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SAT. AUG. 11 1923

Index No. 2507
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *Null*
Date of Survey *Aug 10th 1923*
Name of Surveyor *W. H. Malcolm*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
M. S. S. "Johan Samne"	Hälsjö	5629	1372	1914-9	+100A1
Number in Register Book 23548	Swedish				

Registered dimensions from Ship's Register.	LENGTH. <i>233.1</i>	BREADTH. <i>37.8</i>	DEPTH. <i>16.3</i>	UNDER DECK TONNAGE. <i>1154</i>
Length on LOADLINE.	<i>234.9</i>	Frame Depth <i>7</i> Rule " <i>$\frac{5}{2}$</i> <i>-33</i>	Ceiling <i>fitted</i> Sheer <i>+48</i> <i>$2\frac{1}{4}$ Drop in tank</i> <i>+09</i> <i>Depth to T.T. 16.50</i>	Peak Tanks <i>3 Incl.</i>
CORRECTED DIMENSIONS.	<i>234.9</i>	<i>37.47</i>	<i>17.07</i>	<i>1154 42</i>

Moulded Depth as measured..... 18'-7"

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

Addition for Keel below base line
for draught record.....inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	234.9	
Length in Table	223.0	
Difference	11.9	
Correction for 10ft., Table A.	1.1	Table C. .6
× Difference divided by 10	1.31	(if required.) .71
If $\frac{1}{10}$ ths length covered divide by 2	+1 $\frac{1}{4}$ "	+3 $\frac{3}{4}$ "

P.B.J.F. = 39
 Trucks = 203 } 593

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered 593
Thickness of usual wood deck, less stringer $3\frac{1}{2}$ "

NOTE. — The sound of beam should be reported on the full breadth of vessel at the gunwale.

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	36'-5"				round of
Round of Beam	9-5				should be
Normal round.....	9-1				ed on
Difference	4	÷ 2 =	2		breadth
Proportion of Deck uncovered (Para. 19)	407			8	at the gun

Rise in Sheer	{	At front of bridge house.....
from amidships [Para. 18 (e)]		At after end of forecastle

¶ Fall in Shear } $\div 2 =$
 Para. 18 (*d*) }
 Length uncovered

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	1-0 $\frac{1}{2}$
Correction for Length, if required (Para. 12, 13, and 14)	+ $\frac{3}{4}$
	<hr/> 1-1 $\frac{1}{4}$
Freeboard by Table A. corrected for sheer, and for length, }	3-6
if required (Para. 12, 13, and 14) }	<hr/>
Difference	2-4 $\frac{3}{4}$
Percentage as below.....	28.36%

8.15.

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }

Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	26.0	26.0	7'-0 $\frac{1}{2}$ "
Fore Trunk.....	54.42 x $\frac{14}{16}$ 36.42 x $\frac{22}{16}$ 46.44 x $8 \times \frac{1}{2}$	4.33	3'-0"
Bridge House.....	63.58 x $\frac{14}{16}$ 36.42 x $\frac{22}{16}$	47.68	7'-0 $\frac{1}{2}$ "
alt. Trunk.....			
Raised Qr. Dk. 65.0 x $\frac{14}{16}$ 36.42 x $\frac{22}{16}$ 46.44 x $8 \times \frac{1}{2}$		9.47	3'-0"
Poop.....	17.92	17.92	7'-0 $\frac{1}{2}$ "

Total $\frac{105.4}{234.9} = .448$

Length of Ship

Corresponding percentage } 28.36 %
(Para. ~~11~~, 12, ~~13~~, or 14) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck :—

Fresh Water Line	above	centre of Disc
Indian Summer Line	"	" "
Winter Line	below	" "
Winter North Atlantic Line	"	" "

Q If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

† Vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

Q In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

Correction necessary because clearside amidships, measured
in accordance with the Statute is not taken at the } 1/2
intersection of the ~~wood or~~ steel deck with side.

Winter Freeboard from deck line	2'-7 $\frac{1}{4}$ "
Summer " " " "	2'-4 $\frac{3}{4}$ "
Indian Summer " " " "	2'-2 $\frac{1}{4}$ "
N. A. Winter " " " "	2'-9 $\frac{1}{4}$ "

(Steel) Deck :— 2'-4 1/2"

* State dimensions of freeing port area on back of this form

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the trim and trim by bow or stern and aft should be reported.

