

Lloyd's Register of Shipping

SURVEYS FOR FREEBOARD. STEAM SHIPS.

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 Riverpool
Date of Survey 13th November 1919.
Name of Surveyor W.W. Cole

Ship's Name. "DEVERON" Port of Registry and Nationality. Riverpool British Official Number. 87585 Gross Tonnage. — Date of Build. 1919 Particulars of Classification. 100 A.I. CLASS CONTEMPLATED
Number in Register Book 11741

| Registered dimensions from Ship's Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK TONNAGE. |
|---|--------------|----------------------|---------------------|---------------------|
| | <u>120.0</u> | <u>22.1</u> | <u>9.0</u> | <u>184.94</u> |
| Length on | <u>120</u> | Frame Depth <u>5</u> | Ceiling <u>9.36</u> | Peak |
| LINE. | | Rule <u>3</u> | Sheer <u>+ 26</u> | Tanks |
| | | <u>2</u> | | |
| | | <u>33</u> | | |
| CTED | <u>120</u> | <u>21.77</u> | <u>9.56</u> | <u>187.94</u> |
| SIONS. | | | | |

Efficient of fineness..... 81 .75

modification necessary {
Para. 4 (a) to (e)* }

Efficient as corrected75

Stem..... 42 } 63 $\div 2 = 31.5$... Mean 31.36
Sternpost ... 21 } 22 36 9.36

at $\frac{1}{8}$ of the length from { Stem 23 } 34.5 $\div 2 = 17.25$... Mean 17.25
Sternpost 11.5 } 55 31.36

ual mean Sheer 17.25 = 31.36

lard mean Sheer [Table, Para. 18] 13.2 Correction

Difference..... 4.05 $\div 4 =$

limited as Para. 18 (f)..... — 1

se in Sheer { At front of bridge house.....
n amidships {
ra. 18 (e) } At after end of forecastle

all in Sheer { nie $\div 2 =$
ra. 18 (d) }
th uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

board, Table C..... 2 $\frac{1}{2}$
ction for Length, if required (Para. 12, 13, and 14)

board by Table A, corrected for sheer, and for length, { 1-4 $\frac{3}{4}$
if required (Para. 12, 13, and 14) }

rence 1-2 $\frac{1}{4}$

ntage as below..... 35.12

5.0

ction for R. Q. Dk. if engine and boiler openings not {
covered by bridge house (Para. 11) }

ance for Deck Erections — 5

| | Length. | Height. |
|----------------|---------------------------------------|-------------|
| astle..... | <u>19.75</u> <u>mid.</u> <u>18.04</u> | <u>6.25</u> |
| e House | <u>8.75</u> <u>8.75</u> | <u>7.00</u> |
| ed Qr. Dk..... | <u>40.75</u> <u>39.05</u> | <u>3.00</u> |

Total 69.25 65.84 $\times 8 = 4.39$

Length of Ship 120 5.77 120 eight

Corresponding percentage { 35.12 %
(Para. 11, 12, 13, or 14) }

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

| | |
|----------------------------|----------------------|
| Fresh Water Line | above centre of Disc |
| Indian Summer Line | " " " |
| Winter Line | below " " |
| Winter North Atlantic Line | " " " |

18.11.19

§ 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 flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

Am. S. 17, T.

Moulded Depth as measured..... 10.0

Addition for Keel below base line
for draught record..... 4 $\frac{1}{2}$ inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 120.0

Length in Table 120

Difference

Correction for 10ft., Table A.

Table C.

\times Difference divided by 10 (if required.)

If $\frac{1}{10}$ ths length covered divide by 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered577

Thickness of usual wood deck, less stringer 3-4 = 2.6
1.5 — 1 $\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 22.6

Round of Beam 5 $\frac{1}{2}$

Normal round..... 5 $\frac{1}{2}$

Difference $\div 2 =$

Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 1-4 $\frac{3}{4}$

Correction for Sheer — 1

Correction for Length 1-3 $\frac{3}{4}$

Correction for Round of Beam..... — 5

Allowance for Deck Erections 0-10 $\frac{3}{4}$

Correction for Round of Beam..... — 1 $\frac{1}{2}$

Correction for fall in Sheer (if any)..... — 1 $\frac{1}{2}$

Correction for Iron Deck (if required)..... 0-9 $\frac{1}{4}$

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

Other Corrections (if any)

Winter Freeboard 0-6 $\frac{1}{4}$

Summer Freeboard 0-7 $\frac{3}{4}$

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 iron deck with side.

Winter Freeboard from deck line 0-10 $\frac{1}{4}$

Summer " " " 0-8 $\frac{3}{4}$

Indian Summer " " "

N. A. Winter " " "

..... 0-8 $\frac{1}{2}$ 2 $\frac{1}{2}$

† 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.

