

10.12.16
Certification Report
Standard B type
28281
Lloyds Register of Shipping
SUNDERLAND RPT. No. 27689
SURVEYS FOR FREEBOARD.-STEAM SHIPS.

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 *17th Sept. 1919*
Name of Surveyor *J. H. Nicholl*

Ship's Name. **BARRACOO**
Port of Registry and Nationality. *Greek British*
Official Number. *143914*
Gross Tonnage. *✓*
Date of Build. *1919*
Particulars of Classification. *100A.1. (Contemplated)*
Number in Register Book *✓*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<i>400.3</i>	<i>52.3</i>	<i>28.5</i>	<i>4455.4</i>
Length on LOADLINE.	<i>399.8</i>	Frame Depth <i>10</i> Rule <i>6</i> <i>--66</i>	Ceiling (area) <i>+20</i> Sheer <i>+1.11</i> <i>+1.31</i> <i>tank top</i> <i>Cargo battens fitted horizon</i>	Peak <i>included</i> Tanks
EDITIONS.	<i>399.8</i>	<i>51.64</i>	<i>29.81</i>	<i>4455.4</i>

ment of fineness..... *.442*
Modification necessary *.02 C.P.B.*
ra. 4 (a) to (e)]* *.5752*
cient as corrected

{ Stem..... *120* } *180 ÷ 2 = 90.0* Mean *55/49.5*
{ Sternpost ... *60* } *90.0*
at $\frac{1}{2}$ of the length from { Stem *66* } *99 ÷ 2 = 49.5* Mean
{ Sternpost *33* }
al mean Sheer *90.00*
ard mean Sheer [Table, Para. 18] *49.98* Correction
Difference..... *40.02 ÷ 4 = 10.0*
limited as Para. 18 (f)..... *3/40.02*
13.34 = 1.11 ft.

in Sheer { At front of bridge house..... ✓
amidships {
ra. 18 (e)] { At after end of forecastle ✓
all in Sheer }
ara. 18 (d) } $\div 2 =$ *none*
gth uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—
eboard, Table C..... *4-9* ✓
rection for Length, if required (Para. 12, 13, and 14) *+ 2 1/4* ✓
4-11 1/4 ✓
eboard by Table A, corrected for sheer, and for length, { *4-5* ✓
if required (Para. 12, 13, and 14) } *2-5 3/4* ✓
ference
centage as below..... *32%*
= 9 1/2 inches

rection for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
owance for Deck Erections
Length. Length allowed. Height.
recastle..... *38.25* *38.25* ✓ *4-11 1/2*
idge House *112.66* *112.66* ✓ *4-11 1/2*
Raised Qr. Dk..... ✓
op..... *49.25* *49.25* ✓ *4-11 1/2*
Total *200.16* *200.16* ✓ *= 50.06%*
ngth of Ship *399.80* *399.8*
rresponding percentage {
(Para. 11, 12, 13, or 14) } *32%* ✓

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 " " "

Moulded Depth as measured..... *31.0*
Addition for Keel below base line for draught record..... *2 1/2* inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... *399.8* ✓
Length in Table *372.0*
Difference *27.8*
Correction for 10ft., Table A. *1.6* Table C. *.8*
× Difference divided by 10 *4.45* (if required.) *+ 2 1/4*
If $\frac{1}{10}$ ths length covered divide by 2 *by 4 1/2 inches.*

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered *50*
Thickness of usual wood deck, less stringer *3 1/2*
- 1 1/4

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... *52.0*
Round of Beam *1.1*
Normal round..... *1.1*
Difference $\div 2 =$ ✓
Proportion of Deck uncovered (Para. 19)

Freeboard, Table A *4-10 1/2* ✓
Correction for Sheer *- 10* ✓
4-0 1/2 ✓
Correction for Length *+ 4 1/2* ✓
4-5 ✓
Allowance for Deck Erections *- 9 1/2* ✓
6-4 1/2 ✓
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) *- 1 1/4*
6-5 3/4
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

Winter Freeboard *6-5 1/2*
Summer Freeboard *6-1 1/4*
Indian Summer Freeboard *5-6 3/4*
N. A. Winter Freeboard ✓
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood (iron) deck with side. { *+ 1 1/4* ✓

Winter Freeboard from deck line *6-4 1/2*
Summer " " " " *6-2*
Indian Summer " " " " *5-8 1/2*
N. A. Winter " " " " *6-2*
4
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 sternpoop. 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.
§ 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.

