

441/33 of Nov 11/33  
Verification  
TUE MAR 25 1913 65915  
Lloyd's Register of British & Foreign Shipping.  
SURVEYS FOR FREEBOARD.-STEAM SHIPS. 22908

CLARS RELATING TO ALL STEAM SHIPS EITHER PLUSH BECKED, OR WITH  
PLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
OR GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECK,  
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.  
The Tyne Iron Shipbuilding Company Limited (No 186)

Ship's Name. *INNAN* Port of Registry *Manchester* Official Number. *12889* Gross Tonnage. *3697* Date of Build. *1913* Particulars of Classification. *100 A1. Class contemplated.*  
Register Book *76 in Suppl.* *Portish*

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
350.40	50.05	23.80	3479.62
350.00	Frame Depth 10 Rule " 5 1/2 4 1/2	Ceiling fitted Sheer 1.25 Land tank 4 1/2	Peak } Tanks } <i>End.</i>
350.00	49.30	25.05	3479.62

Moulded Depth as measured.....26-0 7/8  
24-3 7/8  
3-5 1/2  
23-10 7/8

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

of fineness.....80  
ication necessary }  
4 (a) to (e)\* }  
as corrected .....  
0.02 Cell 013.  
78

CORRECTION FOR LENGTH.  
Length of Ship on Loadline.....350.00  
Length in Table .....312.625  
Difference .....37.375  
Correction for 10ft., Table A. ....1.4  
x Difference divided by 10 .....52.325 Table C.  
If 1/10ths length covered divide by 2 .....5.2325 (if required.)  
2.616 = +2 1/2

em.....10-0 }  
ernpost ...5-0 } 180 ÷ 2 = 90 Mean  
he length from { Stem 5-6 }  
                          { Sternpost 2-9 } 99 ÷ 2 = 49.5 Mean  
                          { } 55-90  
ean Sheer .....90  
mean Sheer [Table, Para. 18] .....45  
Difference.....45 ÷ 4 = -11 1/4  
ed as Para. 18 (f).....

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered .....6983  
Thickness of usual wood deck, less stringer .....3 1/2 - 3 1/2

Sheer { At front of bridge house.....  
ships {  
(e) { At after end of forecastle .....  
Sheer {  
(d) { 578 ÷ 2 = 289  
covered .....3017  
Correction x

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships.....49-0  
Round of Beam .....15  
Normal round.....12 1/4  
Difference .....2 1/4 ÷ 2 = 1 1/8  
Proportion of Deck uncovered (Para. 19) .....3.017 - 1/2

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

ALLOWANCE FOR DECK ERECTIONS :-  
Table C.....2-11 1/4  
for Length, if required (Para. 12, 13, and 14) .....  
y Table A. corrected for sheer, and for length, }  
if required (Para. 12, 13, and 14) }  
2-0.80  
s below.....49.83%  
12.36  
12.33  
or R. Q. Dk. if engine and boiler openings not }  
by bridge house (Para. 11) }  
r Deck Erections .....-12 1/4

Freeboard, Table A .....5-11 3/4  
Correction for Sheer .....11.25  
5-0.51  
Correction for Length .....+2.62  
5-3.13  
Allowance for Deck Erections .....1-0.36  
4-2.44  
Correction for Round of Beam.....41  
4-2.36  
Correction for fall in Sheer (if any).....  
Correction for Iron Deck (if required) .....-3 1/2  
3-10 3/4  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) }  
Other Corrections (if any) .....

Length.	Length allowed.	Height.
35.5	35.5	7-6
162.5 at side	165.24	7-6
166.66 at Centre		
Dk.....		
43.66	43.66	7-6
	244.43	6983
	350	
percentage {		
2, 13, or 14 } 49.83%		

Winter Freeboard .....3-10 3/4  
Summer Freeboard .....3-5 7/8  
Indian Summer Freeboard .....3-1 3/4  
N. A. Winter Freeboard .....  
Correction necessary because clearside amidships, measured }  
in accordance with the Statute is not taken at the } 2  
intersection of the wood or iron deck with side.

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

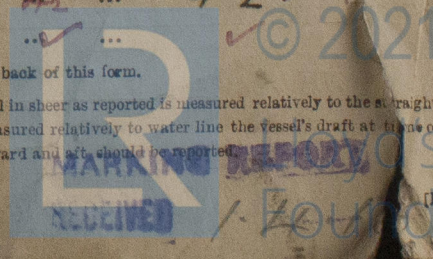
Winter Freeboard from deck line .....4-0 3/4  
Summer " " " .....3-7 3/8  
Indian Summer " " " .....3-3 3/4  
N. A. Winter " " " .....  
3'-8" ... 3-7 3/8

main planking, or ceiling are of unusual thickness the breadth of vessel to inside  
ould be reported if possible.  
allowance for deck erections under Para. 11 where the sheer drops abaft amid-  
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-  
having poops and forecastles, it means the sheer measured at points distant  
of the vessel's length from stem and stern-post.

