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Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

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

Port of Survey Kobe
Date of Survey February 1919
Name of Surveyor A. L. Jones

Yokohama Dockyard No 434
MANJU MARU
Ship's Name.
Toku Maru
Number in Register Book

Port of Registry and Nationality.
Kobe
Japanese
Official Number.

Gross Tonnage. 5858
Date of Build. 1919

Particulars of Classification.
100A.1. Awning deck with freeboard

REGISTERED DIMENSIONS.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
Registered Length from Register.	<u>385</u>	<u>51.0</u>	<u>25.6</u>	<u>4200</u>
Length on LOAD LINE	<u>384.6</u>	Frame Depth Rule <u>9</u> " <u>6</u> " <u>3</u>	Ceiling <u>+20</u> Sheer <u>+88</u> <u>Level tank</u>	Peak Tanks
REGISTERED DIMENSIONS.	<u>384.6</u>	<u>50.7</u>	<u>26.68</u>	<u>4200</u>

Moulded Depth as measured 28'-0" Main Deck.
" " " 36-0 Spar or Awning Deck.

Co-efficient of fineness81
Any modification necessary [Para. 4 (a) to (e)*] C.D.B.
Co-efficient as corrected79

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

State particulars—
Three steel decks
Topside plating increased in thickness
Deep bulk angle framing webs in tween decks

CORRECTION FOR LENGTH:—

Length of Ship on Load Line.... 384.6
Length in Table..... 336.0
Difference..... 48.6
Correction for 10ft..... .7
x Difference ÷ 10 = 3.4
+ 3 1/2

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.....

Freeboard Table B or C	<u>3. 8 1/4</u>
Correction for Length.....	<u>+ 3 1/2</u>
	<u>3. 11 3/4</u>
Correction for Height of 'Tween Decks in Spar-decked Ships.....	<u>8. 0</u>
	<u>11. 11 3/4</u>
Correction for Strength in excess of Lloyd's rules.....	<u>2. 0</u>
	<u>9. 11 3/4</u>
Correction for Iron Deck if required.....	<u>- 3 1/2</u>
	<u>9. 8 1/4</u>
Other Corrections (if any).....	

Sheer at Stem 110 " at 1/4 length from Stem 61
Sternpost... 50 " " " Sternpost... 27
Drop in Sheer abaft amidships.....

Round of Spar-deck Beam..... 12 3/4
" " Main-deck " 12 3/4

	Length	x	Height.	State if open or closed at ends.
Forecastle		x		
Deck edge.....		x		
Top.....		x		

Winter Freeboard.....	<u>9. 8 1/4</u>
Summer Freeboard.....	<u>9. 1 3/4</u>
Indian Summer Freeboard.....	<u>8. 7 1/4</u>
N.A. Winter Freeboard.....	

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or iron deck with side } 1 3/4

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

23.4.19

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.