

TUE. MAY. 29 1923

Index No. **30926**
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. **1116H**PARTICULARS RELATING TO ALL STEAM SHIPS ~~OTHER~~ FLUSH DECKED, ~~OR~~ WITH
TALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
WITH TALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISEPort of Survey Bristol
Date of Survey May 26 1923.
Name of Surveyor John W. Eugene.Ship's Name GRESHAMPort of Registry
and Nationality.Official
Number.Gross
Tonnage.

Date of Build.

Particulars of Classification.

Number in Register Book

London
British

147545

257789

1923

+100A1 with futrid
(contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	297.8	43.65	21.55	2296.92
Length on LOADLINE.	295.5	Frame Depth $8\frac{3}{4}$ Rule " 5 -54 $\frac{3}{4}$ Spring fitted	Ceiling $2\frac{1}{2}$ fitted Sheer 4.59 21.75 to T.T. Level tank	Peak FP18.87 Tanks AP20.72
CORRECTED DIMENSIONS.	295.5	43.11	22.84	2296.92

Co-efficient of fineness..... 80.80 806
Any modification necessary }
[Para. 4 (a) to (e)]* }
Co-efficient as corrected 78.78

Sheer { Stem..... $6' 11\frac{1}{2}$ }
at { Sternpost $3' 10$ } $\div 2 = 5' 4\frac{3}{4}$ Mean $36/21.36$
 59

Sheer at $\frac{1}{3}$ of the length from { Stem $3' 9$ }
Sternpost $18' 10$ } $\div 2 = 3' 9\frac{1}{2}$ Mean 33.5
 $55 = 60.91$

Gradual mean Sheer 60.91

Standard mean Sheer [Table, Para. 18] 39.55 Correction
Difference..... $21.36 \div 4 = 5.34$

§ If limited as Para. 18 (f) $-5\frac{1}{4}$

Rise in Sheer { At front of bridge house.....
from amidships }
[Para. 18 (e)] { At after end of forecastleFall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... $2' 4\frac{1}{4}$

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) } $4' 9\frac{1}{2}$

Difference $2' 5\frac{1}{4}$

Percentage as below..... 93.6 94.2%
 $8-3\frac{1}{2}$ $4-3$

Correction for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) } $-2' 3\frac{1}{2}$

Allowance for Deck Erections 26.85
 27.38

	Length.	Length allowed.	Height.
Forecastle.....	$25' 6$ $240'$	240.0	$7' 8' 0$
Bridge House.....	$4' 3$		
Donkey (Hemg)			
Raised Q. Dk.	$43' 9$ $51' 3$	47.12 51.12	$7' 6' 8' 0$
Poop.....			
Total	295.5	297.12	
Length of Ship	295.5	297.12	
Corresponding percentage {	93.6%	94.2%	
(Para. 11, 12, 13, or 14) }		295.5	

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... $24' 0\frac{1}{2}$
Addition for Keel below base line
for draught record... $1\frac{1}{4}$ 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..... 295.5

Length in Table 288.5

Difference 7.0

Correction for 10ft., Table A. 1.3 Table C. ✓

× Difference divided by 10 $.91$ (if required.)

If $\frac{1}{10}$ ths length covered divide by 2 $.45$ $+1\frac{1}{2}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered ✓

Thickness of usual wood deck, less stringer $3\frac{1}{2}$ $-3\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships... $42' 0$

Round of Beam 11

Normal round..... $10' 5$

Difference 5 $\div 2 =$ $.25$

Proportion of Deck uncovered (Para. 19) 25 ✓

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

Freeboard, Table A $5' 2\frac{3}{4}$

Correction for Sheer $-5\frac{1}{4}$

Correction for Length $+1\frac{1}{2}$

Allowance for Deck Erections $2' 3\frac{1}{2}$

Correction for Round of Beam..... ✓

Correction for fall in Sheer (if any)..... ✓

Correction for Iron Deck (if required) $-3\frac{1}{2}$

Additions for non-compliance with provisions of }
Para. 11 (a) and (e) † } $2' 3$

Other Corrections (if any)

Winter Freeboard $2' 3$

Summer Freeboard $1' 10\frac{1}{2}$

Indian Summer Freeboard $1' 6$

N. A. Winter Freeboard $2' 5$

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.

