

EXT

Cudb. Rpt. 12801

Index No.

32001

(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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.

Port of Survey *Middleburgh*Date of Survey *During Construction*Name of Surveyor *J R Dispie*

Ship's Name. **S. S. GYPSUM KING**  
*Dress Durmen S 36° N 108*  
 Number in Register Book *not paid*

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

*100 A1 Contemplated*  
*Long Framing*

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	347.8	52.8	23.05	3403.77
Length on LOADLINE.	347.0	<i>mean.</i> Frame Depth 6 1/2 Rule " 6 3/4 x 2 = -1/2 no spaling +.33	Ceiling +.20 Sheer - .41 Depth 15 1/2 31" floor	Peak { included Tanks { estimated + between tank 353.23 top and top of standard 31" floor.
CORRECTED DIMENSIONS.	347.0	53.01	25.29	3757.00

Co-efficient of fineness..... *.808*  
 Any modification necessary {  
 [Para. 4 (a) to (e)]\*  
 Co-efficient as corrected ..... *.81*

Sheer { Stem..... *72* }  
 at { Sternpost ... *36 1/2* }  
 $\div 2 =$  *Mean 54.375*  
 Sheer at 1/2 of the length from { Stem *22* }  
 { Sternpost *10 1/2* }  
 $\div 2 =$  *Mean 16.25*  
 Gradual mean Sheer ..... *7.50*  
 Standard mean Sheer [Table, Para. 18] ..... *26.82*  
 Difference..... *19.32*  $\div 4 =$  *-4.83*  
 § If limited as Para. 18 (f) ..... *+4.4*

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

Fall in Sheer {  
 Para. 18 (d) }  $\div 2 =$   
 Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... *3' 4 1/2*  
 Correction for Length, if required (Para. 13, 14) ..... *+1 1/2*  
 Freeboard by Table A, corrected for ~~sheer~~ length, if required (Para. 13, 14) ..... *6' 9 1/4*  
 Difference ..... *3' 3 1/4*  
 Percentage as below ..... *28.29%*  
*11.10*

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

	Length.	Length allowed.	Height.
Forecastle.....	<i>52.6</i>	<i>52.5</i>	<i>7.6</i>
Bridge House .....			
† Raised Qr. Dk.....			
Poop.....	<i>100-10 1/2</i>	<i>100.87</i>	<i>7.6</i>
Total .....		<i>153.37</i>	<i>4.42</i>
Length of Ship .....	<i>347</i>		<i>3.536</i>
Corresponding percentage (Para. 13, 14) { <i>28.29%</i>			<i>enli</i>

FREEBOARD 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 " " " .....

18 JAN 1927

† 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 stern-post. 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.

Moulded Depth as measured..... *27' 0"*

Addition for Keel below base line  
 for draught record..... *1 1/2* inches.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... *347.0*  
 Length in Table ..... *324.0*  
 Difference ..... *23*  
 Correction for 10ft., Table A. .... *1.4* Table C. *.7*  
 × Difference divided by 10 ..... *3.22* (if required.) *1.61*  
 If 1/10ths length covered divide by 2 *+3 1/2* *+1 1/2*

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered ..... *442*  
 Thickness of usual wood deck, less stringer ..... *3 1/4*  
*1.44 - 1 1/2*

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *52' 6"*  
 Round of Beam ..... *13'*  
 Normal round..... *13.12*  
 Difference ..... *12*  $\div 2 =$  *6*  
 Proportion of Deck uncovered (Para. 19) .....

Freeboard, Table A ..... *6' 6"*  
 Correction for Sheer ..... *+4 3/4*  
*6' 10 3/4*  
 Correction for Length ..... *+3 1/2*  
*7' 2 1/2*  
 Allowance for Deck Erections ..... *-11*  
*6' 3"*  
 Correction for Round of Beam.....  
 Correction for fall in Sheer (if any).....  
 Correction for Iron Deck (if required) ..... *-1 1/2*  
*6' 1 1/2*  
 Additions for non-compliance with provisions of {  
 Para. 11 (d) and (e)† .....  
 Other Corrections (if any) .....

Winter Freeboard ..... *6' 1 1/2*  
 Summer Freeboard ..... *5' 8 3/4*  
 Indian Summer Freeboard ..... *5' 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~~ steel deck with side. *1 3/4*

Winter Freeboard from deck line ..... *6' 3 1/4*  
 Summer " " " ..... *5' 10 1/2*  
 Indian Summer " " " ..... *5' 5 3/4*  
 N.A. Winter " " " .....

5' 10 1/2

5 1/2

5

4 1/2

5

† 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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 Foundation



Do all the Frames extend to the top height in the Poop? Yes + Raised Quarter Deck? ✓ Bridge House? ✓ Forecastle? Longitudinal  
 To what height do the Reverse Frames extend? Longitudinal  
 Has the Poop or ~~Raised Quarter Deck~~ an efficient Iron Bulkhead at the fore end? Yes Steel 44 Coaming 44 8" x 9" Bull. Angle Stiffeners  
 Give particulars of the means for closing the openings in Bulkhead Interact  
 Is the Poop or ~~Raised Quarter Deck~~ connected with the Bridge House? No 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? ✓ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ✓  
 Has the Bridge House an efficient Iron Bulkhead at the after end? ✓  
 How are the openings closed? ✓  
 Is the Forecastle at least as high as the main or top-gallant rail? 7-6 Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Steel Bulkhead  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? Poop and Steel Casings  
 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? 7-6 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 and as per approved plans

