

# Lloyd's Register of Shipping

Index No. 31602  
(For London Office only)

## 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 *Glasgow*Date of Survey *While building*Name of Surveyor *Robert Duncan*

ROBERT DUNCAN &amp; COY LTD No 357

Ship's Name

Port of Registry and Nationality

Official Number

Gross Tonnage

Date of Build

Particulars of Classification

Number in Register Book

Registered dimensions from Ship's Register.

LENGTH.

BREADTH.

DEPTH.

UNDER DECK TONNAGE.

Moulded Depth as measured..... 30'-0"

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

Length on LOADLINE.

401'54"

Frame Depth 10 1/2' Ceiling +20"

Rule " 6' Sheer +1'37"

SPARKING FITTED 4 1/2' x 2' = -7 1/2'

401'54" 52'25" 29'26" 4803'85

Peak } INCLUDED  
Tanks }

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

## CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 401'54"

Length in Table ..... 360'0"

Difference ..... 41'54"

Correction for 10ft., Table A. .... 1'5"

Table C. .... 8"

x Difference divided by 10 ..... 6 1/4"

(if required.) + 3 1/4" 3'32"

If 1/10ths length covered divide by 2 + 6 1/4"

+ 3 1/4"

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... 48'66"

Thickness of usual wood deck, less stringer ..... 3 1/2" - 1 1/4"

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 50'-0"

Round of Beam ..... 13"

Normal round..... 12 1/2"

Difference ..... 1/2" ÷ 2 = ..... 1/4"

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

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

Co-efficient of fineness..... 7825

Any modification necessary

[Para. 4 (a) to (e)]\*

-02 Cell D. Bottom

Co-efficient as corrected ..... 76

Sheer { Stem..... 132' } 198' ÷ 2 = 99' ... Mean  
at { Sternpost ... 66' }99'54"  
50'15"  
36'49'39"  
1'37"Sheer at 1/8 of the length from { Stem 72'5' } 109'5' ÷ 2 = 54'7 1/2" ... Mean  
{ Sternpost 37' }

Gradual mean Sheer ..... allowed. 99'27" ÷ 55: 99'54"

Standard mean Sheer [Table, Para. 18] ..... 50'15" Correction

Difference..... 49'12" ÷ 4 = 12'28"

If limited as Para. 18 (f) ..... - 12'4"

Rise in Sheer { At front of bridge house.....  
from amidships {

[Para. 18 (e)] { At after end of forecastle ..... ✓

Fall in Sheer { ÷ 2 =  
Para. 18 (d) {

length uncovered ..... ✓ Correction

## ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 4' - 4 1/2"

Correction for Length, if required (Para. 12, 13, and 14) ..... + 3 1/4"

Freeboard by Table A. corrected for sheer, and for length, { 4' - 7 3/4"

if required (Para. 12, 13, and 14) { 7' - 0" -

Difference ..... 2' - 4 1/4"

Percentage as below..... 31'06"

8'77"

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

Allowance for Deck Erections ..... - 8 3/4"

Length. Length allowed. Height.

Forecastle..... 38'63 ..... 38'63 ..... 7'5"

Bridge House ..... 119'0 ..... 119'0 ..... 7'5"

Raised Qr. Dk. .... 37'75 ..... 37'75 ..... 7'5"

Total ..... 195'38" = 48'66"

Length of Ship ..... 401'54"

Responding percentage { = 31'06"

Para. 12, 13, or 14)

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 " " "

the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

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.

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.

† 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 24 MAY 1925

010056-010066-0385

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *✓* Bridge House? *Yes* Forecastle? *Yes*  
 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 *Shifting boards full height, fitted in 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? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Hinged Steel doors*  
 What is the thickness of the Bridge Front plating? *40* And Coaming plate? *44*  
 Give scantlings and spacing of the Stiffeners *7 x 3 x 50 B A Spaced 30" apart*  
 Are bracket plates fitted at each end of the Stiffeners? *Stiffeners lagged* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *Shifting boards full height, fitted in 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? *Yes*  
 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*  
 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:—

