

Rpt. 110.  
JUN 1932

Amended Report

H. 10049.

28642

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING ~~SPAR~~ OR  
Completely closed Shell Deck. ~~AWNING~~ DECKS.

Port of Survey Middlesbrough  
Date of Survey During Construction  
Name of Surveyor J. R. ...

Ship's Name. <u>Mer. S. R. D. No. 603</u> <u>S. S. RONA</u> Number in Register Book	Port of Registry and Nationality. <u>Sydney N.S.W.</u> <u>British</u>	Official Number. <u>not yet known</u>	Gross Tonnage. <u>6205</u>	Date of Build. <u>1918</u>	Particulars of Classification. <u>100 A1. Steel Deck</u> <u>with freeboard</u> <u>(contingent)</u>
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Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK
	<u>400</u>	<u>54.05</u>	<u>32.25</u> <u>24.25</u>	Tonnage. <u>5727.24</u> <u>5 Shell Deck</u> <u>4200 approx to upper deck</u>
Length on LOADLINE	<u>399.7</u>	Frame Depth <u>10</u> Rule <u>" 75</u> <u>3 1/2 = 6</u> <u>32</u> <u>- .55</u> <u>.50</u>	Ceiling <u>+20</u> Sheer <u>+ .405</u> <u>Drop in tank</u> <u>10 = +.42</u>	Peak <u>hollow</u> Tanks <u>raised tank at</u> <u>after end</u> <u>+ 5' on</u>
CORRECTED DIMENSIONS.	<u>399.7</u>	<u>53.49</u> <u>.55</u>	<u>32.905</u> <u>33.32</u>	<u>5732.24</u>

Co-efficient of fineness ..... 816.80  
Any modification necessary } - .02 C.D.W.  
[Para. 4 (a) to (e)\*] } 795.78  
Co-efficient as corrected .....  
Day 76 to upper deck

Allowance for strength in excess of Lloyd's rules = 31.

State particulars—

Vessel constructed on patent Cantilever  
framing with topside tanks to carry  
molasses.  
Strengthened topsides.  
Deep bulb angle framing.  
Collision bulkhead to shell deck  
Others to upper decks.

Sheer at Stem ..... 102 } at length from Stem ..... 53 } 36 1/2  
Sternpost... 36 } " " " Sternpost... 20 } 36 1/2  
Drop in Sheer abaft amidships.....

Round of Spar-deck Beam..... 12"  
" " Main-deck " ..... 12"

	Length	×	Height.	State if open or closed at ends.
Forecastle .....	<u>40</u>	×	<u>7.6</u>	<u>Steel Bld. hung down</u>
Bridge.....	✓	×		
Poop.....	✓	×		

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

<u>12.3.18</u>	Fresh Water Line	above centre of Disc	...
	Indian Summer Line	" " "	...
	Winter Line	below " "	...
	Winter North Atlantic Line	" " "	...

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

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

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

CORRECTION FOR LENGTH :—

Length of Ship on Load Line.... 399.7  
Length in Table ..... 324  
Difference..... 75.7  
Correction for 10ft..... .7  
× Difference ÷ 10 = 5.299  
+ 5 1/4

Height of Tween Decks..... 8'0"  
(From top of beam to top of beam at side)  
Correction for Height of Tween Decks in Spar-decked Ships.....

Freeboard Table 20 C ..... 3-3 1/2  
Correction for Length..... + 5 1/4  
3-8 3/4  
Correction for Height of Tween Decks in Spar-decked Ships..... 8-0  
11-8 3/4

Correction for Strength in excess of Lloyd's rules..... - 2-7  
9-1 3/4

3" wood sheathing on  
Correction for Iron Deck if required..... - 1/2  
9-1 1/4

Other Corrections (if any).....

Winter Freeboard..... 9-1 1/4  
Summer Freeboard..... 8-7 1/4  
Indian Summer Freeboard..... 8-1 1/4  
N.A. Winter Freeboard

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood deck with side } 1 3/4

Winter Freeboard from Deck Line ..... 9-3  
Summer " " " ..... 8-9  
Indian Summer " " " ..... 8-3

