

№ 1207

(Form N-11 attached.)
LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

New York Shipbldg. Co's T.S.S. No. 5.

Date of Survey 13 Oct. 1903

Name of Surveyor J. M. Auslan

de 33'10" + 17-0 m de - sur detail plan

Particulars of Classification.

100 A.1. Shells etc. with freeboard
(contemplated)

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,
HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

continuous shelter deck having tonnage opening aft' 150 x 87 ft., no more; so far as ...
Particulars of Classification

Ship's Name.	Gross Tonnage.	Official Number.	Type of Ship.	Date of Build.	Particulars or Classification.
MONGOLIA	13639	✓	35% Rule Shell dk.	1903-4	100 A.1. Shell dk. with freeboard (contemplated)
Number in Register Book	1038				

Registered Length 600' Breadth 65.3' Depth 39.1' *6 ft. dk.* Moulded Depth as measured *5 ft. 11 in. dk.* 43-4

Length on Loadline 599.25'
Breadth 65.3'

3/4" deck plank is laid on upper deck; no wood deck however is laid for 52.6' port and 70.0' starboard, in way of amidships.

Depth..... 39.1' 11,603 includg. peak tanks
Tons
and Dk.

$$\begin{array}{r} 11,603 \times 100 \\ \hline 1,530,023. \end{array}$$

Co-efficient of fineness 75.8 ✓
Any modification necessary {
[Para. 4 (a) to (e) } *bell. S.B.*
Co-efficient as corrected 73.8 ✓ *Tag 74*

$\frac{1}{2}$ gradual = 72.96 at ends.
 Sheer { Stem... 119 $\frac{1}{2}$ } $167 \div 2 = 83.5$... Mean
 at { Sternpost... 47 $\frac{1}{2}$ }
 Sheer at $\frac{1}{8}$ of the length from { Stem 64.5 } = 40.125"
 { Sternpost 15.75 }
 Standard Sheer (Table, Para. 16)..... 69.92" Correction
 Difference..... $3.04 \div 4 = - \frac{3}{4}"$

Rise in Sheer from amidships [Para. 16 (e)]	{	At front of bridge house.....
		At after end of forecastle

ALLOWANCE FOR DECK ERECTIONS:—	
Freeboard, Table C.....	10'-2 $\frac{1}{4}$ "
Correction for Length, if required (Para. 12 and 13)	
Freeboard by Table A. corrected for sheer, and for length, } if required (Para. 12 and 13)	12'-5 $\frac{1}{2}$ "
Difference	2'-3 $\frac{1}{4}$ "
Percentage as below.....	82.9%
	= 22 $\frac{1}{2}$ "

Correction of R. Q. Dk. less than 4ft. high, or if engine and
boiler openings not covered by bridge house }

• Allowance for Deck Erections		Length.	Length allowed.	Height.
Forecastle.....		28.0 } 1/8 L	74.9 ✓	8.0
Bridge House		483.25 } 3/4 amid.	327.26 ✓	8.0
<i>Opening</i> Raised Or. Dk.		15.00		
<i>31.75 closed</i> Poop.....		73.00	52.37 ✓	8.0
Total		599.25	454.53 ✓	
Length of Ship		$599.25 - 454.53 = 144.72$		
Corresponding percentage		$\frac{144.72}{2} + 454.53 = 526.89 = .879 \text{ of } L$		
(Para. 11, 12, or 18.)		$= 82.9\%$		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck

Line	Position
Fresh Water Line	above centre of Disc
Indian Summer Line	" " "
Winter Line	below " "

30. 10. 03 Winter North Atlantic Line
 nage opening 15'-0" x 25'-0" wide with efficient "tem"
 Particulars should be stated on the back of this Form as to the character of the Erections, and
 whether closed in or not. 25'-0" x 17'-0"

CORRECTION FOR LENGTH:—	
Length of Ship on load line.....	599.25
Length in Table	520.00
Difference*	79.25
Correction for 10ft., Table A.	1.7
× Difference* divided by 10	13.47
If $\frac{6}{10}$ ths length covered divide }	(if required.)
by 2.	+ 6 $\frac{3}{4}$ "

CORRECTION FOR IRON DECK :—

Proportion covered, if less than $\frac{7}{10}$ ths length covered	
Thickness of usual wood deck, less stringer.....	— 3½"

CORRECTION FOR ROUND OF BEAM:—

Round of Beam.....	8 1/2	
Normal round	16 1/4	
Difference	7.75	÷ 2 =..... 3.875
Proportion of Deck uncovered (Para. 17)	All covered	

Freeboard, Table A	-	12-6 ¹ / ₄ ✓
Correction for Sheer	-	12-5 ¹ / ₂ ✓
Correction for Length	+	6 ³ / ₄ ✓
Allowance for Deck Erections	-	13-0 ¹ / ₄ ✓
Correction for Round of Beam..... ✓	-	1-10 ¹ / ₂ ✓
Correction for Iron Deck (if required)	-	11-1 ³ / ₄ ✓
Corrections for non-compliance with provisions of } Para. 11 (e) and (f) ↑	-	3 ¹ / ₂ ✓
Other corrections (if any).....	-	10-10 ¹ / ₄ ✓
Winter Freeboard		10-2 ¹ / ₄
Summer Freeboard		
N. A. Winter Freeboard		
Correction necessary because clear side amidships measured } in accordance with the Statutes is not taken at the } intersection of the deck with side. <i>other</i>		2" ✓
Winter Freeboard from deck line†		11-0 ¹ / ₄
Summer " " " "		10-4 ¹ / ₄
N. A. Winter " " " "		-

Line :— at Upper deck ... 10'-4"

† State dimensions of freeing port area on the back of this form.
 * Marked in accordance with Sec. 25, 76.

W1008-0052

3,500. 21,500. Trans. Ink.

W1008-0052

8" ✓
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(See detail plan)
Lloyd's Register
Foundation

1669

ERASE 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 $\times 2 \div$
Freeing Ports

= Sq. Ft.

Ft. Tenths. Ft. Tenths. No. }
 \times \times
 \times \times

= Sq. Ft.

Total deficiency = Sq. Ft.

Total excess =

CHARACTER OF DECK ERECTIONS.

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

Do. do. do. do. ~~Raised Quarter Deck?~~

Do. do. do. do. ~~Bridge House?~~

Do. do. do. do. ~~Forecastle?~~

To what height do the Reverse Frames extend? *Channel framing all to Shelter deck.*

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

State whether the Bridge House efficiently covers the Engine and Boiler Openings *Yes*

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

Are efficient Doors fitted to the Passage Ways? *No doors at fore end*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *Channels & Webs.*

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

Are efficient Doors fitted to the Passage Ways? *Wood doors fitted at after end.*

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above? *-*

Has the Forecastle an efficient Iron ~~or Wood~~ Bulkhead at its after end? *Yes.*

Are the Hatchways efficiently constructed? *Yes* State the height of the Coamings *17" on Shelter deck.*

Are the Hatches solid? *Yes* What is their thickness? *3"*

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *Yes*

State any special features in the construction of the Vessel: *This vessel is now building to 3rd Rule, having a continuous shelter deck all fore & aft with a tonnage opening at after end 15'-0" x 3'-0" with efficient temporary covering boards fitted to same. A complete Bridge deck is also fitted on top of Shelter deck 203.75' long & 8'-0" high, having efficient bulkheads at the fore & after ends.*

This is a similar vessel to the T.S.S. "Minneapolis" (No. 925 in Reg. Book) built by Harland & Wolff Ltd. Belfast.

D. M. Auslan.

Owners

„ Address

Fee £

Received by me



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