RECEIVED 21 JUL 1932

MARKING FORM
1 - OCT 1925
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002320-002329-0103

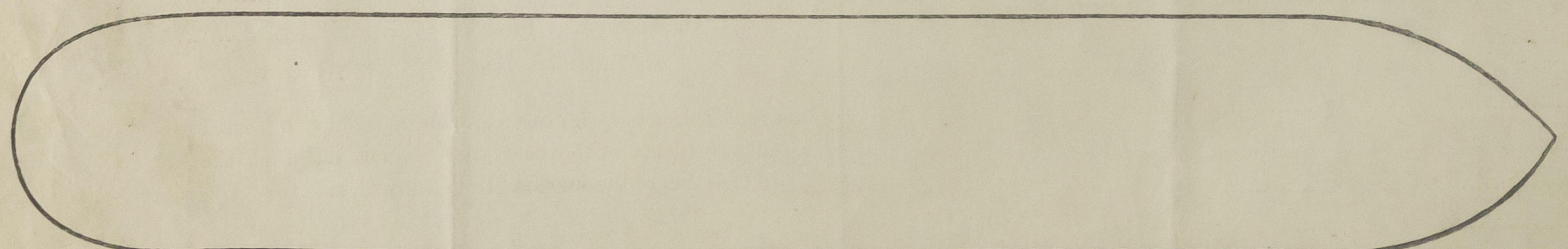
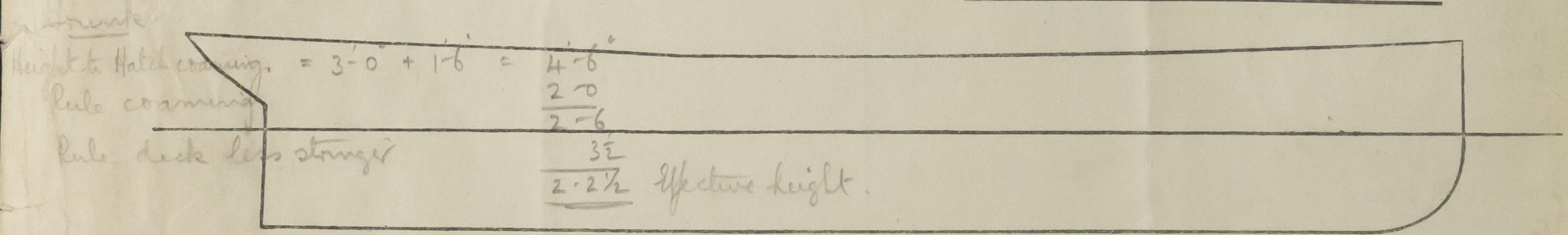
Do all the Frames extend to the top height in the Poop? *No* - Raised Quarter Deck? *Yes* - Bridge House? *Yes* - Forecastle? *Yes* -
 To what height do the Reverse Frames extend? *centre girder to margin plate* -
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes* -
 Give particulars of the means for closing the openings in Bulkhead *no openings* -
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Trunk* - Has the Bridge House an efficient Bulkhead at the fore end? *Yes* -
 Give particulars of the means for closing the openings in Bulkhead *Portable plates (4'-0" x 3'-1") with hook bolts to stiffeners, spaced*
 What is the thickness of the Bridge Front plating? *.32* - and Coaming plate? *.36* - *not more than 12' apart, through portable plates only*
 Give scantlings and spacing of the Stiffeners *7 x 3 x .50 B.A. - 30" apart (9 x 3 x .50 B.A. at sides of openings)*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* - Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes* -
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes* -
 How are the openings closed? *no openings* -
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* - Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Steel bulkhead*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Steel deckhouse* -
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *✓*
 Give thickness of plating; scantlings and spacing of Stiffeners *✓*
 What is the height of the exposed Casings? *7'-0"* Are suitable means provided for closing all openings in them in bad weather? *yes*
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: - *yes, on top of trunk, 18" x .44' steel plate*

Position and Size.		<i>101 (Fore)</i>		<i>102 (Fore)</i>		<i>103 (Fore)</i>		<i>104 (Fore)</i>			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of Deck	<i>18"</i>		<i>18"</i>		<i>18"</i>		<i>18"</i>			
	Thickness { Sides..... <i>.44</i> Ends..... <i>.44</i>										
* SHIFTING BEAMS OR WEB PLATES.	Number	<i>3</i>		<i>3</i>		<i>4</i>		<i>3</i>			
	Section and Scantlings	<i>16 x .34</i>		<i>15 x .34</i>		<i>dicts.</i>		<i>dicts.</i>			
	Material	<i>Steel</i>		<i>Steel</i>							
* FORE AND AFTERS.	Number										
	Section and Scantlings	<i>None</i>		<i>None</i>		<i>None</i>		<i>None</i>			
	Material										
HATCHES Thickness		<i>3"</i>		<i>3"</i>		<i>3"</i>		<i>3"</i>			
Remarks.....											

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.
 What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstrakes? _____
 Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

* The Sections and Scantlings are taken from the F.E. reports plans the webs being in the hold, and under a timber cargo, at time of survey.
 Length of Bulwarks in well
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.
 Ft. Tenths. Ft. Tenths. No. }
 Freeing Ports (each side of vessel) = _____ Sq. ft.
 Total deficiency or excess = _____ Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel _____
 Builder's name and yard number _____
 Names of sister vessels _____
 Owners _____
 " Address _____

Fee £ 2 : 0 : 0 Received by me 3/8/23