

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

28 JUN 1927

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR
AWNING DECKS.Port of Survey Rotterdam
Date of Survey 20th June 1927 & whilst building
Name of Surveyor H. J. Jonker

Ship's Name. S.S. COTTICA	Port of Registry and Nationality. <u>Amsterdam</u> <u>Dutch</u>	Official Number.	Gross Tonnage.	Date of Build. <u>1927</u>	Particulars of Classification. <u>+ 100 A1 with freeboard.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK Tonnage.
	<u>315.25</u>	<u>47.25</u>	<u>27.42</u> <u>19.42</u>	<u>2226</u>
Length on LOADLINE	<u>315-0</u>	Frame Depth <u>7 1/2</u> Rule " <u>5 1/2</u> <u>x 2 = .33</u> <u>2</u> <u>Sparring fitted</u>	Ceiling <u>fitted</u> Sheer <u>+ 1 1/4</u> <u>fitted .24</u>	Peak <u>incl.</u> Tanks <u>incl.</u> <u>For 9 1/2 frames</u> <u>in M.S. structure</u> <u>+ 4 tons</u>
CORRECTED DIMENSIONS.	<u>315.0</u>	<u>46.92</u>	<u>19.66</u>	<u>2230</u>

Moulded Depth as measured 22-6 Main Deck.
" " " 30-6 Spelter added
Spar or Awning Deck.

22-6
1
22-7
3-2
19-5

Co-efficient of fineness468
Any modification necessary }
[Para. 4 (a) to (e)*] } C.D.B
Co-efficient as corrected45Addition for Keel below base line for
draught record..... 3/4 inches.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.... 315
Length in Table 270
Difference 45
Correction for 10ft.6
× Difference ÷ 10 = 2.7
+ 2 3/4

Allowance for strength in excess of Lloyd's rules =

State particulars—

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 1. 10 1/4
Correction for Length..... + 2 3/4
between rule thickness of upper deck on
2" deck to top of actual steel deck on upper deck
Correction for Height of 'Tween Decks in Spar-decked Ships..... + 4. 8 1/2
9. 9 1/2

Correction for Strength in excess of Lloyd's rules.....

Correction for Iron Deck if required.....

Other Corrections (if any).....

Winter Freeboard..... 9'-9 1/2
Summer Freeboard..... 4 4'
Indian Summer Freeboard..... 9'-1 1/2
N. A. Winter Freeboard..... 9'-11 1/2

Correction necessary because clearside amidships measured
in accordance with the Statute is not taken at inter-
section of the wooden steel deck with side

NIL

Winter Freeboard from Deck Line 9" 9 1/2
Summer " " 9. 5 1/2
Indian Summer " " 9- 1 1/2
N.A. Winter " " 9- 11 1/2

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

Fresh Water Line above centre of Disc ... 5 1/2
Indian Summer Line " " " ... 4
Winter Line below " " " ... 4
Winter North Atlantic Line " " " ... 6

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 ^{SHELTER} ~~Spar~~ deck? *at alternate frame and as awning deck?* ✓
 Do all the Frames extend to the top height in the Poop? ✓ Bridge House? *approved* ✓ Forecastle? ✓
 To what height do the Reverse Frames extend? *all bulb angle frames* ✓
 Has the Poop an efficient Iron Bulkhead at the fore end? ✓
 Give particulars of the means for closing the openings in Bulkhead ✓
 Is the Poop connected with the Bridge House? ✓ Has the Bridge House an efficient Bulkhead at the fore end? ✓
 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, } *Strong steel deck houses on C.S.S. Deck.*
 or enclosed by a Strong Iron or Steel Deckhouse?

