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Index No. 33213.
(For London Office only.)

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 Glasgow
Date of Survey While building
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>T.S.M.V. "MANUNDA"</u>		<u>152933</u>		<u>1929</u>	<u>+100A.1. With freeboard. (Contemplated)</u>
Number in Register Book					
Registered dimensions from Ship's Register.	LENGTH. <u>430.0</u>	BREADTH. <u>60.25</u>	DEPTH. <u>26.1</u>	UNDER DECK TONNAGE. <u>4784.15</u>	Moulded Depth as measured..... <u>38'-6 1/4"</u>
Length on LOADLINE.	<u>430.0</u>	Frame Depth <u>9</u>	Ceiling <u>fitted</u>	Peak <u>1 incl.</u>	NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.
CORRECTED DIMENSIONS.	<u>430.0</u>	<u>59.92</u>	<u>33.88</u>	<u>6693.66</u>	Actual..... <u>38'-6 1/4"</u>
Co-efficient of fineness.....	<u>.72</u>				
Any modification necessary [Para. 4 (a) to (e)]*	<u>C.D.B</u>				
Co-efficient as corrected	<u>.70</u>				
Sheer {Stem..... <u>90</u>	<u>119 ÷ 2 = 59.5</u>	Mean <u>36 1/10.18</u>			
at {Sternpost... <u>29</u>					
Sheer at 1/2 of the length from {Stem <u>54.5</u>	<u>69.5 ÷ 2 = 34.75</u>	Mean <u>55.63.18</u>			
Gradual mean Sheer	<u>58.00</u>	Correction			
Standard mean Sheer [Table, Para. 18]	<u>8.34 + 4 = 2.08</u>				
§ If limited as Para. 18 (f)	<u>-2"1</u>				
Rise in Sheer {At front of bridge house..... ✓					
from amidships {At after end of forecastle..... ✓					
Fall in Sheer {Para. 18 (d)..... ✓					
Length uncovered		Correction			
ALLOWANCE FOR DECK ERECTIONS :-					
Freeboard, Table C.....					
Correction for Length, if required (Para. 12, 13, and 14)					
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)					
Difference					
Percentage as below.....					
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)					
Allowance for Deck Erections					
Length.....	Length allowed.....	Height.....			
Forecastle..... <u>82.0</u>		<u>8.0</u>			
Bridge House					
† Raised Qr. Dk.....					
Poop.....					
Total					
Length of Ship					
Corresponding percentage (Para. 11, 12, 13, or 14)					
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-					
Fresh Water Line above centre of Disc					
Indian Summer Line					
Winter Line below					
Winter North-Atlantic Line					
Freeboard, Table A.....					
Correction for Sheer					
Correction for Length					
Allowance for Deck Erections					
Correction for Round of Beam.....					
Correction for fall in Sheer (if any).....					
Correction for 3' wood on Steel Deck (if required)					
Additions for non-compliance with provisions of Para. 11 (d) and (e)					
Other Corrections (if any)					
Winter Freeboard					
Summer Freeboard					
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 (steel) deck with side. (28.25) ÷ 30.0 × 9 = 7.96					
Winter Freeboard from deck line					
Summer " " " "					
Indian Summer " " " "					
N.A. Winter " " " "					
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)					
Allowance for Deck Erections					
Length.....	Length allowed.....	Height.....			
Forecastle..... <u>82.0</u>		<u>8.0</u>			
Bridge House					
† Raised Qr. Dk.....					
Poop.....					
Total					
Length of Ship					
Corresponding percentage (Para. 11, 12, 13, or 14)					

5 APR 1929

† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abn't 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 stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

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 point of measurement at the survey, and also the usual heel 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? ☒ Bridge House? ☒ Forecastle? ☒

To what height do the Reverse Frames extend? ☒

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

Give particulars of the means for closing the openings in Bulkhead ☒

Is the Poop or Raised Quarter Deck 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, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? ☒ *Covered by a complete superstructure and steel Deck Houses above*

