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# 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 Naples & Genoa  
Date of Survey during construction  
Name of Surveyors J. Hodgson & J. G. D. D. D.

Ship's Name. <b>"ORAZIO"</b> Cantiere di Bora Yard N° 14 Number in Register Book <u>90372</u>	Port of Registry and Nationality. <u>Genoa</u> <u>Italian</u>	Official Number. <u>1481</u>	Gross Tonnage. <u>11668.87</u>	Date of Build. <u>1927</u>	Particulars of Classification. <u>+ 100 A.1. with Freeboard</u> <u>(Contemplated)</u>
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Registered dimensions from Ship's Register.	LENGTH. <u>482.8</u>	BREADTH. <u>61.81</u>	DEPTH. <u>32.38</u>	UNDER DECK TONNAGE. <u>7883.08</u>
Length on LOADLINE. <u>from fore side Stem to after side Sternpost</u> <u>481.5'</u>				
CORRECTED DIMENSIONS.	<u>481.5</u>	<u>61.58</u>	<u>34.38</u>	<u>7943.08</u>

Moulded Depth as measured... 36'-1"  
to D deck.

Addition for Keel below base line for draught record... 1 3/4 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... 481.5'  
Length in Table... 473.0  
Difference... 4.85

Correction for 10ft., Table A... 4.85 x 1.7 Table C. 4.85 x .8  
x Difference divided by 10... = 8.25 (if required.)  
If 1/10ths length covered divide by 2 = + 8 1/4 = 3 3/8 + 4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered... .534  
Thickness of usual wood deck, less stringer... 3 1/2  
(For portions of D deck covered with wood see plan attached) - 1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships... 61.66  
Round of Beam... 15"  
Normal round... 15.41  
Difference... 4.1 ÷ 2 = 2.05  
Proportion of Deck uncovered (Para. 19) ✓

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

Freeboard, Table A	<u>10'-0"</u>
Correction for Sheer	<u>- 4 1/4</u>
Correction for Length	<u>+ 8 1/4</u>
Allowance for Deck Erections	<u>10 - 3 1/2</u>
Correction for Round of Beam	<u>1 - 0 3/4</u>
Correction for fall in Sheer (if any)	<u>9 - 2 3/4</u>
Correction for Steel Deck (if required)	<u>- 1 3/4</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>9 - 1</u>
Other Corrections (if any) FOR SCANTLING AND TO CORRESPOND WITH DESIGN DRAUGHT of 27.0 and with freeboard as assigned by the Registro Italiano (SEE COPY FREEBOARD CERTIFICATE ATTACHED) REGISTRO ITALIANO ASSIGNMENT	<u>+ 7 5/8</u>
Winter Freeboard	<u>9 - 8 5/8</u>
Summer Freeboard	<u>9 - 1 5/8</u>
Indian Summer Freeboard	<u>-</u>
N. A. Winter Freeboard	<u>-</u>
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.	<u>+ 1 3/4</u>

Co-efficient of fineness... .779  
Any modification necessary [Para. 4 (a) to (e)]\* C.D.B.  
Co-efficient as corrected... .76

D deck Sheer (Stem... 123 1/2)  
as at (Sternpost... 58 1/2)  
measured GRADUAL AT STERNPOST = 54.54  
Sheer at 1/2 of the length from Stem 67  
Sternpost 30 } 97 ÷ 2 = 48.5 Mean

88.18  
58.15  
30.03  
10.01  
834

Gradual mean Sheer... 60.77  
Standard mean Sheer [Table, Para. 18]... 41.92  
Difference... 18.85 ÷ 4 = 4.71  
§ If limited as Para. 18 (f) - 4 3/4

Rise in Sheer from amidships [Para. 18 (e)]  
At front of bridge house...  
At after end of forecastle...  
Fall in Sheer [Para. 18 (d)]  
From amidships to lowest point abaft  
"1/16" ÷ 2 = ✓  
Length uncovered... Corrected...  
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.	<u>(10'-0" - 3'-2")</u>	<u>6'-10"</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+ 3 3/8</u>	<u>7 - 1 7/8</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)		<u>10 - 8 1/4</u>
Difference		<u>3 - 6 3/8</u>
Percentage as below	<u>30%</u>	<u>12 - 7 1/8</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>✓</u>	<u>1 - 0 3/4</u>
Allowance for Deck Erections		<u>1 - 0 3/4</u>

	Length.	Length allowed.	Height.
Forecastle	<u>90.3</u>	<u>86.5</u>	<u>8'-2 1/2"</u>
Bridge House	<u>222.1</u>	<u>111.05</u>	<u>8'-2 1/2"</u>
Raised Qr. Dk.	<u>118.76</u>	<u>59.38</u>	<u>8'-2 1/2"</u>
Peop			
Total	<u>431.16</u>	<u>256.93</u>	
Length of Ship	<u>481.5</u>	<u>481.5</u>	<u>= .534</u>
Corresponding percentage (Para. 11, 12, 13, or 14)	<u>LIMITED TO 30%</u>		

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

Fresh Water Line	<u>✓</u>	above centre of Disc
Indian Summer Line	<u>✓</u>	" " "
Winter Line	<u>✓</u>	below " " "
Winter North Atlantic Line	<u>✓</u>	" " "

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† 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 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.

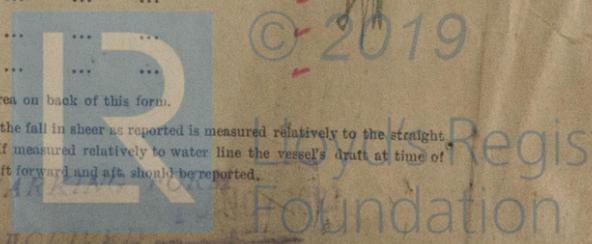
Winter Freeboard from deck line

Winter	<u>9 - 3 3/8</u>
Summer	<u>" " "</u>
Indian Summer	<u>" " "</u>
N. A. Winter	<u>" " "</u>

9 - 3 3/8 For all seasons

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.

