

Kennebec
Rpt. 11b.

EXT m.c. 26-28

27745
Report No. 17461

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 Greenock
Date of Survey Built under Special Survey
Name of Surveyor Robert Howie

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>S.S. "WAA MOGUL"</u> <u>Messrs. R. & J. Duncan & Co. Ltd. 11340</u> Number in Register Book	<u>London</u> <u>British</u>	<u>143361</u>	<u>5548</u>	<u>1919</u>	<u>+100A1 "Carrying petroleum in bulk" (contemplated)</u>

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>400.3</u>	<u>52.2</u>	<u>26 Longitud.</u> <u>30.81</u>	<u>4696.34</u>
Length on LOADLINE.	<u>399.6</u>	Frame Depth 10' NO Rule " 6 Sheer - 22 - 66 No spanning = + 33	Ceiling + 22 - 25	Peak { Included + 95 tons D.B.W. 248 sp. 4 for hold Ordinary floors in after hold
CORRECTED DIMENSIONS.	<u>399.6</u>	<u>51.84</u>	<u>30.49</u>	<u>4791.34</u>

Co-efficient of fineness..... .75
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected75

Sheer { Stem..... 90" } 138" ÷ 2 = 69" ... Mean
at { Sternpost ... 48" }
Sheer at $\frac{1}{2}$ of the length from { Stem 28" } 46" ÷ 2 = 33" ... Mean
{ Sternpost 18" } ÷ 55 = 41.81
Gradual mean Sheer as per curve 40.83
Standard mean Sheer [Table, Para. 18] 49.96 Correction
Difference..... 9.13 ÷ 4 = 2.28
= + 2 1/4"

§ If limited as Para. 18 (f).....
No shear for 192' amidships.

Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastle

¶ Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 4-9
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, } 8-0 3/4
if required (Para. 12, 13, and 14) }
Difference 3-3 3/4
Percentage as below..... 54.54

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections 1-9 3/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>38.6'</u>	<u>38.6'</u>	<u>7.5' 6.5'</u>
Bridge House.....	<u>121.0</u>	<u>121.0</u>	<u>7.5'</u>
Trunk Dk.....	<u>190.5</u>	<u>88.77</u>	<u>7.5'</u>
Raised Qr. Dk.....	<u>49.5</u>	<u>49.5</u>	<u>4.5' 6.75</u>
Poop.....	<u>399.6</u>	<u>297.87</u>	<u>74.54</u>
Total	<u>399.6</u>	<u>297.87</u>	<u>74.54</u>

Length of Ship 399.6
Corresponding percentage {
(Para. 11, 12, 13, or 14) } 54.54%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Steel Deck :-
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line 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.
§ 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.

1m, 5, 17, T.

Moulded Depth as measured..... 31'-0"
Addition for Keel below base line for draught record..... 2 1/2 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 399.6
Length in Table 372.0
Difference 27.6
Correction for 10ft., Table A. 1.6 Table C.
× Difference divided by 10 4.41 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 + 2 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer -3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 51.5'
Round of Beam 12 3/4
Normal round.....
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 4-10 1/2
Correction for Sheer + 2 1/4
8-0 3/4
Correction for Length + 2 1/4
8-3
Allowance for Deck Erections - 1-9 3/4
6-5 1/4
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) - 3 1/2
6-1 3/4
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard 6-1 3/4
Summer Freeboard 5-7 3/4
Indian Summer Freeboard 5-1 3/4
N.A. Winter Freeboard

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the steel deck with side. } + 1 3/4

Winter Freeboard from deck line 6-3 1/2
Summer " " " " 5-9 1/2
Indian Summer " " " " 5-3 1/2
N.A. Winter " " " " 5-9 1/2

Steel Deck :-
Fresh Water Line -4
Indian Summer Line -6
Winter Line -6
Winter North Atlantic Line ✓

† 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? *Yes.* Raised Quarter Deck? *✓* Bridge House? *Long. Eng.* Forecastle? *Yes.*
 To what height do the Reverse Frames extend? *Longitudinal framing, amidships, Bull angle framing at ends.*
 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 *Strong hinged steel doors.*
 What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*
 Give scantlings and spacing of the Stiffeners *B.A. 8, 3x66 at sides of trunk, with horizontal brackets, horizontal stiffeners B.A. 9, 3x46 in way of trunk all as per approved plans*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are horizontal 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? *Shifting boards, full height, fitted in channels, which are riveted to bulkhead.*
 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 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Lowered by a Bridge house.*
 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. ✓*

