

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

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

Port of Survey _____
Date of Survey 25-10-46
Name of Surveyor _____

| | | | | | |
|--------------------------------------|---|------------------|-------------------------------|----------------|--------------------------------|
| Ship's Name. <u>Aardenburg</u> | Port of Registry and Nationality. <u>Dutch</u> | Official Number. | Gross Tonnage. <u>1663</u> | Date of Build. | Particulars of Classification. |
| Number in Register Book <u>82877</u> | | | | | |

| | | | | |
|---|-------------------------|-------------------------|-----------------------|------------------------------------|
| Registered dimensions from Ship's Register. | LENGTH. <u>241.3</u> | BREADTH. <u>36.3</u> | DEPTH. <u>15.2</u> | UNDER DECK Tonnage. <u>1042</u> |
| Length on LOADLINE | <u>240.5</u> | Frame Depth Rule | Ceiling + .20 Sheer | Peak Tanks |
| CORRECTED DIMENSIONS. | <u>240.5</u> | | | |

Moulded Depth as measured 17-6 1/8 Main Deck.
" " " 24-9 1/4 Spar or Awning Deck.

Addition for Keel below base line for draught record.....inches.

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

Co-efficient of fineness76
Any modification necessary [Para. 4 (a) to (e)] }
Co-efficient as corrected76

CORRECTION FOR LENGTH:—

Length of Ship on Load Line..... 240.5
Length in Table..... 210.625
Difference..... 29.875
Correction for 10ft..... .50
× Difference ÷ 10 = 29875.5 ÷ 10 = +1.4938

Allowance for strength in excess of Lloyd's rules =
Normal (1/2(B) + D + G) × length

State particulars—
36.5 (18.1 + 17.55 + 35)
38-7 72.55
.1 35
70.63 240.5 16990

Height of 'Tween Decks..... 7-2 5/8"
(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 10.604
Correction for Length..... + 1.494
12.098
Correction for Height of 'Tween Decks in Spar-decked Ships.....

Correction for Strength in excess of Lloyd's rules..... 2.45986
assumed 1/2 9.608142
wood 4-1/2 - 3.5
Correction for Iron Deck if required..... 6.1485842

Other Corrections (if any).....
Winter Freeboard..... 1/4 5 3/4
Summer Freeboard..... 2 3/4 3 1/4
Indian Summer Freeboard.....
N. A. Winter Freeboard.....

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or steel deck with side } None

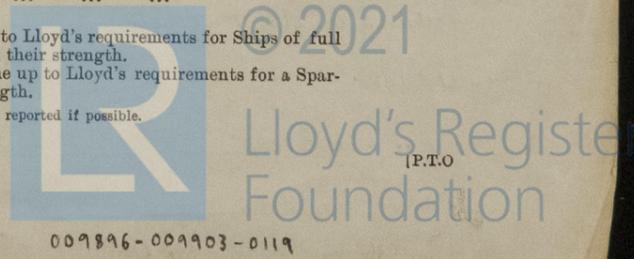
Winter Freeboard from Deck Line
Summer " " "
Indian Summer " " "
N.A. Winter " " "

| | Length | × Height. | State if open or closed at ends. |
|------------|---------------|---------------|----------------------------------|
| Forecastle | <u>153.09</u> | <u>× 7.21</u> | <u>closed</u> |
| Bridge | <u>75.6</u> | <u>× 3.94</u> | <u>closed</u> |
| Poop | <u>11.81</u> | <u>× 7.81</u> | <u>closed</u> |
| | <u>240.50</u> | | |

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 | " " " | |

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.

