

San Francisco man 27907
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27994

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

Port of Survey Kobe
Date of Survey April 1919
Name of Surveyor M. Jones + A. Watt

Kawasaki yard no. 450

Ship's Name. Singapore maru Port of Registry and Nationality. Kobe Japanese Official Number. 25441 Gross Tonnage. 3859 Date of Build. 1919 Particulars of Classification. +100 ft. Awning br deck

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
385.0	51.0 <i>51.2 ec.</i>	25.6 <i>Depth to tank 25.52</i>	4200
384.6	Frame Depth 9 Rule " 6/3	Ceiling + 20 Sheer + 88 <i>level tank</i>	Peak Tanks
384.6	50.57	26.68	4200

Moulded Depth as measured 28' 0" Main Deck.
" " " 26' 0" Awning Deck.

Efficient of fineness81
Modification necessary [Para. 4 (a) to (e)] - .02 D.B.
Efficient as corrected79

CORRECTION FOR LENGTH :-
 Length of Ship on Load Line.... 384.6
 Length in Table 336.0
 Difference 48.6
 Correction for 10ft. 1.4
 x Difference ÷ 10 = 6.8
3.4 3.4 = +3 1/2

Allowance for strength in excess of Lloyd's rules = 24"

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.....

*Strengthened topsides
Deep bulb angle frames
webs in lower decks.
3 steel decks.*

Freeboard Table B or C 3' 8 1/4"
 Correction for Length..... + 3 1/2"
 Correction for Height of Tween Decks in Spar-decked Ships..... 3 - 11 3/4"
8 - 0"
11 - 11 3/4"
 Correction for Strength in excess of Lloyd's rules..... what - 9' 0"
9 - 11 3/4"
 Correction for Iron Deck if required..... - 3 1/2"
9 - 8 1/4"
 Other Corrections (if any)..... Height Awning Deck + 8' 0"
 Winter Freeboard..... 9' 8 1/4"
 Summer Freeboard..... 9' 1 1/2"
 Indian Summer Freeboard..... 8' 7 1/4"
 N.A. Winter Freeboard.....

Clearance at Stem 110 at 1/2 length from Stem 61
Sternpost... 50 " " Sternpost... 57 1/2
Drop in Sheer abaft amidships.....

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at inter-section of the ~~wood~~ iron deck with side + 1 3/4"

Length	Height	State if open or closed at ends.
Awning	12 3/4	
Upper Deck Beam	12 3/4	
Main-deck	12 3/4	
Recastle	x	
Edge	x	
Top	x	

Winter Freeboard from Deck Line 9' 10"
 Summer " " " 9' 3 1/2"
 Indian Summer " " " 8' 9"
 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 7 1/2"
 Indian Summer Line " " " 6 1/2"
 Winter Line below " " "
 Winter North Atlantic Line " " "

