

Anna 25084

Verification Report.

No. 25890.

Lloyd's Register of British & Foreign Shipping.

MON. OCT. 27. 1913

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

23320

Particulars relating to all steam ships either flush decked, or with tallant 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 While building

Name of Surveyor Ammed Eren

Ship's Name S.S.

Port of Registry and Nationality London

Official Number 123343

Gross Tonnage 4645

Date of Build 1913.

Particulars of Classification +100 A1

Den of Eunie

Number in Register Book

Length	Breadth	Depth	Under Deck Tonnage
388.5	54.15	26.00	4345.98
388.14	Frame Depth 12 Rule " 6 6x2.12 " 6 -1.0 x Sparring fitted	Ceiling complete Sheer +1.13 level tank top.	Peak Tanks Incl.
388.14	53.15	27.13	4345.98

Moulded Depth as measured..... 28.6 1/2 x

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..... 388.14 x
Length in Table 342.50 x
Difference 45.64 x
Correction for 10ft., Table A. 1.5 x Table C.
x Difference divided by 10 6.84 x (if required.)
If 1/10ths length covered divide by 2 3.42 x + 32 x

CORRECTION FOR IRON DECK.

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

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 51.11
Round of Beam 13
Normal round..... 12.97
Difference ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

efficient of fineness..... .776
modification necessary {
[Para. 4 (a) to (e)]* } .02
efficient as corrected758

Stem..... 1264
Sternpost ... 59 x 185 ÷ 2 = 92.5 Mean 49.31 = 89.65

at 1/8 of the length from { Stem 68.37 x
Sternpost 30.25 x 98.62 ÷ 2 = 49.31 Mean

actual mean Sheer allowed 89.65 x
standard mean Sheer [Table, Para. 18] 48.81 x
Difference..... 40.84 ÷ 4 = 10.21 x
if limited as Para. 18 (f)..... -10.4 x

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

Fall in Sheer { ÷ 2 = nil.
Para. 18 (d) }
length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 3.9 x 1/4
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A. corrected for sheer, and for length, { 6. x 0 1/2
if required (Para. 12, 13, and 14) } 2.34 x
Difference
Percentage as below..... 94.32
- 25.70 x

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections 2.13 x

Length.	Length allowed.	Height.
Forecastle..... 346.23 + (3/4 x 25)	346.41 x	8.0
Bridge House.....		
Raised Q. Dk.....		
Top..... 35.41 + (1/2 x 2.16)	36.49 x	8.0
Total 1/2 Diff	382.90 x	
Length of Ship 385.52	99.32 x	
Corresponding percentage { 94.32	388.14	
Para. 11, 12, 13, or 14) }		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
Fresh Water Line above centre of Disc
Indian Summer Line " "
Winter Line below "
Winter North Atlantic Line " "
28 10.13

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 3.17 x 10 3/4
Summer Freeboard 3.5 x 10 3/4
Indian Summer Freeboard 2.17 x 10 3/4
N. A. Winter Freeboard

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N. A. Winter " " " "

+ 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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Shelter Deck? Yes

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*

To what height do the Reverse Frames extend? *Channel 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 *Yes*

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? *Yes*

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? *Yes* 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.	21.8 x 17.11 1/2		30.4 x 19.11 1/2		26.0 x 17.11 1/2		23.10 x 17.11 1/2		8.8 x 19.0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30"	18"	30"	18"	30"	18"	30"	18"	30"	18"
Thickness										
Sides	.48		.54		.50		.48		.36	
Ends	.40		.40		.40		.40		.36	
SHIPPING DECKS AND WEB PLATES.										
Number	three		five		four		three			
Section and Scantlings	Angles 4x3x40		Angles 4x3x40		Angles 4x3x40		Angles 4x3x40			
Material	Steel		Steel		Steel		Steel			
* FORE AND AFTERS.										
Number										
Section and Scantlings										
Material										
HATCHES Thickness	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.)

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? *.68* Strake between Main and Bridge Sheerstrakes? *.62*

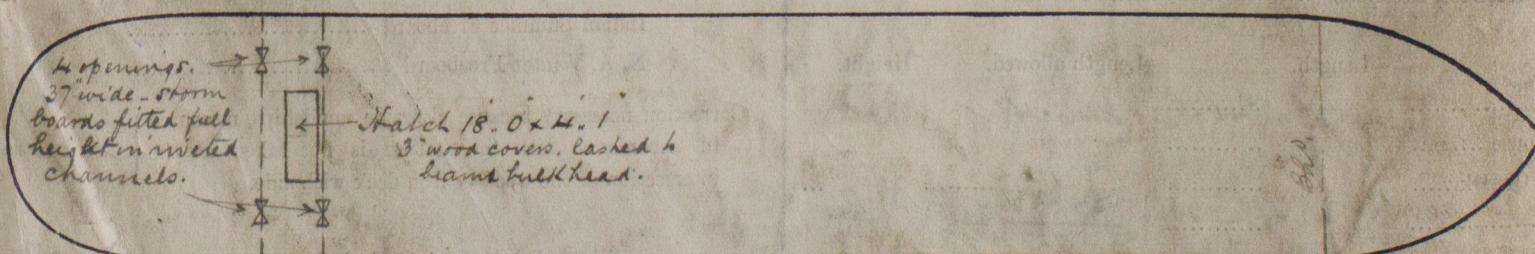
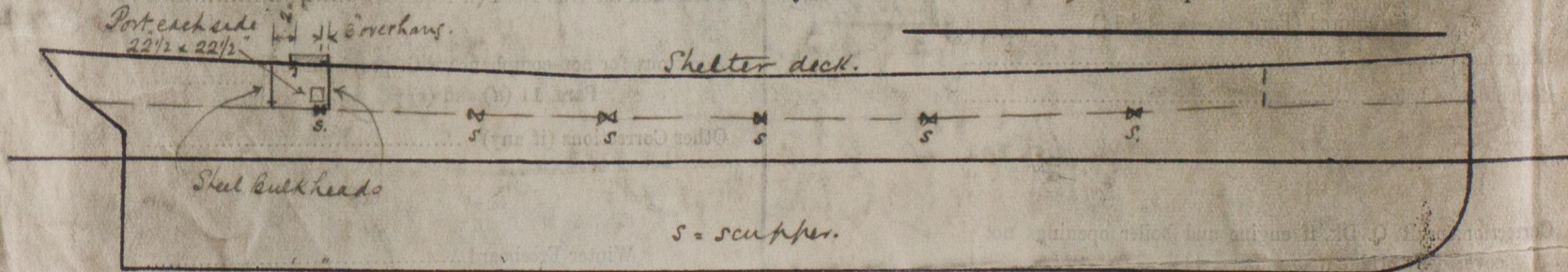
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well *Yes*

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

Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *in tonnage opening.* Sq. ft.
(each side of vessel)

Total deficiency or excess = *Yes* 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 *The approved plans of the vessel are enclosed for reference. Request form No. 9 attached. Letter from Builders enclosed giving displacement & tonnage at load draught (25.5) for fresh water mark assignment.*

Owners *The "Ben of Gwaie" is off the same model as the Builder's No. 498 (S.S. Kiruna) Ltd. 7th.*

Address *report No. 25730. The latter vessel was measured for tonnage without spar.*

Fee £ *Received by me*