

GLASGOW REPORT No. 39778  
TUE. MAR. 30 1920  
Index No. 28810  
(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  
TOPGALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
WITH TOPGALLANT 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 J. W. Craig

Ship's Name SS "SETTER" Port of Registry and Nationality ULSTER CASTLE Official Number 144200  
Gross Tonnage 1920 Date of Build 1920 Particulars of Classification +100 A1.  
Number in Register Book Mat. W. Davidson 812 45613 (CONTEMPLATED)

Registered dimensions from Ship's Register.  
LENGTH. 245.0 BREADTH. 34.15 DEPTH. 15.6 UNDER DECK TONNAGE. 908.19  
TO FLOORS.

Moulded Depth as measured..... 16.6

Addition for Keel below base line  
for draught record..... 7 inches.

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

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 244.5  
Length in Table ..... 198.0  
Difference ..... 46.5  
Correction for 10ft., Table A. .... 1.0 Table C. .5  
× Difference divided by 10 ..... 46.5 (if required.) 2.32  
If  $\frac{1}{10}$ ths length covered divide by 2 + 4 1/2 ✓ SAY + 2 1/4 ✓

### CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... X.578  
Thickness of usual wood deck, less stringer ..... 3 1/2  
3 1/2 - 3 = 1/2 × .578 = .289 ✓ 3" FITTED - on steel deck

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 33.8  
Round of Beam ..... 8 1/2  
Normal round..... 8 1/2  
Difference ..... 0  
Proportion of Deck uncovered (Para. 19) ..... ÷ 2 =

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

Freeboard, Table A ..... 2-8 3/4  
Correction for Sheer ..... - 3/4  
Correction for Length ..... + 4 1/2  
Allowance for Deck Erections ..... 3-0 1/2  
Correction for Round of Beam..... - 10 1/4  
Correction for fall in Sheer (if any)..... ✓  
Correction for Iron Deck (if required) ..... - 1/4  
Additions for non-compliance with provisions of  
Para. 11 (d) and (e) 2-1 3/4  
Other Corrections (if any) ..... ✓

Winter Freeboard ..... 2-8 1/4  
Summer Freeboard ..... 1-11 1/4  
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 or iron deck with side. + 1 1/2

Winter Freeboard from deck line ..... 2-3 1/4  
Summer " " " ..... 2-X 1/4  
Indian Summer " " " ..... ✓  
N.A. Winter " " " ..... ✓

Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :—  
Fresh Water Line above centre of Disc ..... 2'-0 1/2  
Indian Summer Line " " " ..... 3 1/2  
Winter Line below " " " ..... 1 1/2  
Winter North Atlantic Line " " " ..... ✓

3. If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
4. 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.  
5. 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.

† 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 draught on survey, and also the usual load draft forward and aft should be reported.

THE APPROVED SKETCHES OF MID- & LONGITUDINAL SECTIONS ALONG WITH A FREEBOARD PLAN ARE FORWARDED. HEREWITH.

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Do all the Frames extend to the top height in the Poop? YES Raised Quarter Deck? ✓  
 To what height do the Reverse Frames extend? IN E+B TO MAIN D'S REMAINDER TO  
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? ✓  
 Give particulars of the means for closing the openings in Bulkhead CLOSED.  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? NO Has the Bridge  
 Give particulars of the means for closing the openings in Bulkhead OPEN. FORE.  
 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  
 Has the Bridge House an efficient Iron Bulkhead at the after end? NO ✓  
 How are the openings closed? ✓  
 Is the Forecastle at least as high as the main or top-gallant rail? YES. Has the Forecastle  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised  
 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? ✓  
 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?

