

Verification.

Npt 17/9/32

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Index No.

(For London Office only)

No 28601.

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH  
HANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS  
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Thompson & Sons. No 319.

Port of Survey Sunderland  
Date of Survey June 22<sup>nd</sup> 1923  
Name of Surveyor W.P. Collins

Ship's Name  
**GWENTLAND**

Port of Registry  
and Nationality.  
Newport  
Mon  
British

Official  
Number.

Gross  
Tonnage.

Date of Build.

Particulars of Classification.

**100 A1**

(Contemplated)

NOTE.— If the  
depth is measured  
when vessel is  
afloat, the details  
of measurement  
should be reported.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	264.0	39.0	17.0	1404
Length on LOADLINE.	264.0	mean Frame Depth 8 Rule " 5 2 x 3 = 1.5	Ceiling <u>litted</u> Sheer <u>+50</u>	Peak Tanks } Incl.
CORRECTED DIMENSIONS.	264.0	38.5	17.5	1404

Moulded Depth as measured..... 19' 5 1/2

Addition for Keel below base line  
for draught record..... 1 1/4 inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	264.0
Length in Table .....	233.0
Difference .....	30.5
Correction for 10ft., Table A. ....	1.1
× Difference divided by 10 .....	3.355
If 1/10ths length covered divide by 2	1.677
	+ 1 3/4

### CORRECTION FOR N DECK.

Proportion covered, if less than 1/10ths length covered .....	695
Thickness of usual wood deck, less stringer .....	3 1/2
	= - 3 1/2

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	38' 0"
Round of Beam .....	9
Normal round.....	9 1/2
Difference .....	1/2 ÷ 2 = 1/4
Proportion of Deck uncovered (Para. 19) .....	✓

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

Co-efficient of fineness..... .79  
Any modification necessary }  
[Para. 4 (a) to (e)]\* } .02 C.B.  
Co-efficient as corrected ..... .77

Sheer { Stem..... 7 1/2 } 108 ÷ 2 = 54 Mean 54.54  
at { Sternpost ... 36 } 36 18.14  
Sheer at 1/2 of the length from { Stem 40 } 60 ÷ 2 = 30 Mean 50  
Sternpost 20 }  
Gradual mean Sheer ..... 54.54 + 54 = 54.27 ÷ 55% = 54.54  
Standard mean Sheer [Table, Para. 18] ..... 36.40 Correction  
Difference..... 17.87 ÷ 4 = 4.47  
§ If limited as Para. 18 (f) ..... - 4 1/2

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 ..... Correction ✓

### ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	1' 3"
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) }	3' 4 1/4"
Difference .....	2 - 1 1/4"
Percentage as below.....	55.75% 14.1

Correction for R. Q. Dk. if engine and boiler openings not  
covered by bridge house (Para. 11) } ✓  
Allowance for Deck Erections ..... - 1 1/4

Length.	Length allowed.	Height.
Forecastle..... <u>24' 3 1/2"</u> { excl. 9" overhang }	<u>25.20</u>	<u>7.0</u>
Bridge House ..... <u>56' 9 1/2"</u> { excl. 2' 6" overhang }	<u>58.04</u>	<u>7.0</u>
+ Raised Qr. Dk. .... <u>102.5 1/2</u> × <u>4.186</u>	<u>97.88</u>	<u>4.0</u>
Trunk for Poop..... <u>77.2</u> × <u>25.25</u> × <u>4.21</u> × <u>8.2</u> = <u>5.07</u>		
Total .....	<u>181.12</u>	
Length of Ship .....	<u>264</u>	
Corresponding percentage (Para. 11, 12, 13, and 14) }	<u>55.75%</u>	

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—  
Fresh Water Line above centre of Disc ..... 5"  
Indian Summer Line " " " " ..... 3"  
Winter Line below " " " " ..... 3"  
Winter North Atlantic Line " " " " ..... 5 1/2"

Winter Freeboard ..... 2' 0 3/4  
Summer Freeboard ..... 1' 9 3/4  
Indian Summer Freeboard ..... 1' 6 1/2  
N. A. Winter Freeboard ..... 2' 3

Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the steel wood or iron deck with side. 13 1/4

Winter Freeboard from deck line..... 2' 2 1/4  
Summer " " " " ..... 1' 11 1/4  
Indian Summer " " " " ..... 1' 8 1/4  
N. A. Winter " " " " ..... 2' 4 3/4  
" " " " ..... 1' 11  
" " " " ..... 5"  
" " " " ..... 3"  
" " " " ..... 3"  
" " " " ..... 5 1/2"