3" wood on steel  
N.A. Winter Freeboard " " " ..... 8-9

7 1/4  
6  
6

MARKING REPORT  
RECEIVED 18.3.1938

Lloyd's Register  
Foundation

003534-003540-0269

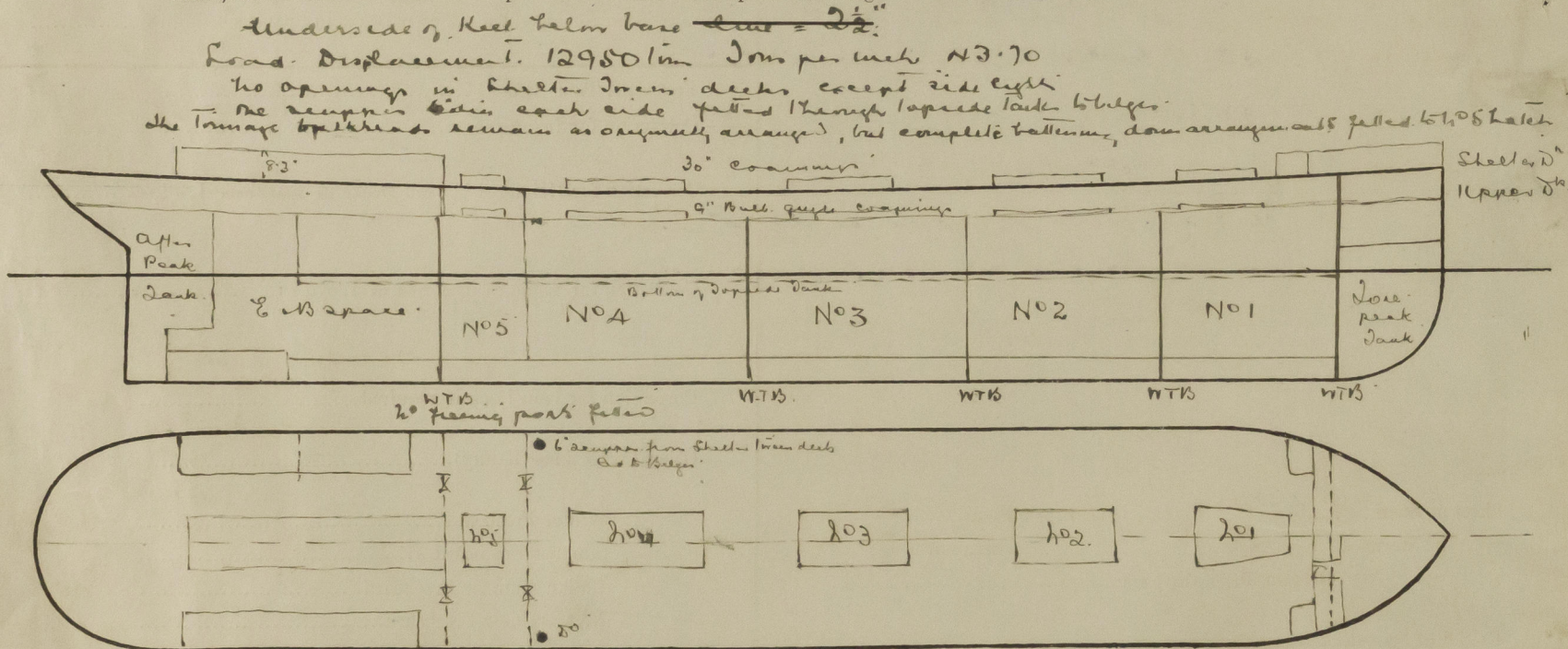


Do all the Frames extend to the top Height in the Spar deck? *Yes*  
 Do all the Frames extend to the top height in the Poop? *Bridge House? Yes*  
 To what height do the Reverse Frames extend? *Bulk. angle frames*  
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead  
 Is the Poop connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end?  
 Give particulars of the means for closing the openings in Bulkhead  
 What is the thickness of the Bridge Front plating? and Coaming plate?  
 Give scantlings and spacing of the Stiffeners  
 Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?  
 Has the Bridge House an efficient Iron Bulkhead at the after end?  
 How are the openings closed?  
 Is the Forecastle at least as high as the main or top-gallant rail? *7-6* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Steel*  
 Are the Engine and Boiler openings covered by a *Bridge Poop*, or enclosed by a Strong *Iron or Steel Deckhouse*? *Yes*  
 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 *all .40 1/2 x 3 x 42 about 36' apart*  
 What is the height of the exposed Casings? *8-3* Are suitable means provided for closing all openings in them in bad weather? *Steel wood down*  
 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:— *Apex Rule approved plans*

Position and Size.		No 1 29.3 x 24.0		No 2 36.0 x 24.0		No 3 30.0 x 24.0		No 4 33.0 x 24.0		No 5 15.0 x 24.0	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	24	30"	24	30"	24	30"	24	30"	24
	Thickness										
	Sides.....	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
	Ends.....	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.	Number .....	5	5	6		5		5		2	
	Section and Scantlings .....	4 1/2 x 3 x 44	4 1/2 x 3 x 44	22 x 38	22 x 38	22 x 38	22 x 38	23 1/2 x 40	23 x	22 x	22 x 38
	Material .....	Steel		Steel	4 1/2 x 3 x 46	Steel	4 1/2 x 3 x 46	Steel	4 1/2 x 3 x 46	Steel	4 1/2 x 3 x 46
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....										
	Material .....										
HATCHES Thickness .....		3		3		3		3		3	
Remarks.....											

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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.)



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 *This vessel has been built in accordance with the approved plans, midship section profile, forward transverse, Cantilever framing, Lap side Tanks to carry molasses, bulk angle framing, Cellular double bottom throughout, and fore. after peak tanks.*

Owners *Lt R Dixon & Co Ltd Middlesbrough*

Address

Fee £ *7 : 7 : 0*  
*or 8 : 8 : 0* Received by me *25-4-18*  
*as shown on previous slip 11-10-05.*  
*9000 Tonnage net 10000*



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