Position and Size.		Nº 1. 9-1/4 x 10-0 x 24"		Nº 2. 19-2 x 12-0 x 24"		Nº 3. 9-1/4 x 12-					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.					
COAMING.	Height above top of DECK	24"	24"	24"	24"	24"					
	Sides	44	44	44	44	44					
	Ends	44	44	44	44	44					
SHIFTING BEAMS OR WEB PLATES.	Number			2	2						
	Section and Scantlings	✓	✓	12 x 32	12 x 32	✓					
	Material			4 Angles	4 Angles						
* FORE AND AFTERS.	Number	3	3	3	3	3	3	3	3	3	3
	Section and Scantlings	10 9 1/2 x 4	10 9 1/2 x 4	10 7 1/2 x 4	10 7 1/2 x 4	10 9 1/2 x 4	10 9 1/2 x 4	10 9 1/2 x 4	10 9 1/2 x 4	10 9 1/2 x 4	10 9 1/2 x 4
	Material	22 8 x 4	22 8 x 4	22 6 x 6	22 6 x 6	22 8 x 4	22 8 x 4	22 5 1/2 x 5 1/2	22 5 1/2 x 5 1/2	22 5 1/2 x 5 1/2	22 5 1/2 x 5 1/2
HATCHES Thickness		2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	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, 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

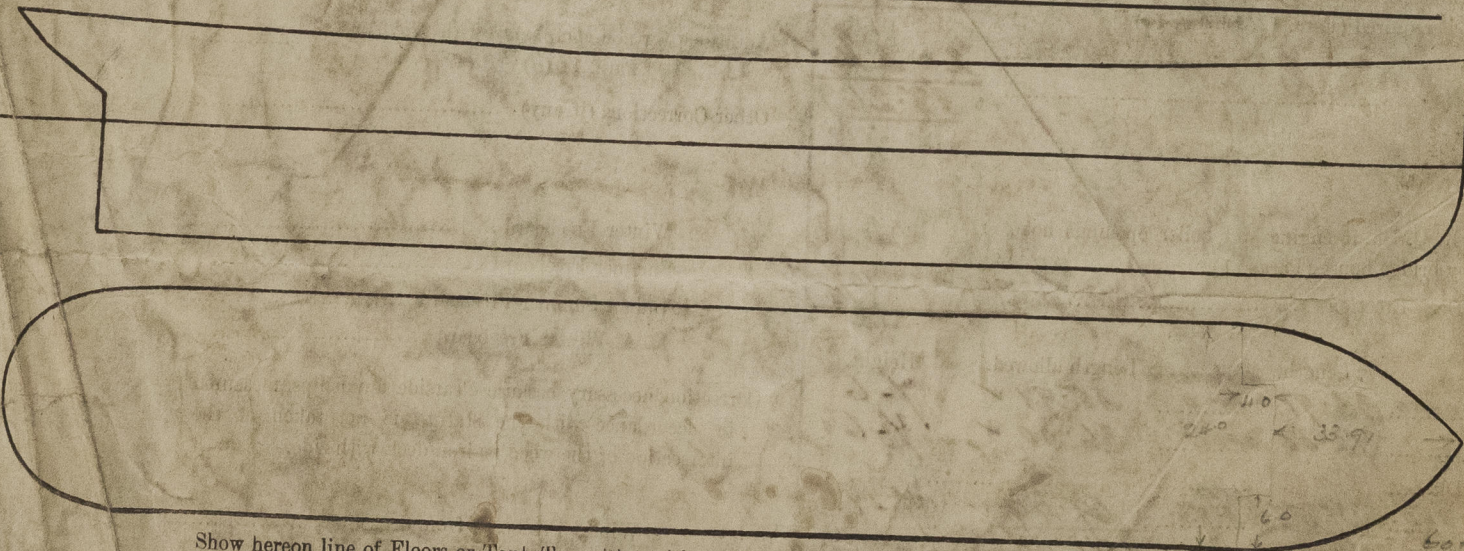
Area of Freeing Ports required by Para. 11 (e) each side of vessel =

Ft. Tenths. Ft. Tenths. No. = Sq. ft.

x x } Freeing Ports (each side of vessel) = Sq. ft.

x x }

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

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