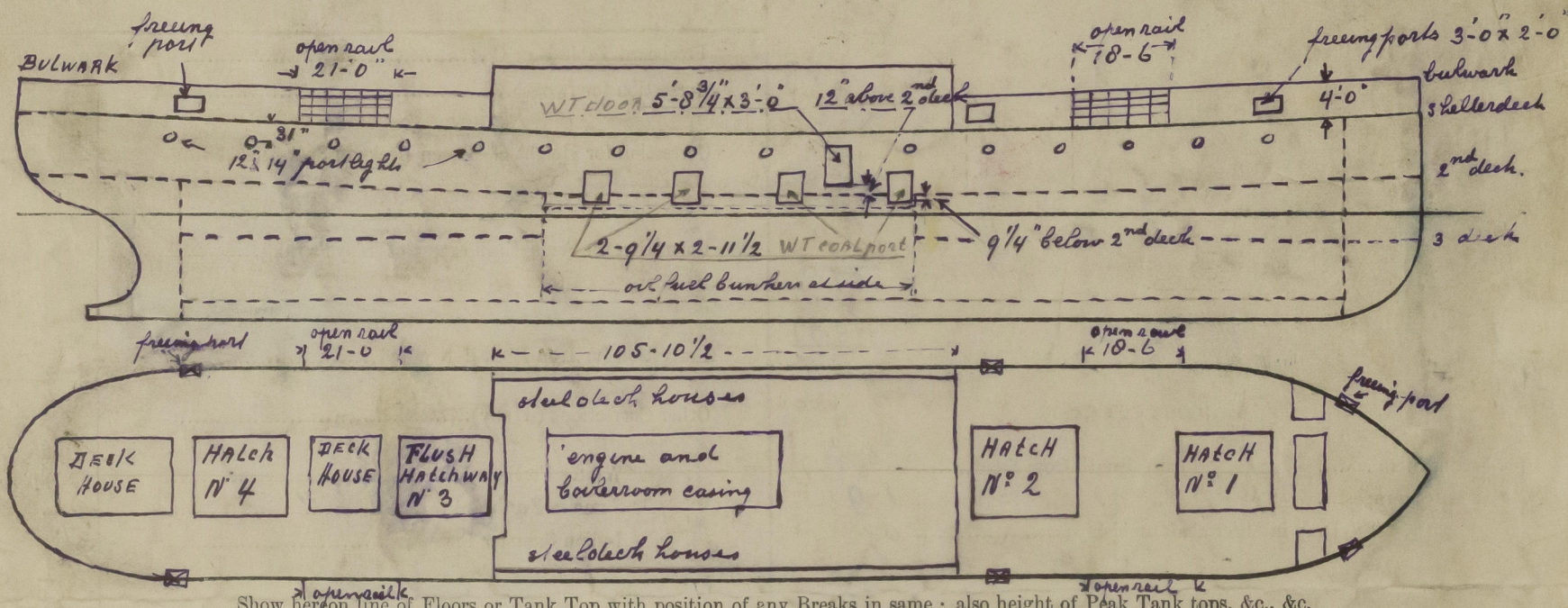
If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes* ✓
 Give thickness of plating; scantlings and spacing of Stiffeners *plate .28 stiffeners L 2 1/2 x 2 x .24 spaced 28"*
 What is the height of the exposed Casings? *± 2-6 above B deck* Are suitable means provided for closing all openings in them in bad weather? *yes* ✓

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:— *see below*

Position and Size.	N°1 Hatch-20-3x12-0		N°2 Hatch-23-6x14-0		N°3 Hatch-21-2x14-0		N°4 Hatch-21-2x14-0			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	2'-6" above wood deck		2'-6" above wood deck		Flush with wood deck		2-6 above wood deck			
Thickness { Sides.....	.44		.44		.44		.44			
Ends.....	.44		.44		.44		.44			
SHIFTING BEAMS OR WEB PLATES.										
Number	3		3		4		3			
Section and Scantlings	plate 11x.30		plate 12x.32		7/4x7/4x.36 I		plate 12x.30			
Material	L 3x3x.40		L 3 1/2x3x.42		3x3x.40		angle 3x3x.40			
* FORE AND AFTERS.										
Number										
Section and Scantlings										
Material										
HATCHES Thickness	2 1/2		2 1/2		2 1/2		2 1/2			
Remarks.....	2 1/2 pine for all hatches.									

* 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 *The vessel has been constructed in accordance with the approved plans, which are retained in your office for reference*

Builder's name and yard number *Messrs P. Smits Jr. Yard N° 410*

Names of sister vessels

Owners *Koninklijke Nederlandsche Stoomboot Maatschappij*

Address *Amsterdam*

Application form will be sent afterwards

Received by me *16th July*