Position and Size.	No. 1 (Forecastle) 14-0 x 20		No. 2 32-0 x 30-0		No. 3 32-0 x 30-0		No. 4 32-0 x 30-0		No. 6 25-0 x 30-0	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Height above top of Deck	2-6	2-6	2-6		2-6		2-6		2-6	
Thickness	Sides	.44	.44	.44	.44	.44	.44	.44	.44	.44
	Ends	.44	.44	.44	.44	.44	.44	.44	.44	.44
SHIFTING BEAMS OR WEB PLATES	Number	2								
	Section and Scantlings	7" 17x36								
	Material	Steel								
FORE AND AFTERS	Number	Nil								
	Section and Scantlings	Nil								
	Material	Nil								
HATCHES Thickness	3" 10" 11"	Call. patent. Steel	Call. patent. Steel		Call. patent. Steel		Call. patent. Steel		3" 10" 11"	
Remarks	Winkwood	Bull. angle on side	Coaming with Bracket		Knee stays on side		Coaming			

\* 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? ✓

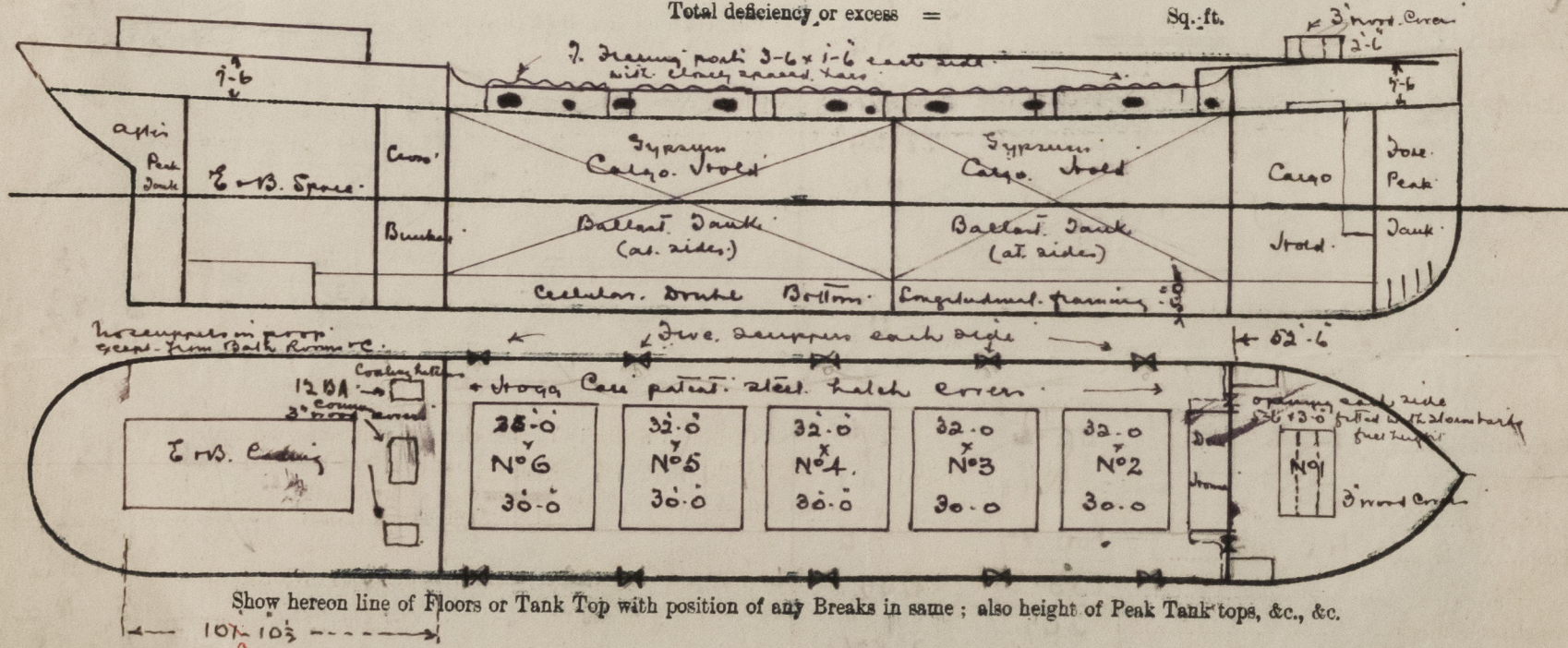
Delete the words { The Crew are, are not, berthed in the bridge house. ✓  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well 194-25

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

Ft. Tenths. Ft. Tenths. No.   
 3-6 x 1-6 x 7 = 33.37 Sq. ft.   
 (each side of vessel)

Total deficiency or excess = Sq. ft.



State any special features in the construction of the Vessel This vessel has been built in accordance with the approved plan

Builder's name and yard number Longitudinal Framing, Cellular Double bottom 5-0 deep, 11' length hold, 1' 0" deep in Engine Space, 11' 0" deep in Ballast Tanks in way of No. 2 & 3 holds. Contemplated to be class

Names of sister vessels 100A1 Side Tanks 11' length Main Cargo hold 11' 0" deep, 1' 0" deep in Ballast Tanks in way of No. 2 & 3 holds. Contemplated to be class

Owners Furness S. & Co. No. 108

Address Gares Lighthouse

Fee £ 10/- Received by me 10/10/26

