

Rpt. 11b.
32070

(Verification)

32315
Index No. 32315
(For London Office only.)
No. 29400

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD - STEAM SHIPS.

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.

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

Ship's Name "Anglo Australian"

Port of Registry and Nationality London British

Official Number 149814

Gross Tonnage 5012.85

Date of Build 1924

Particulars of Classification #100 A1. Shelter-dk with fwd (contemplated)

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH. <u>426.0</u>	BREADTH. <u>58.0</u>	DEPTH. <u>26.1</u>	UNDER DECK TONNAGE. <u>5012.85</u>
Length on LOADLINE.	<u>425.5</u>	average Frame Depth $\frac{1}{2}$ Rule <u>6</u>	Ceiling fitted Sheer <u>+06</u>	Peak Tanks } incl. Raised portion of DR aft. <u>+63</u>
CORRECTED DIMENSIONS.	<u>425.5</u>	<u>57.08</u>	<u>26.16</u>	<u>5019.35</u>

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.

Co-efficient of fineness..... .788.79
Any modification necessary [Para. 4 (a) to (e)]* .02
Co-efficient as corrected..... .768 say .77

CORRECTION FOR LENGTH

Length of Ship on Loadline.....	<u>425.5</u>
Length in Table	<u>342.0</u>
Difference	<u>83.5</u>
Correction for 10ft., Table A.	<u>1.5</u> Table C. ✓
× Difference divided by 10	<u>12.52</u> (if required.)
If $\frac{1}{10}$ ths length covered divide by 2	<u>6.26</u> + <u>6 1/4</u>

Sheer at Stem..... 72 } $113 \div 2 = 56.5$... Mean
at Sternpost ... 41

Sheer at $\frac{1}{3}$ of the length from Stem 39.5 } $60.5 \div 2 = 30.25$... Mean
Sternpost 21.0 } $+55.9 = 55.0$

Gradual mean Sheer 55.00
Standard mean Sheer [Table, Para. 18] 52.55 Correction
Difference..... 2.45 $\div 4 = .612$

§ If limited as Para. 18 (f) -1/2

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered 3 1/2
Thickness of usual wood deck, less stringer -3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>57.5</u>
Round of Beam	<u>14 1/2</u>
Normal round.....	<u>14 1/2</u>
Difference	<u>-</u> $\div 2 =$
Proportion of Deck uncovered (Para. 19)	✓

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

Rise in Sheer from amidships [Para. 18 (e)]
At front of bridge house..... ✓
At after end of forecastle

Fall in Sheer Para. 18 (d) } $\div 2 =$ ✓
Length uncovered Correction

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

ALLOWANCE FOR DECK ERECTIONS:-

Freeboard, Table C.....	<u>3'-9 3/4"</u>
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) }	<u>6'-11"</u>
Difference	<u>3'-1 1/4"</u>
Percentage as below.....	<u>94.62.49</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }	<u>35.25.16</u>
Allowance for Deck Erections	<u>- 2'-11 1/4"</u>

	Length.	Length allowed.	Height.
Forecastle.....	<u>385-3</u>	<u>385.25</u>	<u>12 to 9 ft.</u>
Bridge House	✓	✓	✓
† Raised Q. Dk.	<u>5-2</u>	✓	✓
Poop.....	<u>35-1</u>	<u>35.08</u>	<u>8 ft.</u>
Total	<u>425-6</u>	<u>420.33</u>	<u>2.58</u>
Length of Ship	<u>425.5</u>	<u>422.425.91</u>	<u>.994</u>
Corresponding percentage (Para. 11, 12, 13, or 14) }	<u>94.62.49%</u>	<u>425.5</u>	<u>99.62</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	"	"	✓

Winter Freeboard from deck line	<u>4'-4 1/4"</u>
Summer " " " "	<u>3'-10 1/4"</u>
Indian Summer " " " "	<u>3'-4 1/4"</u>
N. A. Winter " " " "	✓
Wood (Steel) Deck :-	<u>3'-10"</u>
✓	<u>4"</u>
✓	<u>6"</u>
✓	<u>6"</u>

Frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside plates should be reported if possible.

† 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.

