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Index No. (For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

REPORT NO 1881.

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

Port of Survey Lisbon  
Date of Survey 12-3-30  
Name of Surveyor W. J. Sells

Ship's Name. <b>"ANGOLA"</b>	Port of Registry and Nationality. <u>Lisbon.</u>	Official Number.	Gross Tonnage.	Date of Build. <u>1912.</u>	Particulars of Classification. <u>100 A.1. Shellin Deck with Freeboard.</u>
Number in Register Book <u>14045</u>					

Registered dimensions from Ship's Register.	LENGTH. <u>439.52</u>	BREADTH. <u>55.79</u>	DEPTH. <u>26.05</u>	UNDER DECK Tonnage. <u>4752.08</u>
Length on LOADLINE	<u>440.0</u>	Frame Depth $\frac{9}{2}$ Rule " $\frac{6\frac{1}{2}}{3}$ x 2 = <u>-.50</u>	Ceiling $\frac{2\frac{1}{2}}{12}$ Sheer <u>-.09</u>	Peak Tanks } <u>Ind.</u>
CORRECTED DIMENSIONS.	<u>440.0</u>	<u>55.29</u>	<u>26.16</u>	<u>4752.08</u>

Moulded Depth as measured ..... 28'-9" Main Deck.  
" " " ..... 37'-0" 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 fineness ..... .74  
Any modification necessary [Para. 4 (a) to (e)\*] } C.D.B  
Co-efficient as corrected ..... .72

CORRECTION FOR LENGTH:—  
Length of Ship on Load Line.... 440.0  
Length in Table ..... 345.0  
Difference..... 95.0  
Correction for 10ft..... 6.65  
x Difference ÷ 10 = + 6<sup>3</sup>/<sub>4</sub>"

Allowance for strength in excess of Lloyd's rules =

State particulars— 3 steel decks  
Shelter upper deck wood sheathed  
Deep bulb angle framing fitted  
alternately to shelter upper decks  
and webbs fitted in foredecks.

Height of Tween Decks..... 8'-3"  
(From top of beam to top of beam at side)  
Correction for Height of Tween Decks in Spar-decked Ships.....

Freeboard Table B & C ..... 3'-9"  
Correction for Length..... + 6<sup>3</sup>/<sub>4</sub>"  
4'-3<sup>3</sup>/<sub>4</sub>"  
Correction for Height of Tween Decks in Spar-decked Ships  
from 2 1/2" Cheating on Shelter Deck to  
assumed rule sheathing 3 1/2" on upper decks + 8.2  
12'-5<sup>3</sup>/<sub>4</sub>"  
Correction for Strength in excess of Lloyd's rules.....  
Limited by Side Lights  
- 8/16  
12'-5"

Sheer at Stem ..... 99 at  $\frac{1}{4}$  length from Stem ..... 45 } 55.5  
Sternpost... 33 " " " Sternpost... 10.5

Drop in Sheer abaft amidships.....

Correction for Iron Deck if required..... -  
Other Corrections (if any)..... -  
Winter Freeboard.....  
Summer Freeboard ..... } 12'-5"  
Indian Summer Freeboard.....  
N. A. Winter Freeboard.....

Round of ~~Spar~~ Shelter deck Beam..... 13<sup>7</sup>/<sub>8</sub>"  
" " Main-deck " ..... 13<sup>7</sup>/<sub>8</sub>"

Length x Height. State if open or closed at ends.  
Forecastle ..... 83.6 x 7.6  
Bridge..... 18.0 x 7.6 } Closed.  
Poop..... 57.0 x 7.6 } Closed.

Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood ~~deck~~ deck with side } + 1"

Winter Freeboard from Deck Line .....  
Summer " " ..... } 12'-6"  
Indian Summer " " .....  
N.A. Winter " " .....  
Shelter

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

Fresh Water Line	above	centre of Disc	...
Indian Summer Line	"	"	...
Winter Line	below	"	...
Winter North Atlantic Line	"	"	...

12'-6" For all seasons  
6 1/2"

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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.



