

THE BRITISH CORPORATION FOR THE SURVEY AND REGISTRY OF SHIPPING.

SURVEY FOR FREEBOARD OF STEAM-SHIP

having *Short Prop aft, Quarterdeck, Bridge & Forecastle Dk.*
SISUKAS

State type of erections.

Port of Survey

Date of Survey

Name of Surveyor *A. Chr. Brønner*

Ship's Name.	Gross Tonnage.	Official Number.	Port of Registry and Nationality.	Date of Build.	Particulars of Classification.
<i>"Rodfaer"</i>	<i>about 1659.</i>		<i>Copenhagen</i>	<i>1920</i>	<i>British Corporation BS *</i>

Registered Length as *249.20* Breadth *38.16* Depth *15.07*
 shown by Ship's Register } *2. ft. - .46* Sheer Correction } *+ .62*

Length on Loadline *249.20* *Span + .08* *Bilg + .31*

Breadth *38.16 ÷ 0.50 = 37.66* *15.38*

Depth *15.07 + 0.95 = 16.02* Tons Und. Dk. *1159.83* × 100

Co-efficient of fineness *1159.83 × 100* *249.20 × 37.66 × 16.02 = 0.771*

Any modification necessary } *Double bottom ÷ 0.02*

[Para. 4 (a) to (e)] * } *0.751*

Co-efficient as corrected *say 0.75*

Sheer at { Stem *6'-7"* } *115 ÷ 2 = 57 1/2* Mean

at { Stern-post *3'-0"* } *57 1/2*

Sheer at 1/8 of the length from { Stem *3'-8 1/2"* } *31 1/2* mean

Gradual Mean Sheer *31.8 × 100* *57.27*

Standard Sheer (Table, Para. 18) *34.92* Correction *58*

Difference *22.35 ÷ 4 = 5.6 = 5 5/8*

Rise in sheer } At front of bridge house *1'-10"*

from amidships } At after end of forecastle *4'-2"*

Fall in sheer ÷ 2 = *No fall in Sheer*

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C *0'-10 1/4*

Correction for Length, if required (Para. 12, 13, and 14) *0*

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) *2'-7 3/8*

Difference *1'-9 3/8*

Percentage as below *83 %*

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house } *—*

Allowance for Deck Erections *1'-5 3/4*

Length. Length allowed. Height.

Forecastle *25'-8" + 3'-0" Lido house* *28.67* *7.00*

Bridge House *96.6* *96.50* *7.00*

† Raised Qr. Dk. *76.5* *76.42* *4.00*

Poop *17.3* *17.25* *7.00*

Total *218.84* *0.878* *8783*

Length of Ship *249.20* *say 0.88*

Corresponding percentage } *83 % = 82.83 %*

(Para. 11, 12, 13, or 14) }

Moulded Depth as measured *17'-6"*

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 *249.20*

Length in Table *210.00*

Difference *39.20*

Correction for 10 ft., Table A. *1.1* Table C. *0.5*

× Difference divided by 10 *4.31* (if required.)

If 1/10ths length covered by erections divide by 2 } *2.15 say 2 1/8*

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

Thickness of usual wood deck, less stringer *3 3/4 ÷ 1/2 = 3 1/4*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships *37'-8 1/2"*

Round of Beam *9 1/2"*

Normal round *9 7/16"*

Difference *7/16* ÷ 2 = *0*

Proportion of Deck uncovered (Para. 19)

Freeboard, Table A. *3'-1 1/4* *3'-1 1/2*

Correction for Sheer ÷ *5 5/8* *5 5/8*

Correction for Length + *2 1/8* *2 1/2*

Allowance for Deck Erections ÷ *1'-5 3/4* *1'-5 5/8*

Correction for Round of Beam *0*

Correction for Iron Deck (if required) ÷ *3 1/4* *3 1/4*

Additions for non-compliance with provisions of Para. 11 (d) and (e) †

Other Corrections (if any)

Winter Freeboard *1'-0 3/4* *1'-0 5/8*

Summer Freeboard *0'-10 1/4* *10 1/8*

Indian Summer

N. A. Winter Freeboard

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at the intersection of the deck with side } *1 1/2* *1 1/2*

Winter Freeboard from deck line § *1'-2 1/4* *1'-2 1/8*

Summer " " " " *0'-11 3/4* *11 3/8*

Indian Summer " " " "

N.A. Winter " " " "

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

Fresh Water Line *4 1/2"* ins. above centre of Disc. Corresponding Freeboard

Indian Summer Line *2 1/2"* " " " "

Winter Line *2 1/2"* " below " " " "

Winter North Atlantic Line *4 1/2"* " " " "

* 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.

‡ State dimensions of freeing port area on back of this form.

§ Marked in accordance with Sec. 437, M. S. Act, 1894.

DELETE WORDS WHICH DO NOT APPLY.

The Crew are, are not, berthed in the Bridge house. *Bar in fore-castle, Officers in Houses on bridge deck.*
The arrangements to enable them to get backwards and forwards from their quarters are, are not, satisfactory.

Length of Bulwarks in well

30-4

Area of Freeing Ports required by Para. 11 (c) each side of vessel = 9.54 Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	}	Freeing Ports each side of vessel	=	11.25	Sq. ft.
2.50	×	1.50	×	3					
×		×							

Total excess deficiency = 1.71 Sq. ft.

