

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD - STEAM SHIPS. 10.515

1 DEC 1930

Index No. **33915.**
(For London Office only.)

CLAUSES RELATING TO ALL STEAM SHIPS EITHER PLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Belfast
Date of Survey Building 29/11/30
Name of Surveyor S. Kendall

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
GANBANK	<u>Belfast</u> <u>British</u>	<u>161873</u>	<u>5583</u>	<u>1930</u>	<u>100A1 (with freeboard) contemplated</u>

RETAIN

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>426.8</u>	<u>57.3</u>	<u>25.85</u>	<u>4958.92</u>
<u>425.0</u>			
<u>425</u>	<u>56.22</u>	<u>28.51</u>	<u>4995.92</u>

Moulded Depth as measured..... 29' 10"
Addition for Keel below base line for draught record..... inches.

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

Correction for fineness..... .732
Correction necessary (a) to (e)* } Cellular Double Bottom
As corrected71

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>425</u>
Length in Table	<u>358</u>
Difference	<u>67</u>
Correction for 10ft., Table A.	<u>1.5</u>
× Difference divided by 10	<u>10.05</u>
If $\frac{1}{10}$ ths length covered divide by 2	<u>+5.02 + 5"</u>

Mean Sheer [Table, Para. 18] 52.50
Difference..... 37.15 ÷ 4 = -9.29
Correction say -9 1/4"

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered 3 1/2"
Thickness of usual wood deck, less stringer -3 1/2"

Sheer { At front of bridge house.....
(e) } At after end of forecastle
Sheer { ÷ 2 =
(d) }
Corrected Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>57</u>
Round of Beam	<u>13 1/2"</u>
Normal round.....	<u>14 1/4"</u>
Difference	<u>3/4 ÷ 2 = 3/8"</u>
Proportion of Deck uncovered (Para. 19)	<u>nil</u>

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

ALLOWANCE FOR DECK ERECTIONS:-
Table C..... 4' 1 3/4"
For Length, if required (Para. 12, 13, and 14)
By Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) } 6' 5 1/2"
As below..... 2' 3 3/4"
94.3
26.17
For R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
For Deck Erections - 2' 2 1/4"

Freeboard, Table A	<u>7' 2 3/4"</u>
Correction for Sheer	<u>- 9 1/4"</u>
Correction for Length	<u>6' 5 1/2"</u>
Allowance for Deck Erections	<u>2' 2 3/4"</u>
Correction for Round of Beam	<u>4' 8 1/4"</u>
Correction for fall in Sheer (if any).....	<u>✓</u>
Correction for Steel Deck (if required)	<u>- 3 1/2"</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>4' 4 3/4"</u>
Other Corrections (if any)	<u>✓</u>

Length.	Length allowed.	Height.
<u>391.1</u>	<u>391.1</u>	<u>8.75</u>
<u>6.0</u>		
<u>27.9</u>	<u>27.9</u>	<u>8.76</u>
<u>425.0</u>	<u>419.0</u>	
Ship	<u>± Diff. 3.0</u>	
Percentage	<u>94.3%</u>	<u>99.3%</u>
(1, 12, 13, or 14)	<u>422.0</u>	<u>425.0</u>

Winter Freeboard 4' 4 3/4"
Summer Freeboard 3' 10 3/4"
Indian Summer Freeboard 3' 4 3/4"
N. A. Winter Freeboard

STANDARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " "
Winter North Atlantic Line " " "

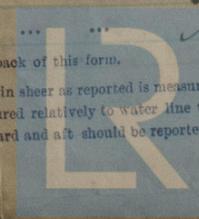
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. } 1/2"

Winter Freeboard from deck line	<u>4' 6 1/4"</u>
Summer " " "	<u>4' 0 1/4"</u>
Indian Summer " " "	<u>3' 6 1/4"</u>
N. A. Winter, " " "	<u>✓</u>

When plating, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside lining should be reported if possible.
The height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
In vessels having poops and forecastles, it means the sheer measured at points distant $\frac{1}{10}$ ths 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.

WS24-0248



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Do all the Frames extend to the top height in the Poop? *yes* - Raised Quarter Deck? Bridge House? *yes* - Forecastle? *yes* -
 To what height do the Reverse Frames extend? *2nd 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 *no openings*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end? *connected to 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? *yes* -
 How are the openings closed? *weather 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 ~~W~~ Bulk'd. at after end? *yes*
 Are the Engine and Boiler openings covered by a Bridge, ~~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?
 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?

