DISCLASSED SECTION 25219 No 366

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Rpt. 11b.

Lloyd's Register of 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 7 May 1918
Name of Surveyor Jas. S. Cairns

~~SHIGO MARU~~ SHINGO MARU

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
~~Shingo Maru~~	Nishinomiya Japanese	✓	4733.61	1917	100A1

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered dimensions from Ship's Register.	360	51.0 51.2½	28.45 26.02½ tank	4033.99
Length on Loadline.	360	Frame Depth 9 Rule „ 6/3 = -.5	Ceiling fitted Sheer +.73 4" drop in tank +.16	Peak Tanks
Corrected Dimensions.	360	50.7	26.91	4033.99

Moulded Depth as measured..... 28.45
28..5
Addition for Keel below base line for draught record.....inches.

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... .82
Any modification necessary [Para. 4 (a) to (e)]* C. DB
Co-efficient as corrected ..... .80

Sheer at { Stem 105.25 / Sternpost 36.75 } 142 ÷ 2 = 71 ...Mean

Sheer at ⅛ of the length from { Stem 61.25 / Sternpost 18.35 } 79.6 ÷ 2 = 39.8 ...Mean
÷.55 = 72.36
Gradual mean Sheer 71.68
Standard mean Sheer [Table, Para. 18] 46
Difference..... 25.68 ÷ 4 = Correction 6½
§ If limited as Para. 18 (f).....

Rise in Sheer from amidships [Para. 18 (e)] { At front of bridge house..... / At after end of forecastle .....

¶ Fall in Sheer Para. 18 (d) 2 3/8 ÷ 2 =
Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 3.. 10¼
Correction for Length, if required (Para. 12, 13, and 14) ..... +1¼
3 .. 11½
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) 6.. 8¾
Difference ..... 2 .. 9¼
Percentage as below..... 25.43
8.48

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections 8½

	Length.	Length allowed.	Height.
Forecastle.....	33.0	33	7.. 0
Bridge House	91.4	91.4	8.. 0
† Raised Qr. Dk.....			
Poop.....	21.83	21.83	7.. 0
Total		146.23	
Length of Ship		360	= .406
Corresponding percentage (Para. ~~11~~, 12, ~~13, or 14~~)	25.43		

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 360
Length in Table 341
Difference 19
Correction for 10ft., Table A. ..... 1.48 Table C. .7
× Difference divided by 10 ..... 2.81 (if required.) 1.33
If 6/10ths length covered divide by 2 +2¾ +1¼

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered 406
Thickness of usual wood deck, less stringer 3½
-1½

CORRECTION FOR ROUND OF BEAM.

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

Breadth at Gunwale amidships..... 51
Round of Beam 12¾
Normal round..... 12¾
Difference ..... ÷ 2 =.....
Proportion of Deck uncovered (Para. 19) .....

Freeboard, Table A ..... 7.. 0½
Correction for Sheer ..... -6½
6 .. 6
Correction for Length ..... +2¾
6 .. 8¾
Allowance for Deck Erections ..... -8½
6 .. 0¼
Correction for Round of Beam..... -
Correction for fall in Sheer (if any)..... -
Correction for Iron Deck (if required) ..... -1½
5 .. 10¾
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ ..... -
Other Corrections (if any) ..... -

Winter Freeboard ..... 5.. 10¾
Summer Freeboard ..... 5.. 5¾
Indian Summer Freeboard ..... 5 .. 0¾
~~N. A. Winter Freeboard~~.....

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. 1¾

Winter Freeboard from deck line ..... 6 .. 0½
Summer „ „ „ „ ..... 5.. 7½
Indian Summer „ „ „ ..... 5.. 2½
~~N.A.Winter~~ „ „ „ „ .....

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :— ... 5.. 7½

Fresh Water Line	above centre of Disc	5½
Indian Summer Line	„ „ „	5
Winter Line	below „ „	5
~~Winter North Atlantic Line~~	„ „ „	5

21.8.18

* 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 stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

‡ 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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