

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

28 AUG 1926

PARTICULARS RELATING TO ALL STEAM SHIPS ~~WITHER 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 Genoa  
Date of Survey Spring Construction  
Name of Surveyor James D. Kingston

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<b>ROMA</b>	<b>GENOA</b> <b>ITALIAN</b>			<b>SEE FIRST ENTRY</b>	<b>PROPOSED 100A1 WITH FREEBOARD</b>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<b>666.33</b>	<b>82.87</b>	<b>47.24</b>	<b>21014.83</b>
Length on Loadline.	<b>683.1</b> <b>664.72</b>	Frame Depth <b>74</b> Rule <b>9.45</b> <b>78.74</b> <b>2.45 x 2 = 4.9</b> <b>FOR SPAR &amp; CLOSE CEILING IN PART</b>	Ceiling <b>No</b> Sheer <b>+1.23</b> <b>.28</b>	Peak <b>Correction</b> <b>FOR DEEP</b> <b>TANKS DOUBLE</b> <b>BOTTOM FOR</b> <b>RAFT</b> <b>+294.65</b> <b>For 7 1/2 frames in between</b>
CORRECTED DIMENSIONS.	<b>683.1</b> <b>664.72</b>	<b>82.66</b> <b>78</b>	<b>48.67</b> <b>76</b>	<b>21309.48</b> <b>21291.83</b>

Co-efficient of fineness..... **.775** **.794**  
Any modification necessary }  
[Para. 4 (a) to (e)]\* } **.02** **C.D.B.**  
Co-efficient as corrected ..... **.755** **.77** **use .76**

Sheer { Stem..... **152"**  
at { Sternpost ... **84"** }  $236 \div 2 = 118$  <sup>INS</sup> Mean **122.72**  
**76.47**  
**3048.25**  
**128**  
Sheer at  $\frac{1}{2}$  of the length from { Stem **88**  
Sternpost **47** }  $135 \div 2 = 67.5$  <sup>INS</sup> Mean **122.72**  
Gradual mean Sheer ..... **67 1/2** <sup>INS</sup>  
Standard mean Sheer [Table, Para. 18] ..... **47 45.88** <sup>INS</sup> Correction **.72**  
Difference..... **20.5**  $\div 4 = 5.125$   
**21.62**  
§ If limited as Para. 18 (f) ..... **= - 5 1/2**

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

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

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **11'-8"** **10 1/4**  
Correction for Length, if required (Para. 12, 13, and 14) ..... **5 1/4**  
Freeboard by Table A, corrected for shear, and for length, if required (Para. 12, 13, and 14) ..... **12'-2 1/4**  
**15'-0 3/4**  
**14'-11 1/8**  
Difference ..... **3'-2 1/2** **2'-9 1/8**  
Percentage as below ..... **41.4%** **42.5%**  
**15.94** **11.2**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) .....  
Allowance for Deck Erections ..... **1'-2 1/4"**

	Length.	Length allowed.	Height.
Forecastle.....	<b>102.95</b>	<b>100.0</b> <b>99.76</b>	<b>8'-4"</b>
Bridge House.....	<b>390.0</b>	<b>195.0</b>	"
† Raised Qr. Dk.....	<b>135.4</b> <b>117.02</b>	<b>131.8</b> <b>113.42</b>	"
Poop.....	<b>628.35</b>	<b>426.8</b> <b>408.18</b>	"
Total.....	<b>609.97</b>	<b>683.1</b>	<b>6.25</b>
Length of Ship.....	<b>664.72</b>	<b>664.72</b>	<b>6.14</b>
Corresponding percentage (Para. 12, 13, or 14).....	<b>41.4%</b>	<b>42.5%</b>	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck

FRESH WATER  
 $31400 \times 24$   
 $103.8 \times 1000 = 7.87$   
**10 SEP 1926**

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.

Moulded Depth as measured..... **51'-6 1/2"**  
TO "D" DECK

Addition for keel below base line for draught record..... **2** inches.

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

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... **683.1** **FEET**  
Length in Table ..... **618.1**  
Difference ..... **65**  
Correction for 10ft., Table A. .... **65.17** Table C. **65.17**  
× Difference divided by 10 ..... **= 4.05** (if required.) **65.17**  
If  $\frac{1}{10}$ ths length covered divide by 2  $\div 2 = 2.025$  **3.97** **+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..... **82.67**  
Round of Beam..... **7 1/8** **7.87**  
Normal round..... **2 1/8** **20.67**  
Difference ..... **12.8**  $\div 2 = 6.4 **5 1/4**  
Proportion of Deck uncovered (Para. 19) ..... **0.82** **525** **+1/2 INS**$

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A (extended)..... **15'-0 3/4** **14'-11 1/8**  
Correction for Sheer ..... **5 1/2**  
Correction for Length ..... **4**  
Allowance for Deck Erections ..... **2 1/4**  
Correction for Round of Beam..... **0 1/2**  
Correction for fall in Sheer (if any).....  
Correction for Iron Deck (if required) ..... **13'-6 1/4**  
Additions for non-compliance with provisions of  
Para. 11 (d) and (e)† ..... **8'-9 7/8**  
Other Corrections (if any) ..... **21'-6 1/4**  
**30'-0" moulded.**

Winter Freeboard ..... **21'-6 1/4**  
Summer Freeboard ..... **21'-6 1/4**  
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 or steel deck with side.  
 $7.87 - 7.87 (\frac{39.58}{41.33}) = 7.87 - 7.22 = .65$

