

EXT

Sov 30/5/32

Index No. 27564
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

TUE NOV. 23 1920

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ALL COPY WRITTEN.

ARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR
AWNING DECKS.

Port of Survey Glasgow

Date of Survey While Building

Name of Surveyor J. A. L. Craig

Messrs. John Brown 464

Ship's Name.

Montcalm.

Number in Register Book 80432 Supp

Port of Registry
and Nationality.
Liverpool
BritishOfficial
Number.

145903

Gross
Tonnage.

Date of Build.

1920

Particulars of Classification.

+ 100 A1. (Contemplated).
Shelter dk with freeboard

| Registered dimensions from Ship's Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK Tonnage. |
|---|---------|---|---|------------------------|
| | 549.5 | 70.25 | 30.2 | 9093.89 |
| Length on LOADLINE | 546 | Mean Frame Depth 9 1/4 Rule " 8 1/2 Say 8 1/4 1 3/4 x 2 = 3 - 21 = -29 only. | Ceiling + 16 Sheer + 39 (Ceiling over bit high tanks only). | Peak Tanks |
| CORRECTED DIMENSIONS. | 546 | 70.04 69.96 | 30.75 | 9093.89 |

Co-efficient of fineness

Any modification necessary

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

Co-efficient as corrected

Allowance for strength in excess of Lloyd's rules =

State particulars—

Moulded Depth as measured 34' 6"
Main Deck.
43' 3"
Awning Deck.

Keel below base 1 5/8"

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

CORRECTION FOR LENGTH:—

| | |
|---------------------------------|---------------|
| Length of Ship on Load Line.... | 546 |
| Length in Table..... | 414 |
| Difference..... | 132 |
| Correction for 10ft..... | 8 |
| × Difference ÷ 10 = | 1056 + 10 1/2 |

Height of 'Tween Decks..... 8' 9"
(From top of beam to top of beam at side)
Correction for Height of 'Tween Decks in Spar-decked Ships.....

| | |
|---|-----------|
| Freeboard Table C..... (9' 4") - (3' 2") | 6' 2" |
| Correction for Length..... | + 10 1/2 |
| | 7' 0 1/2 |
| Correction for Height of 'Tween Decks in Spar-decked Ships..... | 8' 9 |
| | 15' 9 1/2 |

Correction for Strength in excess of Lloyd's rules.....

| | |
|---|------------|
| Correction for Iron Deck if required..... | - 1 1/2 |
| Other Corrections (if any)..... | 15' 8" |
| | + 10 5/16 |
| | 16' 8 1/16 |

| | | |
|------------------------------|---|------------|
| Winter Freeboard..... | } | 16' 1 1/2" |
| Summer Freeboard..... | | |
| Indian Summer Freeboard..... | | |
| N.A. Winter Freeboard..... | | |

Correction necessary because clearside amidships measured
in accordance with the Statute is not taken at inter-
section of the wood on iron deck with side

| | | |
|--------------------------------------|---|------------|
| Winter Freeboard from Deck Line..... | } | 16' 9 1/4" |
| Summer " " "..... | | |
| Indian Summer " " "..... | | |
| N.A. Winter " " "..... | | |

2" COMPOSITION ON SHELTER
For all seasons. 16' 8" 11' 2"

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

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

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full
scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-
decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

