

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD. STEAM SHIPS.

G&K REPORT No 19115.

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 GREENOCK  
Date of Survey WHILE BUILDING  
Name of Surveyor Kenneth Inglis

Ship's Name.  
**S.S BIBURY**

Port of Registry and Nationality.  
**LONDON  
BRITISH.**

Official Number.  
**161323**

Gross Tonnage.  
**APPROX  
5000**

Date of Build  
**Now  
BUILDING**

Particulars of Classification.  
**+100.A.I. WITH FREEBOARD  
(CONTEMPLATED)**

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<b>408</b>	<b>55.05</b>	<b>25.9.</b>	<b>4377.93.</b>
		<i>54.79 mid</i>		
Length on LOADLINE.	<b>404.92.</b>	Frame Depth <b>12</b> Rule " <b>6</b> <i>6+2 = -1.0 - Droop on Tank +.05</i> <i>Sparring fitted</i>	Ceiling <b>FITTED</b> Sheer <b>-1.237</b> <i>+ .05</i>	Peak } INCLUDED Tanks }
RECTED NSIONS.	<b>404.92</b>	<b>54.05</b>	<b>24.72</b>	<b>4377.93</b>

Efficient of fineness..... **.8089.811**  
Modification necessary } **- .02 C.D.B**  
Para. 4 (a) to (e)]\*  
Efficient as corrected ..... **.79**

er { Stem..... **13 1/2** } **27** ÷ 2 = **13 1/2** ...Mean  
Sternpost **13 1/2**

er at 1/2 of the length from { Stem **3 1/2** } **7** ÷ 2 = **3 1/2** ...Mean  
Sternpost **3 1/2**

adual mean Sheer ..... **12.88 P. of Beam. 6-3.45**

andard mean Sheer [Table, Para. 18] ..... **50.49** Correction **4.9**

Difference..... **44.19** ÷ 4 = **11.05**

If limited as Para. 18 (f) ..... **45.99** **+ 11 1/2**

*No sheer on deck below Superstructure Deck*

ise in Sheer { At front of bridge house.....  
om amidships {  
ara. 18 (e)] { At after end of forecastle .....

all in Sheer {  
ara. 18 (d) } ÷ 2 =  
length uncovered ..... Correction

### ALLOWANCE FOR DECK ERECTIONS :-

rd, Table C..... **3-10**  
a for Length, if required (Para. 12, 13, and 14) ..... **7-11 1/2**  
by Table A. corrected for sheer, and for length, required (Para. 11, 12, 13, and 14) ..... **4-1 1/2**  
T ..... **94.4**  
ge as below..... **46.25**

ection for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ..... **-3-10 3/4**

owance for Deck Erections

	Length.	Length allowed.	Height.
orecastle.....	<b>376.67</b>	<b>376.67</b>	} <b>9'0" Ab. 110541/15</b>
ridge House	<b>5.40</b>	<b>5.5</b>	
Raised Qr. Dk.....	<b>23.25</b>	<b>23.25</b>	
coop.....	<b>23.25</b>	<b>23.25</b>	
Total	<b>404.92</b>	<b>399.92</b>	<b>4.02</b>
length of Ship	<b>404.92</b>	<b>404.92</b>	<b>.994</b>
corresponding percentage (Para. 11, 12, 13, or 14)	<b>94.4</b>	<b>402.42</b>	<b>404.92 = .994</b>

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	"	"	"	"	"	"	"	"	...

Moulded Depth as measured..... **28' 5"**

Addition for Keel below base line for draught record... **2 1/4** inches.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... **404.92**  
Length in Table ..... **341**  
Difference ..... **63.92**  
Correction for 10ft., Table A. .... **1.5** Table C.  
× Difference divided by 10 ..... **9.60** (if required.)  
If 1/10ths length covered divide by 2 **4.80** **+ 4 3/4**

### CORRECTION FOR IRON DECK.

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

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **53.79**  
Round of Beam ..... **13 1/2**  
Normal round..... **13.45**  
Difference ..... **.05** ÷ 2 = ..... **.02**  
Proportion of Deck uncovered (Para. 19) ..... **NIL.**

Freeboard, Table A ..... **7-0**  
Correction for Sheer ..... **+ 11 1/2**  
Correction for Length ..... **+ 4 3/4**  
Allowance for Deck Erections ..... **- 3-10 3/4**  
Correction for Round of Beam.....  
Correction for fall in Sheer (if any).....  
Correction for Steel Deck (if required) ..... **- 3 1/2**  
Additions for non-compliance with provisions of {  
Para. 11 (d) and (e) }  
Other Corrections (if any) .....