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

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Do all the Frames extend to the top height in the Poop? *yes* Raise Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*  
 To what height do the Reverse Frames extend? *Butt angle frames*  
 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 *no openings*  
 What is the thickness of the Bridge Front plating? *36* and Coaming plate? *40*  
 Give scantlings and spacing of the Stiffeners *8 1/2 x 3 x 46 BA @ 30"*  
 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? *none*  
 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? *Covered by a bridge*  
 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.	No 1-29-4 1/2 x 26-3 5/8		No 2-29-4 1/2 x 26-3		No 3-29-4 1/2 x 26-3		No 4-25-5 1/2 x 25-4		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6
Thickness										
Sides	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50
Ends	.44	.44	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES.										
Number	4	4	4	4	4	4	4	4	4	4
Section and Scantlings	P. 23-11 1/2 x 40	23 x 40	24-12 x 40	24 x 40	24 x 40	24 x 40	24 x 40	24 x 40	24 x 40	24 x 40
Material	Stel.	Stel.	Stel.	Stel.	Stel.	Stel.	Stel.	Stel.	Stel.	Stel.
* FORE AND AFTERS.										
Number	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Section and Scantlings										
Material										
HATCHES Thickness	3	3	3	3	3	3	3	3	3	3
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.

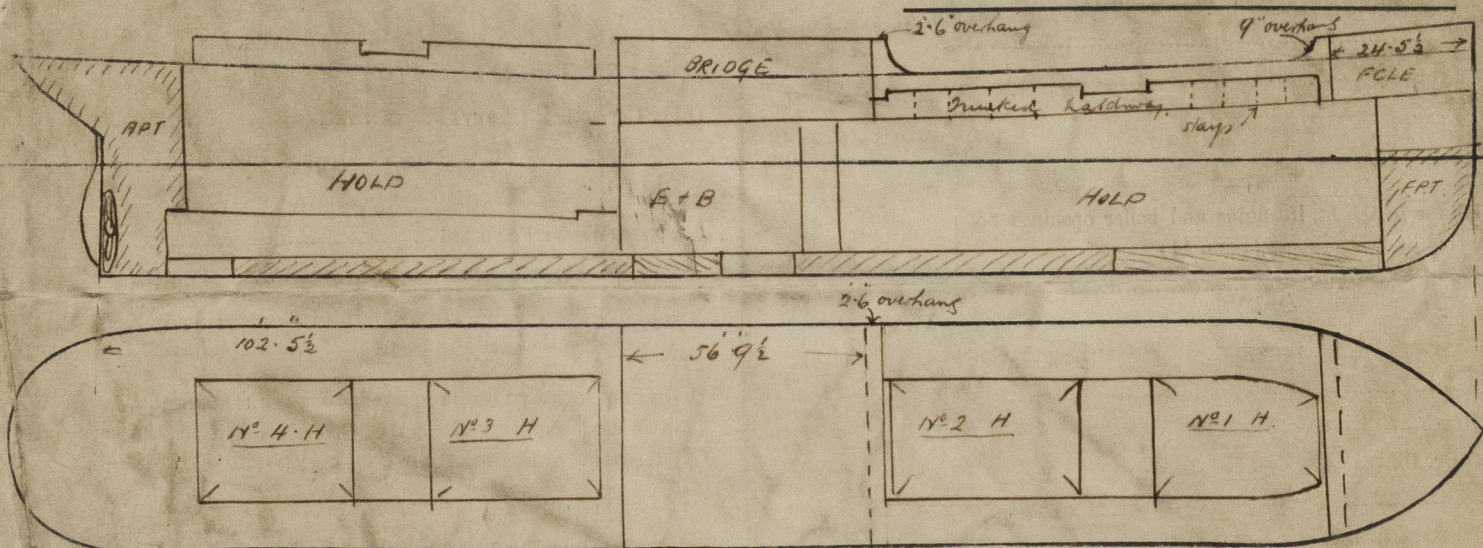
(If the sin of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line it assigned under the N° 1 Rule, and coaming tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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? *46* Strake between Main and Bridge Sheerstrakes? *46*

Delete the words "The Crew 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 *FORWARD 80-9 x 4-0 high. RQ.D. 101-10 x 3-4*  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *49-25* Sq. ft.

Ft. Tenths. Ft. Tenths. No.  
 FORE WELL *4-0 x 2-25 x 4*  
 RQ.D. *4-0 x 1-83 x 5*  
 Freeing Ports (each side of vessel) = *72-60* Sq. ft.  
 Total deficiency or excess = *23-35* 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 coamings of hatchways in the fore well are constructed as a trunk*

Builder's name and yard number *Robt Thompson & Sons. No 319.*

Names of sister vessels *S.S. Akenside. ss No 317.*

Owners *Morley & Jones*

Address *Newport. Mon.*

Received by me

Will be signed on completion



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