

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD-STEAM SHIPS.

THU. SEP. 14 1922

Index No. 30622

(For London Office only.)

RETAI

RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
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.

Port of Survey NEWCASTLE-ON-TYNE

Date of Survey 13 Sept. 1922

Name of Surveyor G. D. Aitken

Ship's Name BRITISH GUNNER

Port of Registry and Nationality.

London

Official Number.

146639

Gross Tonnage.

6888

Date of Build.

1922

Particulars of Classification.

4100 B1. Carrying petroleum in bulk. Long framing continuous

Number in Register Book 55271

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	440.0	57.0	33.7	6367.68
Length on LOADLINE.	439.23	mean Frame Depth $7\frac{1}{2}$ Rule $\frac{7}{28}$ = -37. $\frac{1}{2}$ Sheer +35	Ceiling +20 Sheer +.63	Peak } incl Tanks } DB. ER 114.0
CORRECTED DIMENSIONS.	439.23	56.96	34.53	6481.68

Co-efficient of fineness..... .75
Any modification necessary [Para. 4 (a) to (e)]* +.01 for bottom Long.
Co-efficient as corrected76

Sheer { Stem.....8-9 1/2 }
at { Sternpost...4-0 1/2 }
Sheer at 1/2 of the length from { Stem 5-5 1/2 }
Sternpost 1-7 }
Gradual mean Sheer 76.81
Standard mean Sheer [Table, Para. 18] 53.92
Difference..... 22.89
§ If limited as Para. 18 (f) -5 3/4

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

Fall in Sheer { 2 1/2" at 49 ft. aft of midships
Para. 18 (d) }
Length uncovered
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 5-11 3/4
Correction for Length, if required (Para. 12, 13, and 14) + 2 1/2
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 9-1 1/4
Difference 2-11
Percentage as below..... 28.25%
9.9

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections -10"

	Length.	Length allowed.	Height.
Forecastle.....	48-10 3/4	49.33	8-0
Bridge House.....	32-0	33.50	7-6
+ Raised Qr. Dk.....	113-3	113.25	7-6 1/2
Poop.....		196.08	
Total		439.23	44.64

Length of Ship
Corresponding percentage {
(Para. 11, 12, 13, and 14) } 28.25%

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	"	...

Moulded Depth as measured..... 33-11
Addition for Keel below base line for draught record..... 2 1/2 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 439.23
Length in Table 407.00
Difference 32.23
Correction for 10ft., Table A. 1.7
Table C. 8
× Difference divided by 10 5.47 (if required.) 2.57
If 1/10ths length covered divide by 2 5 1/2 2 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 1/4
Thickness of usual wood deck, less stringer 3 1/2
= 1 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 5-6
Round of Beam 14
Normal round..... 14
Difference 1 ÷ 2 =
Proportion of Deck uncovered (Para. 19) nil

Freeboard, Table A 9-1 1/2
Correction for Sheer - 5 3/4
Correction for Length + 5 1/2
Allowance for Deck Erections - 10
Correction for Round of Beam.....

Correction for fall in Sheer (if any)..... + 1/2
Correction for Iron Deck (if required) - 8-3 3/4
Additions for non-compliance with provisions of Para. 11 (d) and (e)
Other Corrections (if any)

Winter Freeboard 8-2 1/4
Summer Freeboard 7-8
Indian Summer Freeboard 7-1 3/4
N. A. Winter Freeboard

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 3/4

Winter Freeboard from deck line 8-4
Summer " " " " 7-9 3/4
Indian Summer " " " " 7-3 1/2
N. A. Winter " " " "

Transverse skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
+ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height to the R.Q.D. is to be taken from the level of the top of the amidship beam.
+ In flush-decked vessels the standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles it means the sheer measured at points distant 1/10th of the vessel's length from stem and sternpost.

+ 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.

