

Rpt. 11b.

(Verification)

Index No. 32315
(For London Office only.)Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD-STEAM SHIPS.

No. 29400

PARTICULARS RELATING TO ALL STEAM SHIPS, EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE, with shelter deck and tonnage opening aft.

Port of Survey Sunderland
Date of Survey March 19th 1927
Name of Surveyor W.P. Collings

Particulars of Classification.

400 A1. Shelter dk with fwd (contemplated)

Ship's Name "Anglo Australian"Port of Registry and Nationality London BritishOfficial Number 149814Gross Tonnage 5012.85Date of Build. 1924

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	426.0	58.0	26.1	5012.85
Length on LOADLINE.	425.5	average Frame Depth 11 1/2 Rule "6" Sheer +06. 2 x 5 1/2 = 10.92 open ceiling fitted.	Ceiling fitted Sheer +06. Tank top level.	Peak Tanks } Incl. Raised portion of DR aft. +065
CORRECTED DIMENSIONS.	425.5	57.08	26.16	5019.35

Co-efficient of fineness..... 0.8879
Any modification necessary } 0.02
[Para. 4 (a) to (e)]*
Co-efficient as corrected 0.8879Sheer { Stem..... 72 } 113 ÷ 2 = 56.5...Mean
at { Sternpost ... 41 }
Sheer at 1/3 of the length from { Stem 39.5 } 60.5 ÷ 2 = 30.25...Mean
Sternpost 21.0 } 55.00 ÷ 2 = 55.00
Gradual mean Sheer 55.00
Standard mean Sheer [Table, Para. 18] 52.55 Correction
Difference..... 2.45 ÷ 4 = .612
§ If limited as Para. 18 (f) -1/2Rise in Sheer { At front of bridge house.....
from amidships {
[Para. 18 (e)] { At after end of forecastleFall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:-

Freeboard, Table C..... 3' 9 3/4"
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 6' 11"
Difference 3' 1 1/4"
Percentage as below..... 94.62
37.25 x 94.62 = 35.25
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections -2' 11 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	<u>385-3</u>	<u>385.25</u>	<u>12ft 9 1/2"</u>
Bridge House	<u>5-2</u>		
↑ Raised Q. Dk.	<u>5-2</u>		
Poop.....	<u>35-1</u>	<u>35.08</u>	<u>8ft.</u>
Total	<u>425-6</u>	<u>420.33</u>	<u>2.58</u>
Length of Ship		<u>422.42</u>	<u>99.4</u>
Corresponding percentage {		<u>425.5</u>	
(Para. 11, 12, 13, or 14) }	<u>94.62</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 " " "

If frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible. The height of the R.Q.D. is to be taken from the level of the top of the amidship beam. The height of the R.Q.D. is to be taken from the level of the top of the amidship beam. The height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

MARKING FORM

25 MAR 1927

Moulded Depth as measured..... 28'-6"
Addition for Keel below base line for draught record..... 2 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 Loadline..... 425.5
Length in Table 342.0
Difference 83.5
Correction for 10ft., Table A. 1.5 Table C. ✓
× Difference divided by 10 12.52 (if required.)
If 1/10ths length covered divide by 2 6.26 + 6 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 3 1/2 - 3 1/2
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 57.5
Round of Beam 14 1/2
Normal round..... 14 1/2
Difference 1 ÷ 2 =
Proportion of Deck uncovered (Para. 19)

NOTE - The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A 6' 11 1/2"
Correction for Sheer - 1/2"
Correction for Length + 6 1/4"
Allowance for Deck Erections 7' 5 1/4"
Correction for Round of Beam..... - 2' 11 1/4"
Correction for fall in Sheer (if any).....
Correction for Steel Deck (if required) 4' 2 1/2"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)Winter Freeboard 4' 2 1/2"
Summer Freeboard 3' 8 1/2"
Indian Summer Freeboard 3' 2 1/2"
N. A. Winter FreeboardCorrection necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. + 1 3/4"Winter Freeboard from deck line 4' 4 1/4"
Summer " " " " 3' 10 1/4"
Indian Summer " " " " 3' 4 1/4"
N. A. Winter " " " "
Wood (Steel) Deck :-

† State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

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Do all the Frames extend to the top height in the Poop?

To what height do the Reverse Frames extend?

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck 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?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?

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?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter 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?

Give thickness of plating; scantlings and spacing of Stiffeners

What is the height of the exposed Casings?

