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N.Y.K. 6.5.32 -1 JAN 1925

Index No. 31229 (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

No 44286

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.

Port of Survey Glasgow
Date of Survey while Building
Name of Surveyor W.J. Craig

CITY OF KHIOS

Particulars of Classification.

Table with columns: Ship's Name (Rydal Hall), Port of Registry and Nationality (Liverpool), Official Number (147293), Gross Tonnage (approx 5650), Date of Build (Building), Particulars of Classification (+100.A.1.)

Table with columns: Registered dimensions from Ship's Register, Length (400.0), Breadth (55.0), Depth (29.70), Under Deck Tonnage (5283.23)

Moulded Depth as measured 32'-0"

Addition for Keel below base line for draught record 1 1/2" inches.

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

CORRECTION FOR LENGTH.

Table for corrections: Length of Ship on Loadline (400), Length in Table (384), Difference (16), Correction for 10ft., Table A (1.6), etc.

CORRECTION FOR IRON DECK.

Table for iron deck corrections: Proportion covered, Thickness of usual wood deck, less stringer (3 1/2" - 3 1/2")

CORRECTION FOR ROUND OF BEAM.

Table for beam corrections: Breadth at Gunwale amidships (54.75), Round of Beam (13 1/2"), Normal round (13.68), etc.

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

Handwritten calculations for stem and sternpost measurements.

Handwritten calculations for mean shear: 108 } 162 / 2 = 81

Handwritten calculations for mean shear: Stem 60 7/8, Sternpost 30 3/8, 91 1/4 / 2 = 45.6

Handwritten calculations for difference: 32.319 / 4 = -8"

Handwritten calculations for shear at front of bridge house.

Handwritten calculations for shear at after end of forecastle.

Handwritten calculations for allowance for deck erections.

Handwritten calculations for allowance for length if required.

Handwritten calculations for allowance for length corrected for sheer.

Handwritten calculations for allowance for length as below.

Handwritten calculations for allowance for R. Q. Dk. if engine and boiler openings not covered by bridge house.

Handwritten calculations for allowance for deck erections.

Table with columns: Length, Length allowed, Height. Rows for House, Qr. Dk., Total, etc.

Table for Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line.

Table for Freeboard, Table A, Correction for Sheer, Correction for Length, Allowance for Deck Erections, etc.

Table for Winter Freeboard, Summer Freeboard, 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 steel deck with side.

Table for Winter Freeboard from deck line, Summer, Indian Summer, N.A. Winter.

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

MARKING FORM RECEIVED 26 JAN 1925

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *—* Bridge House? *and* Forecastle? *—*
 To what height do the Reverse Frames extend? *channel frames*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes in riveted angles full height*
 Give particulars of the means for closing the openings in Bulkhead *Weather boards & also bolted plate*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Combr*
 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? *Yes, at*
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes height*
 How are the openings closed? *weather boards & also bolted plate*
 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? *Com*
 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: *Yes*

Position and Size.	No 1 24'-9" x 16'-0"		No 2 42'-0" x 16'-0"		No 3 24'-0" x 16'-0"		No 4 36'-0" x 16'-0"		No 5 24'-0"
	Ship.	Rule or as app'd	Ship.	Rule or as app'd	Ship.	Rule or as app'd	Ship.	Rule or as app'd	Ship.
COAMING	Height above top of DECK	30"	30"	30"	30"	30"	30"	30"	30"
	Thickness	44	50	44	50	44	50	44	44
SHIFTING BEAMS OR WEB PLATES	Number	4	4	4	4	6	4	4	4
	Section and Scantlings	14 x .34 4 1/2 x 3 x .36 angles T & B	14 x .34 3 1/2 x 3 x .42 angles T & B	14 1/2 x .34 3 1/2 x 3 x .42 angles T & B	13 1/2 x .32 4 1/2 x 3 x .36 angles T & B	13 1/2 x .32 3 1/2 x 3 x .42 angles T & B	14 1/2 x .34 3 1/2 x 3 x .42 angles T & B	14 1/2 x .34 3 1/2 x 3 x .42 angles T & B	13 1/2 x .32 3 1/2 x 3 x .42 angles T & B
* FORE AND AFTERS	Number								
	Section and Scantlings	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
HATCHES	Thickness	3"	3"	3"	3"	3"	3"	3"	3"
	Remarks								

