

Ship name 1986

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

716
21394

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 *Nagasaki*
Date of Survey *6 Dec. 1910*
Name of Surveyor *G. D. Cuthbert*

Complete closed in Shelter Deck

Ship's Name. SHINYO MARU	Port of Registry and Nationality. <i>Tokyo Japan</i>	Official Number. -	Gross Tonnage. -	Date of Build. <i>1911</i>	Particulars of Classification. <i>100A1 Shelter Dk (Complated)</i>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <i>550</i>	BREADTH. <i>63.25</i>	DEPTH. <i>35.58</i>	UNDER DECK Tonnage. <i>9037</i>
Length on LOADLINE	<i>550</i>	Frame Depth Rule <i>9 7/2</i>	Ceiling <i>+20</i> Sheer <i>+0.08</i>	Peak Tanks } <i>Includes Suez</i>
CORRECTED DIMENSIONS.	<i>550</i>	<i>63.0</i>	<i>35.64</i>	<i>9037</i>

Moulded Depth as measured... *38-8 1/2*

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.....	<i>550</i>
Length in Table	<i>464.5</i>
Difference	<i>85.5</i>
Correction for 10ft., Table A.	<i>1.7</i>
× Difference divided by 10	<i>17.1</i>
If 1/10ths length covered divide by 2 +	<i>7.25</i>
	<i>6.84</i>
	<i>+3.62</i>
	<i>6 3/4</i>

Co-efficient of fineness *.73*

Any modification necessary [Para. 4 (a) to (e) *] } *at all D. B. margin no correction*

Co-efficient as corrected *.72*

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

Thickness of usual wood deck, less stringer... *2 1/2" at upper Dk in cabins.*

Sheer { Stem... *97 1/2* }
at { Sternpost... *37 1/2* } *135 ÷ 2 = 67 1/2 Mean*

Sheer at 1/3 of the length from { Stem *59 1/2* }
{ Sternpost *15 1/2* } *75 ÷ 2 = 37 1/2 Mean*

Gradual mean Sheer *68.18* *+5.5 = 68.18*

Standard mean Sheer (Table, Para. 18) *65.00*

Difference..... *2 1/2 ÷ 4 = 1/2*

§ If limited as Para. 18 (f).....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *62*

Round of Beam..... *15 1/2*

Normal round *15 1/2*

Difference *✓ ÷ 2 =*

Proportion of Deck uncovered (Para. 19)

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

Rise in Sheer { At front of bridge house... }
from amidships { At after end of forecastle... }

¶ Fall in shear { Para. 18 (d) } *2 1/2" ÷ 2 =*

Length uncovered Correction

Freeboard, Table C. <i>(10-10) - (3-1 1/2)</i>	<i>7 1/8 = 9 1/4</i>
Correction for Sheer	<i>1/2</i>
Correction for Length	<i>10 8 3/4</i>
Allowance for Deck Erections	<i>11 - 4</i>
Correction for Round of Beam.....	<i>3 - 4 1/4</i>
Correction for fall in Sheer (if any)	<i>7 - 11 3/4</i>
Correction for Iron Deck (if required)	<i>8. 2 1/4</i>
Winter Freeboard	<i>8. 2 1/4</i>
Summer Freeboard	<i>7. 7 1/2</i>
Indian Summer Freeboard	<i>7. 0 1/4</i>
N. A. Winter Freeboard	

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<i>7-8 1/4</i>
Correction for Length, if required (Para. 12, 13, and 14)	<i>7-11 3/4</i>
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<i>11-4</i>
Difference	<i>3-4 1/4</i>

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.....			
Bridge House.....	<i>Complete shelter Dk</i>		
Raised Qr. Dk.....			
Poop.....			
Total			
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14) }			

Correction necessary because clearside amidships, measured in accordance with the Statute, is not taken at the intersection of the wood or iron deck with side. } *+2 1/2*

Winter Freeboard from deck line	<i>8-2 1/2 3/4</i>
Summer " " " "	<i>7-7 1/4 8 1/2</i>
Indian Summer " " " "	
N. A. Winter,, " " " "	

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

Fresh Water Line above centre of Disc	<i>8</i>
Indian Summer Line " " " "	<i>7</i>
Winter Line below " " " "	<i>7</i>
Winter North Atlantic Line " " " "	<i>7</i>

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

† 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.

WS 27-0219

Do all the Frames extend to the top height in the *all frames in shelter deck.* Raised Quarter Deck? Bridge House? Forecastle?

