Rpt. 11b.

Verification Report. 19867

Lloyd's Register of British & Foreign Shipping.

REC. 12 MAR 1909 19867

SURVEYS FOR FREEBOARD.—STEAM SHIPS. No. 27504

Messrs Connell & Co. Yard No. 325

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.~~

Complete Shade Deck having openings at sides 33" wide

Port of Survey Glasgow

Date of Survey While building

Name of Surveyor Henry A Gibbs

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"MINDEROO"	Fremantle British	124994	2719	1909	100 A1 "Shade Deck" (contemplated)

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered dimensions from Ship's Register.	320·2	44·35	18·2	2009·75
Length on Loadline	319·7	Frame Depth 6½ Rule " 5 Excess 1½ −·25	Ceiling +·20 Sheer ✓ Sauk droops 2" at Margin +·08	~~Peak~~ ~~Tanks~~
Corrected Dimensions.	319·7	44·10	18·48	2009·75

Moulded Depth as measured 20-6

21-5 / 3-3 / 18-2 to floor

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

Co-efficient of fineness ..... ·77

Any modification necessary [Para. 4 (a) to (e) *] } C D B

Co-efficient as corrected ..... ·75

Sheer ends 42 Standard 419

Sheer at { Stem... 63 / Sternpost... 21 } 84 ÷ 2 = 42 ... Mean

Sheer at ⅓ of the length from { Stem 34·5 / Sternpost 11·75 } 46·25 ÷ 2 = 23·12 Mean

Gradual mean Sheer .....

Standard mean Sheer (Table, Para. 18) 25.18 ~~21·97~~

Difference ..... 2·06 ~~·03~~ ÷ 4 = Correction +½

§ If limited as Para. 18 (f) .....

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

[Fall in sheer Para. 18 (d) } ÷ 2 =

Length uncovered ..... Correction

Allowance for Deck Erections :—

Freeboard, Table C 1- 5¼

Correction for Length, if required (Para. 12, ~~13, and 14~~) ..... + 4½

1·9 3/4

Freeboard by Table A. corrected for ~~sheer, and for~~ length, if required (Para. 12, ~~13, and 14~~) } 4- 8½

Difference ..... 2·10 3/4

Percentage as below ..... 35·68%

12.39

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }

Allowance for Deck Erections ..... − 12½"

	Length.	Length allowed.	Height.
Forecastle	38·87	38·87	7·6"
Bridge House	184·0	92·0	"
~~Raised Qr. Dk.~~			
Poop (46·83 closed)	46·83	43·83	
Total		174·70	
Length of Ship		319·7	= ·546

Corresponding percentage (Para. ~~11~~, 12, ~~10, or 14~~) } 35·68%

Correction for Length.

Length of Ship on Loadline ..... 319·7

Length in Table ..... 246·0

Difference ..... 73·7

Correction for 10ft., Table A. ..... 1·2 Table C. ·6

× Difference divided by 10 ..... 8·84 (if required.) 4·42

If 9/10ths length covered divide by 2 + 8 3/4" + 4½"

Correction for Iron Deck.

Proportion covered, if less than 7/10ths length covered ..... ·546

Thickness of usual wood deck, less stringer 3½

− 2"

Correction for Round of Beam.

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

Breadth at Gunwale amidships 43-11

Round of Beam ..... 11"

Normal round ..... 11"

Difference ..... ✓ ÷ 2 = ...

Proportion of Deck uncovered (Para. 19) .....

Freeboard, Table A ..... 3 - 11 3/4"

Correction for Sheer ..... +½

4 .. 0 4/2

Correction for Length ..... + 8½

4 - 8 5/9

Allowance for Deck Erections ..... − 1 - 0½

3 - 8½

Correction for Round of Beam .....

Correction for fall in Sheer (if any) .....

Correction for Iron Deck (if required) ..... − 2

3 - 6½

Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ } .....

Other Corrections (if any) .....

Winter Freeboard	3 - 6½
Summer Freeboard	3 - 2½
Indian Summer Freeboard	2 - 11½
N. A. Winter Freeboard	3 - 8½

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. } 1 3/4

Winter Freeboard from deck line	3 - 7 3/4 8¼
Summer " " " "	3 - 4½ 3/4
Indian Summer " " "	3 - 0 3/4 1¼
N. A. Winter " " "	3 - 9 3/4 10¼

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :— 3' 4½" 3 - 4½

Fresh Water Line	above centre of Disc	4½ 4½
Indian Summer Line	" "	3½ 3½
Winter Line	below "	3½ 3½
Winter North Atlantic Line	" " "	5½ 5½

Amended Tables March, 1906.

16.3.09

* 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 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.

J.S.—T.

Copy to Surveyor 12/3/09 Rec'd 12/3/09

[P.T.O.