Winter Freeboard ..... **6' 4-2**  
Summer Freeboard ..... **3-8**  
Indian Summer Freeboard ..... **3-2**  
N. A. Winter Freeboard .....

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. **1 3/4**

Winter Freeboard from deck line ..... **4-3 3/4**  
Summer " " " ..... **3-9 3/4**  
Indian Summer " " " ..... **3-3 3/4**  
N. A. Winter " " " .....

3. 9 1/2 3-9 3/4 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.

† 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 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 sternpost.

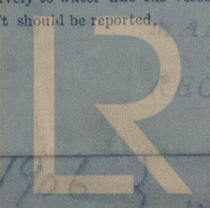
2m. 72. T.

**12525** = **6.96**  
**415 x 40**

W343-0014

W. 4.2

DIFF FROM 1906



Lloyd's Register Foundation

MOULDED DISPLACEMENT AT 85% MOULDED DEPTH = 12150 TONS  
LOAD DISPLACEMENT S.W. = 12,525 : TON PER INCH AT L.W.L. = 45

Tonnage Opening Fitted



Do all the Frames extend to the top height in the Poop? **YES** / ~~Raised Quarter Deck?~~ Bridge House: **ALT TO BR.** Forecastle? **YES.**

To what height do the Reverse Frames extend? **B.A. 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 **CHANNELS & BOARDS FULL HEIGHT, CHANNELS RIVETED TO BULKHEAD.**

Is the Poop ~~or Raised Quarter Deck~~ connected with the Bridge House? **No** Has the Bridge House an efficient Bulkhead at the fore end? **Connected To F.C.L.**

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? **YES.**

How are the openings closed? **CHANNELS & BOARDS FULL HEIGHT CHANNELS RIVETED TO BULKHEAD**

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? **✓**

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 BRIDGE Superstructure Deck.**

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		No 2		No 3		No 4		No 5	
	SHEL. DK.	UPPER DK	SHEL. DK	UPPER DK	SHEL. DK	UPPER DK	SHEL. DK	UPPER DK	SHEL. DK	UPPER DK
Item.	27' x 23'	27' x 24'	37' 6" x 23'	37' 6" x 24'	20' x 23'	22' 6" x 24'	15' x 23'	W. THATCH.	27' 6" x 23'	27' 6" x 24'
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30	9"	30	9"	30	9"	30		30	9"
Thickness	Sides	.44	.40	.44	.40	.44	.40	.44	.44	.40
	Ends	.44	.40	.44	.40	.44	.40	.44	.44	.40
SHIFTING BEAMS OR WEB PLATES.	Number	6	6	9	9	4	3		6	6
	Section and Scantlings	16 x .36	20 1/4 x .38	2 @ 15 1/4 x .36	18 1/2 x .37	12 1/4 x .33	2 @ 18 1/2 x .37	12 1/2 x .32	12 1/4 x .32	18 1/2 x .37
	Material	5 x 3 x .46	5 x 3 1/2 x .46	5 x 3 x .46	5 x 3 1/2 x .46	5 x 3 x .46	5 x 3 1/2 x .46	5 x 3 x .46	5 x 3 x .46	5 x 3 1/2 x .46
No FORE & AFTERS.	Number	N° 6	22' 6" x 23.	30 x .44	5. WEBS	12 1/2 x 32	5 x 3 x .46	5 x 3 1/2 x .46		
	Section and Scantlings	N° 6	UPPER DK 22' 6" x 24.	9 x .40	5	19 1/4 x 38	5 x 3 1/2 x .46			
	Material									
HATCHES Thickness	2 1/2" SOLID HATCH COVERS.									
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? **✓**