Amended Tables  
March, 1906.  
5 1/2 ... 5 1/2  
4 1/2 ... 4 1/2  
4 1/2 ... 4 1/2

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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.





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? *Built 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 *Storm boards fitted in inclined Channels full height*

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 *Bolted iron doors (Bolted saving two plates + Bridge post)*

What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*

Give scantlings and spacing of the Stiffeners *Built Angles 8x3 1/2 x 64 spaced 30 apart*

Are bracket plates fitted at each end of the Stiffeners? *Yes* 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? *Storm boards fitted in inclined channels full height*

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? *Bridge 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*

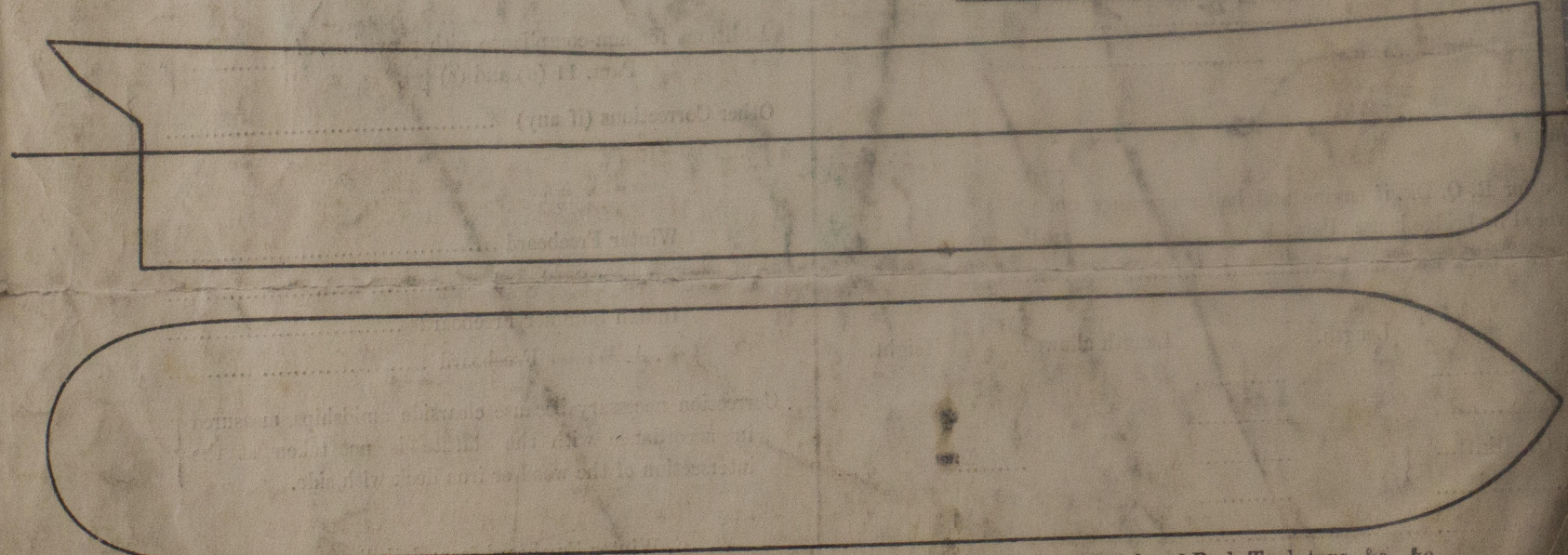
Position and Size.	No 1-25-0x17-0		No 2-27-1x17-0		No 3-27-1x17-0		No 4-22-11x17-0		Ship
Item.	Ship.	Rule + as app'd	Ship.	Rule + as app'd	Ship.	Rule + as app'd	Ship.	Rule + as app'd	
COAMING. Height above top of DECK	3-7	3-0	2-7	2-6	2-7	2-6	3-7	3-0	
Thickness { Sides.....	.46	.46	.48	.48	.48	.48	.44	.44	
Ends.....	.40	.40	.40	.40	.40	.40	.40	.40	
SHIFTING BEAMS OR WEB PLATES. Number .....	4	4	4	4	4	4	3	3	
Section and Scantlings .....	7R 4x3x40 double web .34 6" flange Steel		7R 4x3x40 double web .40 6" flange		Same as No 2		Same as No 1		
Material .....	Steel								
* FORE AND AFTERS. Number .....	Nil		Nil		Nil		Nil		
Section and Scantlings .....									
Material .....									
HATCHES Thickness .....	3"	3"	3"	3"	3"	3"	3"	3"	
Remarks.....									

\* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.  
 (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	x	x	Freeing Ports (each side of vessel)	=
x	x	x	x		Sq. ft.
Total deficiency or excess				=	



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 appended plans of Midship Section, Poop, Sketch showing amended lengths of Bridge & Poop, also plans of Bridge deck hatchways, etc.*

for reference.

Owners \_\_\_\_\_

Address \_\_\_\_\_

Fee £ \_\_\_\_\_

Received by me \_\_\_\_\_