

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.

Place of Survey Greenock.
Date of Survey while building
Name of Surveyor A.W.W. Rab.

Ship's Name. S.S. "JEHANGIR"
Port of Registry and Nationality.
Official Number. 147640
Date of Build. 1924
Particulars of Classification. 100 A.1. "with freeboard" (contemplated)

Registered Dimensions from Deck to Deck	LENGTH.	BREADTH.	DEPTH.	Height Deck to Poop
	<u>301.0</u>	<u>48.0</u>	<u>23.1</u>	<u>30.8</u>
Length on Loadline	<u>310.0</u>			
Corrected Dimensions	<u>309.0</u>	<u>47.68</u>	<u>23.63</u>	<u>30.869</u>

Moulded Depth as measured..... 25' 6"
Addition for Keel below base line of draught record..... 2 inches.

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.....	<u>349.0</u>
Length in Table	<u>306.0</u>
Difference	<u>43.0</u>
Correction for 10ft., Table A.	<u>1.3</u>
× Difference divided by 10	<u>5.59</u>
If 1/10ths length covered divide by 2	<u>+ 2.79</u>

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered	<u>3 1/2</u>
Thickness of usual wood deck, less stringer	<u>3 1/2</u>

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>47.75</u>
Round of Beam	<u>12</u>
Normal round.....	<u>12</u>
Difference	<u>✓ ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19)	<u>✓</u>

Co-efficient of fineness..... .772
Any modification necessary [Para. 4 (a) to (e)]* -.02 for cellular double bottom.
Co-efficient as corrected

Sheer { Stem..... 7 1/2 } 109 1/2 ÷ 2 = 54.75 Mean
at { Sternpost ... 38 }
Sheer at 1/2 of the length from { Stem 42 1/2 } 62 1/2 ÷ 2 = 31.25 Mean
{ Sternpost 20 }
Gradual mean Sheer 54.75 + 31.25 = 86.00 ÷ 2 = 42.50
Standard mean Sheer [Table, Para. 18]

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>2' 8 3/4</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>✓</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>5' 5 1/4</u>
Difference	<u>2' 8 1/2</u>
Percentage as below.....	<u>65.80</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>✓</u>
Allowance for Deck Erections	<u>1' 9 1/2</u>

	Length.	Length allowed.	Height.
Forecastle.....	<u>49.0</u>	<u>46.31</u>	<u>7' 6"</u>
Bridge House <u>204.04 + 5.88 + 3.2</u>	<u>210.01</u>		
† Raised Qr. Dk.....			
Poop.....	<u>31.96 + 15.0</u>	<u>43.14</u>	
Total	<u>299.46</u>		
Length of Ship	<u>349.00</u>		<u>85.80</u>
Corresponding percentage (Para. N, 12, 13, or 14)	<u>65.80</u>		

Freeboard, Table A	<u>5' 8"</u>
Correction for Sheer	<u>- 2 3/4</u>
Correction for Length	<u>5' 5 1/4</u>
Allowance for Deck Erections	<u>5' 8"</u>
Correction for Round of Beam.....	<u>- 1' 9 1/2</u>
Correction for fall in Sheer (if any).....	<u>3' 10 1/2</u>
Correction for Iron Deck (if required)	<u>3' 7"</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>✓</u>
Other Corrections (if any)	<u>✓</u>
Winter Freeboard	<u>3' 7"</u>
Summer Freeboard <u>(3 1/2 - 5)</u> <u>4 3/4</u>	<u>3' 2 1/4</u>
Indian Summer Freeboard	<u>2' 9 1/2</u>
N. A. Winter Freeboard	<u>✓</u>

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

Winter Freeboard from deck line	<u>3' 8 3/4</u>
Summer " " " "	<u>3' 3 3/4</u>
Indian Summer " " " "	<u>2' 10 3/4 11/4</u>
N. A. Winter " " " "	<u>✓</u>

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

Fresh Water Line above centre of Disc	<u>3' 4"</u>
Indian Summer Line " " " "	<u>5 1/2</u>
Winter Line below " " " "	<u>5</u>
Winter North Atlantic Line " " " "	<u>4 1/2</u>

25 APR 1924
Two additional marks are to be placed on the ship's sides in accordance with the sketch attached of 1 1/2 - 3/4 and 1 1/2 - 3/4 (moulded), respectively.
Copy to B.T. 24.4.24

