

## Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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

Port of Survey SunderlandDate of Survey 2.9.22Name of Surveyor H.S. Leathard

Ship's Name

Gate CastlePort of Registry  
and Nationality.London  
BritishOfficial  
Number.146633Gross  
Tonnage.7634.17

Date of Build.

1922

Particulars of Classification.

+100 A.I. Shelter Deck with  
freeboard (contemplated).

LENGTH.

425.5

BREADTH.

56.35

DEPTH.

36.45UNDER DECK  
TONNAGE.7032.39Moulded Depth as measured..... 38'-7 1/2"Addition for Keel below base line  
for draught record..... inches.NOTE.—If the  
depth is measured  
when vessel is  
afloat, the details  
of measurement  
should be reported.

424.75

Mean  
Frame Depth 9  
Rule " 7Ceiling fitted  
Sheer +1.05Peak  
Tanks } Incl

-33

Hank falls 4"

= +.16

424.7556.0237.667032.39

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 424.75Length in Table ..... 463.5Difference ..... 38.75Correction for 10ft., Table A. .... 1.7

Table C. '8.

× Difference divided by 10 ..... 6.59

(if required.) 3.1

If 10ths length covered divide by 2 ..... 6 1/2

-3

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... .412Thickness of usual wood deck, less stringer ..... 3 1/2 - 1 1/2"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 55.0Round of Beam ..... 17 1/2Normal round..... 13 3/4Difference ..... 3 3/4 ÷ 2 = 1 7/8"Proportion of Deck uncovered (Para. 19) ..... .588

1.1

NOTE.—The  
round of beam  
should be reported  
on the full  
breadth of vessel  
at the gunwale.Freeboard, Table A ..... 11'-0"Correction for Sheer ..... 9 1/2Correction for Length ..... 10-2 1/2Allowance for Deck Erections ..... 6 1/2Correction for Round of Beam..... 9-8Correction for fall in Sheer (if any)..... 6 1/4Correction for Iron Deck (if required) ..... 9-1 3/4Additions for non-compliance with provisions of  
Para. 11 (a) and (e) † ..... 1Other Corrections (if any) ..... 9-0 3/4Correction for fall in Sheer (if any)..... 1 1/2Correction for Iron Deck (if required) ..... 8-11 1/4Additions for non-compliance with provisions of  
Para. 11 (a) and (e) † ..... 1Other Corrections (if any) ..... 8-11 1/4"Winter Freeboard ..... 8-3 3/4Summer Freeboard ..... 7-8 1/4Indian Summer Freeboard ..... 7-8 1/4N.A. Winter Freeboard ..... 7-8 1/4Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the wood or iron deck with side. 2 1/4"Winter Freeboard from deck line ..... 9-1 1/2Summer " " " ..... 8-6Indian Summer " " " ..... 7-10 1/2N.A. Winter " " " ..... 8-6Steel Shelter " " " ..... 8 1/4Fresh Water Line above centre of Disc ..... 7 1/2Indian Summer Line " " " ..... 7 1/2Winter Line below " " " ..... 7 1/2Winter North Atlantic Line " " " ..... 7 1/2

## ALLOWANCE FOR DECK ERECTIONS:—

Table C..... 11'-0" less 3'-2"Length, if required (Para. 12, 13, and 14) ..... 7'-10"Table A, corrected for sheer, and for length, } 7-7if required (Para. 12, 13, and 14) } 9-8below ..... 2-1below ..... 24.72%below ..... 6.18below ..... 6 1/4R. Q. Dk. if engine and boiler openings not } 6 1/4by bridge house (Para. 11) } 6 1/4Deck Erections ..... 6 1/4

Length.

45

Length allowed.

45

Height.

8'-0"1301308'-6"

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

Dk..... ✓

skin planking, or ceiling are of unusual thickness the breadth of vessel to inside  
should be reported if possible.  
An allowance for deck erections under Para. 11 where the sheer drops abate amid-  
ships at the R.Q.D. is to be taken from the level of the top of the amidship beam.  
The total standard mean sheer means the sheer measured at the stem and stern-  
post, the bridge house, and forecastles. It means the sheer measured at points distant  
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.

W516-0275

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Lloyd's Register  
MARITIME REPORT  
FOUNDA



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.		Ship.		Rule.	
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.....																	

\* 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

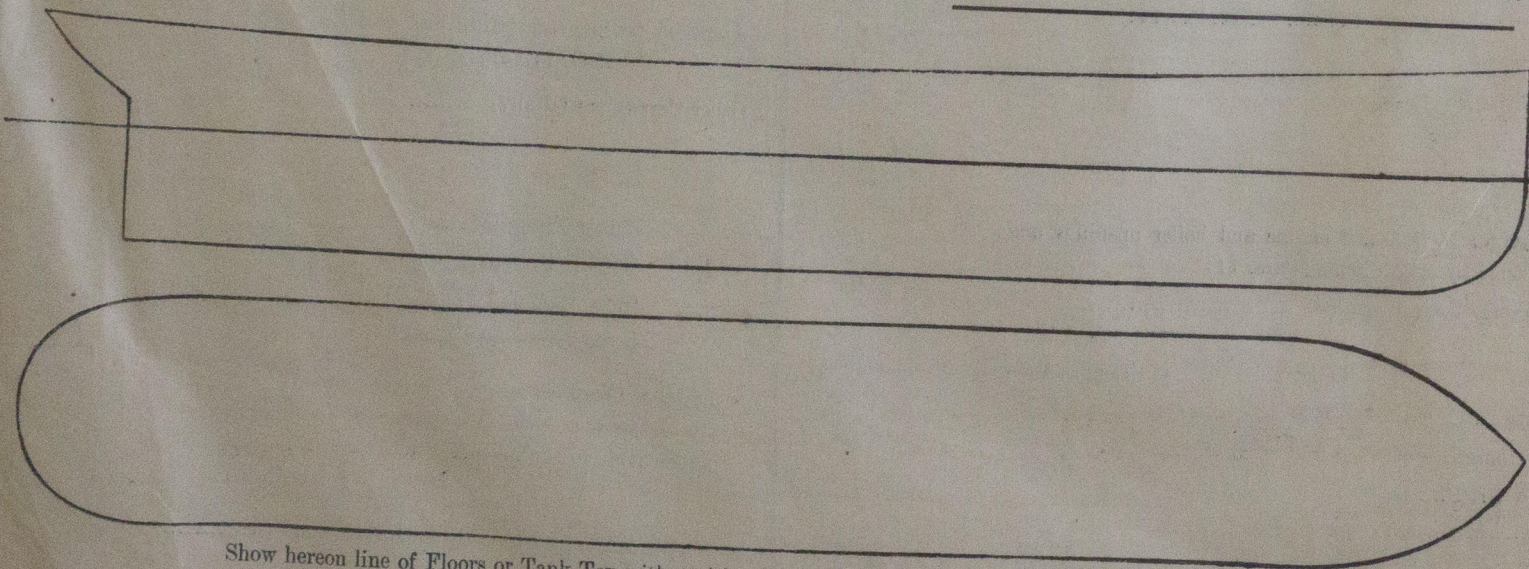
} The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel

Ft.	Tenths.	Ft.	Tenths.	No.		Sq. ft.
x		x			Freeing Ports (each side of vessel)	
x		x				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

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £

Received by me



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