

Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

24209

7507

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.

Port of Survey *Belfast*Date of Survey *While building*Name of Surveyor *J.M. Hume*Ship's Name.
S.S. PEMBROKESHIRE

Port of Registry and Nationality.

Belfast

Official Number.

136349

Gross Tonnage.

7821

Date of Build.

1915

Particulars of Classification.

*100 A.1. Contemplated*Number in Register Book *355th*

Registered dimensions from ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<i>470' 25"</i>	<i>58' 37"</i>	<i>32' 24"</i>	<i>7245.63</i>

Length on LOADLINE	Frame Depth	Rule	Peak Tanks
<i>469' 5"</i>	<i>9'</i>	<i>7</i>	<i>✓</i>

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
<i>469' 5"</i>	<i>58' 12"</i>	<i>33' 10"</i>	<i>7245.63</i>

coefficient of fineness *.808*
modification necessary } *See Able Bot - .02*
Para. 4 (a) to (e) *]
coefficient as corrected *.788*

Stem... *106"* } *160" ÷ 2 = 80"* ... Mean
Sternpost... *54"*

at $\frac{1}{2}$ of the length from { Stem *58 1/4"* } *88 3/4" ÷ 2 = 44 3/8"* ... Mean
Sternpost *30 1/2"* } *÷ .55 = 80.68*

normal mean Sheer *Allowed 80' 34" 80.67*
normal mean Sheer (Table, Para. 18) *56.95* Correction
Difference... *23.39* *23.72 ÷ 4 = 5 3/4*
limited as Para. 18 (f).....

in Sheer { At front of bridge house.....
amidships {
Para. 18 (e) } At after end of forecastle

in sheer } $\div 2 =$
Para. 18 (d) }
uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

board, Table C..... *9' 8 1/4" 3.3* = *6.5 1/2*
allowance for Length, if required (Para. 12, 13, and 14)
board by Table A, corrected for sheer, and for length, } *9' 2 3/4"*
if required (Para. 12, 13, and 14) }
ence *2' 9 1/4"*
age as below..... *51.9%*

tion for R. Q. Dk. if engine and boiler openings not }
covered by bridge house (Para. 11) }
ance for Deck Erections *1' 5 1/4"*

	Length.	Length allowed.	Height.
stle.....	<i>78' 6"</i>	<i>75' 3"</i>	<i>7' 9" mean</i>
House	<i>171' 0"</i>	<i>165' 0"</i>	<i>8' 0"</i>
ed Qr. Dk.....	<i>99' 0"</i>	<i>97' 8"</i>	<i>7' 9"</i>
Total	<i>348' 6"</i>	<i>337' 8"</i>	<i>71.9%</i>
n of Ship	<i>469' 5"</i>	<i>469' 5"</i>	
ponding percentage			
n. 11, 12, 13, or 14) }			<i>51.9%</i>

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	"	"

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported, if possible.
If vessels containing 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 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.

Moulded Depth as measured..... *35' 0"*

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..... *469' 5"*
Length in Table *420' 0"*
Difference *49' 5"*
Correction for 10ft., Table A. *1' 7"* Table C.
× Difference divided by 10 *8' 4"* (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 *4' 2"* + *4' 4"*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer..... *3 1/2"*
2 1/2" wood deck fitted in Bridge = -1"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *57' 5"*
Round of Beam..... *14 1/2"*
Normal round *14 1/2"*
Difference $\div 2 =$
Proportion of Deck uncovered (Para. 19)

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

Freeboard, Table A *9' 8 1/4"*
Correction for Sheer *8' 5 1/4"*
Correction for Length *9' 2 3/4"*
Allowance for Deck Erections *4 1/4"*
Correction for Round of Beam..... *9' 6 3/4"*
Correction for fall in Sheer (if any) *1' 5 1/4"*
Correction for Iron Deck (if required) *8' 1' 3/4"*
Additions for non-compliance with provisions of }
Para. 11 (d) and (e) ‡ }
Other Corrections (if any).....

Winter Freeboard *8' 0 1/2"*
Summer Freeboard *7' 6 3/4"*
Indian Summer Freeboard *6' 11 1/4"*
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.

