



MV AGRAFENA

SHIPS NAME

FLAG

PORT OF REGISTRY

IMO

CLASS SOCIETY

TYPE

P&I CLUB

DELIVERED

FULL MANAGER

MV AGRAFENA

LIBERIA

MONROVIA

9100097

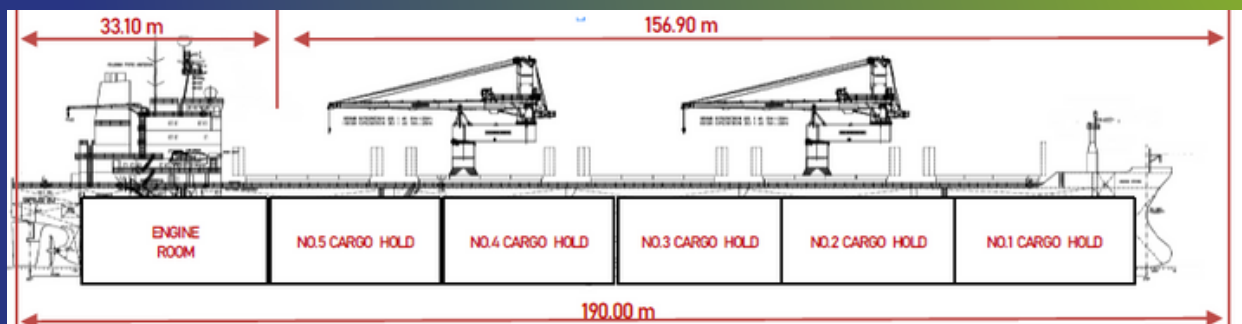
RINA, C±Bulk carrier ESP-heavy cargo -nonhomload; unrestricted navigation, AUT-UMS

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	623,35
LENGTH (BP)	181,00	593,82
BREADTH (moulded)	30,50	100,06
DEPTH (moulded)	16,60	54,46
MOULDED DRAUGHT	11,20	36,74
HEIGHT (Maximum)	45,05	147,80
BRIDGE FRONT - BOW	156,90	514,76
BRIDGE FRONT - STERN	33,10	108,59

	REGISTERED	SUEZ	PANAMA	PANAMA ID	SUEZ ID
NET TONNAGE	13 885,00	27 807,47	22 470,00	797162	20927
GROSS TONNAGE	26 942,00	24 115,96	*		
LIGHT SHIP, mt	9 137,66	*	*		

	DRAFT	DEADWEIGHT	DISPLACEMENT	FREEBOARD	PROPELLOR IMMERSION DRAFT
SUMMER	11,200 m	43 325,2 Mt	52 462,8 Mt	5,418 m	
TROPICAL	11,433 m	44 529,7 Mt	53 667,3 Mt	5,182 m	
WINTER	10,967 m	40 734,6 Mt	49 872,2 Mt	5,651 m	
TROPICAL FRESH	11,688 m	45 850,9 Mt	54 988,6 Mt	4,930 m	
FRESH	11,455 m	43 331,8 Mt	52 469,5 Mt	5,163 m	
					5,8

HOLD	HOLDS and HATCHES DIMENSIONS						BALE CAPACITY		
NO.	LENGTH	BREADTH	HEIGHT	LENGTH	BREADTH	HEIGHT	HOLD NO.	CUBM	CUBFT
1	27,78	30,50	15,27	19,30	16,34	0,57	1	10 192,5	359 948
2	27,78	30,50	15,34	19,30	16,34	0,57	2	11 310,4	399 427
3	27,78	30,50	15,34	19,30	16,34	0,57	3	11 207,1	395 779
4	27,78	30,50	15,34	19,30	16,34	0,57	4	11 341,7	400 532
5	28,38	30,50	15,27	19,30	16,34	0,57	5	11 879,4	419 521
							TOTAL	55 931,1	1 975 207

MAIN ENGINE			
TYPE	KHIC B&W 5S50MC		
SET NO.	1		
NO. OF CYL	5		
OUTPUT	BHP	kW	rpm
MCR	9728	7154,9	127
NCR(90%)	8741	6428,9	122,6

CRANES	
TYPE	CBG-300 LITRONIC
LOAD COND.	HOOK USE
HOISTING LOAD	30 T
MAX.SLEWING RADIUS	28 m (25,6°)
MIN.SLEWING RADIUS	5 m (80,7°)
SLEWING ANGLE	360° ENDLESS
HOISTING SPEED	30 T X abt 60 m/min
	15 T X abt 90 m/min
	6 T X abt 90 m/min
LOWERING SPEED	abt. 60 m/min
LUFFING TIME	60 sec
SLEWING SPEED	1,1 RPM
OUT OF REACH	26 m(33,1°) / 10.5 m (25,6°)
ELECTRIC SOURCE	AC 440V, 60Hz, 3Ph
SELF WEIGHT	157,2 T
LIMITATION	5° HEEL

GRAIN CAPACITY OF HOLDS				
HOLD NO.	TRIMMED ENDS		UNTRIMED ENDS	
	CUBM	CUBFT	CUBM	CUBFT
1	10 452,0	369 112	10 053,6	355 043
2	11 681,4	412 529	11 275,0	398 177
3	11 685,0	412 656	11 278,6	398 304
4	11 712,5	413 627	11 303,6	399 187
5	11 135,7	393 257	10 693,6	377 644
TOTAL	56 666,6	2 001 181	54 604,4	1 928 354