Winter Freeboard from deck line ..... **21'-7"**  
Summer " " " " ..... **21'-7"**  
Indian Summer " " " " .....  
N. A. Winter " " " " ..... **21'-7"**

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RECEIVED 28 SEP 1926



Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House? Yes Forecastle? Yes  
 To what height do the Reverse Frames extend? Channel framing  
 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 Hinged Wood Doors  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? See sketch Has the Bridge House an efficient Bulkhead at the fore end? Open  
 Give particulars of the means for closing the openings in Bulkhead Open **NOTE:** Openings in ship's side plating are closed by efficient steel hinged doors closed by bolts, doors are packed + made doors to be open in watertight weather that climates  
 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? Open  
 How are the openings closed? Open  
 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? Yes  
 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:—

Position and Size.	FOR 15.75' x 11.5' (No. 1)	23.75' x 13.1' (No. 2)	9.0' x 13.1' (No. 3)	9.0' x 6.8' (2 OFF) (No. 4)	8.0' x 7.1' (No. 5)
Item.	TRUNKED TO SHIP'S DECK	TRUNKED TO SHIP'S DECK	TRUNKED TO SHIP'S DECK	TRUNKED TO SHIP'S DECK	TRUNKED TO SHIP'S DECK
COAMING.					
Height above top of DECK	30" SIDE	30" SIDE	Same as No. 1 and 2	Same as No. 1 and 2	Hatchways
Sides	34" C.R.L.	34" C.R.L.			
Thickness	.48"	.48"			
Ends	.48"	.48"			
STEEL					
Number	2	3	1	1	1
Section and Scantlings	11" x 10" PLATE .30" ANGLES 3x3x40	11" x 11 1/2" PLATE .30" ANGLES 3x3x40	Same as No. 2	7 1/2" x 9" PLATE .30" ANGLES 3x3x40	Same as No. 4 + 5 Hatchways
FORE AND AFTERS					
Number	NONE	NONE	NONE	NONE	NONE
Section and Scantlings					
Material					
HATCHES Thickness	2 3/4" INS. PINE SOLID	Same as No. 1	Same as No. 1	2 1/2" INS. PINE SOLID	2 1/2" INS. PINE SOLID
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. See profile plan forwarded.

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.

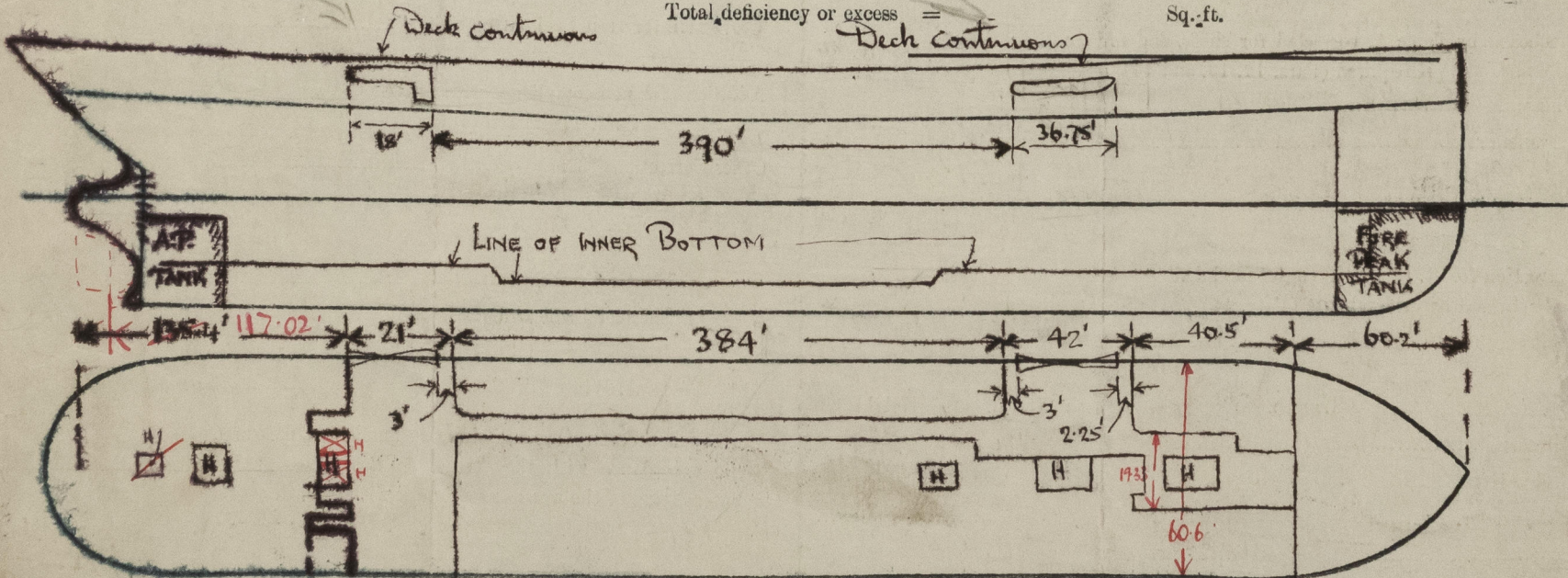
Ft. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) =

Sq. ft.

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

Received by me

Scantlings approved for a moulded draught of 33 feet. Ansaldo's No. 277

File Total 102.95  
 102 = 85.39  
 17.56

Sidchome  
 2 x 16.44 x 20.62 = 11.19  
 60.6 = 85.58  
 Total 102.95



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