

Lloyd's Register of British & Foreign 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 Yokohama
Date of Survey August 1913
Name of Surveyor A. H. Jones

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>Kashima Maru</u> <u>Kawasaki S.S. Co. No. 362</u> Number in Register Book	<u>Yokohama</u> <u>Japanese</u>		<u>10564.90</u>	<u>1913</u>	<u>+100 A1 contemplated</u>

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on	<u>Rule 490</u>	<u>59.68</u>	<u>33.90</u>	<u>8188.91</u>
		Frame Depth //	Ceiling <u>filled</u>	Peak
		Rule <u>61.5</u>	Sheer <u>+10</u>	Tanks
		<u>61.24</u>	<u>33.73</u>	<u>8188.91</u>
				<u>8215.91</u>

Moulded Depth as measured..... 36' 6"
37 - 9 1/4
4 - 0 1/2
33 - 8 3/4

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..... 489.3
Length in Table 438 ✓
Difference 51.3 ✓
Correction for 10ft., Table A. 1.7 ✓ Table C.
× Difference divided by 10 8.672 (if required.)
If 1/10ths length covered divide by 2 4.336 + 4 1/4 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer 3 1/2
3 1/2 sheathing on upper deck. (3" in Bridge) -1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 61
Round of Beam 15 1/4
Normal round..... 15 1/4 ✓
Difference ✓ + 3 = ✓
Proportion of Deck uncovered (Para. 19)

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

of fineness..... 82.819
Location necessary { 02 13
(a) to (e)]* }
as corrected 80 ✓

am..... 96"
ernpost ... 42" } 138 ÷ 2 = 69 ... Mean
of the length from { Stem 48 } 69 ÷ 2 = 34 1/2 ... Mean
Sternpost 21
ean Sheer 62.7 = 34.5
ean Sheer [Table, Para. 18] 58.9 59 Correction
Difference..... 3.8 3.8 ÷ 4 = -1 ✓
ed as Para. 18 (f).....

Sheer { At front of bridge house..... } smooth
dships { At after end of forecastle } curved
(e) }

Sheer { 0 ÷ 2 = ✓
8 (d) }
covered Correction

ALLOWANCE FOR DECK ERECTIONS:—
Table C..... 10' 4 1/2 - 3' 3" 7' 1 1/2 ✓
for Length, if required (Para. 12, 18, and 14)
by Table A. corrected for sheer, and for length, } 10' 3 1/2 ✓
if required (Para. 12, 18, and 14) }
as below..... 3' 2
47 ✓

for R. Q. Dk. if engine and boiler openings not }
ered by bridge house (Para. 11) }
for Deck Erections 17 3/4 ✓

Length.	Length allowed.	Height.
<u>53' 0</u>	<u>53</u>	<u>7' 9"</u>
ouse <u>180.5</u>	<u>180.5</u>	<u>8' 1"</u>
Qr. Dk..... ✓		
<u>96.3</u>	<u>96.3</u>	<u>8' 0"</u>
Total <u>329.8</u>		
of Ship <u>489.3</u>	<u>= .67</u> ✓	
ponding percentage { <u>47</u> ✓ (Para. N, 12, 13, or N4) }		

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	" " "	...

Winter Freeboard 8' 9" 8' 9 1/2
Summer Freeboard 7
Indian Summer 6 1/2
N. A. Winter 6 1/2
Amended Tables 6 1/2
March, 1906 6 1/2

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
† 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 sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

† 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.