Winter Freeboard from deck line *8' 2 3/4"*
Summer " " " " *7' 7 1/4"*
Indian Summer " " " " *7' 1 3/4"*
N. A. Winter, " " " "

‡ 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.

m. B. 19/3/15

W568-0312

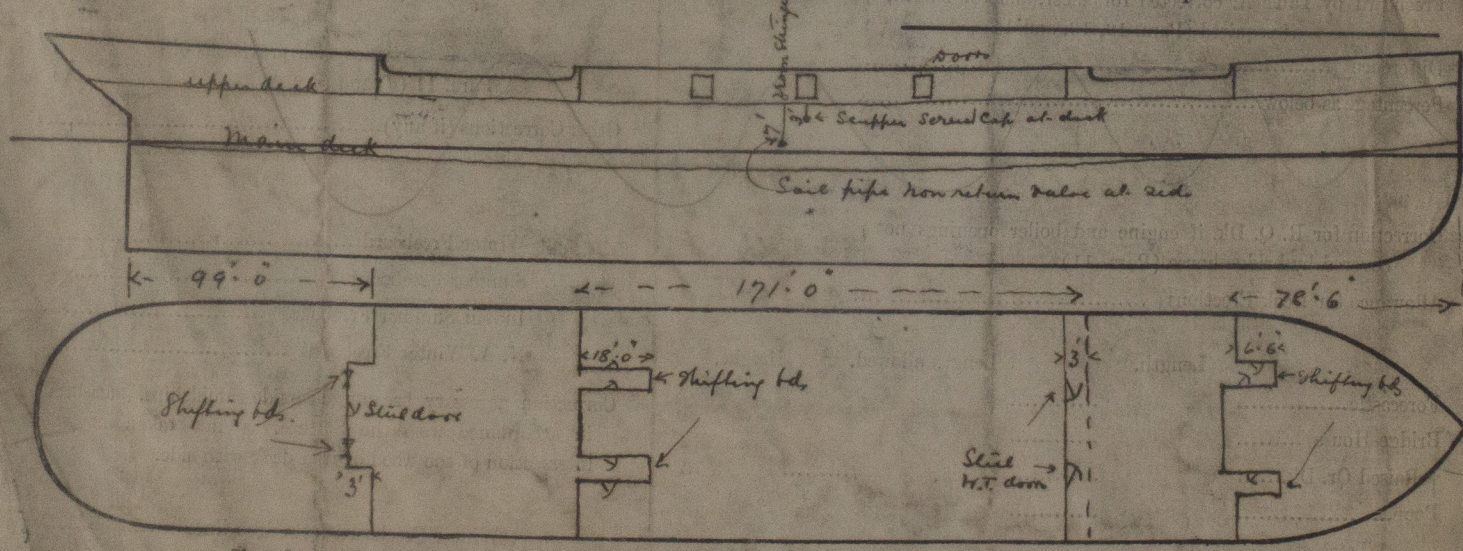
Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Changel frames with reverse to main deck*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Shifting boards full height in riveted channels*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Steel watertight door*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *9x3 1/2 x 64 bulb angles spaced 29' 6" apart with 2 webs*
 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? *Shifting 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? *Yes*
 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 *Yes*
 What is the height of the exposed Casings? *Yes* 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*

Requirements of Section 28 of the Rules for 1904-5? Give particulars below												
Position and Size.		No. 1 on forecastle 24' 9" x 16'		No. 2 on U.D. 30' 0" x 18' 0"		No. 3 on B.D. 24' 0" x 18' 0"		No. 4 on U.D. 14' 4" x 16' 0"		No. 5 on U.D. 30' 0" x 18' 0"		
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
28 1/2 48 40 COAMING.	Height above top of DECK	29 1/2	18	32 1/2	24	29 1/2	18	33	24	33	24	
	Thickness	Sides	.46	.46	.50	.50	.44	.44	.40	.40	.50	.50
		Ends	.40	.40	.40	.40	.40	.40	.36	.36	.40	.40
	5 (2) 28 1/2 x 36 3 x 3 x 40 (3) 10 x 6 x 39 lb I	SHIFTING BEAMS OR WEB PLATES.	Number	5								
		Section and Scantlings	(2) 28 1/2 x 36 3 x 3 x 40	(3) 30 1/2 x 48 4 x 3 x 40 1/2 x 36		(2) 30 1/2 x 48 4 x 3 x 40		(1) 35 1/2 x 36 3 x 3 x 40		(3) 35 1/2 x 36 4 x 3 x 40		
		Material	Steel	(3) 10 x 6 x 39 lb I		(3) 10 x 6 x 39 lb I		(2) 10 x 6 x 39 lb I		(4) 10 x 6 x 39 lb I		
✓	FORE AND AFTERS.	Number										
		Section and Scantlings										
		Material										
3 W.W.	HATCHES Thickness	3		3		3		3		3		
	Remarks	W.W.		W.W.		W.W.		W.W.		W.W.		

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
 (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

Sister vessel P.S. Carmarthenshire Bel Ref. No 7481

Owners

Address

Fee £

Received by me



© 2021

Lloyd's Register Foundation