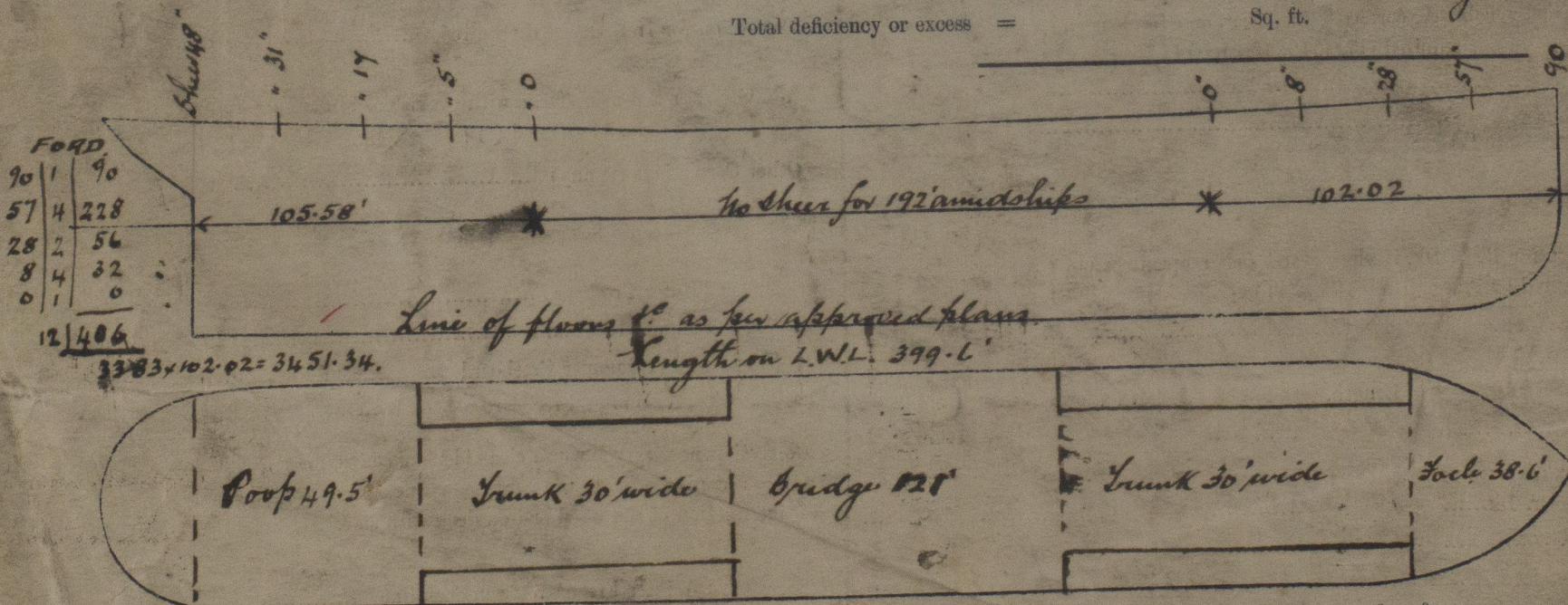
Position and Size.	N ^o 1 23' x 18'		Bunkers 6-9 x 18'		N ^o 2 13' x 18'		Ship.	Rule.	Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.				
COAMING. Height above top of DECK	30"		30"		30"				<i>Oil tight hatchways on top of trunks leading to oil tanks in accordance with approved plans.</i>	
Thickness { Sides.....	44		40		44					
Ends.....	44		40		44					
SHIFTING BEAMS OR WEB PLATES. Number.....	4		1		2					
Section and Scantlings.....	16 x 36 with 4 angles		14 x 34 2 angles		16 x 36 with 4 angles					
Material.....	4 x 3 x 44		6 x 3 x 40		4 x 3 x 44					
FORE AND AFTERS. Number.....	<i>no fore and afters in hatchways</i>									
Section and Scantlings.....										
Material.....										
HATCHES Thickness.....	2 1/2"		2 1/2"		2 1/2"					
Remarks.....	<i>Solid W.P.</i>		<i>Solid W.P.</i>		<i>Solid W.P.</i>					

* 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?*

AFTSNEERS 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
 Area of Freeing Ports required by Para. 11 (e) each side of vessel =
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) =
 Total deficiency or excess =
 Sq. ft. *gradual mean there*



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 *This vessel has been built in accordance with the approved plans and is a sister vessel to others of the type 'L' carrying petroleum in bulk, copy of approved plans now in the London Office. Freight and request form herewith.*

Owners *The Shipping Controller*

Address

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