To what height do the Reverse Frames extend? *Channel frames*

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? *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:— *yes.*

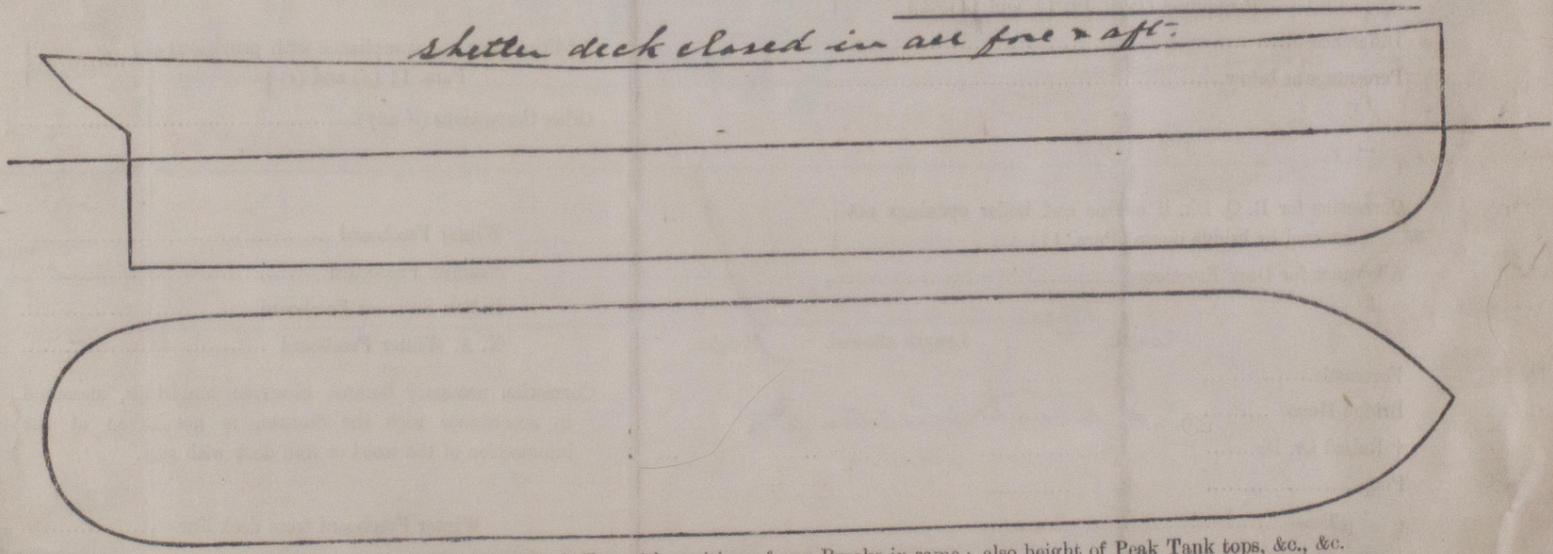
Position and Size. Item.	No 1 fwd 15' x 12'		No 2. 20' x 16'		No 3. 15' x 14'		NEA 10' x 10'		NE 5' 15' x 12'		
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING. Height above top of DECK	30	30	18		18		18		18		
Thickness	Sides.....	8	8	9	80	8	80	7	80	8	80
	Ends.....	7	7	8		7		7		7	
SHIFTING BEAMS OR WEB PLATES.	Number.....	1	1	1		1		0	0	1	
	Section and Scantlings.....	79x5 1/2 x 10	80	7 1/2 x 3 x 8 8/10	80	79x5 1/2 x 10	80	0	0	79x5 1/2 x 10	80
	Material.....	Steel		Steel		Steel					
FORE AND AFTERS.	Number.....	Center Side 1 2		Center Side 1 2		Center Side 1 2		Center Side 1 2		Center Side 1 2	
	Section and Scantlings.....	7 1/2 x 6	80	9x8 8x7	80	8x7 7x6	80	6x6 5x5	80	7x7 6x5	80
	Material.....	3x3x8 6x4 1/2 x 7 7/10 Steel		oak		oak		oak		oak	
HATCHES Thickness.....	3"	3	3	3	3	3	3	3	3	3	
Remarks.....	No 6 hatch aft 12x12-6 same as No 5 except fore after which are 9x7 and 6x5 oak										

* 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.) *36-11 1/2 bottom of keel to lower edge of lowest 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 *shelter* Bridge Sheerstrake? *22/20* Strake between Main and *shelter* Bridge Sheerstrakes? *20*

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	=	Sq. ft.
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 *Sister vessel to Chiyo Maru, Nagasaki Report No 618. Except that ceiling is only fitted under hatches & over bilges. Signed request form is enclosed.*

Owners
 Address
 Fee £

Received by me