

25702

Alteration of the position of disc due to the closing of Louage opening &c.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Port of Survey Sunderland.
 Date of Survey 17 April 1918.
 Name of Surveyor S. K. Hull.

With complete Shelter tween decks closed.

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Richardson's No 263. "SUNLAND."</u>	<u>London.</u>	<u>142,374.</u>		<u>1918.</u>	<u>100.A.1. Shelter deck with freeboard.</u>

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
<u>365.0</u>	<u>51.6 mld.</u>	<u>22.1</u>	<u>3513.49.</u>
<u>364.21</u>	Frame Depth <u>9 1/2</u> Rule <u>5 1/2</u> <u>4</u> <u>-.64</u>	Ceiling <u>+ .20</u> Sheer <u>+ .65</u> <u>no spanning</u> <u>+ .33.</u>	Peak } <u>measured</u> Tanks } <u>in</u> } <u>Louage.</u>
<u>364.21</u>	<u>51.16</u>	<u>22.95 to upper</u> <u>7.5 Shelter tween decks.</u> <u>30.45 to Shelter 4721.96 to</u>	<u>Shelter deck.</u>

Co-efficient of fineness82
 Any modification necessary } .02 C.D.B.
 [Para. 4 (a) to (e)*]
 Co-efficient as corrected80 to upper deck.

Allowance for strength in excess of Lloyd's rules =
 State particulars—

opening beamed, and plated over. Upper board scuppers, and wash ports in well dispersed with, holes in shell plated over from outside, riveted and upper deck fitted with 10 wrought iron scuppers to bilges 2' dia. Lights to Crew spaces thro' Shelter deck hatch at ends. deck hatch Wals of Table A Scantlings.

deck tonnage 3513.49 to upper deck. tween decks 1208.14 deck tonnage 4721.96 to Shelter deck.

Sheer at Stem 9.0 } 135 at 1/2 length from Stem 5.1 } 44
 Sternpost 4.5 } 6 1/2 mean; " " Sternpost 2.6 } 38 1/2 mean
 Drop in Sheer abaft amidships.....

Round of Spar-deck Beam..... 12 1/2
 " " Main-deck " 12 1/2

	Length	Height.	State if open or closed at ends.
Forecastle		x	
Bridge.....		x	
Coop.....		x	

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

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 fu 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.

Moulded Depth as measured 24-6 upper Main Deck.
 " " " 32-0 Shelter Spar or Awning Deck.

CORRECTION FOR LENGTH :—
 Length of Ship on Load Line.... 364.21
 Length in Table 294.00 (upper deck)
 Difference 70.21
 Correction for 10ft. Table A 1.30 C = %
 x Difference ÷ 10 = 9.13

Height of "Tween Decks..... 4-6"
 (From top of beam to top of beam at side)
 Correction for Height of "Tween Decks in Spar-decked Ships.....

Freeboard Table B or C 2-6 1/2
 Correction for Length.....

Correction for Height of "Tween Decks in Spar-decked Ships.....

Correction for Strength in excess of Lloyd's rules.....

Correction for Iron Deck if required.....

Other Corrections (if any).....

Winter Freeboard.....
 Summer Freeboard.....
 Indian Summer Freeboard.....
 N. A. Winter Freeboard.....

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or iron deck with side

Winter Freeboard from Deck Line
 Summer " " "
 Indian Summer " " "
 N.A. Winter " " "

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

Do all the Frames extend to the top Height in the ~~Spar deck?~~ *Shelter deck* — *yes* ~~Awning deck?~~ *Bull Angle framing*

Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?

To what height do the Reverse Frames extend?

