

Rpt. 11c.

91538

DISCLOSED  
RAY No. 244-7

21538

Lloyd's Register of British & Foreign Shipping.  
SURVEYS FOR FREEBOARD. MON. MAR. 4 - 1912PARTICULARS IN RESPECT OF STEAM SHIPS HAVING <sup>Complete Shelter</sup> SPAR OR  
AWNING DECKS.Port of Survey *Nagasaki*Date of Survey *Feb. 1912*Name of Surveyor *G. D. Aitken*

Ship's Name. <i>S.S. YOKOHAMA MARU</i> <i>and No 216.</i>	Port of Registry and Nationality. <i>Tokyo</i> <i>Japanese</i>	Official Number. <i>-</i>	Gross Tonnage. <i>-</i>	Date of Build. <i>1912.</i>	Particulars of Classification. <i>100 A1. Shelter deck with free? contemplated</i>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<i>399.5</i>	<i>50.21</i>	<i>27.42</i>	<i>4436</i> <i>Surz.</i>
Length on LOADLINE	<i>399.5</i>	Frame, Depth <i>8</i> Rule " <i>6</i> " <i>2</i> = <i>.33</i>	Ceiling fitted, Peak Sheer <i>4.86</i> <i>bul tank</i>	Tanks
CORRECTED DIMENSIONS.	<i>399.5</i>	<i>49.88</i>	<i>28.28</i>	<i>4436</i> ✓

Co-efficient of fineness ..... *.78* ✓  
Any modification necessary } *Cell D/B.*  
[Para. 4 (a) to (e)\*]  
Co-efficient as corrected ..... *.76* ✓Allowance for strength in excess of Lloyd's rules = *20 1/2* ✓*Limited by sidelights*State particulars—*Complete shelter deck, no tonnage openings.**Three complete steel decks.  
Topside plating increased in thickness  
and longitudinal strength equivalent to  
1886 Three Deck Rule.**Bulk angle beams to every frame at  
each deck with three rows of pillars  
7 ft. 9. Bulkheads, Collision to Shelter St.  
Partition bulkheads in tween decks.**Gradual sheer 80.9  
Standard 49.9  
36 | 31.0  
86*Sheer at Stem ..... *102 1/2* ✓ at 1/2 length from Stem ..... *68 1/2* ✓  
Sternpost... *42 1/2* ✓ " " " Sternpost *20 1/2* ✓  
Drop in Sheer abaft amidships ..... *2.58* ✓

Round of Spar-deck Beam.....

" " Main-deck " ..... *12 1/2* ✓

	Length	×	Height.	State if open or closed at ends.
Forecastle .....		×		
Bridge .....		×		
Poop .....		×		

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

Moulded Depth as measured ..... *30'-0"* Main Deck.  
" " " ..... *38'-0"* Spar or Awning Deck.

## CORRECTION FOR LENGTH:—

Length of Ship on Load Line.... *399.5* ✓  
Length in Table ..... *360.0* ✓  
Difference..... *39.5* ✓  
Correction for 10ft..... *.8* ✓  
× Difference ÷ 10 =  
*+ 3 1/4* ✓Height of 'Tween Decks..... *8-0* ✓

(From top of beam to top of beam at side)

Correction for Height of 'Tween Decks in Spar-decked Ships.....

Freeboard Table B & C ..... *4-4 1/2* ✓  
Correction for Length..... *+ 3 1/4* ✓  
*4-7 3/4* ✓

Correction for Height of 'Tween Decks in Spar-decked Ships.....

Correction for Strength in excess of Lloyd's rules..... *- 1-8 1/2* ✓  
*Limited by sidelights* *2-11 1/4* ✓Correction for Iron Deck if required..... *- 3 1/2* ✓  
*2-7 3/4* ✓Other Corrections (if any) *Height from 3" wood sheathing  
on shelter deck to steel upper deck* *8-3* ✓  
*10-10 3/4* ✓

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 inter-  
section of the wood ~~on iron~~ deck with side *1 1/2* ✓Winter Freeboard from Deck Line ..... *11-0 1/4* ✓

Summer " " " .....

Indian Summer " " " .....

N. A. Winter " " " .....

*1 1/2" above 3" sheathing on* *11-0 1/4 for all seasons.*

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*Mr Bos 4/3/12*Lloyd's Register  
MARKING REPORT  
RECEIVED 19 April 1912  
P.T.O.