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

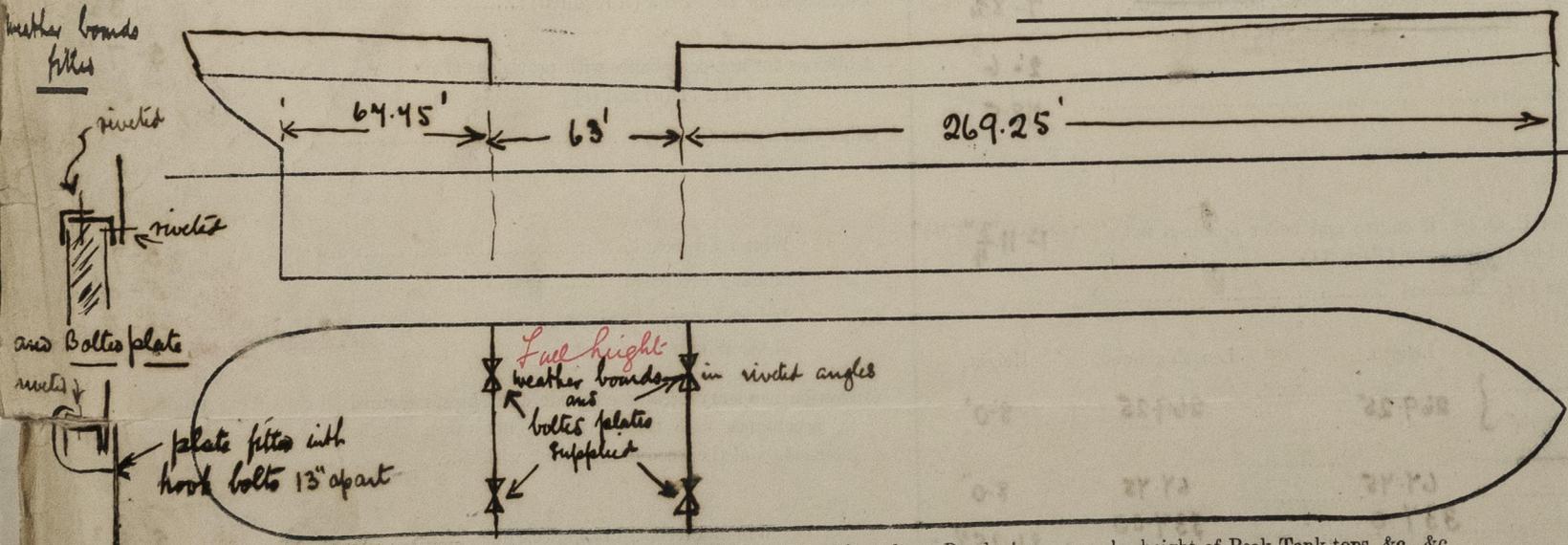
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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 Rule
 What is the thickness of the Bridge Sheerstrake? *.67* Strake between Main and Bridge Sheerstrakes? *.67*

Delete the words *The Crew 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 *63 feet*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *12.6*
 $13 \times 4.25 = 26.7$ Sq. ft. only.

	Ft.	Tenths.	No.	
Port	3.5	1.54	5	Freeing Ports (each side of vessel) = <i>26.9</i> Sq. ft.
Starboard	3.5	1.54	5	
Total deficiency or excess				= <i>14.8</i> 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 *Constructed in accordance with the revised rules.*

Builder's name and yard number *Barclay Curle & Co Ltd No 607.*

Names of sister vessels *✓*
 Owners *Ellerman Lines Ltd*

Address *Liverpool*
 Fee £ 11
 Received by me *See F.C. Report.*

Approved Plans of
 Midship Section &
 Profile forwarded
 for information
 To Port of London
 Foundation