

Computation of Freeboard for Steamer, Sailing Ship, Tanker

Particulars of Classification \clubsuit 100. A. 1
with free board.Coefficient of fineness for use with Tables 745-

DEDUCTION FOR SUPERSTRUCTURES.

Deduction = $41.67 \times .9912 = - 41.30$

If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100 ft.

Summer Freeboard = $38.45 = 977 \text{ mm}$

Tropical Fresh Water Freeboard ...	634 $\frac{\text{mm}}{\text{mm}}$
Fresh Water ...	1972 $\frac{\text{mm}}{\text{mm}}$
Tropical ...	814 $\frac{\text{mm}}{\text{mm}}$
Winter ...	1140 $\frac{\text{mm}}{\text{mm}}$
Winter North Atlantic ...	1140 $\frac{\text{mm}}{\text{mm}}$

MARKING FORM
RECEIVED 29 JUN 1932

Emma Barke.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Upper Deck									
Bridge Deck									
2nd Deck									
Description of Hatchway	N ^o 1	N ^o 2	N ^o 4, 5	N ^o 3	N ^o 1	N ^o 2	N ^o 3	N ^o 4, 5	
Dimensions of Hatchway	31'5" x 20'	32'5" x 20'	30' x 20'	22'6" x 19'	31'5" x 19'	32'5" x 19'	20' x 19'	30' x 19'	
COAMINGS	Height above Deck	3'7"	3'7"	3'7"	3'7"	3'7"	3'7"	3'7"	
	Thicknes	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	
	Stiffeners	5'7" x 3" x 48"	5'8" x 3" x 48"	5'7" x 3" x 48"	5'7" x 3" x 48"	5'8" x 3" x 48"	5'7" x 3" x 48"	5'8" x 3" x 48"	
	Brackets, Stays	3 off	3 off	2 off	1 fitted	1 fitted	1 fitted	1 fitted	
HATCH BEAMS	Number	5	5	5	3	5	3	5	
	Spacing	ab. 5'3"	ab. 5'5"	5'	5'7 1/2"	ab. 5'3"	ab. 5'5"	5'	
	Scantling and Sketch	4" x 3"	4" x 3"	4" x 3"	4" x 3"	4" x 3"	4" x 3"	4" x 3"	
	Bearing Surface	19" x 36"	14 1/4" x 36"	13" x 36"	17" x 38"	19" x 40"	25" x 40"	18 1/4" x 40"	
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch								
HATCH COVERS	Material	Wood	Wood	Wood	Wood	Wood	Wood	Wood	
	Thickness	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	
	How fitted	F. & A.	F. & A.	F. & A.	F. & A.	F. & A.	F. & A.	F. & A.	
	Bearing Surface	3"	3"	3"	3"	3"	3"	3"	
Spacing of Cleats		24"	24"	24"	24"	24"	24"	24"	
Number of Tarpaulins		2	2	2	2	2	2	2	

Particulars of fiddley, funnel and ventilator coamings:— Motorship— No fiddley.
Vents to motor space and funnel on top of Motor casing in good condition.

Particulars of Flush Bunker Scuttles:— None fitted.

Particulars of Companionways:— None fitted.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—
Fule 1 off 11" diam. 37" x 38" coam. } Wood plugs & canvas covers
3- 5 1/2" x 31" x 28" } are supplied.
Remainder of ventilators are built as derrick post, strongly constructed & efficiently stayed.

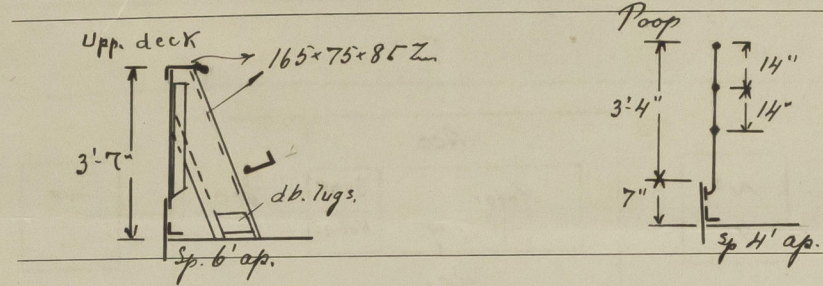
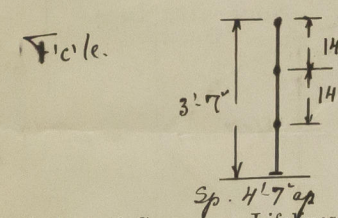
Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—
Height of opening above deck:— 30". Canvas covers supplied for all air pipes.

Particulars of Gangway Cargo and Coaling Ports:— None fitted.

Particulars of Scappers and Sanitary Discharge Pipes —
Scappers from lower deck through ship's side are fitted with N.R. Valves.
Sanitary Discharge pipes are fitted with N.R. Valves, & none below free board deck.

Particulars of Side Scuttles:
Side lights through ship's side are fitted with hinged, perm. attached dead lights.