W1018-0041

Do all the Frames extend to the top Height in the Spar deck? *Yes*  
 Do all the Frames extend to the top height in the Poop? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *from Bulwark framing*  
 Has the Poop an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *wooden hinged doors*  
 Is the Poop connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *no openings*  
 What is the thickness of the Bridge Front plating? *1/2"* and Coaming plate? *1/2"*  
 Give scantlings and spacing of the Stiffeners  
 Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *wood hinged doors*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Yes*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, or enclosed by a Strong Iron or Steel Deckhouse? *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  
 What is the height of the exposed Casings? *1/2"* 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:— *Yes*  
*See Lisbon Letter 21.6.30.*

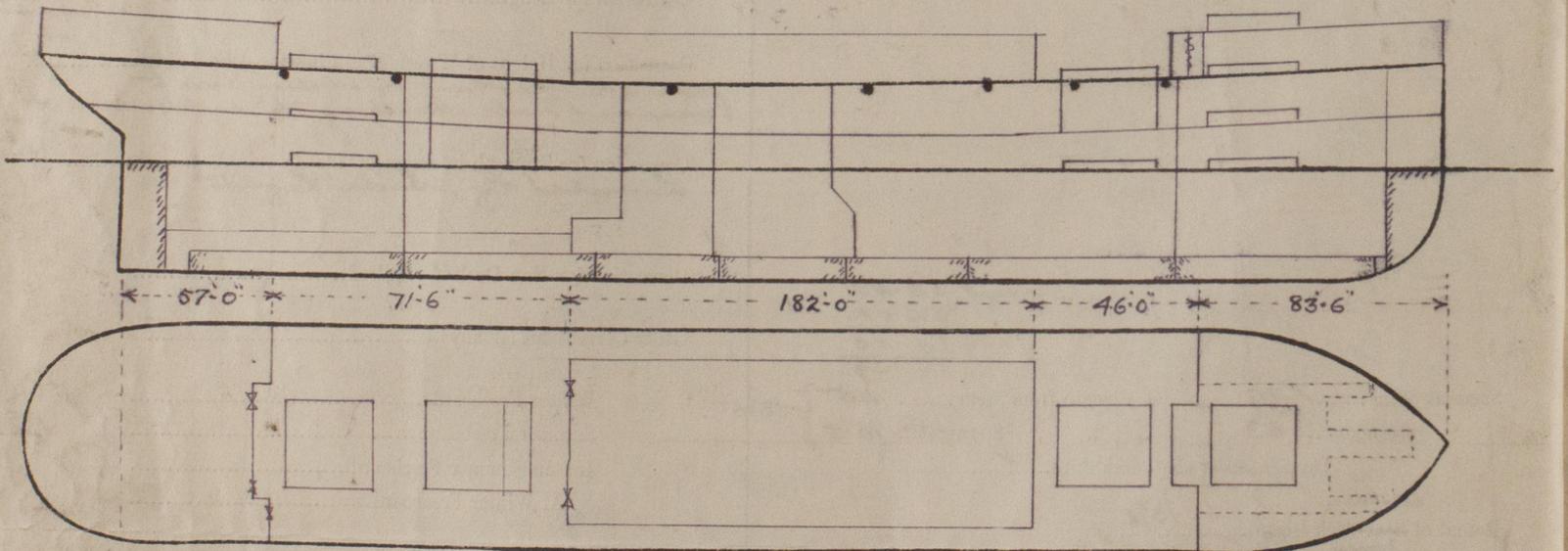
Position and Size.	No. 1 18'-0" x 14'-0"		No. 2 22'-0" x 14'-0"		No. 3 22'-0" x 14'-0"		No. 4 18'-0" x 14'-0"		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship. 18'-0"	Rule.	Ship.	Rule.		
COAMING	Height above top of DECK	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"		
	Thickness	Sides.....	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"		
		Ends.....	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"		
SHIFTING BEAMS OR WEB PLATES	Number .....	3	4	4	4	3				
	Section and Scantlings .....	3x3 3/8 .36	3x3 3/8 .36	3x3 3/8 .36	3x3 3/8 .36	3x3 3/8 .36				
	Material .....	Steel	Steel	Steel	Steel	Steel				
* FORE AND AFTERS	Number .....									
	Section and Scantlings .....	✓	✓	✓	✓	✓				
	Material .....									
HATCHES Thickness .....	3"	3"	3"	3"	3"	3"				
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.)

7 FREEING PORTS EACH SIDE 3'-6" x 1'-4".

7- 3 1/2" SCUPPERS P,  
7- 3 1/2" " S.



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

Lowest side Scuttle 25'-4 1/8" above base line  
 Clearance 6"  
 24-10 1/2"

37'-0" to D. to Sheer bed,  
 3" Sheathing + 6"  
 1 S.D.L

37'-4"  
 24-10 1/2" Limited brought for side scuttles  
 12'-5 3/8" Ind.

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £ 10 : 16 : 8

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