



Roberto Forti

Shipbrokers & Marine Consultant

Sarana



M/V SARANA FLAG: St. Vincent & The Grenadines

Vessel's Main Dimensions:	
Length O.A	122.50 m
Length B.P	111.00 m
Breadth Moulded	16.50 m
Depth to Main deck	6.25 m
Depth to Upper Deck	11.00 m
Draught	5.99 m
Displacement	7977.00 ts. 7695
Light Weight	2755.00 ts.
Dead Weight	4940.00 ts.

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Gross Tonnage	6172.00 GT
Net Tonnage	3566.00 NT
<u>Main Engine</u>	
Stork Werkspoor type: 8 TM 410	
Power: 4120 KW at: 570 RPM / 3600 HP	
Speed 10.00 kts / Consumption: 11 ts Ifo 120 cst + 1.2 ts of MGO	
80% Fuel capacity : 370 mt Ifo + 110 mt MGO	
<u>Aux. Engine</u>	
2 x 365 Kw 750 RPM Werkspoor, Type DRO 216	
Consumption:	
1.2 mt at sea. 1.5 mt at port.	
1400 Watt 1000 RPM Shaft Generator Engaged During Navigation	
40 Watt 1500 RPM Emerg. Generator	
BOW THRUSTERS: one : 294 Kw	
Class: RMRS	Owned: May 2006
	H&M: Ingosstrakh

Cargo Facility.

External Ramp:

Stern Ramp/Door: Max. Weight: 45 ts

Length :11.5 m x Width: 10.5 m x Height 4.48 m
/ Axle weight: 15 tons / m2

Cargo Lifts:

Port Side (Serve Upper Deck) 17.6 m X 2.93 m,
Capacity : 30 ts.

Starboard: (Serve D/Bottom) 13.73 m X 2.93 m,

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Capacity : 40 ts

Upper Deck Capacity: from aft to Frame: 38 (0.87 t/m2) & from Frames 38 to frames 95 (1.3 t/m2)

LOADS

Deck	T/m2	Truck	Axle
D.Bottom	6.10	40 ts	14 L
M. Deck	1.80	45 ts	14 L
Upper. D*	0.87	30 ts	14 L
Upper. D**	1.30	30 ts	14 L

* from aft to Frame No: 38 (0.87 t/m2)

** from Frame No: 38 to Fr. No: 95 (1.3 t/m2)

RO – RO Capacity:

Deck	Cars	20/4 0	Height	Area m ²
Bottom	90	40/1 8	4.20 m	830 m ²
Garage	165	76/3 5	4.30 m	1470 m ²
Upper1- M.deck	140		2.00m	1250 m ²
Upper2	100		2.00 m	900 m ²
Upper3	100		2.00 m	900 m ²

ADDITIONAL INFO:

01- height of main deck & garage : 4.40 m

02- entering ramp high : stern ramp door : max weight : 45 tons

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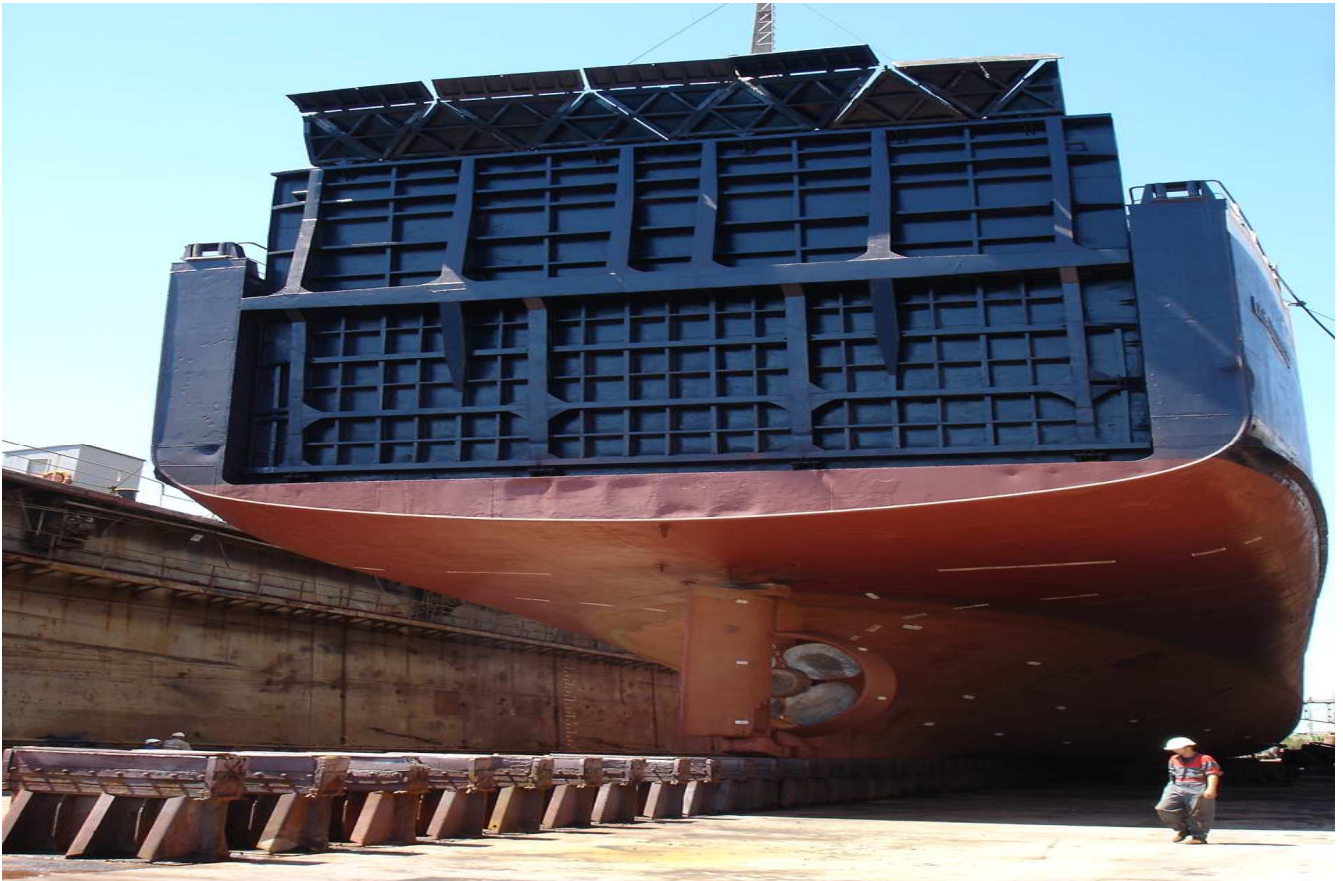
03- entering to lower hold by elevator

