

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 Newport (nm)
Date of Survey 152 Mar. 1933
Name of Surveyor

KINSHU MARU

Ship's Name. MOUNT PENTELIKON	Port of Registry and Nationality. DAIKEN Panama Japanese Panama	Official Number. 7	Gross Tonnage. 5600	Date of Build. 1919-5	Particulars of Classification. + 100 A1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. 410.7	BREADTH. 54.1	DEPTH. 27.5	UNDER DECK TONNAGE. 5150.09	Moulded Depth as measured..... 29.9"
Length on LOADLINE.	410.0	Frame Depth ¹⁰ Rule 6 4 2x4 = -66	Ceiling + 20 Sheer + 1.38 Drop in Tank 4 ÷ 2 = +.16 Depth in Tank 27.16	Peak } Includ Tanks }	Addition for Keel below base line for draught record..... 2.7 inches.
CORRECTED DIMENSIONS.	410.0	53.44	28.90	5150.09	

Co-efficient of fineness..... .81	
Any modification necessary { [Para. 4 (a) to (e)]* }	.02
Co-efficient as corrected79

Sheer { Stem..... 141 } 212 ÷ 2 = 106 ...Mean at { Sternpost ... 71 }	
Sheer at $\frac{1}{8}$ of the length from { Stem 70 } 111 ÷ 2 = 55.5 Mean Sternpost 41 }	55.5 = 100.9
Gradual mean Sheer	100.9
Standard mean Sheer [Table, Para. 18]	51.0
Difference.....	49.9 ÷ 4 = 12.47
§ If limited as Para. 18 (f)	- 12 1/2

Rise in Sheer { At front of bridge house..... ✓ from amidships { [Para. 18 (e)] { At after end of forecastle ✓	
Fall in Sheer { Para. 18 (d) } ÷ 2 = ✓	
Length uncovered	Correction

ALLOWANCE FOR DECK ERECTIONS:—		
Freeboard, Table C.....	4-4	
Correction for Length, if required (Para. 12, 13, and 14)	4 1/4	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	4-8 1/4	
Difference	7-2 1/4	
Percentage as below.....	2-6	
	32.08%	

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)		
Allowance for Deck Erections	- 9 1/2	

Length.	Length allowed.	Height.
Forecastle..... 47.0	47.00	8.0
Bridge House 114.75	114.75	8.0
† Raised Qr. Dk.....		
Poop..... 43.75	43.75	8.0
Total	205.50	= .501
Length of Ship	410.00	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	32.08%	

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:	
Tropical Fresh Water Line above Centre of Disc ... 12 1/4	Tropical Fresh Water Freeboard ... 5-9 3/4
Fresh Water Line " " ... 6 3/4	Fresh Water " " ... 4-9 1/2
Tropical Line " " ... 5 1/2	Tropical " " ... 5-3
Winter Line below " " ... 5	Winter " " ... 5-4 1/4
Winter North Atlantic Line " " ...	Winter North Atlantic " " ... 6-2 3/4

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

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.	
---	--

**878.
3-3-33**

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, **Wood, Steel, Deck:**

Tropical Fresh Water Line above Centre of Disc ...	12 1/4	Tropical Fresh Water Freeboard ...	5-9 3/4
Fresh Water Line " " ...	6 3/4	Fresh Water " " ...	4-9 1/2
Tropical Line " " ...	5 1/2	Tropical " " ...	5-3
Winter Line below " " ...	5	Winter " " ...	5-4 1/4
Winter North Atlantic Line " " ...		Winter North Atlantic " " ...	6-2 3/4