

# Lloyd's Register of British & Foreign Shipping. No 26949

SURVEYS FOR FREEBOARD.—STEAM SHIPS. SAT. 5 SEP 1908

at the fore end?

with Bulwarks?

at after end?

bad weather?

Rule.

atches.

ine if assigned under

th) and under Shelter

akes?

are not satisfactory.

ft.

ft.

ft.

Tank tops, &c., &c.

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.

*Shelter Deck having openings at sides no bulwarks*

Ship's Name.  
*Coyne*  
No. 325 3/4.

Port of Registry  
and Nationality.

Official  
Number.

Tonnage.

Date of Build.

Port of Survey

Date of Survey

Name of Surveyor

Particulars of Classification.

100 A1

*Shelter Deck*  
(contemplated)

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
319.7	Frame Depth Rule "	Ceiling Sheer	Peak Tanks
319.7			

co-efficient of fineness .....

any modification necessary {  
[Para. 4 (a) to (e) \*]

co-efficient as corrected .....

*75 given by builders*

Stem... *54*  
Sternpost... *21* }  $75 \div 2 = 37.5$  Mean

Stem *27*  
Sternpost *11.5* }  $38.5 \div 2 = 19.25$  Mean

radial mean Sheer ..... *35.0*

Standard mean Sheer (Table, Para. 18) ..... *41.97* Correction

Difference..... *6.97* =  $+1\frac{3}{4}$

If limited as Para. 18 (f).....

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

Fall in sheer {  
Para. 18 (d) }  $\div 2 =$

Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *1-5 1/2*

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) } *4-1 1/2*

Difference ..... *2-8 1/2*

Percentage as below..... *54 7/8*

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }

Allowance for Deck Erections ..... *-17 1/2*

Length.	Length allowed.	Height.
<i>41.0</i>	<i>40.5</i>	<i>7-6</i>
<i>12.0</i>	<i>7.0</i>	
<i>150.0</i>	<i>7.0</i>	
<i>10.0</i>	<i>5.0</i>	
<i>53.0</i>	<i>26.5</i>	
Total	<i>153.0</i>	
Length of Ship	<i>83.35</i>	<i>= 1/2 diff</i>
Corresponding percentage	<i>236.35</i>	
Para. 12, 13, and 14	<i>319.7</i>	<i>= 7 1/2</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	" "

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible. When 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 vessels having poops and forecastles, it means the sheer measured at the stem and stern-post. In vessels having the vessel's length from stem and stern-post.

Moulded Depth as measured..... *20-6*

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..... *319.7*  
Length in Table ..... *246.0*  
Difference ..... *73.7*  
Correction for 10ft., Table A. .... *1.2* Table C.  
× Difference divided by 10 ..... *8.84* (if required.)  
If 1/10ths length covered divide by 2 *+4 1/2*

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... *74*  
Thickness of usual wood deck, less stringer.....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *43-11*  
Round of Beam..... *11*  
Normal round ..... *11*  
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 ..... *3-11 1/4*  
Correction for Sheer ..... *+1 1/4*  
Correction for Length ..... *+4 1/2*  
Allowance for Deck Erections ..... *4-6*  
Correction for Round of Beam..... *1-5 1/2*  
Correction for fall in Sheer (if any) .....  
Correction for Iron Deck (if required) ..... *-3 1/2*  
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ .....  
Other Corrections (if any).....

Winter Freeboard ..... *2-9 1/4*  
Summer Freeboard ..... *2-5 1/2*  
Indian Summer Freeboard ..... *2-2*  
N. A. Winter Freeboard ..... *2-11*

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 ..... *2-10 3/4*  
Summer " " " ..... *2-7 1/2*  
Indian Summer " " " ..... *2-3 3/4*  
N. A. Winter, " " " ..... *3-0 3/4*

Amended Tables  
March 1906

‡ 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.

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20-6 1/2  
1 1/2 Star

20-6 1/2  
3-7

Med draft

See later report

Do all the Frames extend to the top height in the Poop? u Raised Quarter Deck? Bridge House? Foreca  
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:—

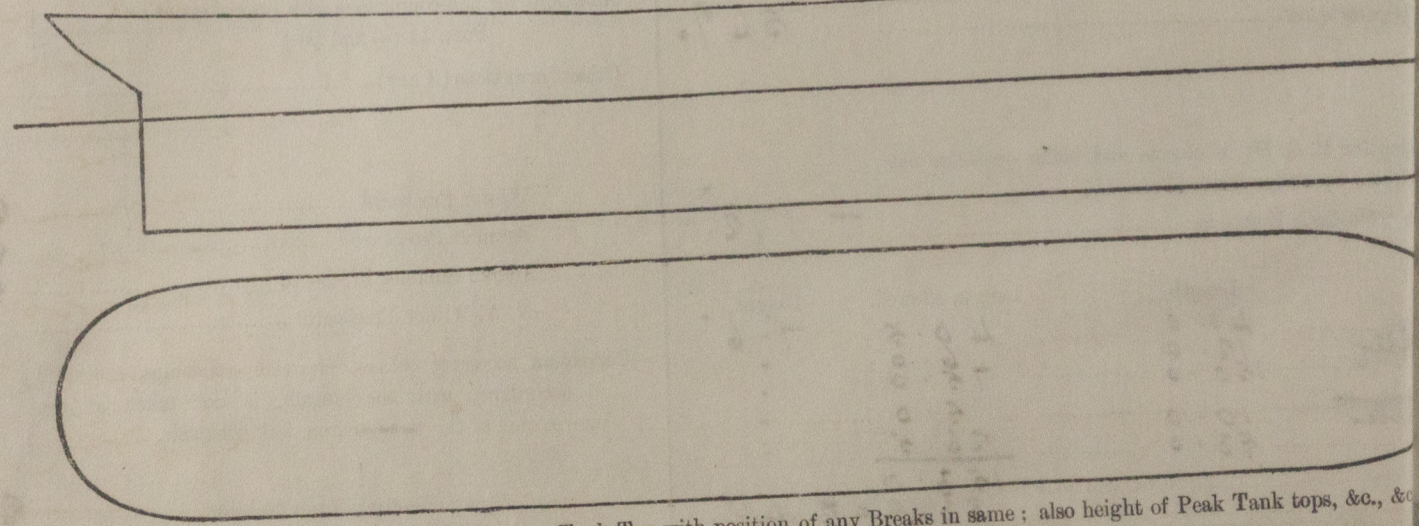
Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING.	Height above top of DECK												
	Sides.....												
	Ends.....												
SHIFTING BEAMS OR WEB PLATES.	Number .....												
	Section and Scantlings.....												
	Material.....												
FORE AND AFTERS.	Number.....												
	Section and Scantlings.....												
	Material.....												
HATCHES Thickness .....													
Remarks.....													

\* 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 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  
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						Sq. ft.
Area of Freeing Ports required by Para. 11 (e) each side of vessel					=	
Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	Sq. ft.
	x			x		
	x			x		
Total deficiency or excess						=



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. This vessel has complete shelter openings in sides as per enclosed plan. These openings will be hinged iron shutters 7/20" thick secured by turnbuckles above the bulwarks however desire to know what freeboard be assigned if no shutters were fitted to and no bulkheads in tween decks (shelter) Owners Plan & freeboard request enclosed.

Address

Received by me

Fee £



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