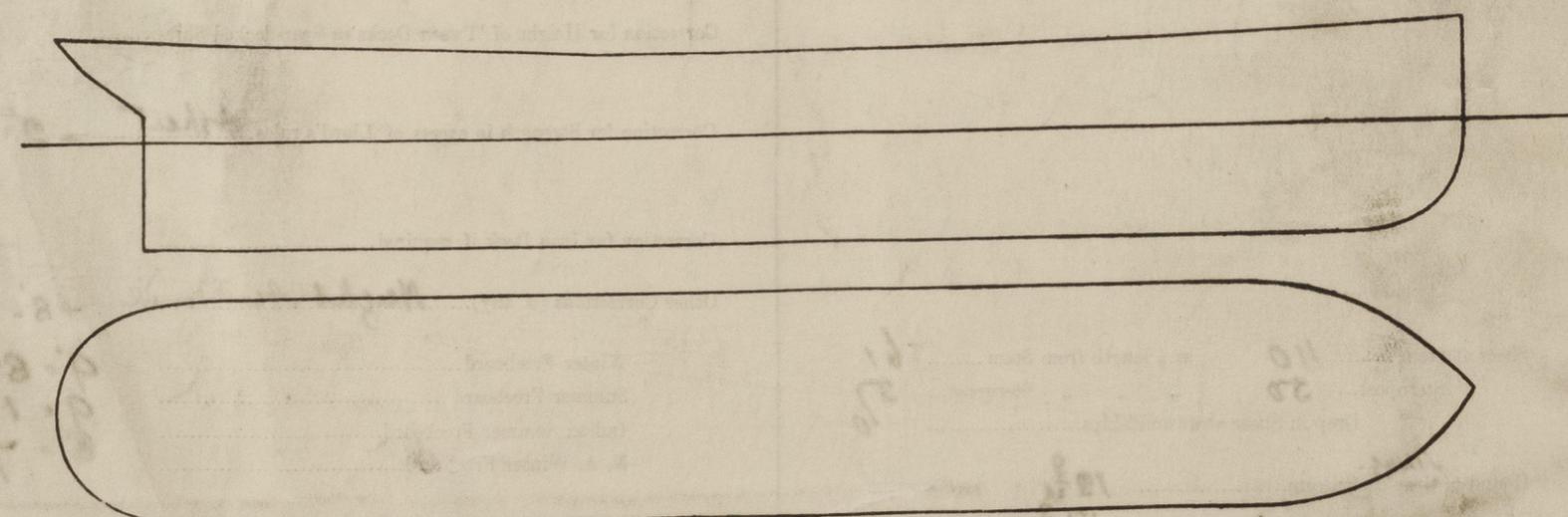
NOTE.—All vessels equal in strength to Lloyd's Spar-decked rule, or which, although in excess of that rule, do not come up to Lloyd's requirements for Ships of full scantlings to the upper deck, are to be considered as Spar-decked Ships, the freeboard for which will vary with their strength.
All vessels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

Do all the Frames extend to the top Height in the Spar deck? 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? *Main B.A. frames to 2nd & up 8 ft. alt. & intermediate frames to Avon D.K.*
 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, *Steel deck houses on awning deck.*
 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 requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.	No. 1. 27' 7 1/2" x 18'-0"		No. 2. 31'-10 1/2" x 18'-0"		No. 3. 13'-9" x 16'-0"		No. 4. 31'-10 1/2" x 18'-0"		No. 5. 27'-7 1/2" x 18'-0"		
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING	Height above top of DECK	24	24	Same as No. 1.	Same as No. 1.	Same as No. 1.	Same as No. 1.	Same as No. 1.	Same as No. 1.	Same as No. 1.	
	Thickness { Sides..... Ends.....	44 44	44 44	Same as No. 1.		Same as No. 1.		Same as No. 1.		Same as No. 1.	
SHIFTING BEAMS OR WEB PLATES	Number	5	5	6	6	2	2	6	6	5	5
	Section and Scantlings	18 x 36	14 x 34	18 x 36	14 x 34	16 x 32	12 x 32	Same as No. 1.	Same as No. 1.	Same as No. 1.	Same as No. 1.
	Material	2A. 4. 3. 44 4 6" flange	4. 3. 44	2A. 4. 3. 44 6" flange	4. 3. 44	2A. 3 1/2. 3. 42 7 1/2" flange	3 1/2. 3. 42	Same as No. 1.		Same as No. 1.	
* FORE AND AFTERS.	Number	-	-	-	-	-	-	-	-	-	-
	Section and Scantlings	-	-	-	-	-	-	-	-	-	-
	Material	-	-	-	-	-	-	-	-	-	-
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	
Remarks	<i>All Coaming stiffeners by hor. buck angles.</i>										

* 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.)



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 1904 rpt. is forwarded.*
The fwd. recommended & marked is the same as assigned to the sister vessel "Argonne" (Robe Rpt 1941) low. let. 18 Feb 1916

Owners *Kawasaki K.K.*
 Address *Kobe*

Fee *yen 140* : Received by me *[Signature]*