

Forecastle? 4 11b.

re end? 7

ks? No

end? 4

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

6942.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES UNCONNECTED, 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 M. J. Sherrin

Ship's Name. T.S.S. "EGRA"
Port of Registry and Nationality. Glasgow British
Official Number. 129570
Gross Tonnage. 5108
Date of Build. 1911
Particulars of Classification. 100 A1 shade deck Contemplated

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
410	52.81	24.7	3725.27
Length on ADLINE	409.42	Frame Depth 8 Rule " 52 - 42	Ceiling .2 Sheer .72
CORRECTED DIMENSIONS.	409.42	52.39	25.626

Moulded Depth as measured.....27.3

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.....409.42
Length in Table327
Difference82.42
Correction for 10ft., Table A.1.4 Table C.
× Difference divided by 1011.544 (if required.)
If 10ths length covered divide by 2 +5.77

CORRECTION FOR IRON DECK.

Proportion covered, if less than 10ths length covered32
Thickness of usual wood deck, less stringer.....32
3" sheathing Correction -1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....51.6
Round of Beam.....123 1/4
Normal round12.9
Difference15 ÷ 2 = .07
Proportion of Deck uncovered (Para. 19)

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

efficient of fineness686
modification necessary } .02 Cell Bot.
[Para. 4 (a) to (e) *]
efficient as corrected66

Stem... 96
Sternpost... 54 1/2
Mean 150 1/2 ÷ 2 = 75 1/4
Stem 54
Sternpost 30 1/2
Mean 84 1/2 ÷ 2 = 42 1/4
Mean Sheer76.023
Standard mean Sheer (Table, Para. 18)50.984
Difference.....25.039 ÷ 4 = -6 1/4
If limited as Para. 18 (f).....6.27

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

Fall in sheer }
Para. 18 (d) } ÷ 2 = ✓
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....3.1 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) } 5.7 1/2
Difference2.6
Percentage as below.....50.6%
= 15 1/4

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

	Length.	Length allowed.	Height.
Forecastle.....	63.1	57.12	7.9
Bridge House.....	177.8	199.60	8.0
Raised Q. Dk.....	28.2	14.08	7.11
Pop.....	26.2	18.40	7.72
Total.....	335.3	289.20	7.06
Length of Ship.....	409.5		

Corresponding percentage (Para. N, 12, 13, or 14) } 50.62

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

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

Winter Freeboard4.9 1/2
Summer Freeboard4.4
Indian Summer Freeboard3.10 1/2
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. 2nd 6 1/2 13.0.8

Winter Freeboard from deck line4.11
Summer " " "4.5 1/2
Indian Summer " " "4.0
N. A. Winter, " " "4.5 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.

MARKING REPORT RECEIVED JUN 1912

3h John Bot 23/5/11.

W416-0061

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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? *20 upper deck and every 4" to main dk in way of upper bridge*
 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 *wood doors hinged*
 Is the Poop or ~~Raised Quarter Deck~~ connected with the Bridge House? *Yes by shade deck* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged doors & wood hinged doors to companion*
 What is the thickness of the Bridge Front plating? *3* and Coaming plate? *3*
 Give scantlings and spacing of the Stiffeners *30 6 38" with 2 webs Stiffeners 5x3x.35"*
 Are bracket plates fitted at each end of the Stiffeners? *No* 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 board in permanent riveted channel and wood door to main*
 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? *Shade deck & bridge above*
 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*

Position and Size.	No. 1 17.5 x 12.0		No. 2 26.0 x 14.0		No. 3 25.6 x 14.0		Ship.	Rule.	Ship.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING. Height above top of DECK	2.6	2.6	2.6	2.6	2.6	2.6			
Thickness	Sides.....	.44	.44	.44	Same as	.44			
	Ends.....	.40	.40	.40	No 2	.44			
SHIFTING BEAMS OR WEB PLATES.	Number.....	3	3	5	5	5			
	Section and Scantlings.....	7" one 3 1/2 x 15 1/2 x .4	7" 1 1/2 x 11 x .34	7" 2 webs 23 1/2 x .4	7" 16 1/2 x 13 x .34	2 webs Same as No 2 Hatch 7" 16 1/2 x 13 x .34			
	Material.....	(2) 11x6x.35 Steel	Steel	12x6x.35 Steel	Steel	3T Same as Steel No 2 Hatch			
FORE AND AFTERS.	Number.....								
	Section and Scantlings.....	none	none	none	none	none			
	Material.....								
HATCHES Thickness.....	3" 2nd	3	Same as No 1	3	Same as No 1	3			
Remarks.....	Plating								

* 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 _____

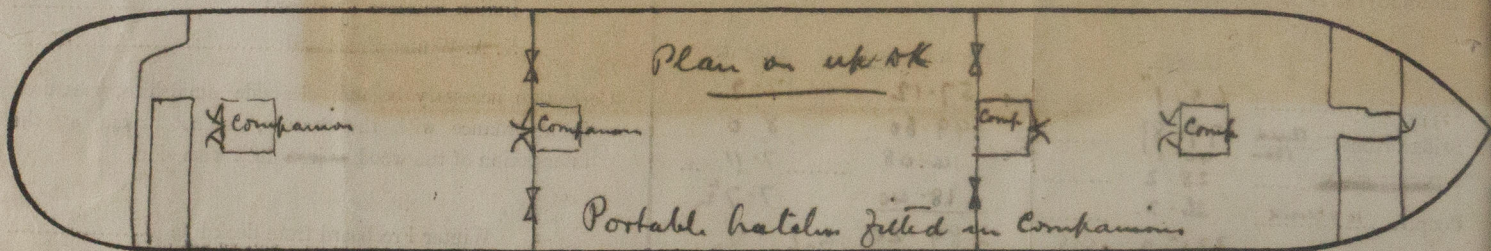
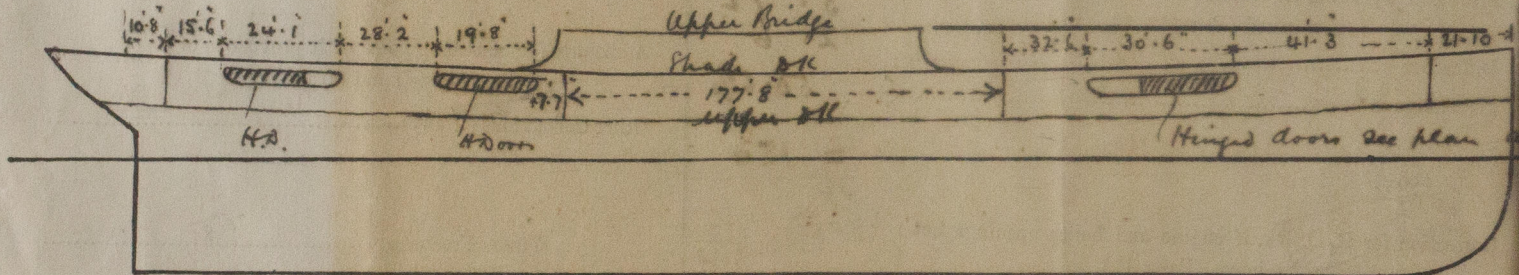
Area of Freeing Ports required by Para. 11 (e) each side of vessel = _____ Sq. ft.

Ft. Tenths. Ft. Tenths. No.

x x
 x x

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.

Mid sec. Profile & profile openings in side enclosed for reference

Owners _____

Address _____

Fee £ _____

Received by me _____



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