

Rpt. 11b

Lis. 9/8/32.

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14935

# LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

## SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey *Plymouth*  
Date of Survey *26.2.01*  
Name of Surveyor *Geo Duncan*

Ship's Name. *Penrhyn*  
Gross Tonnage. *365*  
Official Number. *101755*  
Type of Ship. *well deck*  
Date of Build. *1895*  
Particulars of Classification. *100A.1*

Registered Length *145.0* Breadth *24.0* Depth *9.0*

Length on Loadline *145*  
Breadth on Loadline *24*

Height of top line of ordinary floors *10.5*

Tons und. Dk. *25.3*

*Estimated ballast tank above ordinary floors*

Efficiency of fineness .....  
Modification necessary [Para. 4 (a) to (e)] *Part. Cellular double bottom*  
Efficiency as corrected ..... *74*

Stem... *53* } *83* ÷ 2 = *41.5*...Mean  
Sternpost... *30*

Standard Sheer (Table, Para. 16) *24.5* Correction  
Difference *17* ÷ 4 = *-4.25*

In Sheer { At front of bridge house ..... *1*  
amidships { At after end of forecastle ..... *29*  
[Para. 16 (e)]

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. *0.75*  
Correction for Length, if required (Para. 12 and 13) .....  
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12 and 13) .....  
Difference ..... *57.3%*  
Percentage as below ..... *= 32*

Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house

Allowance for Deck Erections .....  
Length. Length allowed. Height.  
Castle..... *24.0* ..... *24.0* ..... *8.0*  
Bridge House ..... *10.5* ..... *10.5* ..... *7.6*  
R. Q. Dk. .... *54.0* ..... *54.0* ..... *3.5*  
Total ..... *88.5* ..... *145* = *.61*

Length of Ship .....  
Corresponding percentage (Para. 11, 12, or 13.) *57.3%*

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

Fresh Water Line above centre of Disc .....  
Indian Summer Line " " " .....  
Winter Line below " " .....  
Winter North Atlantic Line " " " .....

Moulded Depth as measured..... *11.2*

CORRECTION FOR LENGTH:—

Length of Ship on load line..... *145*  
Length in Table ..... *134*  
Difference\* ..... *11*  
Correction for 10ft., Table A. .... *.9* Table C.  
× Difference\* divided by 10 ..... *.99* (if required.)  
If 10ths length covered divide by 2. } *+ .5*

CORRECTION FOR IRON DECK:—

Proportion covered, if less than 10ths length covered ..... *61/100*  
Thickness of usual wood deck, less stringer..... *2 1/2*  
= *-1 1/2*

CORRECTION FOR ROUND OF BEAM:—

Round of Beam..... *8*  
Normal round ..... *6*  
Difference ..... *2* ÷ 2 = ..... *1*

Proportion of Deck uncovered (Para. 17) *39* *say - 1/4*

Freeboard, Table A ..... *1.7*  
Correction for Sheer ..... *-4 1/4*  
Correction for Length ..... *1.23 1/4*  
Allowance for Deck Erections ..... *+ 1/2*  
Correction for Round of Beam..... *1.3 1/4*  
Correction for Iron Deck (if required) ..... *-3 1/2*  
Additions for non-compliance with provisions of { ..... *0.11 1/4*  
Para. 11 (a) and (f) † ..... *0.9 3/4*  
Other corrections (if any).....  
Winter Freeboard .....  
Summer Freeboard .....  
N. A. Winter Freeboard .....  
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. } *1 1/4*  
Winter Freeboard from deck line† ..... *1.0 1/2*  
Summer " " " " ..... *0.11*  
N. A. Winter, " " " " ..... *0.11*

\* Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form.  
‡ Marked in accordance with Sec. 25, 76.

3500-21700-Trans. Ink.

Surveyor *1.3.01*

ERASE WORDS WHICH DO NOT APPLY.

The Crew *are, are not*, berthed in the bridge house.

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

Length of Bulwarks in well  $\times 2 \div$   
Freeing Ports

= Sq. Ft.

Ft. Tenths. Ft. Tenths. No. }

= Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop?

Do. do. do. do.

Raised Quarter Deck?

Do. do. do. do.

Bridge House?

Do. do. do. do.

Forecastle?

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at its fore end?

State whether the Bridge House efficiently covers the Engine and Boiler Openings

Has the Bridge House an efficient Iron Bulkhead at the fore end?

Are efficient Doors fitted to the Passage Ways?

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise

Has the Bridge House an efficient Iron Bulkhead at the after end?

Are efficient Doors fitted to the Passage Ways?

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above?

Has the Forecastle an efficient Iron or Wood Bulkhead at its after end?

Are the Hatchways efficiently constructed? State the height of the Coamings

Are the Hatches solid? What is their thickness?

Are the exposed parts of the Engine and Boiler Casings efficiently constructed?

State any special features in the construction of the Vessel

Owners

Address

Fee £

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Lloyd's Register Foundation

PARTIAL  
CASTLE  
WITH

Num

Register

Length of  
Breadth

Depth

Co-efficient  
Any modification  
[Para. 16]  
Co-efficient

Sheer {  
at {  
Sheer at  
Standard

Rise in  
from amidships  
[Para. 16]

Freeboard  
Correction

Freeboard

Difference  
Percentage

Correction  
and b

\*Allowance  
4 x 3

Forecastle  
Bridge House

Raised Quarter Deck

Poop  
To

Length of

Correspondence  
(Para. 16)

FREEBOARD

\* Particulars  
other closed

W. T. & S.