

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

24383

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

Port of Survey Spain
 Date of Survey August 1915
 Name of Surveyor

Ship's Name <u>W. Richardson</u>	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification. <u>100A.1. Shade deck contemplated</u>
-------------------------------------	-----------------------------------	------------------	----------------	----------------	--

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
480	61'-0" <u>hd</u>	32.7	6920
480	60.83	33.21	6935

Moulded Depth as measured seven 35'-9"
 36-9
 40-0 1/2
 22-8 1/2

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	480'
Length in Table	429'
Difference	51'
Correction for 10ft., Table A.	1.7' Table C. 8'
× Difference divided by 10	8.67 (if required.) 408'
If 1/10ths length covered divide by 2	+ 8 3/4' + 4'

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	58'
Thickness of usual wood deck, less stringer	3 1/2'
3" Sheathing fitted difference 1/2' Correction - 1/4' - 1/4'	

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	59'-6"
Round of Beam	12"
Normal round.....	14 2/8"
Difference	2 3/8" ÷ 2 = 1 1/16"
Proportion of Deck uncovered (Para. 19)	✓ 29' ✓

fineness..... .717
 (a) to (e)* } .02 if British Tonnage
 as corrected70 Provisionally

8'-9" } 12'-0" ÷ 2 = 72" Mean 36 (18.36)
 3'-3" } 51

Stem 5'-6" } 7'-0" ÷ 2 = 42" Mean
 Sternpost 1'-6" } ÷ .55 = 76.36

Sheer [Table, Para. 18] 34.8' Correction
 Difference..... 7.2 ÷ 4 = -1 3/4'

At front of bridge house.....
 At after end of forecastle

÷ 2 =
 Correction

ALLOWANCE FOR DECK ERECTIONS:—

Table C..... (9-6) - (3-1)	6 5/8
or Length, if required (Para. 12, 13, and 14)	+ 4
Table A corrected for sheer, and for length, if required (Para. 12, 13, and 14)	10 2 3/4
as below.....	3 5 3/4
	38.4%
	16"
or R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) or Deck Erections	1'-4"

Freeboard, Table A	9'-6"
Correction for Sheer	- 1 3/4"
Correction for Length	+ 8 3/4"
Allowance for Deck Erections	1-4 ✓
Correction for Round of Beam.....	8-9
Correction for fall in Sheer (if any).....	
3" Sheathing on Correction for Iron Deck (if required)	- 1/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	8-8 3/4
Other Corrections (if any)	
Winter Freeboard	8-8 3/4 ✓
Summer Freeboard	8-2 1/4 ✓
Indian Summer Freeboard	4-7 3/4 ✓
N. A. Winter Freeboard	

Length.	Length allowed.	Height.
70-9"	65.84	} 8.0
35-1"	14.54	
242-3	121.12	
26-5 1/2	13.23	
66-4 1/2	61.2	
440-11 = 92	278.96	
480	480	= .58

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

Winter Freeboard from deck line	8-10 1/2 ×
Summer " " "	8-3 3/4 ×
Indian Summer " " "	4-9 1/4 ×
N. A. Winter " " "	

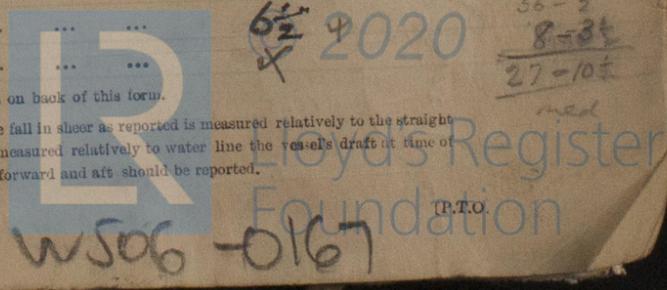
TABLE recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

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

8-3 1/2 ×	35-9 1/2
7 +	3
6 1/2 ×	1 1/2
6 1/2 ×	36-8
	8-3 1/2
	27-10 1/2

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

† 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 usual load draft forward and aft should be reported.



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

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck 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, Raised Quarter Deck, 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:—

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.													
COAMING	Height above top of DECK												
	Thickness	Sides.....											
		Ends.....											
SHIFTING BEAMS OR WEB PLATES	Number.....												
	Section and Scantlings.....												
	Material.....												
* FORE AND AFTERS	Number.....												
	Section and Scantlings.....												
	Material.....												
HATCHES	Thickness.....												
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.)

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.

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.

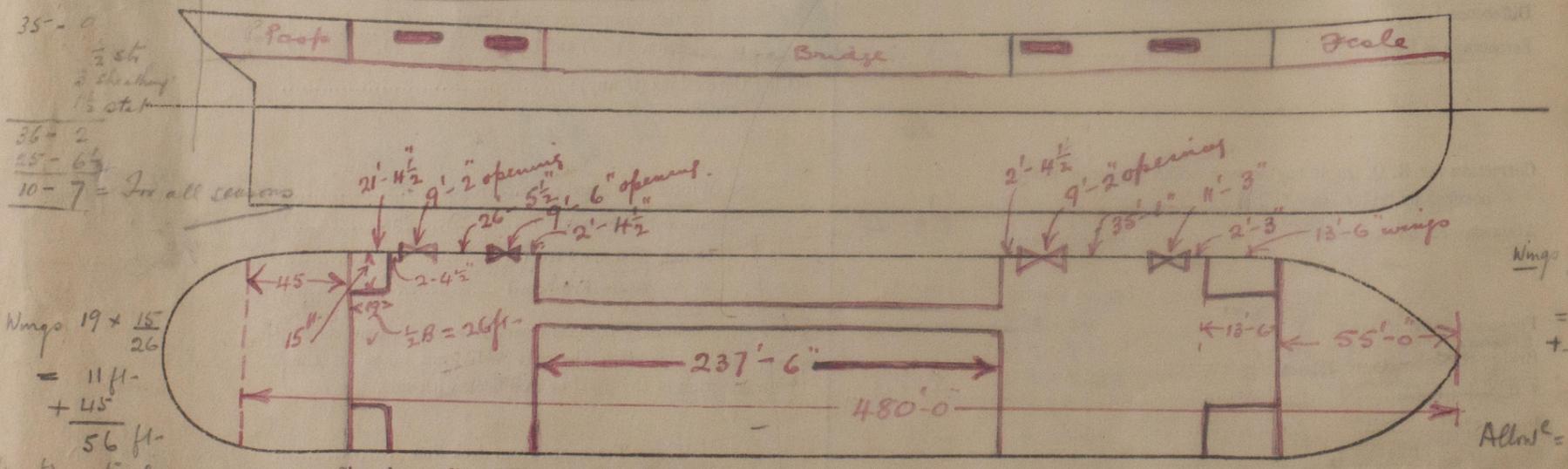
Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess = Sq. ft.

Mold Depth = 24'-9" = 27'-9 1/2" to Storage

Main Deck = 1'-9" below main deck

Moulded depth = 25'-6 1/2" to clear 6"



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

45-0
21-4 1/2
9-2
26-5 1/2
9-6
242-3
9-2
35-1
11-3
70-9
480-0 = L.W.L.

Owners
Address
Fee £

Received by me