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

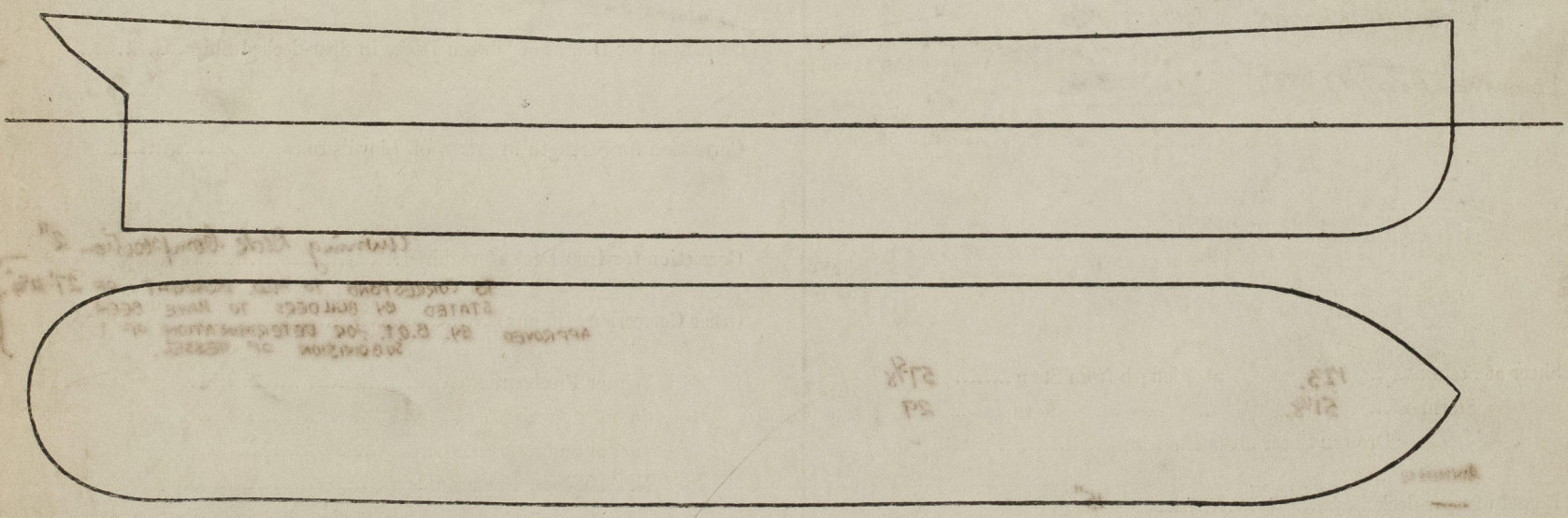
APPROVED PLANS OF LONGTH AND MID. SECTIONS ALSO FREEBOARD REQUEST FORMENCLOSED HERE WITH
MARKING REPORT
RECEIVED 25. 8. 21

Do all the Frames extend to the top Height in the Spar deck? Awning deck? *yes.*
Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?
To what height do the Reverse Frames extend? *To lower Sk. in way of same, and to main Sk. clear of lower Sk.*
Has the Poop an efficient Iron Bulkhead at the fore end?
Give particulars of the means for closing the openings in Bulkhead
Is the Poop connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?
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?
Has the Bridge House an efficient Iron Bulkhead at the after end?
How are the openings closed?
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?
Are the Engine and Boiler openings covered by a Bridge, Poop, *yes.*
or enclosed by a Strong Iron or Steel Dockhouse?
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 'B' Deck. 15'9" x 16'0" | | No 2 'B' Deck. 20'6" x 16'0" | | No 3 15'2 1/2" x 16'0" | | No 4 'A' Deck. 18'3" x 16'0" | | Nos 5, 6, & 7. 'B' Deck. 15'2 1/2" x 16'0" | |
|-------------------------------|------------------------------|--|--|---|---|-------------------|------------------------------|-------------------|--|-------------------|
| Item. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rate. APPROVED | Ship. | Rate. APPROVED |
| COAMING | Height above top of DECK | 33 | 24 | 33 | 18 | 33 | 33 | 33 | 33 | 33 |
| | Sides..... | 44 | 44 | 48 | 44 | 48 | 30 | 30 | 40 | 40 |
| | Ends..... | 44 | 44 | 44 | 44 | 44 | 30 | 30 | 40 | 40 |
| SHIFTING BEAMS OR WEB PLATES. | Number | | | | Two. 11 x 30 | Two. 11 x 30 | Two. 12 x 32 | Two. 12 x 32 | Two. 11 x 30 | Two. 11 x 30 |
| | Section and Scantlings | | | | 4 @ 3 x 3 x 4 1/2 | 4 @ 3 x 3 x 4 1/2 | 4 @ 3 x 3 x 4 1/2 | 4 @ 3 x 3 x 4 1/2 | 4 @ 3 x 3 x 4 1/2 | 4 @ 3 x 3 x 4 1/2 |
| | Material | | | | Steel. | Steel | Steel. | Steel | Steel. | Steel. |
| * FORE AND AFTERS. | Number | Three. 40 web at Cr. and 6 x 3 x 44 BA. each side. | Three. 40 web at Cr. and 6 x 3 x 44 BA. each side. | Three. 18 x 44 web at Cr. and 8 x 3 x 40 BA. each side. | Three. 18 x 44 web at Cr. and 8 x 3 x 40 BA. each side. | | | | | |
| | Section and Scantlings | | | | | | | | | |
| | Material | | | | | | | | | |
| HATCHES Thickness | 44 Steel. | | 44. Required steel. | | 3" W.P. | 2 1/2 | 3" W.P. | 2 1/2 | 3" W.P. | 2 1/2 |
| Remarks..... | | | | | | | | | | |

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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.)



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.

Owners
Address
Fee £ 8 : 8 : 0 Received by me