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:— ☒

Requirements of Section 28 of the Rules for 1904-5? Give particulars below:—											
Position and Size.		No. 1. 16' 9" x 12' 0"		No. 2. 24' 6" x 16' 0"		No. 3. 15' 0" x 15' 0"		26' 0" x 15' 0"		17' 6" x 15' 0"	
Item.		Ship. Rule.		Ship. Rule.		Ship. Rule.		Ship. Rule.		Ship. Rule.	
COAMING.	Height above top of DECK	3 1/4"		30"		30'		30'		30'	
	Thickness {	Sides	1/4"								
		Ends	1/4"								
SHIFTING BEAMS OR WEB PLATES.	Number	3		4		2		4		3	
	Section and Scantlings	Platt 12x30		14x34		11 1/2 x 31		11 1/2 x 31		11 1/2 x 32	
	Material	St. 3x3x40		3 1/2 x 3 x 42		3 1/2 x 3 x 40		3 1/2 x 3 x 40		3 1/2 x 3 x 40	
FORE AND AFTERS.	Number	1		1		1		1		1	
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2"		3"		2 1/2"		2 1/2"		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

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

Sq. ft.

Ft. Tenths. Ft. Tenths. No.

3' 0" x 1' 46" x 7

Freeing Ports (each side of vessel) =

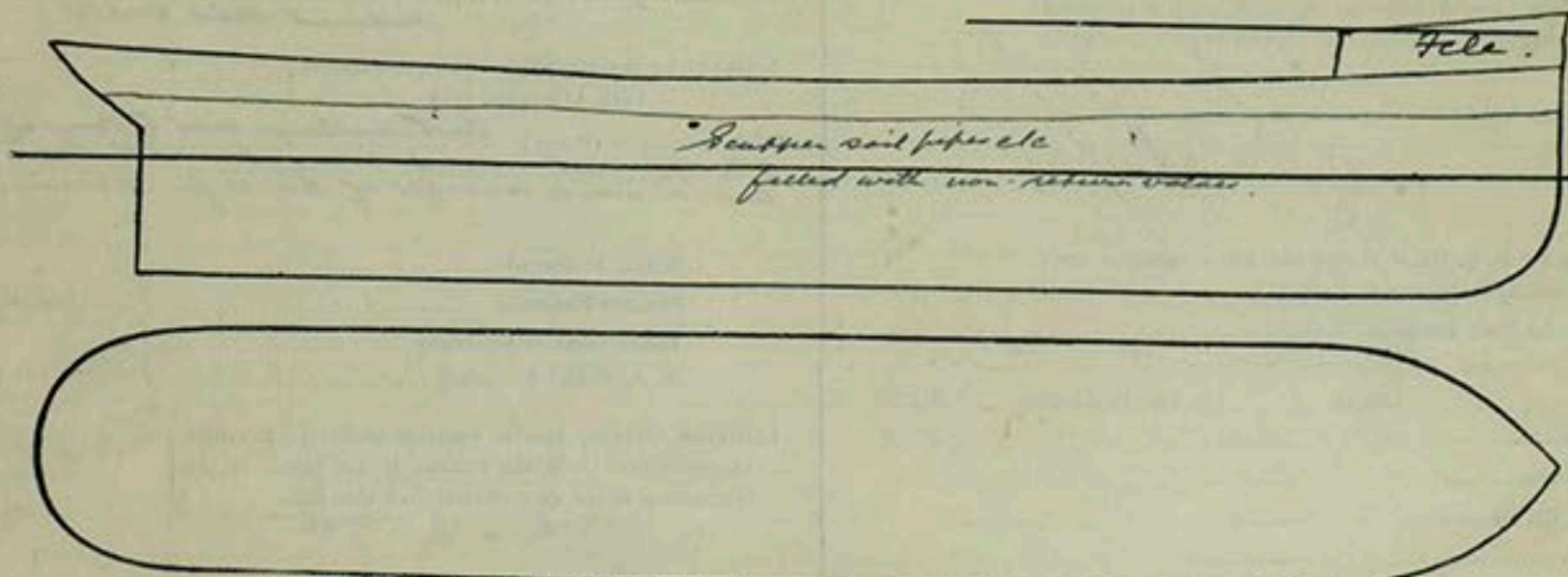
30.66

Sq. ft.

For class only.

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.

State any special features in the construction of the Vessel

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £

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