

27582

TUE 16 MAR 1920

Index No. (For London Office only.)

Verification Report

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD - STEAM SHIPS.

No. ~~3777~~

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

Port of Survey Glasgow
Date of Survey while building
Name of Surveyor Geo M Shaw

Ship's Name. <u>RASET COAST</u>	Port of Registry and Nationality. <u>Liverpool British</u>	Official Number. <u>143620</u>	Gross Tonnage. <u>1353</u>	Date of Build. <u>1920</u>	Particulars of Classification. <u>+100A1 Contemplated</u>
Register Book <u>33580</u>					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
240.0	36.2	16.2	1092.71
239.8	35.95	16.44	1092.71

Moulded Depth as measured.....	18.6
Addition for Keel below base line for draught record.....	one inches. 1 3/4

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

Percentage of fineness..... 77 - 768
 Modification necessary { Cell D.B. 02
 Para. 4 (a) to (e)]*
 Percentage as corrected 75 ✓

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	239.8
Length in Table	222.0 ✓
Difference	17.8
Correction for 10ft., Table A.	1.1
Table C.	
× Difference divided by 10	1.95 (if required.)
If 1/10ths length covered divide by 297 - say 1 ✓

Stem..... 66 } 99 ÷ 2 = 49 1/2 Mean
 Sternpost ..33 }
 At 1/4 of the length from { Stem 37 1/4 } 53 1/2 ÷ 2 = 26 3/4 Mean
 Sternpost 16 1/4 }
 Forward mean Sheer 48.63 ✓
 Aft mean Sheer [Table, Para. 18] 33.98 ✓ Correction
 Difference..... 14.6 ÷ 4 = 3.66 ✓
 Limited as Para. 18 (f) 14.65 - 3 3/4 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	72
Thickness of usual wood deck, less stringer	3 1/2 - 3/2

In Sheer { At front of bridge house... Forest point
amidships {
 Para. 18 (e)] { At after end of forecastle ... of shear
 In Sheer } ÷ 2 =
 Para. 18 (d) }
 Deck uncovered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	36
Round of Beam	9
Normal round.....	9
Difference	÷ 2 = ✓
Proportion of Deck uncovered (Para. 19)	

NOTE - The round of beam should be reported on the full breadth of vessel at the gunwale.

ALLOWANCE FOR DECK ERECTIONS :-
 Freeboard, Table C..... 1 - 0 1/4
 Correction for Length, if required (Para. 12, 13, and 14)
 Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 3 - 0 3/4
 Difference 2 - 0 1/2
 Percentage as below..... 58 59.15
 14 1/4 14.49
 Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
 Allowance for Deck Erections 14 1/4 - 14 1/2

Freeboard, Table A	3 - 4 1/2 ✓
Correction for Sheer	3 3/4 ✓
Correction for Length	3 - 0 1/4 ✓
Allowance for Deck Erections	1 - 2 1/2 ✓
Correction for Round of Beam.....	1 11 1/2 ✓
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required)	1 - 1 1/2 3/2 ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any) R. Q. D.	4 - 0
Winter Freeboard	5 - 10 3/4 ✓
Summer Freeboard	5 - 7 1/2 ✓
Indian-Summer Freeboard	
N. A. Winter Freeboard	

Length.	Length allowed.	Height.
Forecastle..... 28.37 (see over)	28.34	7.0
Bridge House		
Raised Qr. Dk..... 67.08 closed	67.08	4.0
..... 79.08 closed	79.08	7.0
Total	173.00	7.278
Length of Ship	239.80	

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.

RAISED QUARTER

Winter Freeboard from deck line	5 - 11 1/2 9/4 ✓
Summer " " " "	5 - 8 1/2 6/2 ✓
Indian-Summer " " " "	
N. A. Winter " " " "	5 - 8 1/2 6/2 ✓

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

Fresh Water Line above centre of Disc	4
Indian-Summer Line " " "	2 1/2
Winter Line below " "	
Winter-North Atlantic Line " " "	

RAISED QUARTER (Iron) Deck :-

.....	5.6 1/2
.....	4
.....	2 1/2

Frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
 An allowance for deck erections under Para. 11 where the sheer drops abaft amidships should be taken from the level of the top of the amidship beam.
 The height of the R. Q. Dk. means the sheer measured at the stem and stern-post.
 In vessels having poops and forecastles, it means the sheer measured at points distant from the length of the vessel's length from stem and stern-post.

