

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

 Index No. 33254
 (For London Office only.)

J74

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 _____
 Date of Survey 12/3/30
 Name of Surveyor _____

Ship's Name. <u>Mitsubishi Josen Kaisha</u>	Port of Registry and Nationality. <u>Kaisha</u>	Official Number. <u>No 471-474</u>	Gross Tonnage.	Date of Build.	Particulars of Classification.
Number in Register Book _____					

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.	Frame Depth Rule	Ceiling Sheer	Peak Tanks	
CORRECTED DIMENSIONS.	<u>4450</u>			

 Moulded Depth as measured..... 40-9 3/2
 Rule wood deck 84
 Addition for Keel below base line 40-5 1/2
 for draught record.....inches. base

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

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

.75

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>445.0</u>
Length in Table	<u>485.5</u>
Difference	<u>40.5</u>
Correction for 10ft., Table A.	<u>1.7</u> Table C.
× Difference divided by 10	(if required.)
If 1/10ths length covered divide by 2	<u>2835</u>
	<u>405</u>
	<u>6.34</u>

CORRECTION FOR IRON DECK.

 Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer

In med depth

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>60.6</u>
Round of Beam	<u>12"</u>
Normal round.....	<u>18.0</u>
Difference	<u>3.0 ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19)	<u>+ 1 1/2"</u>

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

Sheer { Stem.....	} ÷ 2 =	...Mean
at { Sternpost ...		
Sheer at 1/3 of the length from { Stem	} ÷ 2 =	...Mean
{ Sternpost		
Gradual mean Sheer		
Standard mean Sheer [Table, Para. 18]	<u>54.50</u>	Correction
Difference.....	<u>27.25 ÷ 4 =</u>	<u>6.81</u>
If limited as Para. 18 (f)		<u>- 6 3/4</u>

Rise in Sheer { At front of bridge house.....	} ÷ 2 =	...Mean
from amidships { Para. 18 (e) [At after end of forecastle		

Fall in Sheer {	} ÷ 2 =	...Mean
Para. 18 (d) {		
length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	
Difference	
Percentage as below.....	

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			
Raised Qr. Dk.....			
Loop.....			
Total			
Length of Ship			
Corresponding percentage { (Para. 11, 12, 13, or 14) }			

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

Fresh Water Line	above centre of Disc	...
Indian Summer Line	" "	...
Winter Line	below "	...
Winter North Atlantic Line	" "	...

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

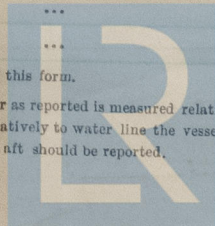
Winter Freeboard	<u>10-5</u>
Summer Freeboard	<u>7 1/2</u>
Indian Summer Freeboard	<u>9-9 1/2</u>
N. A. Winter Freeboard	

40-9 1/2
9-9 1/2
31-0
med

* 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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