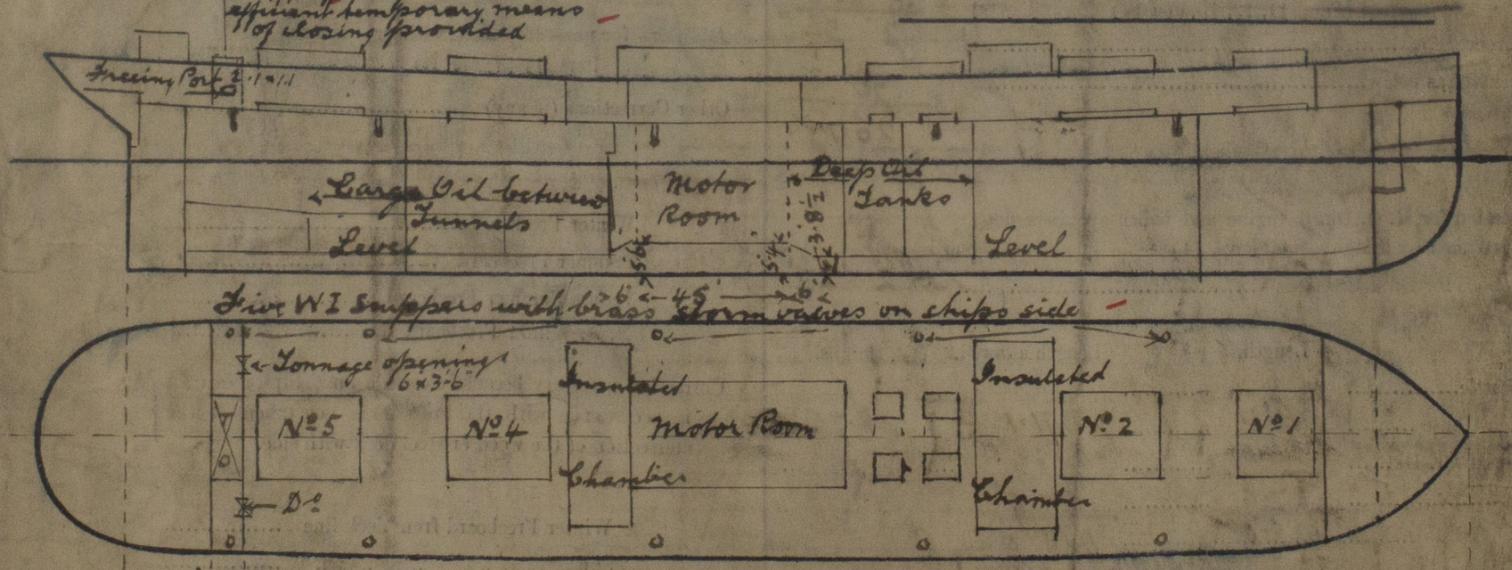
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below: *yes*

Position.	Shelter Deck Hatchways					2nd Deck Hatchways				
	1	2	3	4	5	1	2	3	4	5
Size.	24'7 1/2 x 22'	30'0" x 22'	30'0" x 22'	33' x 22'	33' x 22'	24'7 1/2 x 22'	30' x 22'		33' x 22'	33' x 22'
COAMING. Height above top of DECK	33"	as in No 1				9" 3 1/2" x 40"	Bull Angles			
	Sides..... 44"									
SHIFTING BEAMS OR WEB PLATES.	Number..... 4	5	5	6	6	4	5		6	6
	Section and Scantlings..... 19 x 36	19 x 36	19 x 36	18 x 36	18 x 36	19 x 36	19 x 36		18 x 36	18 x 36
	Material..... 4 1/2 x 3 x 46	all angles 4 1/2 x 3 x 46				all angles				
* FORE AND AFTERS.	Number.....	none					none			
	Section and Scantlings.....									
	Material.....									
HATCHES Thickness.....			2 1/2"				2 1/2"			
Remarks.....	Eighteen escape hatchways 24" x 24" with ringed hatches covers on 9" 3 1/2" x 40" B.G. Coamings									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (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 keel 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 *6-0*
 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.
 2 1 x 1 x 1 x 1 }
 x x }
 Total deficiency or excess = _____ Sq. ft.



State any special features in the construction of the Vessel *Verified copies of approved plans filed in London Office*
 Builder's name and yard number *Harland & Wolffs No 879*
 Names of sister vessels *MV FOYLEBANK Report No 10482*
 Owners *Bank Line Ltd (a. Weir & Co.)*
 Address _____
 Fee £ *9 : 3 : 4* Received by me *See F.C. Report*
To be collected with First Entry