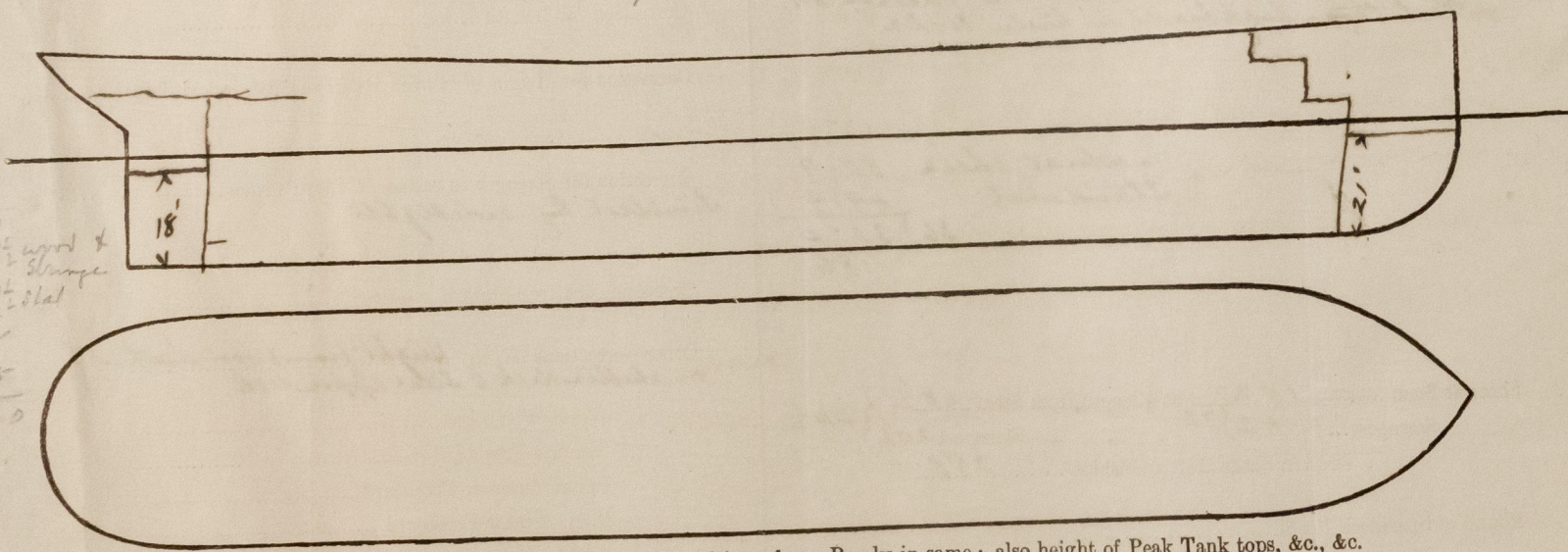
Do all the Frames extend to the top Height in the <sup>Shelter</sup> Spar deck? *yes*      Awning deck? *-*  
 Do all the Frames extend to the top height in the Poop? *-*      Bridge House? *-*      Forecastle? *-*  
 To what height do the Reverse Frames extend? *Upper Shelter & ultimately (see Section).*  
 Has the Poop an efficient Iron Bulkhead at the fore end? *-*  
 Give particulars of the means for closing the openings in Bulkhead  
 Is the Poop 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, } *Star house*  
 or enclosed by a Strong Iron or Steel Deckhouse?  
 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 } *yes*  
 requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	N <sup>o</sup> 1 7' 10" 19 x 16		N <sup>o</sup> 2 25' 6" x 16		N <sup>o</sup> 3 14' 10" x 16		N <sup>o</sup> 4 23' 4" x 16		N <sup>o</sup> 5 off 21' 3" x 16	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING. Height above top of DECK	24"		24		24		18		18	
Thickness { Sides.....	.44	do	.46	do	.40	do	.44	do	.44	do
Ends.....	.40		.40		.36		.40		.40	
SHIFTING BEAMS OR WEB PLATES. Number.....	1 web		2 webs		1 web		2 webs		Same as N <sup>o</sup> 4	
Section and Scantlings.....	.40 plate	do	.44 plate	do	.40 plate	do	.40 plate	do	do	do
Material.....	3 x 3 x 40 angles	do	3 x 3 x 40 angles	do	3 x 3 x 40 angles	do	3 x 3 x 40 angles	do	do	do
FORE AND AFTERS. Number.....	1 Centre 2 side		1 Centre 2 side		1 Centre 2 side		Same as N <sup>o</sup> 3.		Same as N <sup>o</sup> 3.	
Section and Scantlings.....	11 x .60	do	11 x .54	do	11 x .50	do	do	do	do	do
Material.....	3 x 3 x 36	do	3 x 3 x 36	do	3 x 3 x 36	do	do	do	do	do
HATCHES Thickness.....	3"		3"		3"		3		3	
Remarks.....										

\* 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.)

*Inner edge of sidelight 27'-11" above base line.*  
*limit 27'-5" head draft.*



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 *None. Request-form enclosed.*

*See Rpt-N<sup>o</sup> 724. No tonnage openings in shelter deck, and no puffs from tween decks through the vessel's sides*

Owners

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