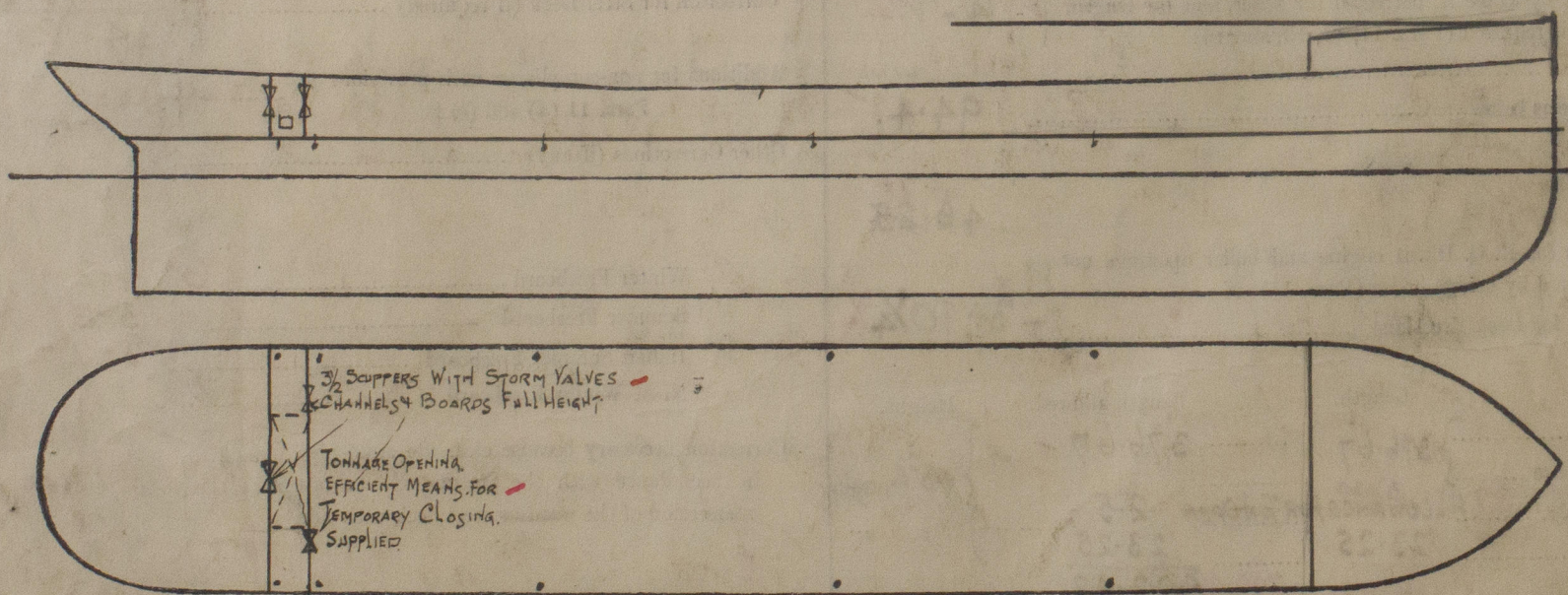
Delete the words **{** The Crew are, are not, berthed in the bridge house.  
 that do not apply **{** The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well **5' 0"**

Area of Freeing Ports required by Para. 11 (e) each side of vessel = **2.** Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	= <b>4.5</b>	Sq. ft.
3.	0	x	1.	5			
		x		1			

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 **SHELTER DK WITH ONE TONNAGE OPENING**  
**(APPD PLANS OF MIDSHIP SECTION & PROFILE & DECKS ENCLOSED)**

Builder's name and yard number **R. DUNCAN & Co No 393**

Names of sister vessels **✓**

Owners **ALEXANDER SHIPPING Co LTD**

Address **LONDON.**

Fee £ **8** : **6** : **8** Received by me **Lee J. E. Report.**  
**TO BE RENDERED WITH FIRST ENTRY.**