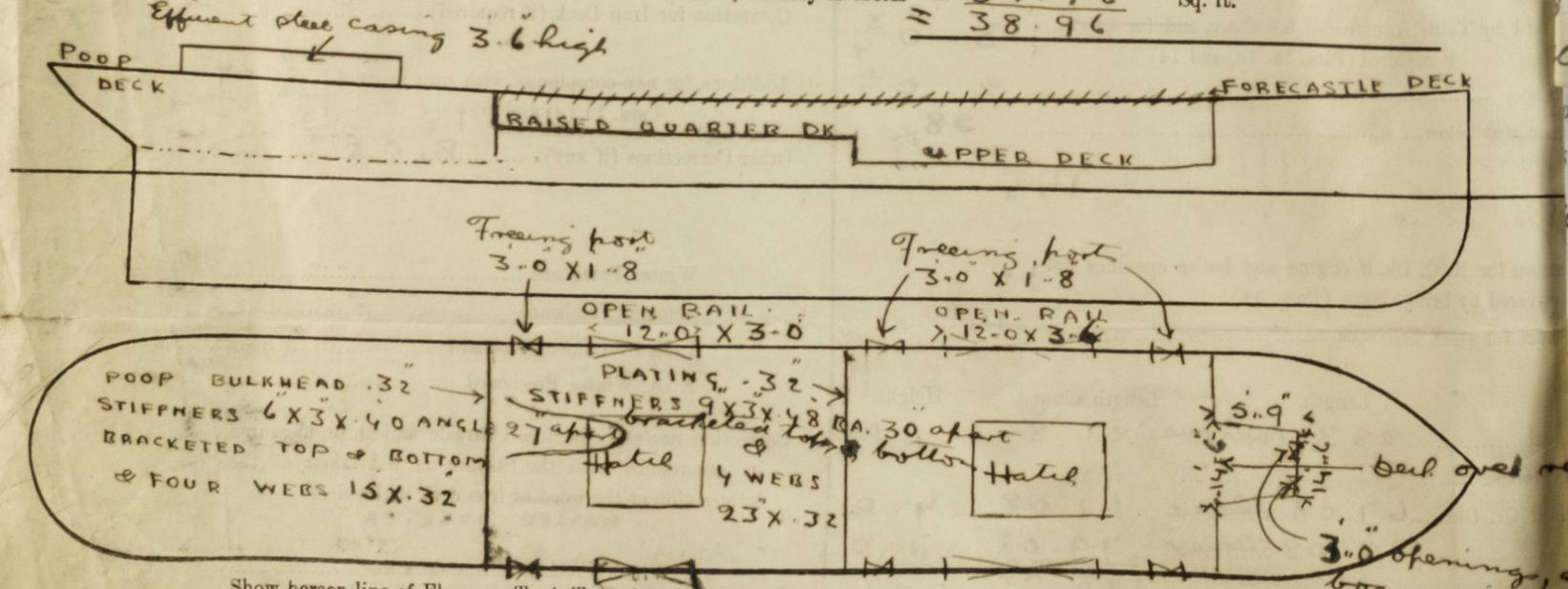
† State dimensions of freeing port area on back of this form.
 ‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *no* Forecastle? *yes*
 To what height do the Reverse Frames extend? *(Bull angle frames)*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes (See cases below)*
 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? *no* Has the Bridge House an efficient Bulkhead at the fore end? *no*
 Give particulars of the means for closing the openings in Bulkhead *no*
 What is the thickness of the Bridge Front plating? *no* and Coaming plate? *no*
 Give scantlings and spacing of the Stiffeners *no*
 Are bracket plates fitted at each end of the Stiffeners? *no* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *no*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *no*
 How are the openings closed? *no*
 Is the Forecastle at least as high as the main or top gullant rail? *yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *yes*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, 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? *no*
 Give thickness of plating; scantlings and spacing of Stiffeners *no*
 What is the height of the exposed Casings? *no* 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*

Position and Size.	U.D. 36.5 X 17.0		R.Q.D. 36.5 X 18.0							
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	30"							
	Thickness	Sides.....	.50	.50						
		Ends.....	.44	.44						
* SCUTTLES OR WEB PLATES.	Number	Seven	Seven							
	Section and Scantlings	<i>I 4x3x44</i>	<i>I 4x3x44</i>							
	Material	Steel	Steel							
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES	Thickness	3"	3"							
Remarks	Said fore & aft									

Bull angles fitted at sides * The depth of Fore and Afters should be stated from the underside of the hatches in all cases. *no*
 (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.)
no side lights or scuttles interfere with this assignment
 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? *no* Strake between Main and Bridge Sheerstrakes? *no*
 Delete the words { The Crew are, are not, berthed in the *Poop* bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory. *no*
 Length of Bulwarks in well = *65.27* ✓
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *13* ✓ Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *9.96* ✓ Sq. ft.
 3. 0 x 1. 66 x 2 } (each side of vessel) = *42.0* ✓ Sq. ft.
 OPEN RAIL 12. 0 x 3. 5 x 1 }
 Total deficiency or excess = *51.96* Sq. ft.
 = *38.96*



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 *A preliminary freeboard was assigned to this vessel on the 30th April, 1919. The draft of the vessel at present with machinery on board and nearly completed is, forward 13.0. The crew are berthed in the Poop.* Plans including section as built, also form enclosed.

Address _____
 Fee £ 3 : 3 : 0 Received by me *12/5/20 ABM*
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