See attached plan 1746A



Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *F deck*  
 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? *open see plan*  
 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? *open*  
 How are the openings closed? *Openings in D Deck where not fitted with battened covers are protected by trunks and Steel Br*  
 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? *open*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Cover by Bridge and Superstructures*  
 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 as approved below.*

Position and Size.	N <sup>o</sup> 1. 20.22' x 15.1'		N <sup>o</sup> 2. 20.6' x 15.1'		N <sup>o</sup> 3. 12.9' x 16.4'		N <sup>o</sup> 4. 20.6' x 15.1'		N <sup>o</sup> 5. 12.9' x 15.1'		N <sup>o</sup> 6. 10.6' x 15.1'	
Item.	Ship. D deck	Rule. C Deck	Ship. C deck	Rule.	Ship. A deck	Rule.	Ship. B deck	Rule.	Ship. D deck	Rule. B deck	C Deck	
Height above top of DECK	18"	36"	36"		36"		36"		15 3/4" + Trunk	36"	36"	
COAMING Thickness	Sides	.45"	.45"		.45"		.45"		.40"	.45"	.45"	
	Ends	.40"	.45"	.45"	.45"		.45"		.40"	.45"	.45"	
SHIFTING BEAMS OR WEB PLATES	Number	3	3	3	2		3		2	2	one	
	Section and Scantlings	7" 13 x 34	7" 2 1/2 x 34	as in N <sup>o</sup> 1	7" 2 1/2 x 34		7" 2 1/2 x 34		7" 13 1/2 x 34	7" 2 1/2 x 34	7" 19.7 x 34	
	Material	Steel	Steel	N <sup>o</sup> 1	Steel		Steel		Steel	Steel	Steel	
* FORE AND AFTERS	Number											
	Section and Scantlings	None	None	None	None		None		None	None	None	
	Material											
HATCHES Thickness	2 1/2"	2 1/2"	2 1/2"		2 1/2"		2 1/2"		2 1/2"		2 1/2"	
Remarks	protected by steel		Trunked and protected below C deck		Trunked and protected to below D deck		Trunked and protected to below D deck		Trunked D & B decks with opening		Trunked between C & D decks	

\* 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.) *Underwater type Sidelights fitted See plan. approved and tested as required certificates attached.*

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?*

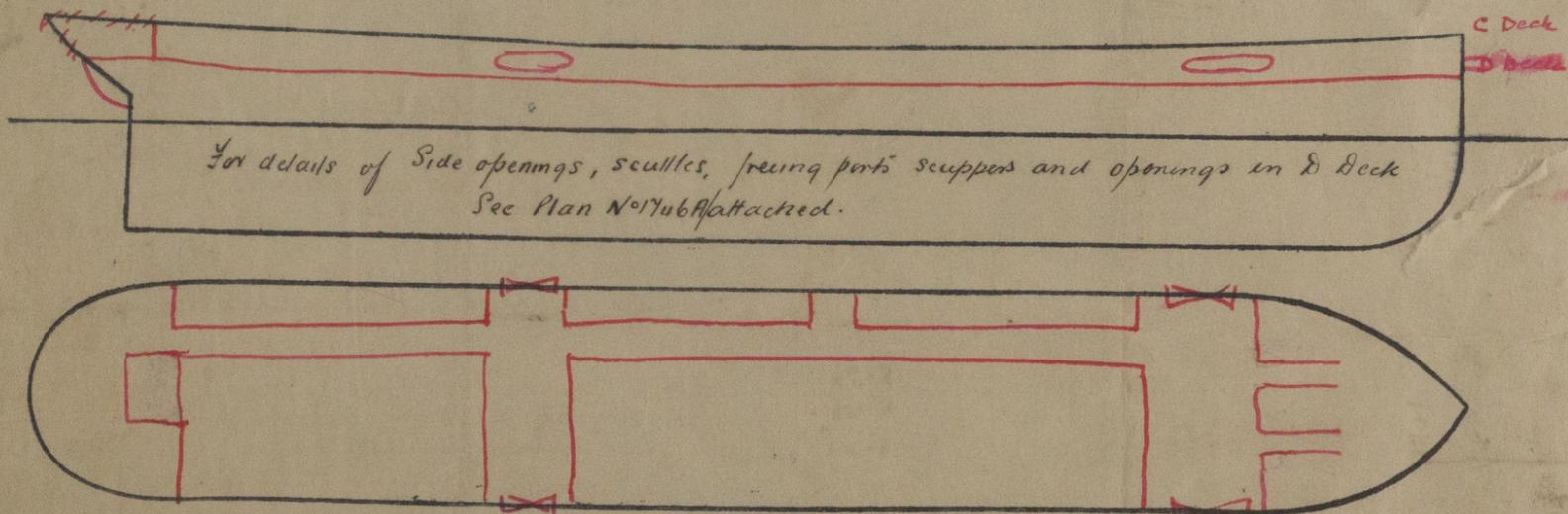
Delete the words *The Crew are, are not, berthed in the bridge house.*  
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

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.	} Freeing Ports (each side of vessel) =	Sq. ft.
x	x	x	x			

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 *Draught limited by scantlings to 24 feet Summer Moulded.*

Builder's name and yard number *Cantiere di Baia Yard N<sup>o</sup> 114*

Names of sister vessels *Copies of approved plans are filed in the London office (See also preliminary assignments)*

Owners *Navigazione Generale Italiana*

Address *Genoa.*

Received by me *Freeboard to be assigned by Registro Italiano.*



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