

# 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. Manju Maru  
 Port of Registry and Nationality. Kobe, Japan  
 Official Number. -  
 Gross Tonnage. 5858  
 Date of Build. 1919  
 Particulars of Classification. 100A.1. Awning deck with freeboard

LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
385	51.0 51.25	25.6	4200
Length on DLINE 384.6	Frame Depth 9 Rule " 6 3	Ceiling +.20 Sheer +.88 Level tank	Peak Tanks
RECTED NSIONS.	384.6	50.7	26.68 4200

Co-efficient of fineness ..... .81

Any modification necessary [Para. 4 (a) to (e)\*] C.D.B.

Co-efficient as corrected ..... .79

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

 Sheer at Stem ..... 110 at  $\frac{1}{2}$  length from Stem ..... 61  
 Sternpost... 50 " " " Sternpost... 27  
 Drop in Sheer abaft amidships.....

 Round of Spar-deck Beam.....  $12\frac{3}{4}$   
 " " Main-deck " .....  $12\frac{3}{4}$ 

Length	×	Height.	State if open or closed at ends.
Forecastle .....	×		
Ridge .....	×		
Top .....	×		

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

Fresh Water Line	above centre of Disc	...	...	...	...	...	...	...	...	7
Indian Summer Line	"	"	"	"	"	"	"	"	"	$6\frac{1}{2}$
Winter Line	below	"	"	"	"	"	"	"	"	$6\frac{1}{2}$
Winter North Atlantic Line	"	"	"	"	"	"	"	"	"	✓

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.