

TUE. JUN. 17 1924

Index No. 31318  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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 Bristol  
Date of Survey 16-6-24  
Name of Surveyor R. H. Boomer

James Towers (Shipbuilding) 605 No 180.

Ship's Name Dorset Coast Port of Registry Liverpool Official Number 147272 Gross Tonnage - Date of Build 1924 Particulars of Classification +100A1  
Number in Register Book British

	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
As measured from register.	<u>150.6</u>	<u>24.4</u>	<u>11.1</u>	<u>336.18</u>
As measured on LOADLINE.	<u>150.0</u>	<u>24.81</u>	<u>11.67</u>	<u>336.18</u>
CORRECTED DIMENSIONS.	<u>150.0</u>	<u>24.81</u>	<u>11.67</u>	<u>336.18</u>

Moulded Depth as measured 12'-0 1/4"

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

Addition for Keel below base line for draught record .52 inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline 150'-0"  
Length in Table 144.25  
Difference 5.75  
Correction for 10ft., Table A. .9 Table C. ✓  
× Difference divided by 10 .52 (if required.)  
If 1/10th length covered divide by 2 .26 + 1/4"

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10th length covered ✓  
Thickness of usual wood deck, less stringer 2 1/2"

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 25'-0 1/2"  
Round of Beam 6"  
Normal round 6.25  
Difference .25 ÷ 2 = .12  
Proportion of Deck uncovered (Para. 19) .216

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

Co-efficient of fineness .77  
Any modification necessary {  
[Para. 4 (a) to (e)]\* ✓  
Co-efficient as corrected .77

Sheer at Stem 43 5/8" 77.12 ÷ 2 = 38.56 Mean 36 1/2"  
at Sternpost 31 1/2" 63.4  
Sheer at 1/2 of the length from Stem 25 7/8" 38.12 ÷ 2 = 19.06 Mean 19.06  
Sternpost 60 1/4" 12.4 ÷ 55 = 34.65  
Gradual mean Sheer 34.65  
Standard mean Sheer [Table, Para. 18] 25.00 Correction 9.65 ÷ 4 = 2.41  
Difference 2.41  
§ If limited as Para. 18 (f) -2 1/2"

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

Fall in Sheer {  
Para. 18 (d) ÷ 2 = ✓  
Length uncovered ✓ Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 0'-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) 1-7  
Difference 1-3  
Percentage as below 67.6%  
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) + .20  
Allowance for Deck Erections 9.94  
-10"

	Length.	Length allowed.	Height.
Forecastle	<u>22'-2 1/2"</u>	<u>22.20</u>	<u>6'-6"</u>
Bridge House	<u>8'-11 1/2"</u>	<u>8.96</u>	<u>6'-6"</u>
† Raised Qr. Dk.	<u>86'-5 3/4"</u>	<u>86.48</u>	<u>4'-0"</u>
Poop	<u>117'-7 3/4"</u>	<u>117.65</u>	<u>784</u>
Total	<u>150</u>	<u>150</u>	<u>784</u>

Corresponding percentage {  
(Para. 11, 12, 13, or 14) 67.6%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Steel Raised Quarter

Fresh Water Line above centre of Disc 3"  
Indian Summer Line 1 1/2"  
Winter Line below 1 1/2"  
Winter North Atlantic Line 1 1/2"

20 JUN 1924

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 amidships the height of the R.Q.D. is to be taken from the level of the top of the amidships 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

MARKING FORM

RECEIVED

005480-005488-0182

© 2020

Lloyd's Register

FOUNDATION



Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? No Forecastle? No  
 To what height do the Reverse Frames extend? Yes  
 Has the ~~Poop~~ 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~~ Raised Quarter Deck connected with the Bridge House? Yes Has the Bridge House an efficient Bulkhead at the fore end? No Openings  
 Give particulars of the means for closing the openings in Bulkhead No Openings  
 What is the thickness of the Bridge Front plating? .26 and Coaming plate? .30  
 Give scantlings and spacing of the Stiffeners 5 1/2 x 3 x 36 BULB ANGLE SPACES 2' 6" APART  
 Are bracket plates fitted at each end of the Stiffeners? YES 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? NO OPENINGS  
 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? IRON  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? STEEL DECK HOUSE

