

THE BRITISH CORPORATION FOR THE SURVEY AND REGISTRY OF SHIPPING.

SURVEY FOR FREEBOARD OF STEAM-SHIP

having Shelter DeckPort of Survey BelfastDate of Survey During constructionName of Surveyor Geo. Buchanan

State type of erections.

Ship's Name.	Gross Tonnage.	Official Number.	Port of Registry and Nationality.	Date of Build.	Particulars of Classification.
<u>S. S. "Buchanness"</u>					<u>B. S. * with freeboard.</u>

Registered Length as shown by Ship's Register 401.6Length on Loadline 399'

Breadth

Ships frame 12.5
B. 1885 " 6

Dept

Breadth 54.3Depth 25.3

D. - 1.08

Sheer

Correction

+ .9

No ceiling + .21

Drop of

+ .12

Lanks to

side

26.53

Moulded Depth as measured

27'-9"

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 399Length in Table 333Difference 66Correction for 10 ft., Table A. 1.4× Difference divided by 10 9.24If $\frac{1}{10}$ ths length covered by erections divide by 2 4.62 = 4.5

Table C.

(if required.)

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length coveredThickness of usual wood deck, less stringer 4' - 3/8" = 3 5/8"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 51.5Round of Beam 13"Normal round 12.88Difference .12 ÷ 2 = .06

Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness

Any modification necessary

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

Co-efficient as corrected

Sheer

at

Stem

Stern-post

Sheer at $\frac{1}{8}$ of the length from

Gradual Mean Sheer

Standard Sheer (Table, Para. 18)

Difference

Rise in sheer

from amidships

Fall in sheer

At front of bridge house

At after end of forecastle

÷ 2 =

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C @ 27'-9" and .75

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)

Difference

Percentage as below

Correction for R. Q. Dk. if engine and boiler openings

not covered by bridge house

Allowance for Deck Erections

Length.

Length allowed.

Height.

Forecastle

Bridge House

† Raised Qr. Dk.

Poop

Total

Length of Ship

Corresponding percentage

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

94.25%

399 L on L.W.L.

393 L on P.B.E.

6' = 3'

efficient means provided for the closing of tonnage hatch

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

Fresh Water Line 7" ins. above centre of Disc. Corresponding FreeboardIndian Summer Line 5 1/2" " " " " " "Winter Line 5 1/2" " below " " " " " "

Winter North Atlantic Line — " " " " " "

* 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.

Subject to efficient means being provided for closing tonnage openings.

24 1/8%

27'-10 1/8"

3'-4 1/2"

24'-6 3/8"

Freeboard, Table A. @ 27'-9" + .75

Correction for Sheer

Correction for Length

Allowance for Deck Erections

Correction for Round of Beam

Correction for Iron Deck (if required)

Additions for non-compliance with provisions

of Para. 11 (d) and (e) †

Other Corrections (if any)

A = 4" 1/2 Winter Freeboard

C = 5 1/2 Summer Freeboard

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

Winter Freeboard from deck line §

Summer " " " "

Indian Summer " " " "

N.A. Winter " " " "

3'-8 5/8"

3'-3 1/8"

1 1/2"

3'-4 1/2"

2'-9 1/2"

2'-11"

3'-10"

UPPER

Deck:—

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

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

Lloyd's Register

Foundation

P.T.O.

004300-004307-0094

DELETE WORDS WHICH DO NOT APPLY.

The Crew *are, are not*, berthed in the Bridge house.

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	=	2.5	Sq. ft.
1.67	×	1.5	×	1					
	×		×						
1666					Total excess deficiency		=		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.

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

Do. do. do. Raised Quarter Deck? *Yes*

Do. do. do. Bridge House?

Do. do. do. Forecastle?

To what height do the Reverse Frames extend?

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

How are the openings closed? *Weather Boards full height in riveted Channels.*

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

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

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

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

What is their height? *Yes*

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? *Yes*

Give thickness of Bridge Front plating *✓* Coaming plate *✓* Stiffeners *✓* spaced *✓* bracketted *✓*

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 Wood Bulkhead at its after end? *Yes*

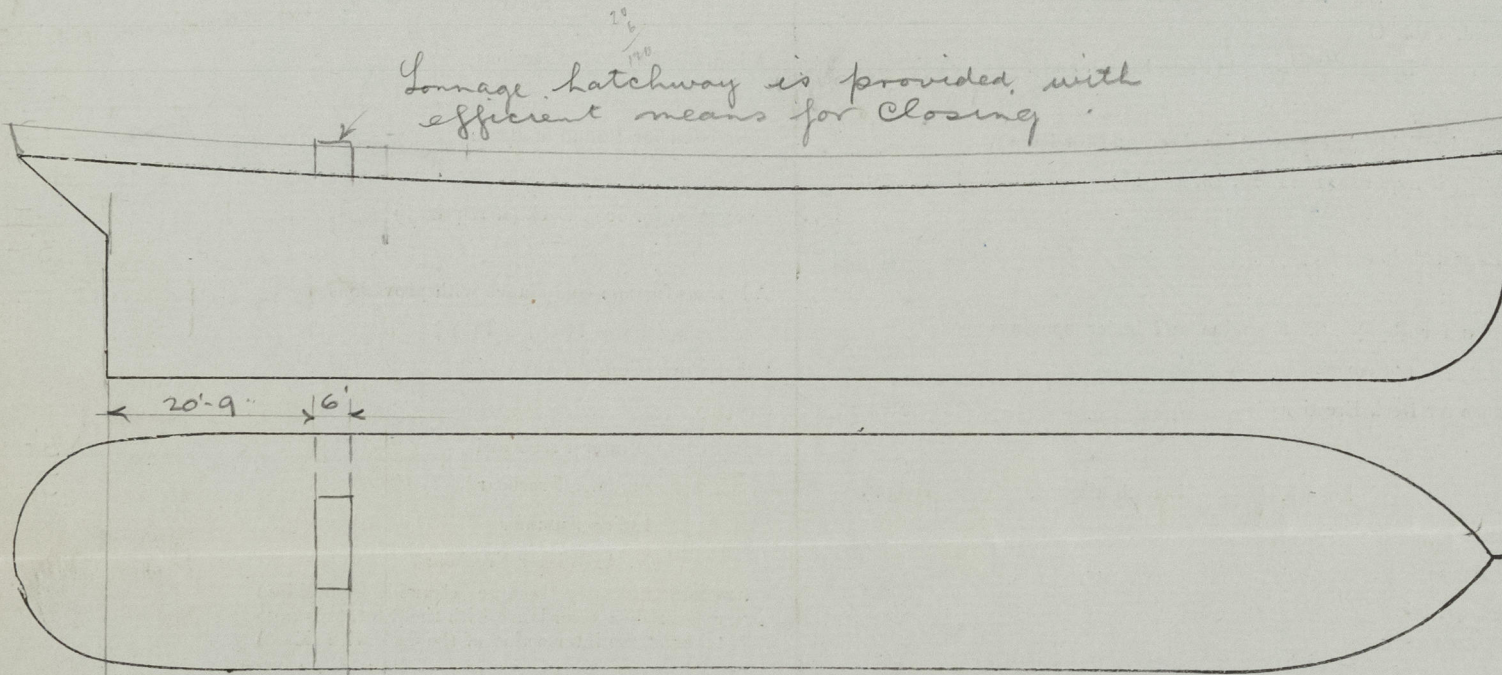
Are the Weather Deck Hatchways efficiently constructed and at least equal to the Rule requirements? *Yes*

What is the thickness of the Hatches?

State the height of the Coamings in Fore Well

In After Well

State any special features in the construction of the Vessel



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