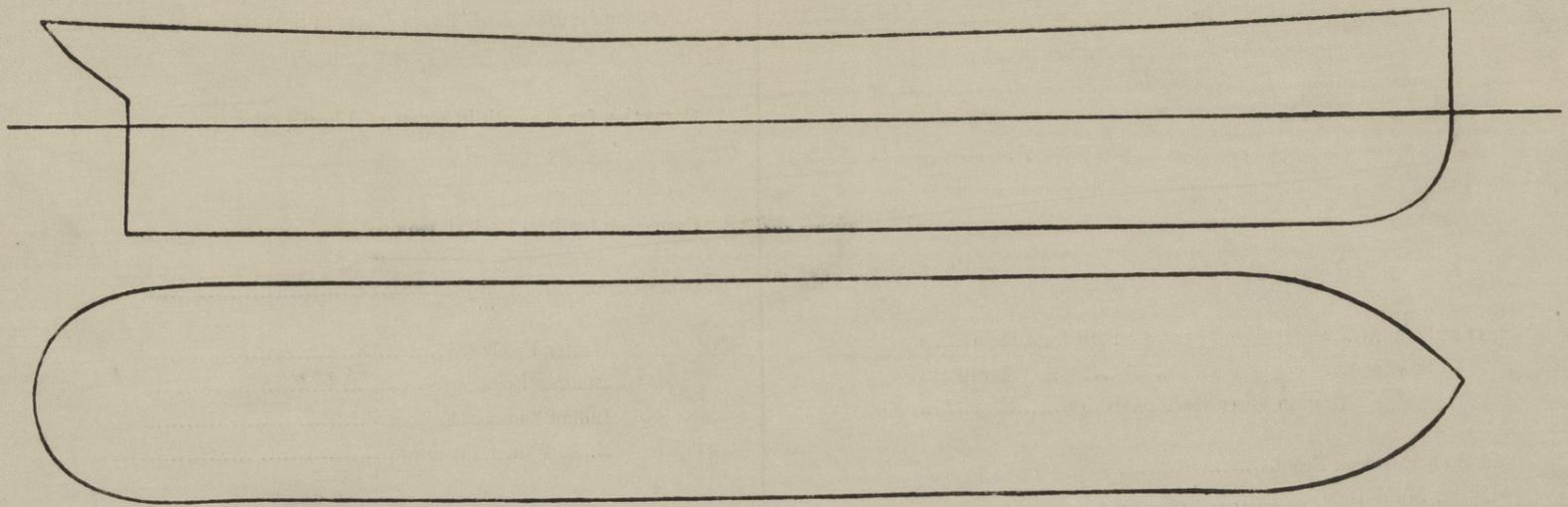


Do all the Frames extend to the top Height in the Spar deck? Awning deck?
 Do all the Frames extend to the top height in the Poop? Bridge House? Forecastle?
 To what height do the Reverse Frames extend?
 Has the Poop an efficient Iron Bulkhead at the fore end?
 Give particulars of the means for closing the openings in Bulkhead Has the Bridge House an efficient Bulkhead at the fore end?
 Is the Poop connected with the Bridge House?
 Give particulars of the means for closing the openings in Bulkhead
 What is the thickness of the Bridge Front plating? and Coaming plate?
 Give scantlings and spacing of the Stiffeners
 Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?
 Has the Bridge House an efficient Iron Bulkhead at the after end?
 How are the openings closed?
 Is the Forecastle at least as high as the main or top-gallant rail? Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?
 Are the Engine and Boiler openings covered by a Bridge, Poop, }
 or enclosed by a Strong Iron or Steel Deckhouse? }
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed?
 Give thickness of plating; scantlings and spacing of Stiffeners.
 What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the }
 requirements of Section 28 of the Rules for 1904-5? Give particulars below:— }

| Position and Size. | | Ship. | | Rule. | | Ship. | | Rule. | | Ship. | | Rule. | |
|-------------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Item. | | Ship. | Rule. |
| COAMING. | Height above top of DECK | | | | | | | | | | | | |
| | Thickness { Sides..... Ends..... | | | | | | | | | | | | |
| SHIFTING BEAMS OR WEB PLATES. | Number | | | | | | | | | | | | |
| | Section and Scantlings | | | | | | | | | | | | |
| | Material | | | | | | | | | | | | |
| * FORE AND AFTERS. | Number | | | | | | | | | | | | |
| | Section and Scantlings | | | | | | | | | | | | |
| | Material | | | | | | | | | | | | |
| HATCHES | Thickness | | | | | | | | | | | | |
| Remarks..... | | | | | | | | | | | | | |

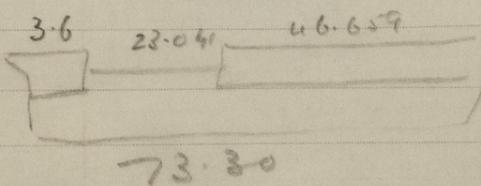
* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel



3.000
28.000
28.648
36.650
10.009

$\frac{10.009}{73.30} = 13.65\%$ *add*

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £

Received by me

Plating No 17170
h. 34 5
h. 12 2
2 25

$\frac{.365 \times 2.5}{2.000} = .457$
2.5
2.958



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