04- entering to upper deck by elevator

05- cargo left 1st garage to lower hold : stb side serve d.bottom : 14.7 m x 2.83 m capacity 45 tons

06- cargo left 2nd p.side (serve upper deck) 16 m x 2.70 capacity 45 tons

07- upper deck aft part : area 230 m and length 26 m , high open



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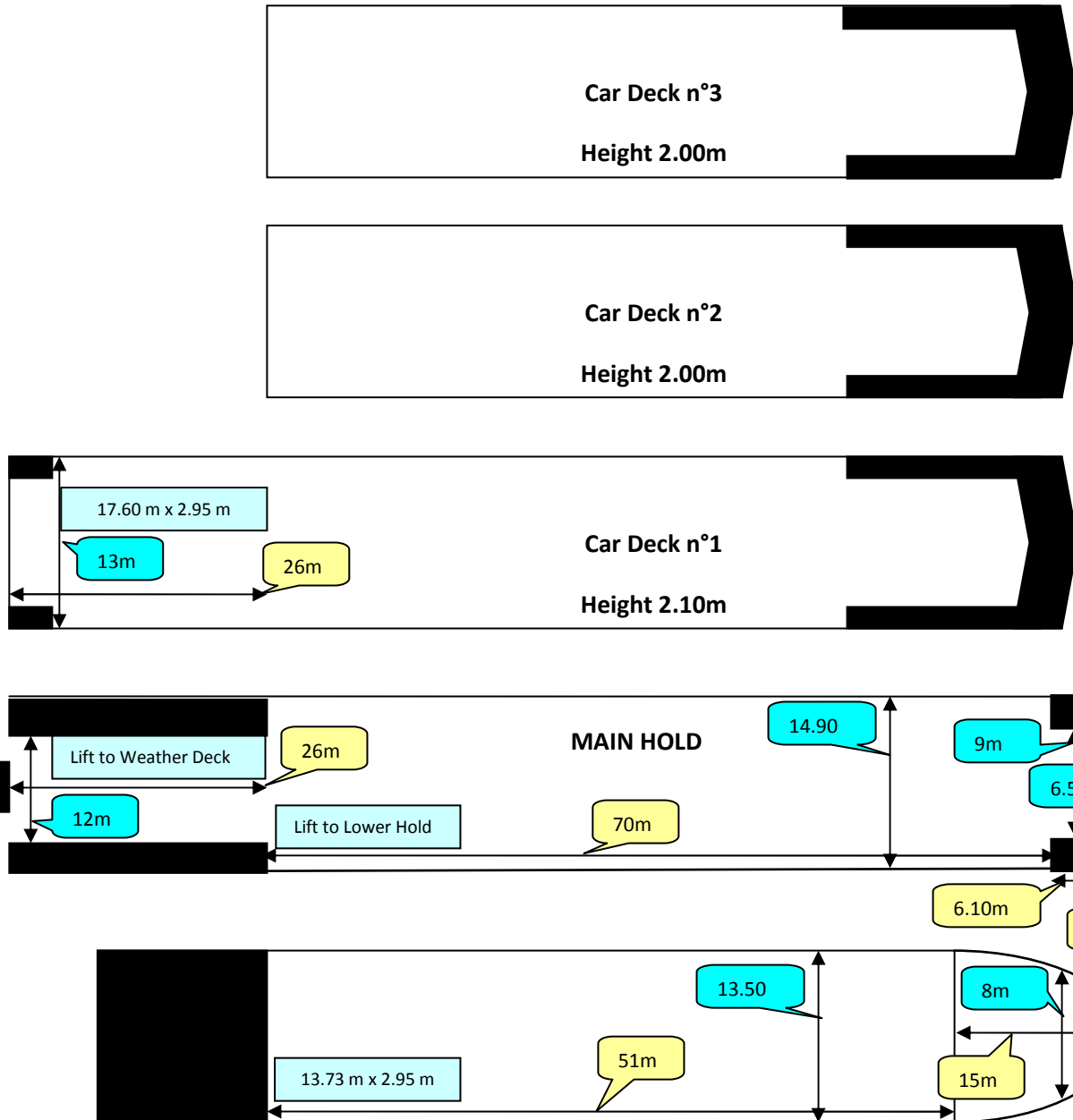
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