

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

60 OCT 1927 Index No. **32506**  
(For London Office only.)  
**No. 92636.**

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

Port of Survey **Northwich**  
Date of Survey **During Construction**  
Name of Surveyor **Ed Dean & A.W. Jackson.**

Ship's Name.  
**"ZULU"**

Port of Registry  
and Nationality.  
**not yet  
known**

Official  
Number.

Gross  
Tonnage.

Date of Build.

Particulars of Classification.

**Contemplated 100A1.**

Number in Register Book

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<b>99.8'</b>	<b>22.4'</b>	<b>9.8'</b>	<b>179.81</b>
<b>99.32'</b>	Frame Depth <b>4</b> Rule <b>3</b> $\times 2 = -17$ <b>to spar</b> Ceiling <b>+33</b>	Ceiling <b>2 1/2"</b> Sheer <b>fixed</b> <b>Dep't 5</b> <b>10.0</b>	Peak <b>3</b> Tanks <b>Included</b>
<b>99.32</b>	<b>22.56</b>	<b>10.33</b>	<b>179.81</b>

Moulded Depth as measured **10' 6"**

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

Addition for Keel below base line  
for draught record **79** inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline <b>99.32'</b>	
Length in Table <b>126.00</b>	
Difference <b>26.68</b>	
Correction for 10ft., Table A. <b>.9</b>	Table C. <b>.5</b>
$\times$ Difference divided by 10 <b>2.40</b>	(if required.) <b>1.33</b>
If $\frac{6}{10}$ ths length covered divide by 2 <b>-2 1/2</b>	<b>-1 1/4</b>

### CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered <b>.46</b>	
Thickness of usual wood deck, less stringer <b>2 3/4"</b>	
<b>no wood sheathing on upper deck 1.26</b>	<b>-1 1/4"</b>

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships <b>22.33'</b>	
Round of Beam <b>6"</b>	
Normal round <b>5.58</b>	
Difference <b>.42</b>	$\div 2 =$ <b>.21</b>
Proportion of Deck uncovered (Para. 19) <b>.54</b>	<b>.113</b>

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

of fineness <b>.777</b>	
ation necessary (a) to (e)]*	<b>.78</b>
as corrected	
Stem <b>21"</b>	<b>35' ÷ 2 = 17 1/2' Mean</b>
Sternpost <b>14"</b>	<b>17.50'</b>
an Sheer	<b>11.96</b>
ean Sheer [Table, Para. 18]	<b>5.54 ÷ 4 = 1.385</b>
Difference	<b>-1 1/2'</b>
as Para. 18 (f)	

At front of bridge house	<input checked="" type="checkbox"/>
At after end of forecastle	<input checked="" type="checkbox"/>

At front of bridge house	<input checked="" type="checkbox"/>
At after end of forecastle	<input checked="" type="checkbox"/>

ALLOWANCE FOR DECK ERECTIONS:—	
Table C. <b>0' 3"</b>	
or Length, if required (Para. 12, 13, and 14) <b>+ 1 1/4"</b>	
Table A. corrected for shear and for length, <b>1' 3 1/2"</b>	
if required (Para. 12, 13, and 14) <b>1' 1 3/4"</b>	
below <b>19.87%</b>	
<b>2.73</b>	

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11)	<input checked="" type="checkbox"/>
Deck Erections	<b>-2 3/4"</b>

Length.	Length allowed.	Height.
<b>13' 7" × 4.5 = 10.18</b>	<b>10.18</b>	<b>4' 6"</b>
<b>32' 1/2" × 2.25 = 24.09</b>	<b>24.09</b>	<b>2' 3"</b>
<b>4.5 × 8 1/2 = 46.0</b>	<b>34.27</b>	<b>.345</b>
<b>99.32</b>	<b>99.32</b>	<b>= 2.76 eighths</b>
percentage <b>22.08 × [6 + (2.25 × 4)] = 19.87%</b>		

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

skin planking, or ceiling are of unusual thickness the breadth of vessel to inside  
ould be reported if possible.  
ning an allowance for deck erections under Para. 11 where the sheer drops abaft amid-  
ght of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
vessels the total standard mean sheer means the sheer measured at the stem and stern-  
ssels having poops and forecastles, it means the sheer measured at points distant  
the vessel's length from stem and stern-post.

Freeboard, Table A <b>18.00</b>	<b>1' 6"</b>
Correction for Sheer <b>-1.385</b>	<b>-1 1/2"</b>
<b>16.615</b>	<b>1' 4 1/2"</b>
Correction for Length <b>-2.40</b>	<b>-2 1/2"</b>
<b>14.215</b>	<b>1' 2"</b>
Allowance for Deck Erections <b>-2.73</b>	<b>-2 3/4"</b>
<b>11.485</b>	<b>0' 11 1/4"</b>
Correction for Round of Beam <b>-1.13</b>	
<b>10.372</b>	
Correction for fall in Sheer (if any)	
Correction for Steel Deck (if required) <b>-1.26</b>	<b>-1 1/4"</b>
<b>9.11</b>	<b>0' 10"</b>
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	
Other Corrections (if any)	

Winter Freeboard <b>10.71</b>	<b>0'</b>
Summer Freeboard <b>1 1/4"</b>	<b>0'</b>
Indian Summer Freeboard	
N.A. Winter Freeboard	

Correction necessary because clearside amidships, measured  
in accordance with the Statute is not taken at the  
intersection of the ~~wood~~ steel deck with side.

$$6 - 6 \left( \frac{10.16}{11.16} \right) = 6 - 4.97 = 1.03$$

Winter Freeboard from deck line	<b>0' 11"</b>
Summer " " "	<b>0' 9 3/4"</b>
Indian Summer " " "	
N.A. Winter " " "	

Winter Freeboard from deck line	<b>0' 9 1/2"</b>
Summer " " "	<b>2 1/2"</b>
Indian Summer " " "	<b>1 1/2"</b>
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.