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Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes
 To what height do the Reverse Frames extend? Top of floors
 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 No openings.
 Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? Yes Has the Bridge House an efficient Bulkhead at the fore end? Yes
 Give particulars of the means for closing the openings in Bulkhead No openings
 What is the thickness of the Bridge Front plating? .24 and Coaming plate? .28
 Give scantlings and spacing of the Stiffeners 4" x 3" x .30" spaced 27"
 Are bracket plates fitted at each end of the Stiffeners? Bottoms only 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? No openings.
 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 Yes
~~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 .24. Coaming .30. Stiffers 2 1/2" x 2 1/2" x .25 spaced 30"
 What is the height of the exposed Casings? 6'-6" 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. | | 38'-6" x 12'-6" | | | | | | | | | |
|-------------------------------|------------------------------|----------------------|-------|----------------|-------|-------|-------|-------|-------|-------|-------|
| Item. | | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. |
| COAMING. | Height above top of DECK | 2'-6" | 2'-0" | | | | | | | | |
| | Sides..... | .44 | .44 | | | | | | | | |
| | Ends..... | .44 | .44 | | | | | | | | |
| SHIFTING BEAMS OR WEB PLATES. | Number | 7 | | 7 | | | | | | | |
| | Section and Scantlings | Plank .32 | | 20" at centre. | | | | | | | |
| | Material | Angles 3" x 3" x .42 | | 11" at side. | | | | | | | |
| FORE AND AFTERS. | Number | | | | | | | | | | |
| | Section and Scantlings | | | | | | | | | | |
| | Material | | | | | | | | | | |
| HATCHES Thickness | | 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.

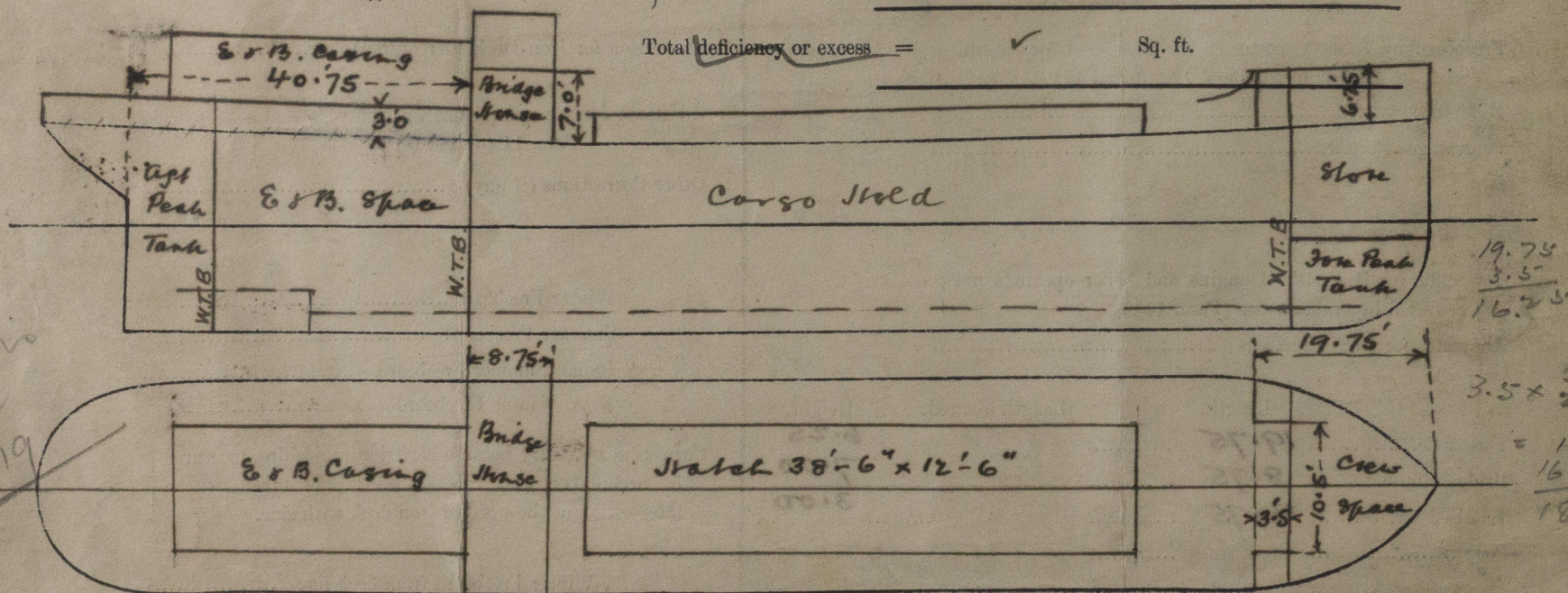
Length of Bulwarks in well 50.75

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 12 Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = 12 Sq. ft.

2.0 x 1.5 x 4

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.

(See also Cir Rpt 78090 and Lon Ltr M. 2.9.18).

State any special features in the construction of the Vessel

Owners

Address

No. 1-0 was charged on Cir Rpt No 78090.

Fee £

Received by me



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