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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *Channels & bulb angles to upper deck.*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *2 WT steel doors Clamps & rubber joints*
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *3 WT doors. Clamped & with rubber joints*
 What is the thickness of the Bridge Front plating? *.42* and Coaming plate? *.42*
 Give scantlings and spacing of the Stiffeners *8 x 3 1/2 x 3 1/2 x .60, Spaced 30"*
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*
 How are the openings closed? *Storm boards. in riveted channel bars.*
 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 alley ways with storm boards*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Bridge house*
 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. 20' 3" x 18' 0"		No. 2. 30' 10 1/2" x 20' 0"		No. 3. 16' 7 1/2" x 18' 0"		No. 4. 28' 6" x 18' 0"		14' 3" x 18' 0" on bridge 16' 7 1/2" x 18' 0" on poop	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30	30	30	30	30	30	30	30	24	18
Thickness										
Sides.....	.44	.44	.52	.52	.44	.44	.50	.50	.40 & .44	.40 & .44
Ends.....	.40	.40	.42	.42	.40	.40	.40	.40	.36 & .40	.36 & .40
SHIFTING BEAMS OR WEB PLATES.										
Number	2	2	3	3	1	1	2	2	1	1
Section and Scantlings	Web .40	.40	Web .42	.42	Web .40	.40	Web .40	.40	Web .40	.36 & .40
Material	3 x 3 x .40 angles	3 x 3 x .40	3 x 3 x .40	3 x 3 x .40	3 x 3 x .40	3 x 3 x .40	3 x 3 x .44	3 x 3 x .40	3 x 3 x .40 angles	3 x 3 x .40
* FORE AND AFTERS.										
Number	5	(3) 5	5	5	5	(3) 5	5	(3) 5	5	(3) 5
Section and Scantlings	cu. 10 x .38	9 x .40	cu. 10 x .40	9 x .44	cu. 10 x .44	10 x .44	cu. 10 x .50	10 x .50	cu. 10 x .44 & .40	9 x .44
Material	Sid 8 x 5 x .34	6 x 2 x .4	Sid 8 x 5 x .34	6 x .30	Sid 7 x 5 x .34	7 x .30	Sid 7 x 5 x .34	7 x .34	Sid 7 x 5 x .34	6 x 30 & 7 x .30
HATCHES Thickness	3"	3	3	3	3	3	3	3	3	3
Remarks.....										

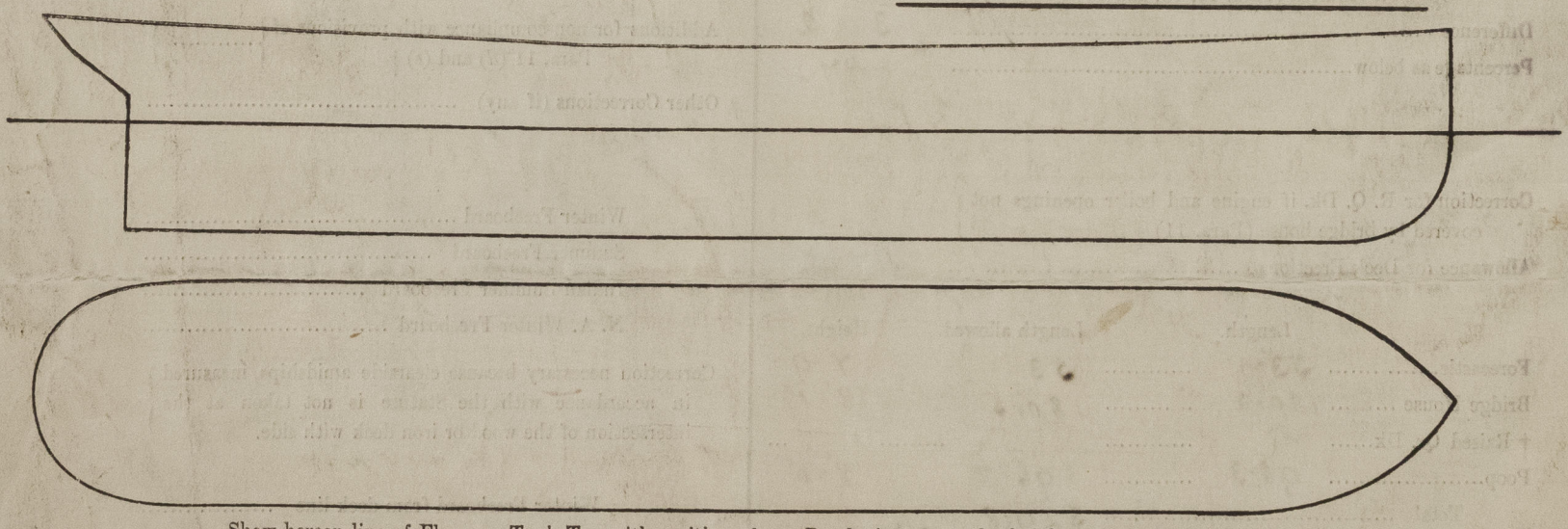
* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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

Owners

Address

Fee £

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