

P R I N C I P A L P A R T I C U L A R S

MS "LAI DA TOMA"

PRINCIPAL DIMENSIONS

LENGTH OVER ALL	92.4	M
LENGTH PERPENDICULARS	88.62	M
BREADTH MOULDED	11.3	M
BREADTH OVER ALL	11.47	M
DEPTH WEATHERDECK	6.0	M
DRAUGHT MAX SUMMER	4.00	M
DRAUGHT BALLAST (CANALS)	2.5	M
DRAUGHT MOULDED	3.987	M
FIXED HEIGHT OVER BASE LINE	8.9	M
AIR DRAUGHT (CANALS)	6.4	M

CAPACITIES

GRAIN	3253.04	M3
BALE	3028.59	M3
CONTAINER HOLD	56	TEU
DECK	40	TEU
TIMBER (220 CF/STDD) HATCHWAY	480	STDD
DECK	290	STDD
BALLAST 100 %	1361.78	M3
GO 100 %	150.1	M3
FW	28.6	M3
LO 100 %	4.3	M3
CARGO HOLD OPENING (L + B)	58.06 + 8.874	M
CARGO HOLD (WOODEN CEILING) DEPTH	5.89	M

<u>PERMISSIBLE LOAD:</u> TANKTOP	4.740	T/M2
HATCHCOVER	1.280	T/M2

TONNAGE AND DEADWEIGHT

BRT	(999.82 TONNES)	INTERNATIONAL 1969	1721	TONNES
NRT	(692.9 TONNES)		719	TONNES
4.00 m DRAUGHT SUMMER			2544.0	TONNES
2.5 m DRAUGHT			1183.0	TONNES

SPEED	9.5	KNOTS
CONSUMPTION	4.0	TONNES
FUEL SPECIFICATION:	GO: ISO-F-DMA	
ISO 8217: 1987 (E) (CLASS F)		

COMPLEMENT

OFFICERS	3
CREW	5

MS "LAI DA TOMA"

MACHINERY

- 1 B + W ALPHA, 10 V 23 L - VO, 4 STROKE 1450 HP/800 R/M, 165 G/HP H
- 2 TURBO CHARGER, BBC VTR 200 - N
- 1 REDUCTION GEARBOX, ALPHA 26 VO 031, 2.66 : 1
- 1 CONTROLLABLE PITCH PROPELLER, ALPHA
- 1 FLEXIBLE COUPLING, VULKAN EZ 102 BR 107
- 1 BELT DRIVEN SHAFTALTERNATOR, PILLER NKT 290-4 1500 R/M, 265 KVA
- 2 AUX ENGINES DEUTZ, KHD, 5FL413R, 76 HP, 1500 R/M
- 2 FLEXIBLE COUPLING, VULCAN EZ 51S
- 2 ALTERNATOR, PILLER NKT 70-4 63.5 KVA
- 1 BOW THRUSTER, PLEUGER WM 90 - 200, 200 HP E-MOTOR, 3 SPEED, 148 KW
- 2 GS PUMP, TRIK WMVL 100, 150/48 CBM/H-30/33 m WS
- 1 STEERING GEAR NMF "P18"
- 1 "BECKER" TYPE FLAP RUDDER
- 2 AIR COMPRESSOR, SAUER WP/8 L/A 18 M3 30 bar
- 1 MDO PURIFIER, WESTFALIA, TYPE OTA

EQUIPMENT

EQUIPMENT NUMERAL 114

- 3 BOW ANCHORS, GRUSON HULL A 1290 KG ANCHOR CABLE 32 K2 385 M
- 1 STERN ANCHOR, POOL 440 KG ANCHOR CABLE 24K2
- 1 BOW WINDLASS, STEEN "MAVZ 36E"
- 1 STERN WINDLASS STEEN "A MAKR 30E - I"

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NAUTICAL EQUIPMENT

- 1 GYRO COMPASS, PLATH NAV II, TYPE 736-025
- 1 AUTO PILOT, PLATH NAVIGAT II
- 1 SEA RADAR, FURUNO 15.05 DA 5 KW, 48 MILE GC-2 GYRO PCB, PM-30 PERFORMANCE MONITOR
- 1 RIVER RADAR
- 1 SSB RADIO, FURUNO FS-1550, 150 W, 1.6 - 2.3 MHZ
- 1 WATCH RECEIVER, DEBEG
- 1 VHF RADIO, FURUNO FM 2510, 25 W (1W LOWER POWER) 55 CHANNELS
- 1 VHF RADIO, DEBEG

SAFETY EQUIPMENT

- 2 LIFE BOAT, 10 PERS, 5 X 180 X 0.72
- 1 INFLATABLE LIFE RAFT 8 PERS, DUNLOP "SEAFARER"
- 1 PORTABLE LIFE BOAT RADIO
- CO2 SMOOTHERING INSTALLATION FOR ENGINE ROOM 378 M3
- 1 EPIRB 121.5/406.025 MHZ
- 3 2 WAY RADIOS APELCO VXE 100