If the sill of the lowest side scuttle would 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. *No side scuttle below Maindeck*

Do all the Frames extend to the top height in the Poop?

Do. do. do.

Raised Quarter Deck? *Yes*

Do. do. do.

Bridge House? *Yes*

Do. do. do.

Fore-castle? *Yes*

To what height do the Reverse Frames extend? *No Reverse frames, Bulwark frames, all fore and aft, between Decks.*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*

How are the openings closed? *No openings.*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised

Quarter Deck, or enclosed by a Strong Iron or Steel Deck House?

covered by a bridge

If the openings are not so protected, are the exposed parts of the Casings efficiently constructed?

What is their height? *7-0 above the Bridge deck*

Are suitable means provided for closing all openings in exposed Casings in bad weather? *Yes*

Has the Bridge House an efficient Bulkhead at the fore end? *Yes*

How are the openings closed? *No openings*

Give thickness of Bridge Front plating *15/60* Coaming plate *17/60* Stiffeners *5 7/8 x 3 1/2* spaced *30* bracketted *Top and bottom*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes, with 2 small ports above the Quarterdeck*

How are the openings closed? *with hinged watertight doors.*

Is the Fore-castle at least as high as the main or top-gallant rail? *Yes 7-0 above Maindeck*

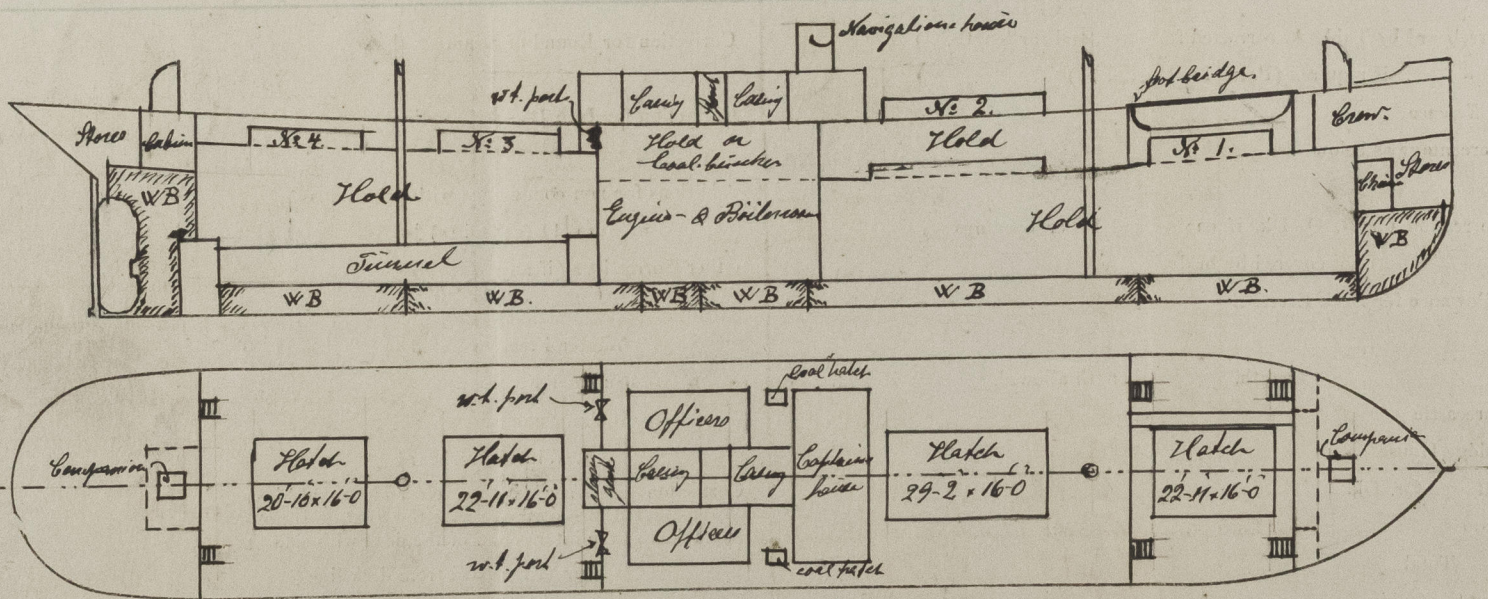
Has the Fore-castle an efficient Iron or Wood Bulkhead at its after end? *Yes steel bulkhead*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the Rule requirements? *Yes*

What is the thickness of the Hatches? *2 1/2* State the height of the Coamings in Fore Well *3-0* In After Well *on Quarterdeck 2-9 high.*

State any special features in the construction of the Vessel

Strengthening for Ice in the bow, according to Germanischer Lloyd Mark [E]

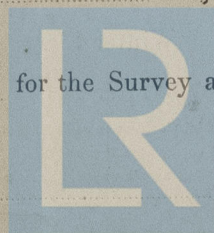


Show hereon arrangement of erections, depth of hold, &c.

The Freeboards, as stated on the other side, being in accordance with the Tables, it is submitted that the same be assigned.

Chief Surveyor.

Passed at a meeting of the Committee of Management of the British Corporation for the Survey and Registry of Shipping on the



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