

30684

W.P.D. 9 JAN. 1924

30684

Rpt. 11b.

Index No. (For London Office only.)

Extract Rio 4/5/22

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS ~~UNDER FULLY LICENSED~~ OR WITH LONG 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 7th Jan 1924
Name of Surveyor George Need

Ship's Name <u>S. Cable Enterprise</u> Number in Register Book <u>215 Inglis St. N. 648 P.</u>	Port of Registry and Nationality. <u>British</u>	Official Number. <u>147639</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1924</u>	Particulars of Classification. <u>100. A. 1. with Freeboard.</u> <u>(Class Contemplated)</u> <u>New Rules</u>
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Registered dimensions from Ship's Register. LENGTH. <u>198.9</u> BREADTH. <u>30.1</u> DEPTH. <u>19.45</u> UNDER DECK TONNAGE. <u>872.29</u>	Length on LOADLINE. <u>190.0</u>	Frame Depth Rule <u>5 1/2</u> Ceiling <u>4.10</u> Peak <u>4.23</u> Tanks <u>-7.9 Tons for Floors in B.R.</u>
CORRECTED DIMENSIONS. LENGTH. <u>190.0</u> BREADTH. <u>29.97</u> DEPTH. <u>19.68</u> UNDER DECK TONNAGE. <u>872.29</u> <u>864.39</u>		

Moulded Depth as measured..... 21'-4"
~~2 1/2" teak upper deck~~
~~85% M.D. to use with Tables = 21 - 2 3/4"~~
 Addition for Keel below base line for draught record..... 1 1/4" inches.

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.....	<u>190.0</u>	
Length in Table	<u>254.75</u>	
Difference	<u>64.75</u>	
Correction for 10ft., Table A.	<u>1.2</u>	Table C. <u>.6</u>
× Difference divided by 10	<u>64.75 × 1.2</u> (if required.)	<u>64.75 × .6</u>
If 1/10ths length covered divide by 2	<u>-7.2</u>	<u>10.3885</u>

Co-efficient of fineness..... .76
 Any modification necessary [Para. 4 (a) to (e)]* C.O.B.
 Co-efficient as corrected74

$872.29 \times 100 = 779$
 $190 \times 29.97 \times 19.68$
 $64.75 \div 2 = 32.375$

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<u>✓</u>
Thickness of usual wood deck, less stringer	<u>✓</u>

Sheer { Stem..... 42.0 } 74.5
 at { Sternpost .. 32.5 } 32.5 2 = 37.25 Mean 37.27
29.00
30 18.27
.23

Sheer at 1/2 of the length from { Stem 23 } 41 ÷ 2 = 20.5 Mean
 { Sternpost 18 } 55 = 37.27

Gradual mean Sheer 37.25 + 37.27 = 37.26
 Standard mean Sheer [Table, Para. 18] 29 Correction
 Difference..... 8.26 ÷ 4 = -2

§ If limited as Para. 18 (f)

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>29.5'</u>
Round of Beam	<u>7 1/2</u>
Normal round.....	<u>7 1/2</u>
Difference	<u>✓</u> ÷ 2 =
Proportion of Deck uncovered (Para. 19)	<u>✓</u>

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

Rise in Sheer { At front of bridge house..... }
 from amidships { At after end of forecastle

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

Freeboard, Table A	<u>4'-2 1/2"</u>
Correction for Sheer	<u>2</u>
Correction for Length	<u>4'-0 1/2"</u>
Correction for Length	<u>7 3/4</u>
Allowance for Deck Erections	<u>3'-4 3/4"</u>
Correction for Round of Beam.....	<u>3'-1 1/2"</u>

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	<u>1'-2 3/4"</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>1'-4"</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>3'-4 3/4"</u>
Difference	<u>2'-1 1/2"</u>
Percentage as below.....	<u>20.77</u>
1 1/2 times allowance for forecastle -	<u>1.98</u>
Table A corrected for h = 3'-6 3/4"	<u>3-31</u>
C. " " = 1'-2 3/4"	<u>3-31</u>
3-31 × 72% = 1.98	<u>Say 3 1/4"</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>✓</u>
Allowance for Deck Erections	<u>✓</u>

Correction for fall in Sheer (if any).....	<u>2 1/2" wood deck</u>
Correction for Iron Deck (if required)	<u>Allowed for in depth</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>✓</u>
Other Corrections (if any)	<u>For light scantling</u> <u>Designed draft 14'-0" extreme</u>
Winter Freeboard	<u>7'-10 3/4"</u>
Summer Freeboard	<u>7'-6 3/4"</u>
Indian Summer Freeboard	<u>✓</u>
N. A. Winter Freeboard	<u>✓</u>

Forecastle.....	Length. <u>23.75</u>	Length allowed. <u>23.75</u>	Height. <u>7'-0"</u>
Bridge House	<u>40.0</u>	<u>40.0</u>	<u>7'-0"</u>
† Raised Qr. Dk.....	—	—	—
Poop.....	—	—	—
Total	<u>63.75</u>	<u>63.75</u>	<u>3355</u>
Length of Ship	<u>190</u>		
Corresponding percentage (Para. 11, 12, 13, or 14)	<u>20.77</u>		

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. } + 1 1/4"

Winter Freeboard from deck line	<u>7'-11 1/2"</u>
Summer " " " "	<u>7'-8"</u>
Indian Summer " " " "	<u>✓</u>
N. A. Winter " " " "	<u>✓</u>

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

Fresh Water Line above centre of Disc	<u>7'-8"</u>
Indian Summer Line " " " "	<u>3 1/2"</u>
Winter Line below " " " "	<u>2"</u>
Winter North Atlantic Line " " " "	<u>✓</u>

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
 † In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
 † In vessels having top galleys and forecastles, it means the sheer measured at points distant one-eighth 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.

