

Fls. 107/132

6 SEP 1929

Index No. 33115
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS. N: 95902.

REGULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH
ALTERNATE FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR
TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS
CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Birkenhead.
Date of Survey While Building
Name of Surveyor Ch. Dean.

Ship's Name, THELTARN
Port of Registry and Nationality, British
Official Number, 161116

Gross Tonnage, ✓
Date of Build, 1929.
Particulars of Classification, Contemplated 100 A.1. Carrying Petroleum or Indiarubber in bulk.

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
221.8	36.30	14.0	859.5
220.0	36.2	15.08	881.41

Moulded Depth as measured... 14'-0"
 Addition for Keel below base line for draught record.....inches. 9
 NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.

Mean Frame Depth 66 to Ceiling +20 Peak } incl.
 Rule " 4 Sheer +88 Tanks }
 Floors E.R. +14.33
 For floors in B.R. +4.05
 For floors in Q.D. +3.53

CORRECTION FOR LENGTH.
 Length of Ship on Loadline..... 220'-0"
 Length in Table 168.0
 Difference 52
 Correction for 10ft., Table A. 1.0 Table C.
 × Difference divided by 10 5.2 (if required.)
 If $\frac{1}{10}$ ths length covered divide by 2 2.6 = +2 1/2"

Thickness of usual wood deck, less stringer 3"
 Correction for Iron Deck.
 Proportion covered, if less than $\frac{1}{10}$ ths length covered
 Thickness of usual wood deck, less stringer 3" - 3"

CORRECTION FOR ROUND OF BEAM.
 Breadth at Gunwale amidships..... 36'-0"
 Round of Beam 8 3/4"
 Normal round..... 9
 Difference $\frac{1}{4} \div 2 =$ $\frac{1}{8}$
 Proportion of Deck uncovered (Para. 19) NIL

At front of bridge house.....
 At after end of forecastle 29"
 ÷ 2 =
 Correction

Freeboard, Table A 2'-3"
 Correction for Sheer 7 3/4"
 Correction for Length 2 1/2"
 Allowance for Deck Erections 7"
 Correction for Round of Beam..... ✓
 Correction for fall in Sheer (if any)..... ✓
 Correction for Steel Deck (if required) 3"
0'-11 3/4"

ALLOWANCE FOR DECK ERECTIONS :-
 Table C..... 0'-6"
 Length, if required (Para. 12, 13, and 14)
 Table A, corrected for sheer, and for length, required (Para. 11, 12, 13, and 14) 1'-7 1/4"
 Below..... 52.4%
6.94

Winter Freeboard 0'-11 3/4"
 Summer Freeboard (1 1/2 - 2) = -2 0'-9 3/4"
 Indian Summer Freeboard 0'-7 3/4"
 N. A. Winter Freeboard 1'-1 3/4"

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11) -7"
 Deck Erections

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. + 1/2"

Length allowed.	Height.
<u>40.5'</u>	<u>7 1/8"</u>
<u>6.4</u>	<u>4'-3"</u>
<u>10.75</u>	<u>7'-6"</u>
<u>21.44</u>	<u>4'-3"</u>
<u>69.52'</u>	<u>7 1/8"</u>
<u>159.37 = 724</u>	
<u>220</u>	

Winter Freeboard from deck line 1'-1 1/4"
 Summer " " " " 0'-11 1/4"
 Indian Summer " " " " 0'-9 1/4"
 N. A. Winter " " " " 1'-3 1/4"

Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck :-
 Fresh Water Line above centre of Disc 2
 Indian Summer Line " " " " 2
 Winter Line below " " 4
 Winter North Atlantic Line " " " " 3 1/2"

State dimensions of keel 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.

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 one-eighth of the vessel's length from stem and stern post.

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 Lloyd's Register Foundation

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? Bridge House? Forecastle?
 To what height do the Reverse Frames extend? *None*
 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 *no openings*
 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? *Yes* Has the Forecastle an efficient *steel* Iron or Wood Bulk'd. at after end? *Yes*
 Are the Engine and Boiler openings covered by a ~~Bridge Poop~~ ~~Raised Quarter Deck~~, & enclosed by a Strong ~~Iron~~ *Steel* Deckhouse? *Yes*
 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.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.
COAMING.	Height above top of DECK									
	Thickness { Sides..... Ends.....									
SHIFTING BEAMS OR WEB PLATES.	Number									
	Section and Scantlings									
	Material									
* FORE AND AFTERS.	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness										
Remarks.....										