Has the Poop an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop connected with the Bridge House? 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? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a ~~Bridge, Poop,~~ *Shelter deck* *yes*
 or enclosed by a Strong Iron or 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

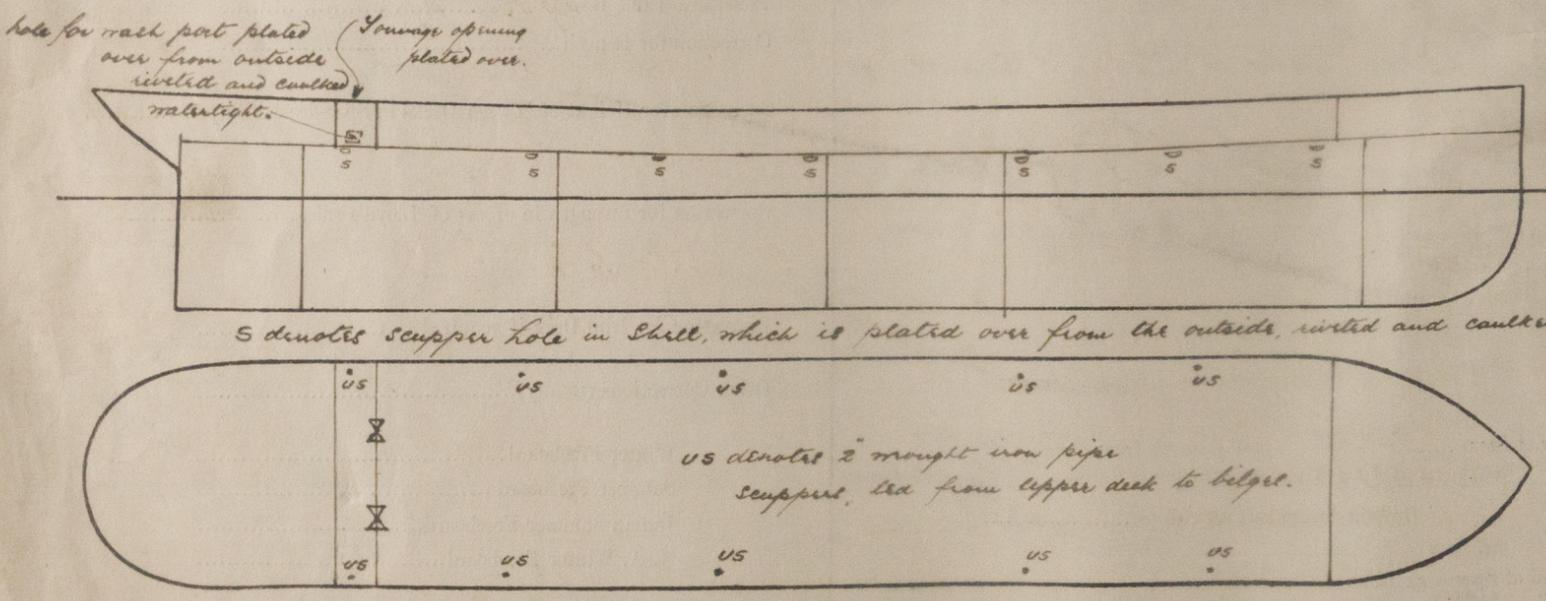
What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?

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*

Position and Size.		No. 1. 25' x 18'		No. 2. 29-2' x 18-0		No. 3. 29-2' x 18-0		No. 4. 25-0' x 18-0			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	
COAMING	Height above top of DECK	32	18	32	18	32	18	32	18		
	Thickness	Sides.....	.44	.44	.44	.44	.44	.44	.44	.44	
		Ends.....	.44	.44	.44	.44	.44	.44	.44	.44	
SHIFTING BEAMS OR WEB PLATES.	Number	Four		Five		Five		Four			
	Section and Scantlings	7" 16 7/10" x 3/8"		Same as No. 1.							
	Material	L 4 x 3 x .44									
* FORE AND AFTERS.	Number			None		Fitted.					
	Section and Scantlings										
	Material										
HATCHES	Thickness	2 1/2"		2 1/2"		2 1/2"		2 1/2"			
	Remarks.....										

Table of bulk webs

* 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

Owners
 „ Address *J. S. Co*
 Fee £ *5-5-0*
charged
Spence
 Received by me *25/4/15*