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

To what height do the Reverse Frames extend? *Bulk angle frames in line of reverse frames.*

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

Give particulars of the means for closing the openings in Bulkhead *4 steel doors with hinges and fastenings.*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *no* Has the Bridge House an efficient Bulkhead at the fore end? *yes*

Give particulars of the means for closing the openings in Bulkhead *3 steel doors with hinges and fastenings.*

What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*

Give scantlings and spacing of the Stiffeners *9 x 3 1/2 x .56 Bulk angles spaced from 27 to 29 apart.*

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 Bulkhead at the after end? *yes*

How are the openings closed? *with riveted channels to bulkheads and houses fitted therein.*

Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Bulkhead 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

What is the height of the exposed Casings? *7-6* 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. Forward. 32-6 x 20-0.		No. 2. 34-8 x 20-0.		No. 3. 34-8 x 20-0.		No. 4. 28-2 x 20-0.				
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.....	.44	.44	.44	.44	.44	.44	.44	.44		
		Ends.....	.44	.44	.44	.44	.44	.44	.44	.44		
SHIFTING BEAMS OR WEB PLATES.	Number	6	6	6	6	6	5	5				
	Section and Scantlings	4 x 3 x .44. 18 x 36 4 x 3 x .44.		remainder, as in No. 1.								
	Material	all of steel										
* FORE AND AFTERS.	Number											
	Section and Scantlings	none		fitted.								
	Material											
HATCHES Thickness	8½	2½	remainder, as in No. 1.									
Remarks.....	all 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? Strake between Main and Bridge Sheerstrakes?

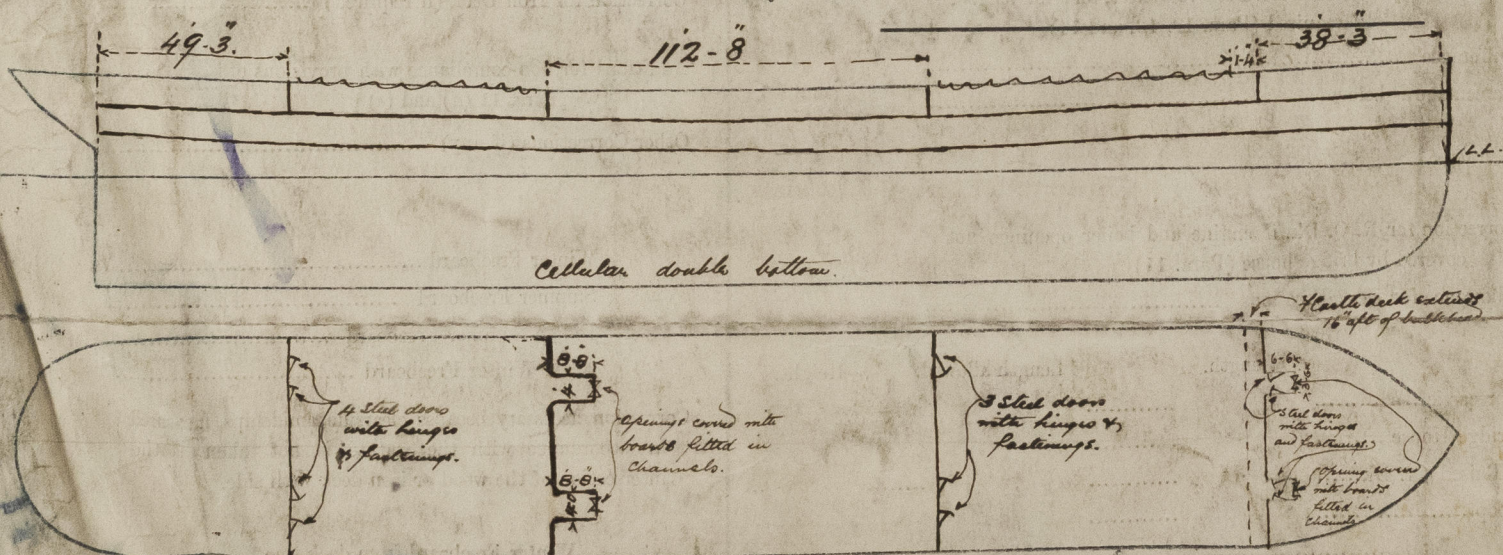
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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 *This vessel is of the Standard B type.*
Futaba Request - Gun is forwarded herewith.

Owners

Address

Received by me 13/12/19



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