003018-003022-0051

MARKING FORM 020 RECEIVED MAY 1924

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Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? Bridge House? *as per approved plans* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Bull angle framing*
 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? *shade deck* Has the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *steel doors*
 What is the thickness of the Bridge Front plating? *30* and Coaming plate? *30*
 Give scantlings and spacing of the Stiffeners *4 1/2 x 3 x 34 angles spaced 26 and 33*
 Are bracket plates fitted at each end of the Stiffeners? *no* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *by storm boards full depth fitted into channels riveted to bulkheads*
 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? *yes*
 Are the Engine and Boiler openings covered by a ^{SUPER. STRUCTURE.} 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?
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? Are suitable means provided for closing an 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. 18' 0" x 14' 0"		No 2 13. 19' 8" x 14' 0"		No 4. 17' 2 1/2" x 14' 0"		Hatch on boat deck. 7' 4 1/2" x 14' 0"				
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	30	30	30	30	30	30				
	Thickness	Sides	44	44	44	44	44				
		Ends	44	44	44	44	44				
SHIFTING BEAMS OR WEB PLATES.	Number	3	3	3	3	1					
	Section and Scantlings	14-7 1/2 x 30	14-7 1/2 x 30	14-7 1/2 x 30	14-7 1/2 x 30	14-7 1/2 x 30					
	Material	3 x 3 x 42	3 x 3 x 42	3 x 3 x 42	3 x 3 x 42	3 x 3 x 42					
* FORE AND AFTERS.	Number										
	Section and Scantlings	✓	✓	✓	✓	✓					
	Material										
HATCHES Thickness	3"	3"	3"	3"	3"	3"					
Remarks	<i>Solid.</i>										

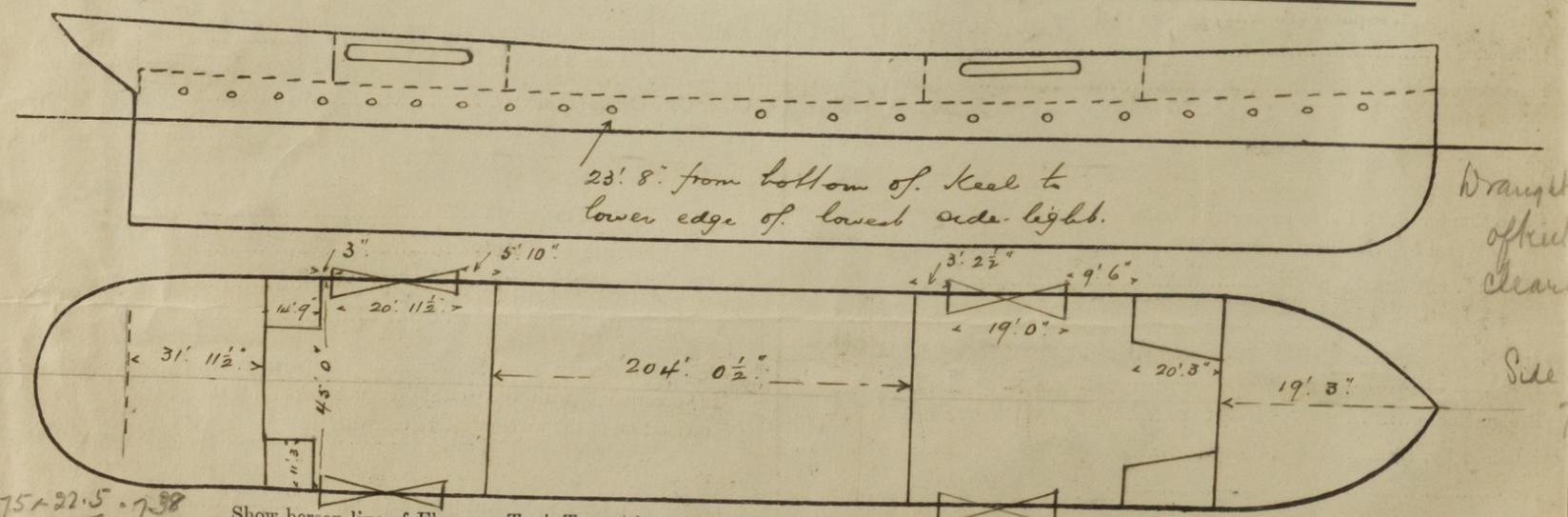
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge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

 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. *Please see Gok fbd rpt No 18050 & Decy's lett*
 Builder's name and yard number *Lithgow's Ltd. No 755.*
 Names of sister vessels
 Owners *Approved midship Section & Profile Plans are enclosed for a freeboard request is also enclosed!*

Address _____
 Gross tonnage not yet received
 Fee £ will be charged on 1st Entry report.
 Received by me *See F. L. Rpt.*