

VERIFICATION REPORT

THU. 2 JUN. 1917

Form No. 9 ATTACHED 25788.

SUNDERLAND RPT. NO 27004

11b.

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
FOR 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 JUNE 19TH 1917
Name of Surveyor T. S. LEATHAM

Ship's Name. "ABERDEEN"
Port of Registry and Nationality. BRITISH ABERDEEN
Official Number. ✓
Gross Tonnage. ✓
Date of Build. 1917
Particulars of Classification. 100 A.1. "SHEER DECK" WITH APPROPRIATE (CONTEMPLATED)

Number in Register Book ✓
Registered Dimensions from Ship's Register.
Length on LOADLINE. 384.5
CORRECTED DIMENSIONS. 384.5
Co-efficient of fineness..... .80
Any modification necessary [Para. 4 (a) to (e)]* .02
Co-efficient as corrected78

Sheer { Stem..... 111 } 170 ÷ 2 = 85 ...Mean 42.76.36
at { Sternpost ... 59 }
Sheer at $\frac{1}{2}$ of the length from { Stem 55 } 84 ÷ 2 = 42 ...Mean
{ Sternpost 29 }
Gradual mean Sheer 76.36
Standard mean Sheer [Table, Para. 18] 48.45 Correction
Difference..... 27.91 ÷ 4 = 6.97
§ If limited as Para. 18 (f)..... ✓ -7

Rise in Sheer { At front of bridge house..... ✓
from amidships [Para. 18 (e)] { At after end of forecastle
Fall in Sheer {
Para. 18 (d) } ÷ 2 =
Length uncovered NO DROP IN SHEER Correction

ALLOWANCE FOR DECK ERECTIONS :—
Freeboard, Table C..... 3.3 1/4 2 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) 5.8 1/4
Difference 2.5 1/2
Percentage as below..... 94.4
27.85
5.46
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 2-3 3/4
Allowance for Deck Erections 2 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>35.12</u>	<u>35.12</u>	<u>7.11</u>
Bridge House	<u>4.25</u>		<u>7.11</u>
+ Raised Q. Dk.....	<u>29.13</u>	<u>29.13</u>	<u>7.11</u>
Poop.....	<u>38.4.50</u>	<u>38.0.25</u>	
Total		<u>2 diff. = 2.12</u>	
Length of Ship		<u>382.37</u>	
Corresponding percentage (Para. 11, 12, 13, or 14)		<u>94.4%</u>	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, W (Iron) Deck :—
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " "
Winter North Atlantic Line " " "

Moulded Depth as measured..... 26.9
Addition for Keel below base line for draught record..... 2 1/2 inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 384.5
Length in Table 321.00
Difference 63.5
Correction for 10ft., Table A. 1.4 Table C. ✓
× Difference divided by 10 8.9 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 4.45 + 4 1/2

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

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 52.70
Round of Beam 13
Normal round..... 13
Difference ÷ 2 = ✓
Proportion of Deck uncovered (Para. 19) ✓

Freeboard, Table A 6.3 1/4
Correction for Sheer -7
Correction for Length +4 1/2
Allowance for Deck Erections 2.5 1/2 3 3/4
3.9 1/4
Correction for Round of Beam.....
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) -3 1/2
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard 3.5 1/4 5 1/2
Summer Freeboard 3-0 1/2
Indian Summer Freeboard 2-6 1/2
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 iron deck with side. 2 ✓

Winter Freeboard from deck line 3.8 1/4 7 1/2
Summer " " " 3.2 1/2
Indian Summer " " " 2-8 1/2
N. A. Winter " " "

Deck Line, W (Iron) Deck :—
..... 3-2 ✓
..... .6 ✓
..... .5 1/2 ✓
..... .5 1/2 ✓

† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.
‡ In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

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.

Im. 12.16. T.
Copy to Surveyor 22/6/1917

© 2020
003599-003604-0292

ALTERNATE FRAMES TO SHELTER AND LOWER DECKS ALTERNATELY WITH INTERMEDIATE STIFFENERS 4 1/2 x 3 1/2 x 40 O.A.

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? Bridge House? Forecastle?
To what height do the Reverse Frames extend? *BUILD ANGLE 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 OPENINGS*
Is the Poop or Raised Quarter Deck 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 *Yes*
What is the thickness of the Bridge Front plating? *Yes* and Coaming plate? *Yes*
Give scantlings and spacing of the Stiffeners *Yes*
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? *SHIFTING BOLTS - FULL HEIGHT IN PIVOTED CHANNELS*
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, Raised Quarter Deck or enclosed by a Strong Iron or Steel Deckhouse? *Yes*
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 *Yes*
What is the height of the exposed Casings? *7.0* Are suitable means provided for closing all openings in them in bad weather? *Yes*
Are the Deck Hatchways efficiently constructed and at least equal to the requirements of Part 28 of the Rules for 1904-5? Give particulars below:— *Yes*

Position and Size.		No 1 HATCH 20'9" x 18'0"		No 2 HATCH 20'9" x 18'0"		No 3 29'9" x 18'0"		No 4 27'7 1/2" x 18'0"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30	24	30	24	30	24	30	24		
	Thickness { Sides.....	.52	.52	.54	.54	.54	.54	.54	.54		
	{ Ends.....	.44	.44	.44	.44	.44	.44	.44	.44		
SHIFTING BEAMS OR WEB PLATES.	Number	5	5	5	5	5	5	45	45		
	Section and Scantlings	PLATE 15 x 7/4 x 3/4 ANGLES 4 x 3 x 1/4		PLATE 13 x 6 x 3/2 ANGLES 4 x 3 x 1/4		PLATE 15 x 7/4 x 3/4 ANGLES 4 x 3 x 1/4		PLATE 11 x 6 x 3/2 ANGLES 4 x 3 x 1/4			
	Material	STEEL	Table A	STEEL	Table B	STEEL	Table B	STEEL	Table B		
* FORE AND AFTERS.	Number										
	Section and Scantlings			NO FORE AND AFTERS.							
	Material										
HATCHES Thickness		2 1/2 PINE		2 1/2 PINE		2 1/2 PINE		2 1/2 PINE			
Remarks.....		SATISFACTORY									

* 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? *7/4* Strake between Main and Bridge Sheerstrakes? *68*

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

Length of Bulwarks in well

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

Ft. Tenths.	Ft. Tenths.	No.		
			Freeing Ports	Sq. ft.
			(each side of vessel)	

Total deficiency or excess = Sq. ft.