Winter Freeboard from deck line	2' 4 $\frac{3}{4}$
Summer " " " "	2' 0 $\frac{1}{4}$
Indian Summer " " " "	1' 4 $\frac{3}{4}$
N. A. Winter " " " "	2' 6 $\frac{3}{4}$
Steel	
2' 0	
5 $\frac{1}{3}$	
4 $\frac{1}{2}$	
4 $\frac{1}{2}$	
6 $\frac{1}{2}$	

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside
of ceiling should be reported if possible.† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amid-
ships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-
post. In vessels having poops and forecastles, it means the sheer measured at points distant
one-eighth 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.MARKING FORM
8 JUL 1929
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20 SEP 1923
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013397-013402-0033

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

To what height do the Reverse Frames extend? ☒

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 *Hinged iron door*

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 *No openings*

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? *Yes*

How are the openings closed? *Weather boards in riveted channels to full depth*

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? *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 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:—

Position and Size.	N ^o 1 18'x16'	N ^o 2 24'8"x16'	N ^o 3 24'8"x16'	N ^o 4 24'8"x16'	N ^o 5 24'8"x16'	Trunnion
Item.	Ship. Rule.	Ship. Rule.	Ship. Rule.	Ship. Rule.	Ship. Rule.	
COAMING. Height above top of DECK	2'9" sides 3'6" centre	2'9" sides 3'6" centre	2'9" sides 3'6" centre	2'9" sides 3'6" centre	2'9" sides 3'6" centre	1'0"
Thickness { Sides..... Ends.....	44	44	44	44	44	
SHIFTING BEAMS OR WEB PLATES. Number	3	4	4	4	4	
Section and Scantlings	3" angle 3/4" x 3/4" x 1/2"	4" depth 7/8" x 1/2" x 1/2"	4" depth 7/8" x 1/2" x 1/2"	Same as 3	Same as 3	
Material	Steel	Steel	Steel	Steel	Steel	
* FORE AND AFTERS. Number						
Section and Scantlings						
Material						
HATCHES Thickness	3"	3"	3"	3"	3"	3"
Remarks.....	Work	Work	Work	Work	Work	

* 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.

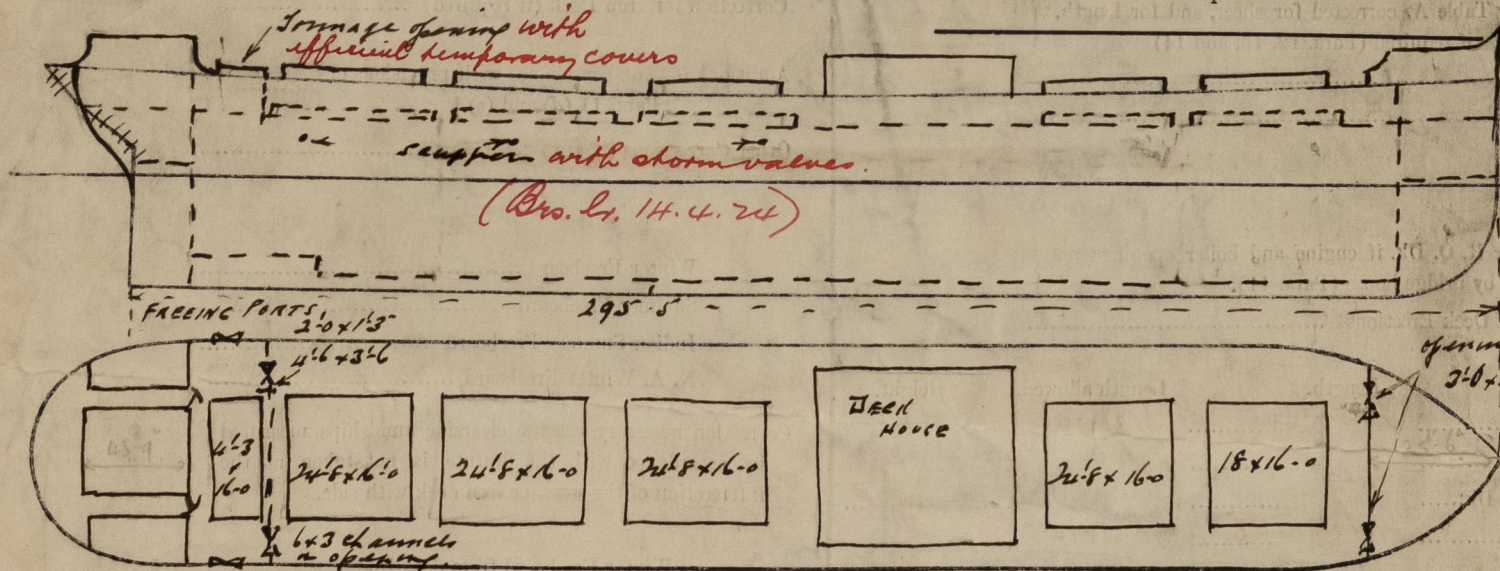
Ft. Tenths. Ft. Tenths. No.

Freeing Ports
(each side of vessel) =

Sq. ft.

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

Owners

Address

Fee £

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