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 COAMINGS .30 SIDE & END PLATING .25 ANGLED STIFFERS 3 x 3 1/2 x 25 SPACES 30" APART  
 What is the height of the exposed Casings? 6' 9" 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.		Fore Hatch on Main Deck		Main Hatch on R.Q.D.							
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of DECK		2' 9"	2' 9"	2' 9"	2' 9"						
Thickness	Sides	.44	.44	.44	.44						
	Ends	.44	.44	.44	.44						
SEIFTING LEAMS OR WEB PLATES	Number	4	4	4	4						
	Section and Scantlings	7" PLATES 12" x 9" 1/2	Ditto	7" PLATES 12" x 9" 1/2	Ditto						
	Material	STEEL		STEEL							
FORE AND AFTERS	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2"	2 1/2"	2 1/2"	2 1/2"						
Remarks											

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

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? .26 Strake between Main and Bridge Sheerstrakes? .32

Delete the words } The Crew are, are not, berthed in the bridge house.

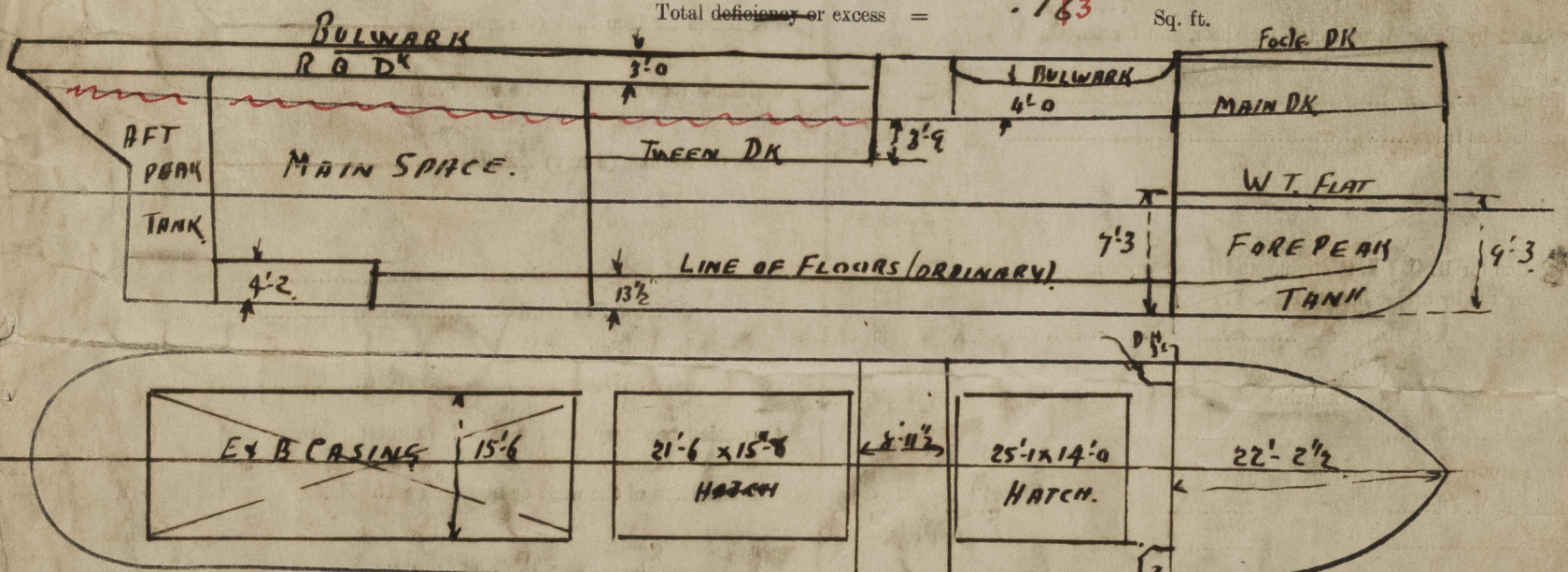
that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well 32' 3" 32' 35"

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 9.70 Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = 9.86 Sq. ft.

Total deficiency or excess = .163 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

Per 1

Received by me

Signature



© 2020

Lloyd's Register Foundation