MARKING FORM  
RECEIVED 1 - NOV 1927

003605-003610-003615

Lloyd's Register  
Foundation



Do all the Frames extend to the top height in the Loop? ☒ Raised Quarter Deck? *yes* Bridge House? ☒

To what height do the Reverse Frames extend? *Steel*

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 *no openings*

Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? ☒ Has the Bridge House an efficient Bulkhead at the fore end? ☒

Give particulars of the means for closing the openings in Bulkhead

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? ☒

Has the Bridge House an efficient Iron Bulkhead at the after end? ☒ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *R.Q.D.E.*

How are the openings closed? ☒

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? *Steel*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *R.Q.D.E.*

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 *.25 ; 3x2 1/2 x 9/20 @ 30"*

What is the height of the exposed Casings? *6'-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:—

Position and Size.		In Well 38'-0" x 12'-6"									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	2'-6"									
	Sides	.40"									
	Ends	.40"									
SHIFTING BEAMS OR WEB PLATES.	Number	3 angles 3"x3"x.42"									
	Section and Scantlings	20"x.38"									
	Material	Steel									
* FORE AND AFTERS.	Number	3, side									
	Section and Scantlings	8 1/2" x 8" <i>Centre</i>									
	Material	Pitch Pine									
HATCHES Thickness		2 1/2"									
Remarks											

\* 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, and, berthed in the bridge house.* *Force*  
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, satisfactory.*

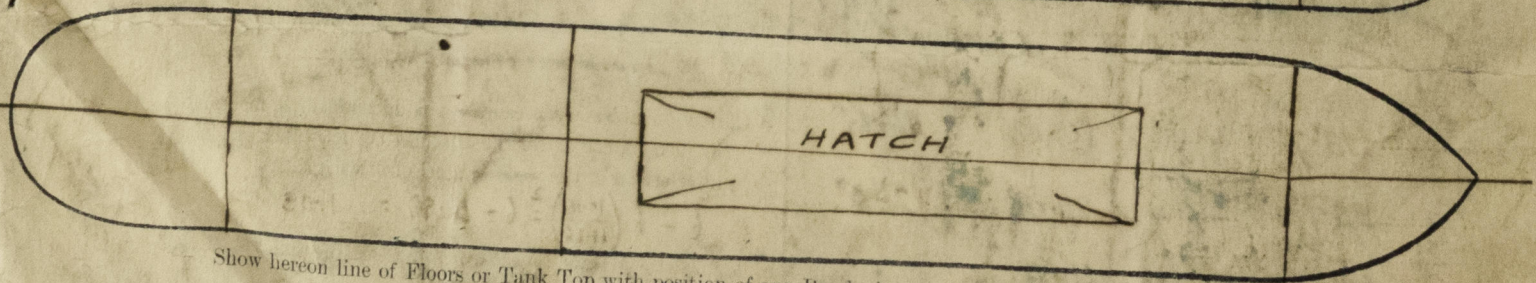
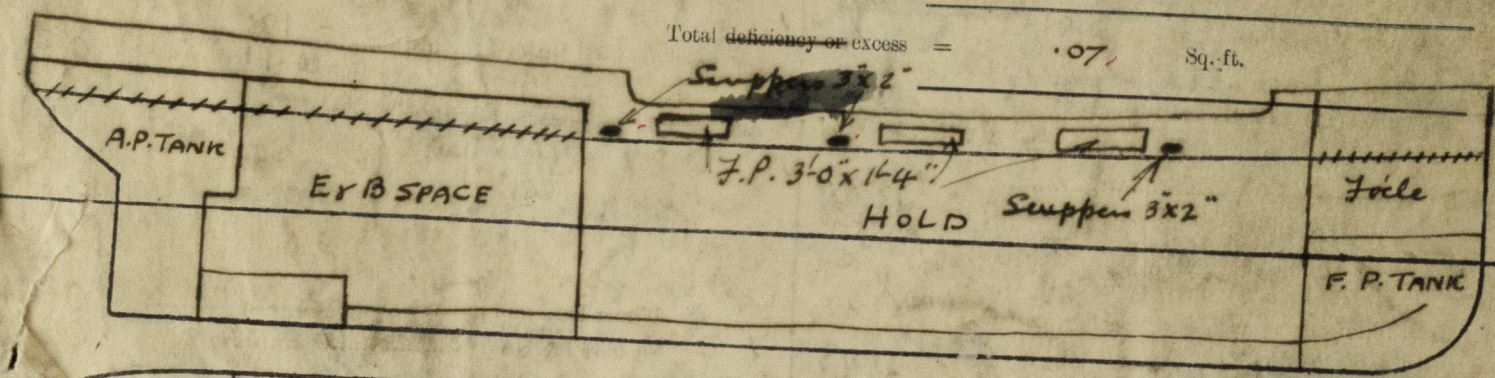
Length of Bulwarks in well *54'-0"*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *11.9* Sq. ft.

Ft. Tenths. Ft. Tenths. No. *3 - 0 x 1.33 x 3*

Freeing Ports (each side of vessel) = *11.97* Sq. ft.

Total deficiency or excess = *.07* 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 vessel is intended for service at South African Ports, and will sail out under own steam after being suitably loaded up.*

Builder's name and yard number *W. J. Yarwood & Sons Ltd.*

Names of sister vessels

Owners *R. P. Hanston & Co.*

Address *4 St Mary Axe, London E.C.3.*

Fee £ *1 : 16 : 8* approx.

Received by me