

EXT Dundee 13/6/32

MON. NOV. - 2. 1914

No. 34525

Rpt. 11b.

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

23969

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TO 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 Glasgow
Date of Survey Building
Name of Surveyor Murray Stewart

Flaming & Fergusons Ltd No. 428

Table with columns: Ship's Name, Port of Registry and Nationality, Official Number, Gross Tonnage, Date of Build, Particulars of Classification.

Table with columns: Registered dimensions from Ship's Register, LENGTH, BREADTH, DEPTH, UNDER DECK TONNAGE.

Moulded Depth as measured 15'0"
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 170'
Length in Table 150' 177'
Difference 127' x
Correction for 10ft., Table A. 1.0 Table C.
x Difference divided by 10 .7 70 (if required.)
If 1/10ths length covered divide by 2 -3/4 - 7/4

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships 30.0
Round of Beam 7 1/2
Normal round 7 1/2
Difference 0
Proportion of Deck uncovered (Para. 19)

Co-efficient of fineness .78
Any modification necessary [Para. 4 (a) to (e)]\* No Double bottom
Co-efficient as corrected

Sheer (Stem 54, Sternpost 28.25) 2 = 41.12 Mean
Sheer at 1/2 of the length from Stem 30, Sternpost 15 45 2 = 22.5 Mean
Gradual mean Sheer 40.91 + 41.12 = 41.01 40.9
Standard mean Sheer [Table, Para. 18] 27.00 Correction
Difference 13.9 41.01 / 4 = 3.50
§ If limited as Para. 18 (f) 27 / 2 = 13.5 - 3 1/4

Rise in Sheer from amidships [Para. 18 (e)] At front of bridge house, At after end of forecastle
Fall in Sheer [Para. 18 (d)] Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-
Freeboard, Table C 0.75
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) 2.53
Difference 1.10 1/4
Percentage as below

Correction for R. Q. D. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections

Table with columns: Length, Length allowed, Height. Rows: Forecastle, Bridge House, Raised Qr. Dk., Poop, Total, Length of Ship, Corresponding percentage.

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :- 2 1/2
Fresh Water Line above centre of Disc
Indian Summer Line
Winter Line below
Winter North Atlantic Line

Freeboard, Table A 2.6 5/4
Correction for Sheer 3 1/4
Correction for Length 2.25
Allowance for Deck Erections 2.21 1/4
Correction for Round of Beam
Correction for fall in Sheer (if any)
Correction for Iron Deck (if required)
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any) form of Rafter + 1 3/4 = 2.3 1/4

Winter Freeboard 2.3 1/4
Summer Freeboard 2.1 3/4 1/2
Indian Summer Freeboard
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 2.4 1/4 3
Summer " " " 2.2 3/4 1/2
Indian Summer " " "
N. A. Winter " " "
Wood (Iron) Deck :- 2 1/2

† 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.

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? *across floors to turn of pliege*  
 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?  *By a strong steel deck house*  
 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? *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:— *None*

Position and Size.		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.....											

\* 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 the 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. Tenth.    Ft. Tenth.    No.		
x                    x	} Freeing Ports (each side of vessel)	= Sq. ft.
x                    x		
Total deficiency or excess	=	Sq. ft.

*15-0 1/2*  
*2-1 1/2*  
*12-11 head draft*  
*11-0 1/2 clear*

Vessel trims 18" by the stern

Sill of lowest side light side light 13' 11 1/2 above base line.

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 *Plans of midship section & deck plan & profile are enclosed for reference*  
*Freeboard request form attached.*

Owners .....

Address .....

Fee £ : : Received by me