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

To what height do the Reverse Frames extend? Bulb 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 Wood Door ✓

Is the Poop ~~or Raised Quarter Deck~~ connected with the Bridge House? yes By Shade deck Has the Bridge House an efficient Bulkhead at the fore end? ✓

Give particulars of the means for closing the openings in Bulkhead Open

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 hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ✓

Has the Bridge House an efficient Iron Bulkhead at the after end? No

How are the openings closed? Open

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? ye

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? ✓

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? ✓

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. 15-11 × 13-11		No. 2. 21-11 × 13-11		No. 3. 19-11 × 13-11		No. 4. 15-11 × 13-11		
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.	Height above top of DECK	30"	18"	30"	18"	30"	18"	30"	18"	
	Thickness Sides	8/20	8/20	9/20	9/20	9/20	9/20	8/20	8/20	
	Thickness Ends	7/20	7/20	8/20	8/20	8/20	8/20	7/20	7/20	
SHIFTING BEAMS OR WEB PLATES.	Number	3	1	4	2	3	1	3	1 Beam	
	Section and Scantlings	Webs 14×7/20	Beam 9×9/20	Webs 16×7/20	Webs 8/20	Webs 16×7/20	Webs 8/20	Webs 14×7/20	9×9/20	
	Material	steel	steel	steel	steel	steel	steel	steel	steel	
FORE AND AFTERS.*	Number	Nil	3	Nil	3	Nil	3	Nil	3	
	Section and Scantlings		1 ⌀ 9×9/20 2 ⌀ 6×6/20		1 ⌀ 9×9/20 2 ⌀ 6×6/20		1 ⌀ 9×9/20 2 ⌀ 6×6/20		1 ⌀ 9×9/20 2 ⌀ 6×6/20	
	Material		steel		steel		steel		steel	
HATCHES Thickness		3"	2½"	3"	2½"	3"	2½"	3"	2½"	
Remarks		Brackets		on webs		to hatch coamings				

* 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.)

There are no scuppers or sidelights ~~effecting~~ proposed assignmen

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 75 feet Moulded depth) and under Shelter D

What is the thickness of the Bridge Sheerstrake? _____ Strake between Main and Bridge Sheerstsakes? _____

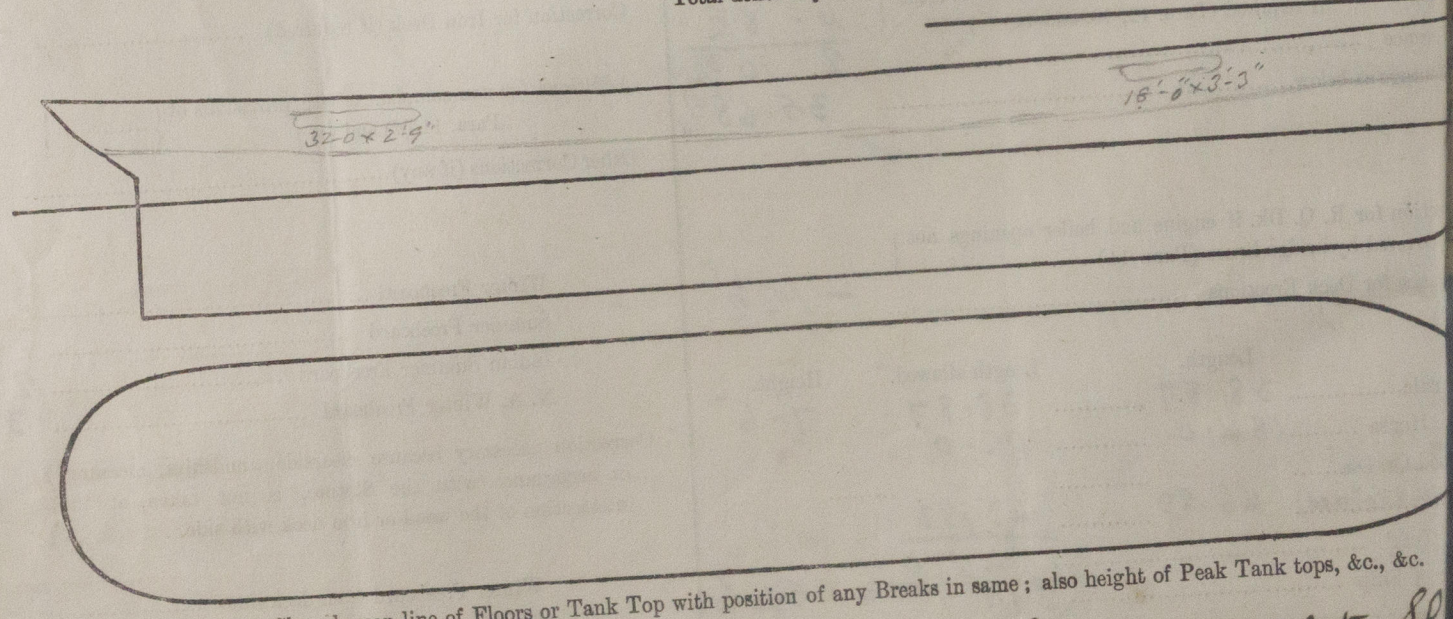
Delete the words that do not apply { The Crew *are, are not,* berthed in the bridge house. / The arrangements to enable them to get backwards and forwards from their quarters *are, are not* satisfactory.

Length of Bulwarks in well

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 has a complete Sh
with openings in sides without any means for closin
There is a Poop 50'-10" long a Bridge 112'-0" long on top of

Owners Midship Section + Profile enclosed herewith 11/3/

,, *Address* _____

Fee £ _____ : _____ : _____ *Received by me* _____