Position and Size.		No 1 Hatch 27'-0" x 19'-6"		No 2 Hatch 30'-4" x 19'-6"		No 3 Hatch 35'-0" x 19'-6"		No 4 Hatch 30'-4" x 19'-6"		BRIDGE DECK Hatch 14'-0" x 19'-0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING: Height above top of DECK		30"	30"	30"	30"	30"	30"	30"	30"	30"	30"
Thickness	Sides	44	44	44	44	44	44	44	44	44	44
	Ends	44	44	44	44	44	44	44	44	44	44
SHIFTING BEAMS OR JOIST PLATES	Number	5	5	6	6	7	7	6	6	2	2
	Section and Scantlings	PLATE 16" x 36		PLATE 16" x 34		PLATES 5 x 16 1/2 x 36 2 x 15 x 34		PLATE 16" x 34		PLATE 14" x 34	
	Material	ANG <sup>s</sup> 4 x 3 x 44		ANG <sup>s</sup> 4 x 3 x 44		ANG <sup>s</sup> 4 x 3 x 44		ANG <sup>s</sup> 4 x 3 x 44		ANG <sup>s</sup> 4 x 3 x 44	
* FORE AND AFTERS.	Number										
	Section and Scantlings										
	Material										
HATCHES Thickness											
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

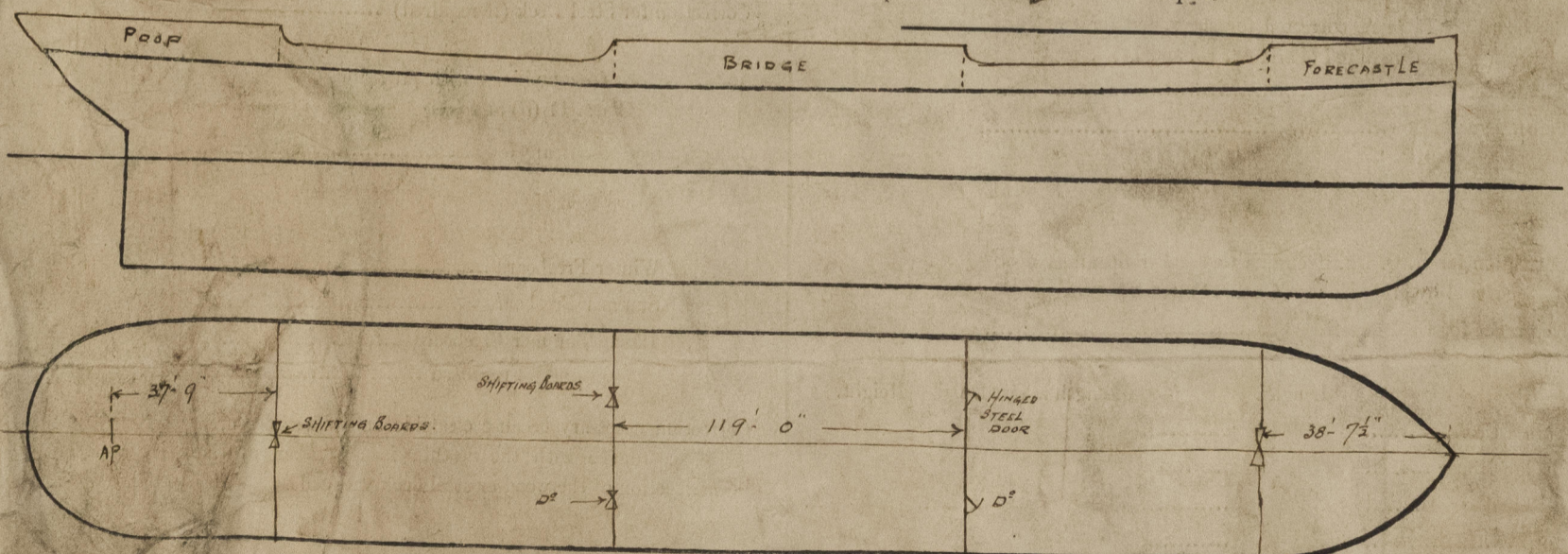
Area of Freeing Ports required by *RULES* Para. 11 (c) each side of vessel =

Ft. Tenths. Ft. Tenths. No.

FOR<sup>d</sup> 3.25 x 1.75 x 7  
 AFT 3.33 x 1.75 x 8

Freeing Ports (each side of vessel) = *FOR<sup>d</sup> 39.56* Sq. ft.  
*AFT 46.4* 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.

*See board Request attached.*

State any special features in the construction of the Vessel *The vessel has been built in accordance with the App<sup>d</sup> Plans of mid Section, Profile, Decks, Pillars and Timbers forwarded herewith.*

Builder's name and yard number *Robert Duncan & Co Ltd, Yard No 357.*

Names of sister vessels *"Britastion" Gk Rep No 18141; "Dunrobin" Gk Rep No 18241; "Saint Oswald" Gk Rep No 18293;*

Owners

Address

Fee £

11 : 0 : 0

Received by me

will be rendered with 1<sup>st</sup> Entry Fee.



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