



MV ARINA

SHIPS NAME

FLAG

PORT OF REGISTRY

IMO

CLASS SOCIETY

TYPE

P&I CLUB

DELIVERED

FULL MANAGER

MV ARINA

LIBERIA

MONROVIA

9101637

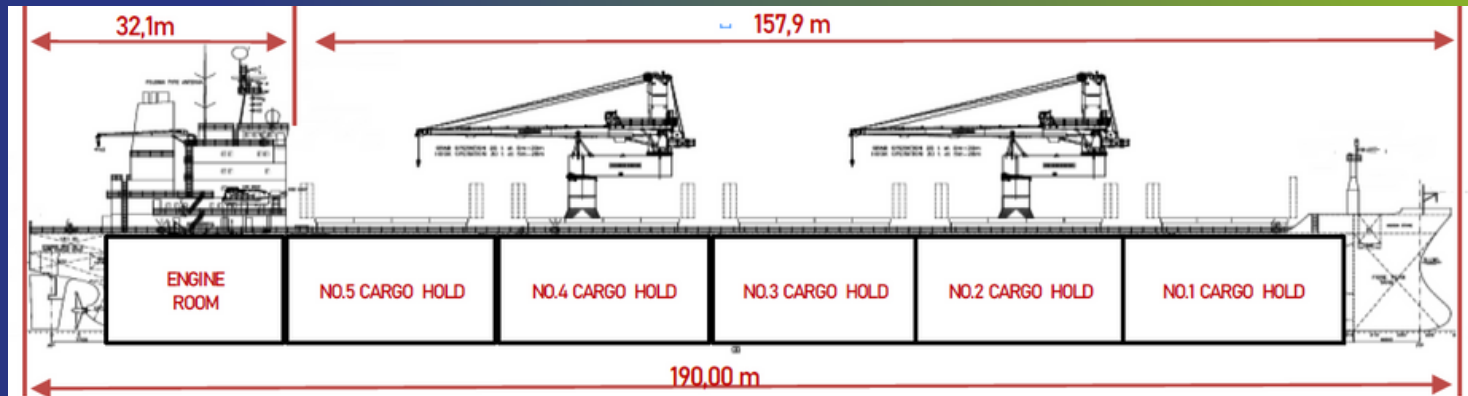
RINA, C±Bulk carrier ESP-heavy cargo -nonhomload; unrestricted navigation, AUT-UMS

BULK CARRIER

NNPC

1995

GRONA SHIPPING BV



SPEED AND CONSUMPTION

BALLAST: ABT 13.0 K ON ABT 25.0 MT IFO + 1.95 MT IFO + 0.1 T/D MDO AT SEA
LADEN: ABT 12.5 K ON ABT 26.5 MT IFO + 1.95 MT IFO + 0.1 T/D MDO AT SEA.

ECO SPEED/CONSUMPTION

BALLAST: ABT 11.5 K ON ABOUT 24.5 MT/D IFO(M/E) + 1.95 MT/D IFO (A/E) + 0.1 MT/D MDO AT SEA
LADEN: ABT 11.0 K ON ABOUT 25.5 MT/D IFO(M/E) + 1.95 MT/D IFO (A/E) + 0.1 MT/D MDO AT SEA

	Metres	Feet
LOA	190,00	623,36
LENGTH (BP)	181,00	593,83
BREADTH (moulded)	30,50	100,07
DEPTH (moulded)	16,60	34,78
MOULDED DRAUGHT	11,20	36,08
HEIGHT (Maximum)	47,60	156,17
BRIDGE FRONT - BOW	157,90	518,00
BRIDGE FRONT - STERN	32,10	105,30

	REGISTERED	SUEZ	PANAMA	PANAMA ID	SUEZ ID
NET TONNAGE	13 921,00	24 153,07	22 300,00	355704	9325867
GROSS TONNAGE	26 958,00	27 948,95	*		
LIGHT SHIP, mt	9 356,24	*	*		

	DRAFT	DEADWEIGHT	DISPLACEMENT	FREEBOARD	PROPELLOR IMMERSION DRAFT
SUMMER	11,200 m	43 106,6 Mt	52 462,9 Mt	5,418 m	
TROPICAL	11,433 m	44 311,1 Mt	53 667,4 Mt	5,185 m	
WINTER	10,967 m	41 904,9 Mt	51 261,1 Mt	5,651 m	
TROPICAL FRESH	11,688 m	45 632,4 Mt	54 988,6 Mt	4,930 m	
FRESH	11,445 m	43,113,265	52 469,5 Mt	5,163 m	
					6,18

HOLD	HOLDS and HATCHES DIMENSIONS					
NO.	LENGTH	BREADTH	HEIGHT	LENGTH	BREADTH	HEIGHT
1	28,38	30,50	16,79	19,27	16,00	2,75
2	28,38	30,50	16,79	19,27	16,00	2,75
3	28,38	30,50	16,79	19,27	16,00	2,75
4	28,38	30,50	16,79	19,27	16,00	2,75
5	28,38	30,50	16,79	19,27	16,00	2,75

BALE CAPACITY		
HOLD NO.	CUBM	CUBFT
1	10 157,0	358 691
2	11 322,6	399 853
3	11 320,8	399 790
4	11 366,8	401 415
5	10 806,0	381 610
TOTAL	54 973,2	1 941 379

MAIN ENGINE			
TYPE	HYUNDAI MAN B&W 6S50MC		
SET NO.	1		
NO. OF CYL.	6		
OUTPUT	BHP(kW)	BHP(kW)	BHP(kW)
MCR	11270	8286	122.0
NCR(90%)	9580	7744	119.0

GRAIN CAPACITY OF HOLDS				
HOLD NO.	TRIMMED ENDS		UNTRIMED ENDS	
	CUBM	CUBFT	CUBM	CUBFT
1	10 471,1	369 783	10 063,0	355 371
2	11 672,8	412 221	11 250,0	397 290
3	11 670,9	412 154	11 248,0	397 219
4	11 718,3	413 828	11 292,0	398 773
5	11 140,3	393 416	10 672,0	376 878
TOTAL	56 673,4	2 001 421	54 525,0	1 925 550

CRANES	
TYPE	LIEBHERR CBG-25(30)/30(28)+10LT
LOAD COND.	HOOK & GRAB USE
HOISTING LOAD	30 t
MAX.SLEWING RADIUS	30.0 m
MIN.SLEWING RADIUS	5.0 m
SLEWING ANGLE	360° ENDLESS
HOISTING SPEED	25 T X abt 20 m/min
	15 T X abt 30 m/min
	5 T X abt 63 m/min
LOWERING SPEED	60 m/min
LUFFING TIME	80 s
SLEWING SPEED	0,96 min ⁻¹
OUT OF REACH	30.0 m / 15°
ELECTRIC SOURCE	440v / 3 Ph / 60 Hz
SELF WEIGHT	N/A
LIMITATION	Wind 20 m/s Trim/Heel ±5°