RECEIVED

14 FEB 1929

7. W.

19550 7.36 7 1/2

21.9.22

Lloyd's Register MARKING REPORT

Do all the Frames extend to the top height in the Poop? *yes* - Raised Quarter Deck? *yes* - Bridge House? *yes* - Forecastle? *yes*
 To what height do the Reverse Frames extend? *Longitudinal 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 *Wash Boards full height in riveted channels*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* - Has the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *Hinged steel w.t. doors*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *7x3 1/2 x 50 angles spaced 30" apart*
 Are bracket plates fitted at each end of the Stiffeners? *lugged to bottom* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *yes*
 How are the openings closed? *2 hinged steel w.t. doors. 1 opening wash boards full height in riveted channels*
 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 Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Poop*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*
 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? *yes*

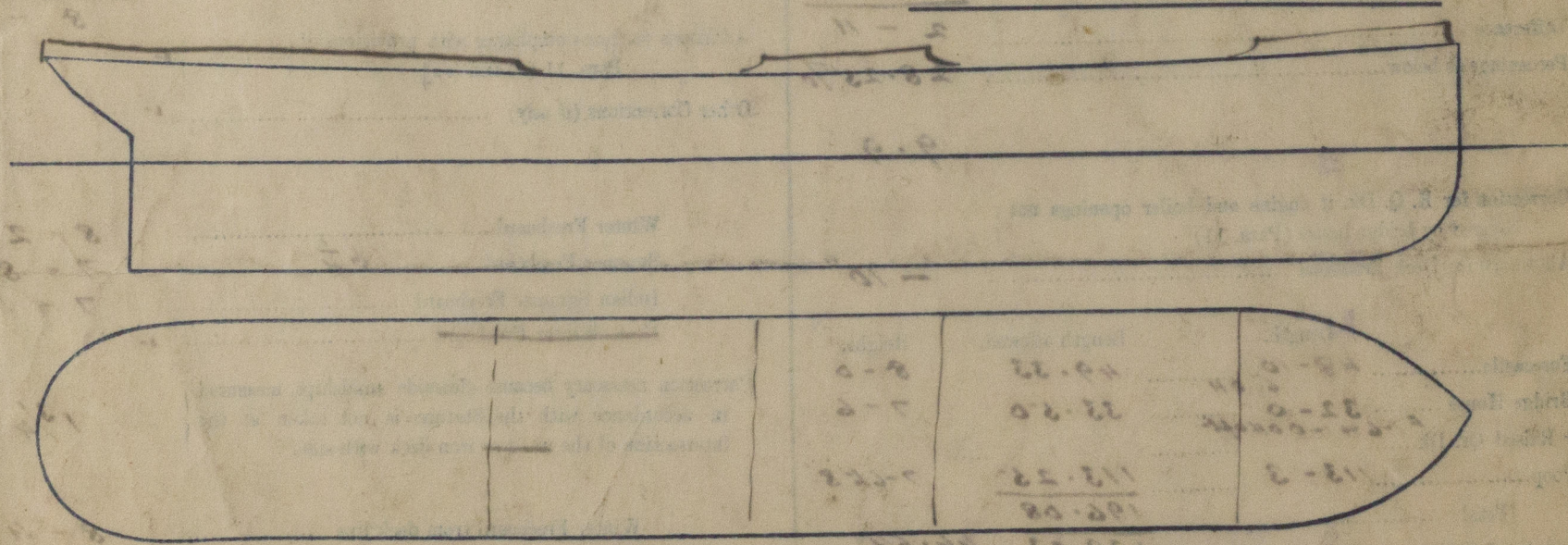
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—											yes	
Position and Size.		N ^o 1: 8-9 x 12-0										
	Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	30		all tight latches 50" high, 44 coaming, to summer tanks and 40" bulk angles to holds. with steel plate covers .60 thick.								
	Thickness	Sides.....	44									
		Ends.....	44									
SHIFTING BEAMS OR WEB PLATES.	Number	one										
	Section and Scantlings	15-3 1/2 x 3 1/2 x 40										
	Material	6x3 1/2 x 50 OA steel										
* FORE AND AFTERS.	Number											
	Section and Scantlings											
	Material											
HATCHES Thickness		2 1/2										
Remarks.....												

* 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			

 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 *Sister to British Grenadier Reft N^o 75368. Request forms later. Dup. plans in London.*

Owners *British Tankers Co.*
 Address *✓*

Fee £ 12 - 0 - 0
 Received by me
To be collected with entry