ex-name(s)	CLIPPER RANGER
Type of hull	Single / Ordinary strength steel
Ice strengthened	No
Length overall	155.147 m
Length between perpendiculars	143.5 m
Beam	23.70 m
Depth moulded	13.0 m
Gross tonnage	12,578 mt
Net tonnage	6,861 mt
Lightship weight	5096.165 mt
Summer deadweight and draft	20,002 mt / 9.165 m
Winter deadweight and draft	19,416 mt / 8.974 m
Tropical deadweight and draft	20,595 mt / 9.356 m
Tropical fresh deadweight and draft	20,588 mt / 9.559 m
TPC summer salt	30.9 mt
Fresh water allowance	203 mm
Constant	Abt 220 mt
Summer freeboard	3.87 m
Winter freeboard	4.061 m
Tropical freeboard	3.679 m
Tropical fresh freeboard	3.476 m

Bunkers

IFO grade	RMG 380 ISO 8217:2010
MDO grade	DMB ISO 8217:2010

No mixing of bunker grades within tanks without Owners prior authorization.



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Hold and decks

Uniform hatch covers load per m ²		2.0 mt/m ²
Uniform main deck load per m ²		2,50 t/m ²
Uniform tank top load per square meter		Holds 1,2,3,4: - 20.0 mt/m ² ,
Allowable tank top load for steel cargoes		As described in the trim and stability book
Number of holds		4
Alternate hold loading		No
Holds pad eyes		Yes
Holds ventilation		Combination of Forced and Natural Vents
Hatch opening hold 1		19.80 m x 12.60 m
Hatch opening hold 2,3,4,		20.30 m x 14.00 m
Number of hatch openings		4
Hatch covers type		McGregor hydraulic folding
Hatch covers panel thickness		0.9 m
Grain fitted		Yes
Grain feeder holes		8
Cement feeder holes		Diameter 700 mm x 4 per hold
CO ₂ fitted		Yes
Australian hold ladders		Yes
Container capacity on deck		No
Container capacity in holds		No
Closed bulwark		No
Deck pad eyes		No
Flat tank top dimension	hold 1	26.2 x 17.90 m narrowing to 4.0 m forward
	hold 2	25.2 m x 17.90 m
	hold 3	25.2 m x 17.90 m
	hold 4	26.60 m x 17.90 m narrowing aft to 10.00m
Can vessel's hold ladders be continually accessed from the holds between a height of 3 and 5 metres above the tank top		Yes
Vertical distance from top of hopper to bottom of wing tank (approximate due hold configuration)	Hold 1	5.20 m
	Hold 2	5.20 m
	Hold 3	5.20 m
	Hold 4	5.20 m
Distance from ship's rail to inside of hatch coaming	Hold 1	5.50 m narrowing to 3.5 m fwd
	Hold 2	4.80 m
	Hold 3	4.80 m
	Hold 4	4.80 m

All figures about WOG



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Normal ballast distances

Air draft at draft F= 4.10 m A = 5.55 m		30.8 m
Maximum distance from waterline to top of hatch coaming	No.1	10.83m
	No.2	10.08m
	No.3	9.93m
	No.4	9.78m
Maximum distance from waterline to top of hatch cover	No.1	11.31m
	No.2	10.56m
	No.3	10.41m
	No.4	10.26m

Holds volumes

Hold	Cubic feet grain	Cubic feet bale	Cubic meter grain	Cubic meter bale
1	206,287.6	195,972.2	5841.4	5549.3
2	253,118.5	240,461.7	7167.5	6809.1
3	253,129.1	240,472.3	7167.8	6809.4
4	241,143.3	229,086.8	6828.4	6487.0
Total	953,678.5	905,993.1	27,005.1	25,654.8

Distances

Summer waterline to top of hatch coaming	No.1	6.62m
	No.2, 3 & 4	5.72m
Summer waterline to top of hatch cover	No.1	7.20m
	No.2, 3 & 4	6.30m
Bow to forward end of hatch nr. 1		16.65m
Forward end hatch nr.1 to after end hatch nr.4		103.0 m
After end hatch nr. 4 to stern		34.5 m
Between each hatch	No.1 – No.2	6.4 m
	No.2 – No.3, No.3 – No.4	7.1 m
Between each cranes		27.8 m
Keel to highest point		35.44 m

Keel to top of hatch cover	No.1	16.10 m
	No.2, 3 & 4	15.20m
Keel to top of hatch coaming	No.1	15.52m
	No.2, 3 & 4	14.62m
Keel to main deck centre line		15.10 m
Tank top to top of hatch coaming	No.1	13.90 m
	No.2, 3 & 4	13.0m
Main deck to top of hatch coaming at centerline	No.1Fwd	1.53 m
	No.1Aft	2.36m
	No.2, 3 & 4	1.55m

Cranes

Type	Tsuji Electro-hydraulic single jib
Number of cranes	3
Safe working load	30.0 mt
Slewing speed	Abt 0.75 rpm ave.
Hoisting speed	Abt 20 / 26 / 56 m/min - hook handling
Topping speed	Abt 52 seconds
Working radius	3.5 - 24.0 m
Maximum outreach from ship's side	12.10 m
Hatch cover to underside of pedestal	No.1 4.40m No. 2, 3 5.10m
Hatch cover to underside of crane jib	7.00m (crane jib at rest, h-cover close posn)
Main deck to underside of pedestal	7.30 m

	Crane outreach from ship's side	Max. height from waterline to lower edge of grab
Loaded to summer draft, all cranes	12.10 m	No.1 26.10 m
Loaded to summer draft, all cranes	12.10 m	No.2 26.90 m
Loaded to summer draft, all cranes	12.10 m	No.3 26.30 m
Light ballast, crane 1	12.10 m	30.60 m
Light ballast, crane 2	12.10 m	31.00 m
Light ballast, crane 3	12.10 m	30.30 m

All figures about WOG

Panama Canal

Panama net tonnage	10,571 mt
Panama canal identification number	6001311

Suez Canal

Suez net tonnage (Class)	12,155 mt
Suez gross tonnage (Class)	14,144 mt
Suez canal identification number	
Suez canal searchlight	Nil

All figures about WOG