Particulars of Guard Rails:—

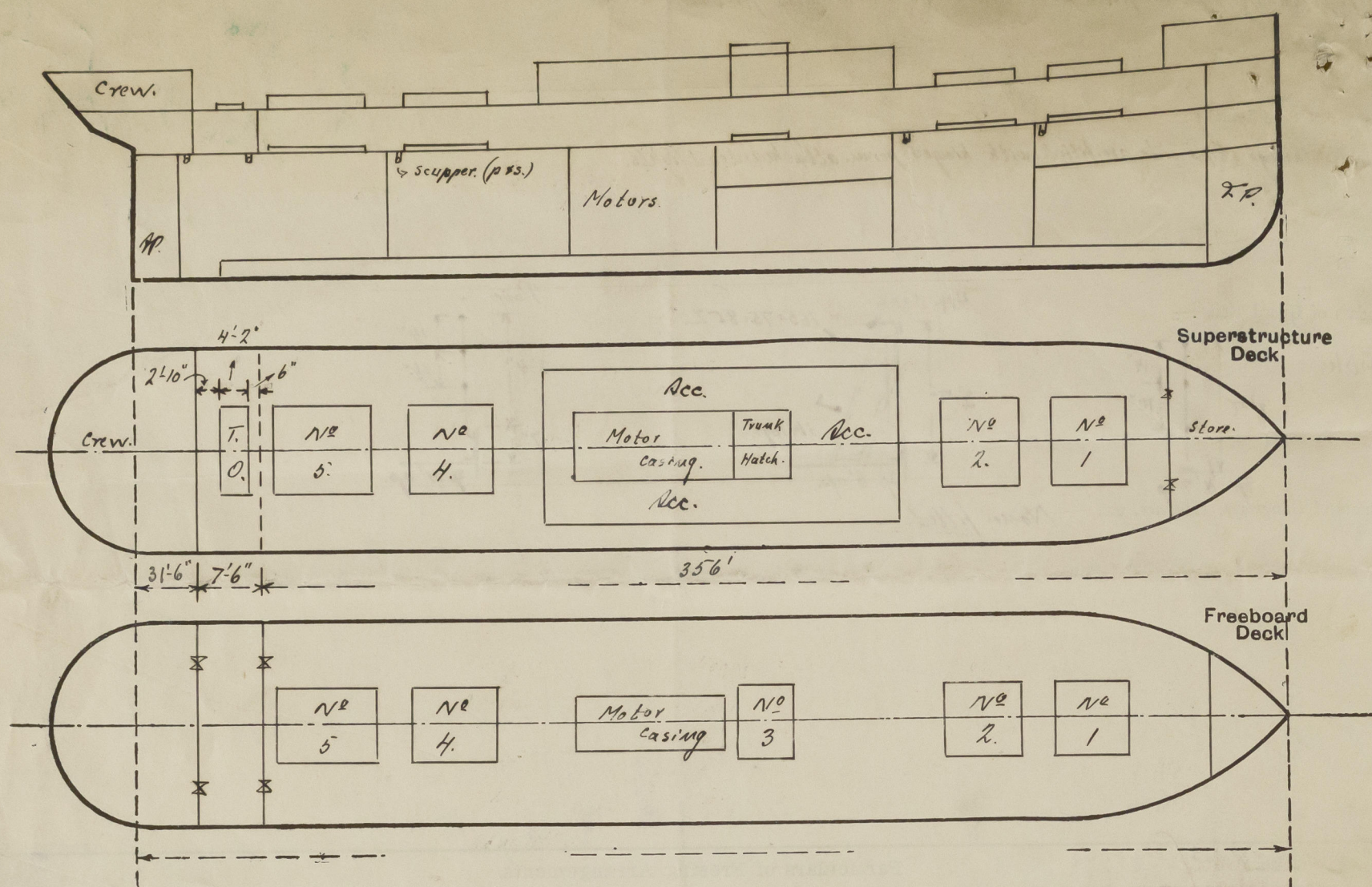


Particulars of Gangways, Lifelines, etc.:— None fitted.

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	7'6"	8'6"	27" x 15"	1	2.825	
Forward Well	✓					
State position of each freeing port ... After Well:— At midship of well. 5'11" 13". (F. and A. position and height above deck edge) } Forward Well:— State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— Hinged plate shutter. Additional area where sheer is less than standard.						

Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	Vert. pl.	25"	4" x 3" x 32"	29"	Top: Takes b. bar. Bolt: Takes b. bar.	44" x 3'1 1/2"	22 1/2"	8'6"
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	Vert. pl.	25"	4" x 3" x 32"	30"	Takes boundary bars.	3'3"	None	8'6"
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	✓							
Trunk, Aft	✓							
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓							
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	12" x 34"	28"	3 1/2" x 3" x 32"	30"	Top: coam. to beam. Bolt: Carr. bel. beam.	None	✓	9'3"
Deckhouses on Flush Deck Ships								
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead	2 1/4" woodboards in riveted channels, for full height.							
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	2 1/4" woodboards in bolted channels, for full height.							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	✓							
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	No openings.							
Deckhouses on Flush Deck Ships	✓							

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



No wood sheathing in way of freeboard marking.

State any special features in the construction of the ship:—

Displacement on shell at 70% of moulded depth.	9200 Tons	Tons per inch immersion.	40.98.
80%	10625		41.51.
90%	12050		42.15.

This vessel was surveyed afloat whilst discharging her cargo.

Builder's name and yard number. *Kockums M.V. Aktieb. Malmö. Yard No 161.*

Names of sister ships.

Owners *Stockholms Rederiaktieb. Svea (H. Ericson, Mgr.).*

Fee *£ Kr. 350.00*

Received by me



© 2020

Lloyd's Register
Foundation