

THU. 1 FEB. 1925

Index No. **24914**  
(For London Office only.)

## Lloyd's Register of Shipping.

8869.

## SURVEYS FOR FREEBOARD.

Harland &amp; Wolffs Ltd. No 506

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING

~~Shelter~~ ~~DECK~~ without tonnage openingsPort of Survey *Belfast.*Date of Survey *Building.*Name of Surveyor *C. Kendall.*

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<b>"OROYA"</b>	<i>Liverpool</i>			<i>1923</i>	<i>100 A1 Shelter Deck contemplated.</i>
Number in Register Book <i>69336</i>	<i>British</i>				

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<i>525.3</i>	<i>62.85</i>	<i>UD = 32.15</i>	<i>UD 8175.52</i>
Length on LOADLINE	<i>525.0</i>	Frame Depth <i>8</i> Rule " <i>8</i>	Ceiling + <i>20</i> Peak Sheer + <i>14</i> Tanks	<i>8175.52</i>
CORRECTED DIMENSIONS.	<i>525.0</i>	<i>62.85</i>	<i>UD = 32.49</i>	<i>8135.52</i>

Moulded Depth as measured *35'-3"* Upper Deck.  
 " " " *43'-9"* Shelter Deck.  
 " " " " Spar or Awning Deck.

*addition for keel below  
base line for draught record = 3 1/4"*

Co-efficient of fineness ..... *.76 to Upper Dk. .76 to Shelter*  
 Any modification necessary } *Lark top rises to side.*  
 [Para. 4 (a) to (e)\*]  
 Co-efficient as corrected ..... *.76*

Allowance for strength in excess of Lloyd's rules =

State particulars—

*8 Channel frames all extended to Shelter Deck and alternately to Bridge Deck.*

*10 Watertight Bulkheads all extended to Shelter Deck.*

*Three complete steel decks.*

*This vessel is being built to the convention requirements for subdivision and a passenger load line has been assigned by the Board of Trade.*

Sheer at Stem ..... *87"* at length from Stem ..... *48"*  
 Sternpost... *36"* " " " Sternpost... *15"*  
 Drop in Sheer abaft amidships... *2 1/2" covered by Bridge*  
 Round of *Shelter* Deck Beam... *12"*  
 " " *Shelter* Deck " " " *12"*

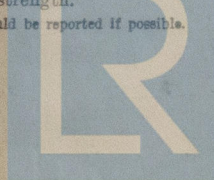
Length x Height. State if open or closed at ends.  
 Forecastle ..... *54.5* x *8.5* *closed.*  
 Bridge ..... *217.5* x *8.5* *closed see sketch.*  
 Poop ..... x

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

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	...	...
Indian Summer Line	"	"	"	...	...	...	...	...	...
Winter Line	below	"	"	...	...	...	...	...	...
Winter North Atlantic Line	"	"	"	...	...	...	...	...	...

NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.  
 All vessels equal in strength to Lloyd's Awning-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for a Spar-decked Vessel, are to be considered as Awning-decked Ships, the freeboard for which will vary with their strength.

\* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

Lloyd's Register  
Foundation

W540-0190



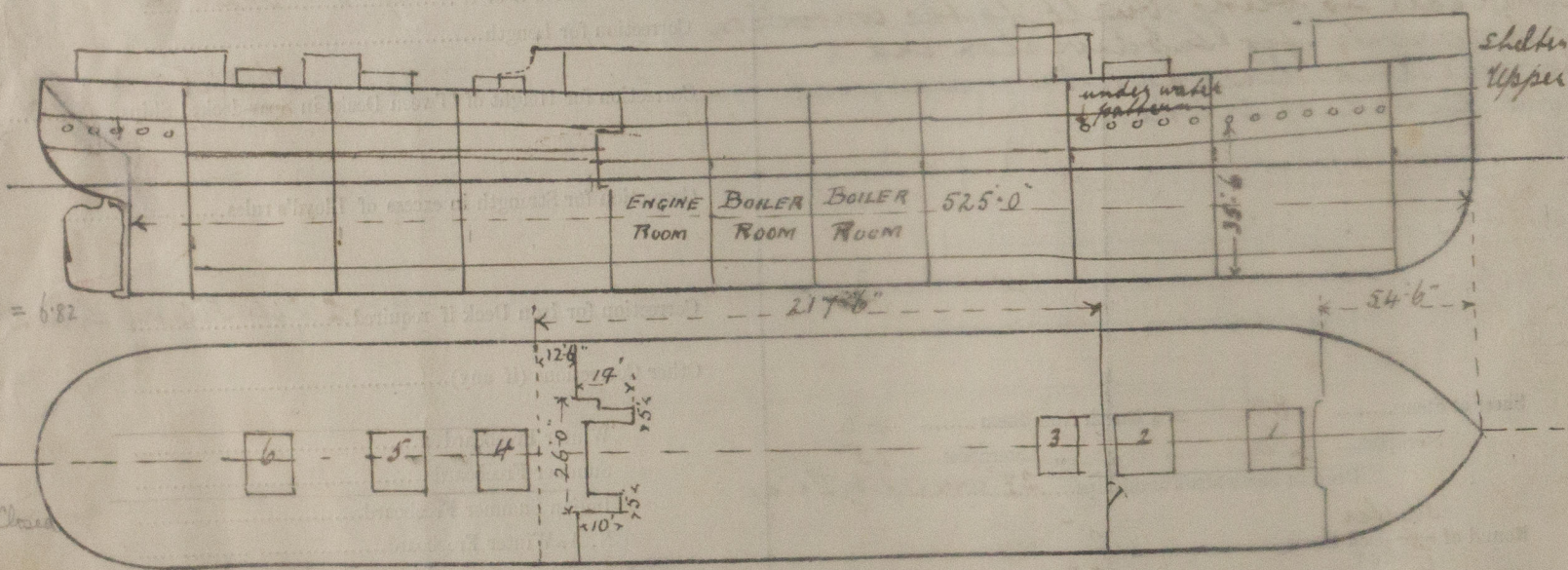
Do all the Frames extend to the top Height in the <sup>Shelter</sup> ~~Spar~~ deck? *yes.*  
 Do all the Frames extend to the top height in the Poop? *yes.*  
 To what height do the Reverse Frames extend? *Channel Frames.*  
 Has the Poop an efficient Iron Bulkhead at the fore end? *yes.*  
 Give particulars of the means for closing the openings in Bulkhead *yes.*  
 Is the Poop connected with the Bridge House? *yes.*  
 Give particulars of the means for closing the openings in Bulkhead *Hinged watertight door.*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x 3 1/2 x 375 W. 50 F Channels spaced 27 & 30*  
 Are bracket plates fitted at each end of the Stiffeners? *yes.* Are hor'l. 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? *Strong wood doors.*  
 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, or enclosed by a Strong Iron or Steel Deckhouse? *Bridge*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes.*  
 Give thickness of plating; scantlings and spacing of Stiffeners *yes.*  
 What is the height of the exposed Casings? *yes.* Are suitable means provided for closing all openings in them in bad weather? *yes.*

Requirements of Section 28 of the Rules of 1904-5: Give particulars below.												
Position and Size.		No 1 FORD 18'0" x 16'0"		No 2 25'0" x 20'0"		No 3 12'6" x 17'0" <i>on Bridge Deck</i>		No 4 17'6" x 20'		No 5 15'0" x 20'0" & No 6 15'0"		
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING	Height above top of Deck	30" -	24	30 -	24	30 -	24	30 -	24	30 -	24	
	Thickness {	Sides.....	.44 -	.44	.44 -	.44	.44 -	.44	.44 -	.44	.44 -	.44
		Ends.....	.44 -	.44	.44 -	.44	.44 -	.44	.44 -	.44	.44 -	.44
SHIFTING BEAMS OR WEB PLATES.	Number .....	Three	Five	Two	Three	Three	Three	One web 22" x 40	Three	One web 22" x 40		
	Section and Scantlings .....	one web 22" x 40	Two webs 22" x 40	I 13ms 15" x 5" x 2 lbs.	One web 22" x 40	2 13ms I 12" x 5" x 32 lbs.	2 13ms I 12" x 5" x 32 lbs.	2 13ms I 12" x 5" x 32 lbs.	One web 22" x 40	2 13ms I 12" x 5" x 32 lbs.		
	Material .....	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel		
* FORE AND AFTERS.	Number .....											
	Section and Scantlings .....	none	none	none	none	none	none	none	none	none		
	Material .....											
HATCHES Thickness .....	3'		3'		3'		3'		3'			
Remarks.....												

beams, which are fitted from the underside of the hatches

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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.) *35' 6" at 60 frame forward.*



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. *The approved sketches of Midship Section and Profile are enclosed for reference.*

There are no scuppers, sidelights or other openings in vessels sides which will interfere with the vessels load line.

all scuppers from Upper Deck have strong cast steel or gun metal storm valves on ships side closed by gearing from the shelter deck.

a provisional freeboard as a cargo vessel was assigned on 8<sup>th</sup> Dec<sup>r</sup> 1916

*Owners*

Address

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Received by me *See F. C. Report.*