

DISCLOSED SECTION 27919

Boatman's shop 27366

Lloyd's Register of Shipping.

No. 308

SURVEYS FOR FREEBOARD.

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

Port of Survey Nagasaki
Date of Survey 30 May 1919
Name of Surveyor R. Crawford

Mitsubishi Zosen Kaisha No 317

| | | | | | |
|---|---|-----------------------------|------------------------------|------------------------------|---|
| Ship's Name <u>S.S. Suwayan Maru</u> | Port of Registry and Nationality <u>Nagasaki Japan</u> | Official Number <u>✓</u> | Gross Tonnage <u>6757</u> | Date of Build <u>1919</u> | Particulars of Classification <u>+100 Ft Sheer deck with fb!</u> |
|---|---|-----------------------------|------------------------------|------------------------------|---|

| | | | |
|-----------------------------|-------------------------|--------------------------|-----------------------------------|
| LENGTH <u>425</u> | BREADTH <u>53.89</u> | DEPTH <u>26.38</u> | UNDER DECK Tonnage <u>4860</u> |
| Frame Depth <u>9 1/2</u> | Rule <u>6 1/2</u> | Drop in tank <u>3</u> | Peak Tanks <u>+</u> |
| CEILING <u>+</u> | SHEER <u>+</u> | Drop in tank <u>+</u> | |
| HEIGHT <u>425</u> | BREADTH <u>53.39</u> | DEPTH <u>28.02</u> | UNDER DECK Tonnage <u>4860</u> |

Moulded Depth as measured 29-0 Main Deck.
" " " 37-6 Sheer Spar or Awning Deck.

Efficient of fineness76
 Modification necessary [Para. 4 (a) to (e)] } 68% Ray-76
 Efficient as corrected74 to Sheer deck.

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

CORRECTION FOR LENGTH:—
 Length of Ship on Load Line.... 425
 Length in Table 348
 Difference..... 77
 Correction for 10ft..... 7
 × Difference ÷ 10 = + 5 1/2

Allowance for strength in excess of Lloyd's rules = 3 1/2

Particulars—
 Vessel constructed with deep bulb angle frames
 Three steel decks and beams to every frame at each deck strengthened topsides

Height of 'Tween Decks..... 8-6
 (From top of beam to top of beam at side)
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

Drop in Sheer abaft amidships.....
 $54.5 \div .55 = 99.1$
 $36 \left[\frac{52.5}{46.6} \right]^{1.30}$

Freeboard Table ~~B~~ C 3-10 1/2
 Correction for Length..... + 5 1/2
4-4
 Correction for Height of 'Tween Decks in Spar-decked Ships..... 8-6
12-10

Drop in Sheer abaft amidships.....
 at Stem 117 at 1/4 length from Stem 68 1/2
 Sternpost... 72 " " " Sternpost 40 1/2 } 54.5 mean

Correction for Strength in excess of Lloyd's rules..... 2-10
10-0
 Correction for Iron Deck if required..... 3 1/2
9-8 1/2

Height of Spar-deck Beam.....
 " Main-deck "

| | | | |
|--------|---|---------|----------------------------------|
| Length | × | Height. | State if open or closed at ends. |
| Castle | × | | |
| | × | | |
| | × | | |

Other Corrections (if any).....
 Winter Freeboard..... 9-8 1/2
 Summer Freeboard..... 9-2
 Indian Summer Freeboard..... 8-7 1/2
 N.A. Winter Freeboard..... ✓

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) 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 intersection of the ~~wood~~ iron deck with side } 12 1/4

Winter Freeboard from Deck Line 9-10 1/4
 Summer " " " 9-3 3/4
 Indian Summer " " " 8-9 1/4
 N.A. Winter " " " 1
9-3 1/2
7
6 1/2
6 1/2

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.