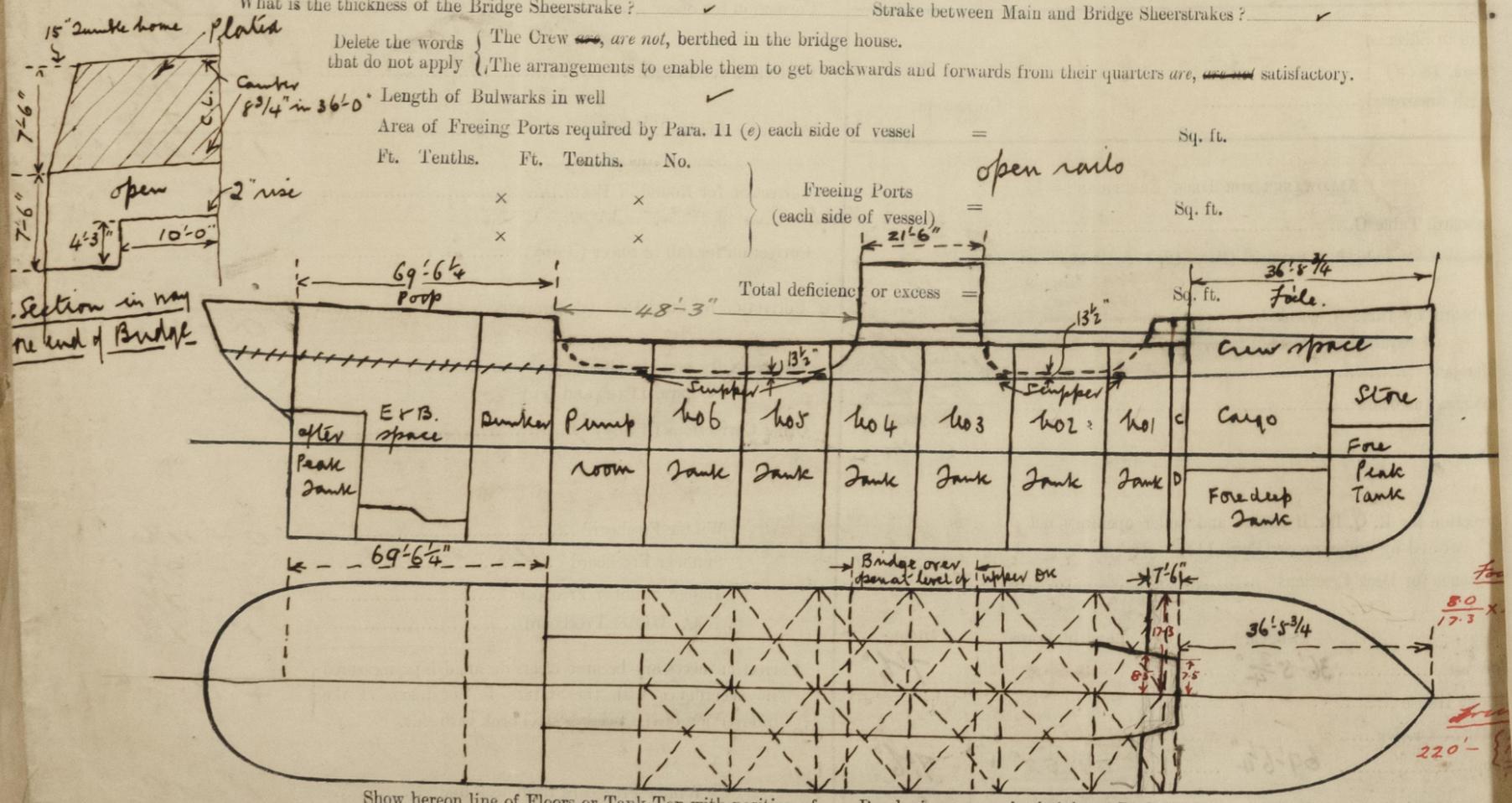
oil tight hatches as approved.

* 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, ~~unsatisfactory~~ satisfactory.

Length of Bulwarks in well
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.
 Ft. Tenths. Ft. Tenths. No.
 × × ×
 × × ×
 Freeing Ports (each side of vessel) = *open rails* 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.
 Midship Section & Longitudinal Plans herewith.

State any special features in the construction of the Vessel
 Builder's name and yard number *Messrs. Cammell Laird & Co. Ltd. Birkenhead No. 958*
 Names of sister vessels
 Owners *United Indassess Co. Ltd.*
 Address *Bush House, Aldwych, London W.C. 2.*
 Fee £ : : Received by me