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Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? Alternately Forecastle?
 To what height do the Reverse Frames extend? In double bottom and to turn of bilge in boiler room
 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? Yes Has the Bridge House an efficient Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead 2 hinged steel doors
 What is the thickness of the Bridge Front plating? 30 and Coaming plate? 34
 Give scantlings and spacing of the Stiffeners 5 1/2 x 3 x 40 B. A. 30" apart.
 Are bracket plates fitted at each end of the Stiffeners? Suggested top & bottom, as approved Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? Open rails
 Has the Bridge House an efficient Iron Bulkhead at the after end? Yes, open port & Starboard as shown in sketch below
 How are the openings closed? Shipping 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 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? Covered by bridge
 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.	N. 1. 7-0 x 7-0		N. 2. Cable gear hatches		N. 3. Circular hatch		N. 4. Circular hatch	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.								
Height above top of DECK	18"		28"		18"		18"	
Thickness	Sides	42	38 } Reinforced with half rounds		36		36	
	Ends	43						
SHIFTING BEAMS OR WEB PLATES.	Number	One						
	Section and Scantlings	7 1/2 x 30	None		None		None	
	Material	Steel						
* FORE AND AFTERS.	Number							
	Section and Scantlings	None	None		None		None	
	Material							
HATCHES Thickness	2 1/2		2 1/2		2 1/2		2 1/2	
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 Rules.

What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

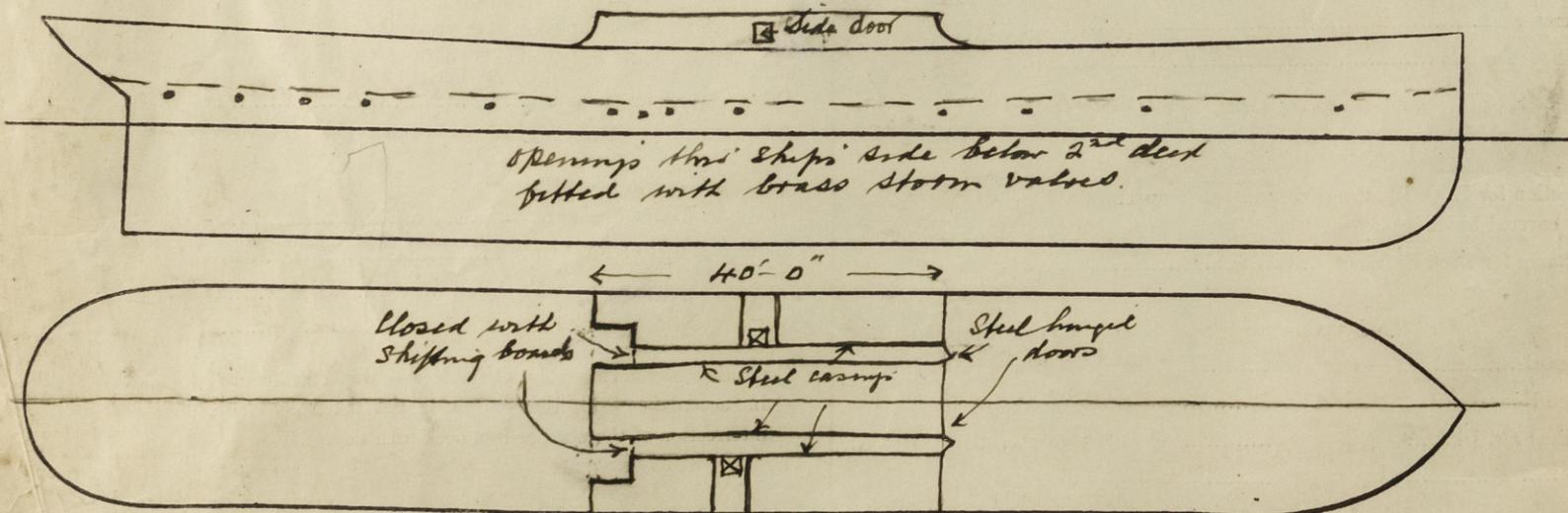
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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.	} Freeing Ports (each side of vessel) =	Sq. ft.
x	x	x	x			
x	x	x	x			

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 Vessel is a complete Superstructure Steamer without tonnage opening and has been built to 1923 Rules. Builders desire a draught of not less than 14 ft. (See letter dated 6.11.22, and provisional freed assignment letter dated 8.11.22) Request from N. 7 attached hereto, approved and signed by Owners Western Telegraph Coy. and profile plans enclosed for reference.

Address

Received by me See L. C. Rpt.