MARKING FOR 25 MAR 1927



all frames extend to the top height in the Poop? *Deep framing*

To what height do the Reverse Frames extend? *Deep framing*

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

Give particulars of the means for closing the openings in Bulkhead *NO opening*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *NO*

Give particulars of the means for closing the openings in Bulkhead *Complete shelter deck with 7 opening 5'2" x 22'0", efficient temporary covers are provided for closing the 7 opening in the shelter deck same fitted with eye plates lashings*

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 impr'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?*

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes* *The fore steel bhd in the well aft. has two openings closed with shifting boards in riveted channels full height.*

How are the openings closed? *Shifting boards in riveted channels full height of opening*

Is the Forecastle at least as high as the main or top-gallant rail? *Yes*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By superstructure*

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? *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*

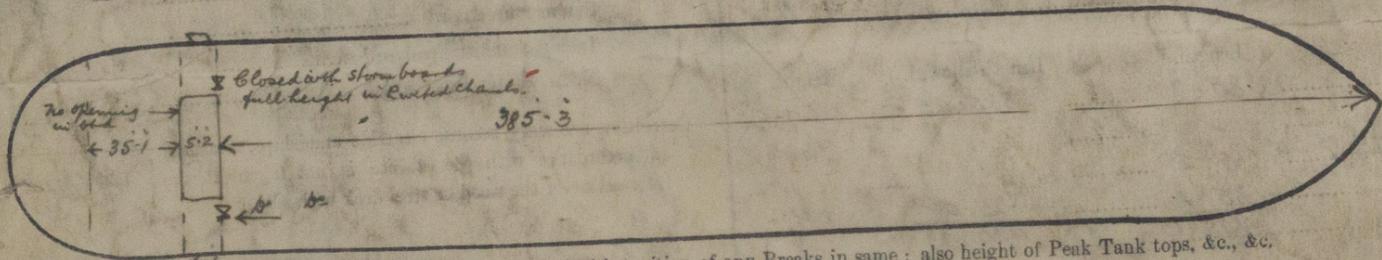
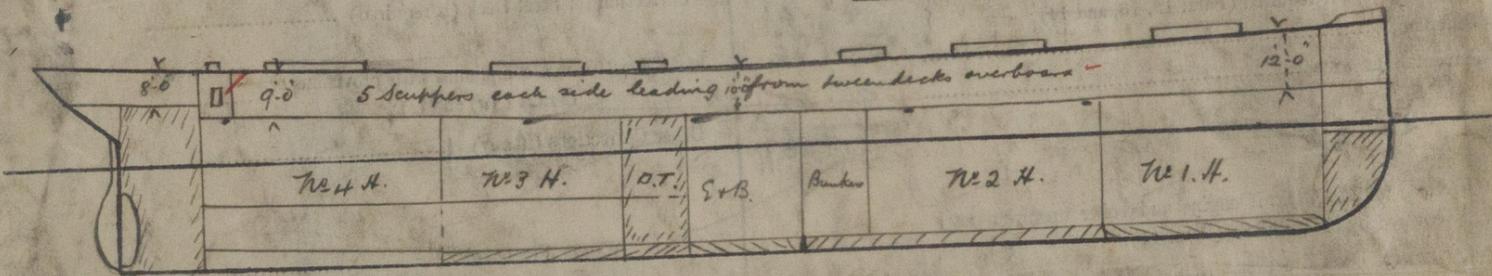
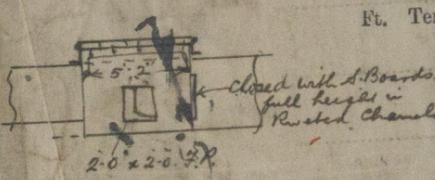
Position and Size.	No 1 - 36'0" x 22'0"		No 2 - 31'0" x 22'0"		No 3 - 25'10" x 22'0"		No 4 - 10'4" x 22'0"		No 6 - 28'5" x 22'0"	
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	30"	30"	30"	30"	30"	30"	30"	30"	30"
	Thickness	Sides	44"	44"	44"	44"	44"	44"	44"	44"
		Ends	44"	44"	44"	44"	44"	44"	44"	44"
SHIFTING BEAMS OR WEB PLATES	Number	5	5	3	14 1/2 x 34	5 x 3 x 14 1/2 + trunk bhd.	14 1/2 x 34	5 x 3 x 14 1/2	16 x 36	5 x 3 x 14 1/2
	Section and Scantlings	20 x 36	13 1/2 x 44	5 x 3 x 14 1/2	5 x 3 x 14 1/2	5 x 3 x 14 1/2	5 x 3 x 14 1/2	5 x 3 x 14 1/2	5 x 3 x 14 1/2	5 x 3 x 14 1/2
	Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
* FORE AND AFTERS	Number	None	None	None	None	None	None	None	None	None
	Section and Scantlings	None	None	None	None	None	None	None	None	None
	Material	None	None	None	None	None	None	None	None	None
HATCHES Thickness	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	
Remarks	Good	Good	Good	Good	Good	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.

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 = Sq. ft.
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.
 Ft. Tenths. Ft. Tenths. No. Freeing Ports (each side of vessel) = Sq. ft.
 Total deficiency or excess = 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 *No special features.*

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.

Must be charged on completion

Request form herewith attached approved plans are in the London office
 Draft @ 25'0 3/4 draft = 13726 tons
 Tons per inch



Lloyd's Register Foundation