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.		No. 1 - 36'0" x 22'0"		No. 2 - 31'0" x 22'0"		No. 3 - 25'10" x 22'0"		No. 4 - 10'4" x 22'0"		No. 5 - 28'5" x 22'0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30"		30"		30"		30"		30"	
	Sides	44		44		44		44		44	
	Thickness	44		44		44		44		44	
SHIFTING BEAMS OR WEB PLATES	Number	5		5		3		14 1/2 x 34		16 x 36	
	Section and Scantlings	20 x 36		13 1/2 x 44		5 x 3 x 44		5 x 3 x 44		5 x 3 x 44	
	Material	Steel		Steel		Steel		Steel		Steel	
* FORE AND AFTERS	Number	None		None		None		None		None	
	Section and Scantlings										
	Material										
HATCHES Thickness		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
Remarks		Good		Good		Good		Good		Good	

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake?

Delete the words that do not apply { The Crew are, are not, berthed in the bridge house.
The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel

Ft. Tenths. Ft. Tenths.

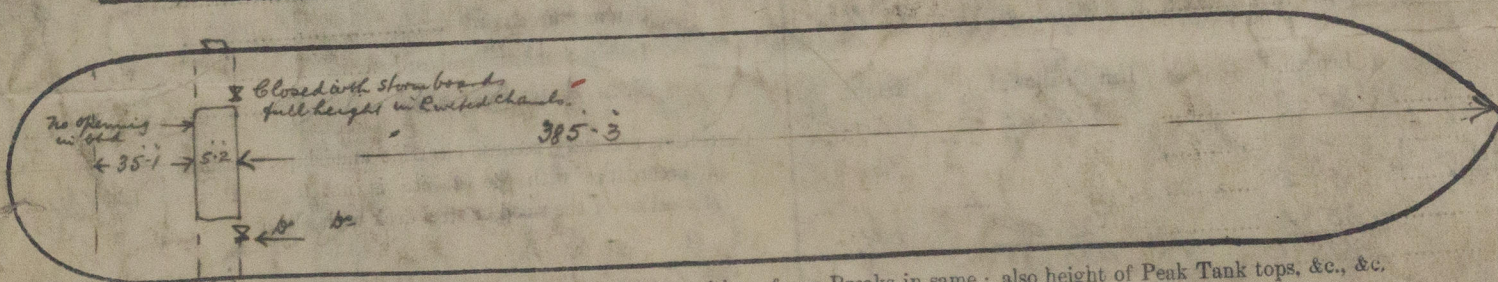
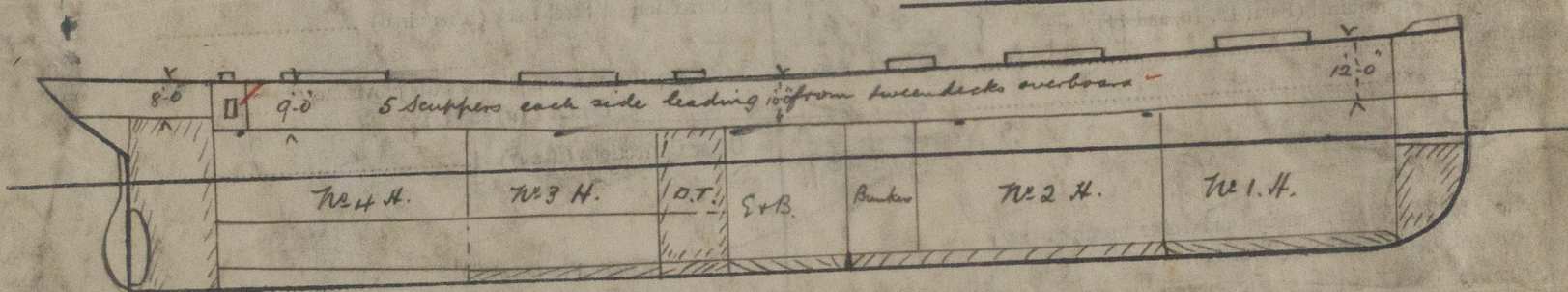
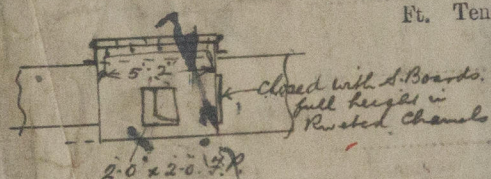
Freeing Ports (each side of vessel)

Total deficiency or excess

Sq. ft.

Sq. ft.

Sq. ft.



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

Builder's name and yard number Short Bros Ltd. 424.

Names of sister vessels S. S. Anglo Peruvian (423)

Owners Lawther, Latta. & Co. Ltd.

Address London

Fee £ 11

Received by me

See F.C. Rpt.

And be charged on completion

No special features.

Request form herewith attached. approved plans are in the London office. Draft @ 25'0 3/4 draft = 13426 tons. Tons per inch



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