

*Reelin 30854
Cliff tower 25016*

*EXT
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20/2/33

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No 28898

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 Sunderland
Date of Survey While building
Name of Surveyor W.T. Hudson

'USWORTH'
Ship's Name.
Messrs L. Blumer & Co Ltd
55 No 254
Number in Register Book

Port of Registry and Nationality.
Newcastle
British.

Official Number.
119420

Gross Tonnage.
3509
3524.82

Date of Build.
1924

Particulars of Classification.
+100-A-1 (Contemplated)
(Revised Rules)

Length	Breadth	Depth	Under Deck Tonnage
356.3	48.75	23.9	3324.52
355.75			
355.75	47.84	25.31	3324.52

Moulded Depth as measured... 25'-11"
Addition for Keel below base line for draught record... 1/2 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	355.75
Length in Table	311.0
Difference	44.75
Correction for 10ft., Table A.	1.383
× Difference divided by 10	6.188
If 1/10ths length covered divide by 2	+6 1/4
Table C.	.4
(if required.)	3.13
	+3 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	49.14
Thickness of usual wood deck, less stringer	2 1/2
	-1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships	47.16
Round of Beam	16
Normal round	11.79
Difference	4.21
Proportion of Deck uncovered (Para. 19)	50.86
	-1

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

Freeboard, Table A	5-10
Correction for Sheer	-8 3/4
Correction for Length	+6 1/4
Allowance for Deck Erections	-9 1/2
Correction for Round of Beam	-1
Correction for fall in Sheer (if any)	✓
Correction for Iron Deck (if required)	1 1/4
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	4-7 1/4
Other Corrections (if any)	

Winter Freeboard	4-7 1/4
Summer Freeboard	4-3
Indian Summer Freeboard	3-10 3/4
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. } +2 1/2"

Winter Freeboard from deck line	4-9 3/4
Summer " " " "	4-5 1/2
Indian Summer " " " "	4-1 1/2
N. A. Winter " " " "	✓

ALLOWANCE FOR DECK ERECTIONS:—

Length, K required (Para. 12, 13, and 14)	2-10 1/4
Correction for sheer, and for length, required (Para. 12, 13, and 14)	+3 1/4
	3-1 1/2
	5-4 1/2
	2-6 1/4
	9-4 1/2

2. Dk. if engine and boiler openings not in bridge house (Para. 11) } -9 1/2"

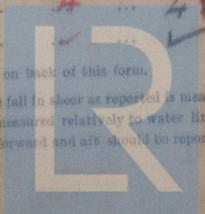
Length.	Length allowed.	Height.
31.5 + 1.76 (wings)	33.26	4'
36.16 + 1/4 of 2-8 (overhang)	107.66	4'
33.91	33.91	4'
	174.83	
	355.75	49/4

Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—

Fresh Water Line	above centre of Disc	4-5 1/2
Indian Summer Line	" " "	4 1/2
Winter Line	below " "	4
Winter North Atlantic Line	" " "	4

Blanking, or coating are of unusual thickness the breadth of vessel to inside be reported if possible.
† An allowance for deck erections under Para. 11 where the sheer drops abaft amidships the R.Q.D. is to be taken from the level of the top of the amidship beam.
‡ 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
Length 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 draft at side of survey, and also the usual load draft forward and aft should be reported.



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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? *Bull 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 *Two openings 3'-4" wide with 20" Coamings & storm boards full height in*
 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 *Two openings 3'-0" wide with 24" Coamings & fitted with linged steel doors secured*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *8x3x48 B.A. 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? *Two openings 3'-6" wide with 24" coamings & storm boards full height in riveted channels*
 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, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by a 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? *7'-6"* Are suitable means provided for closing all openings in them in bad weather? *Yes.*
 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. 5 142, 26'-0" x 19'-0"		No. 344, 28'-2" x 19'-0"		BRIDGE DECK HATCH 19'-6" x 19'-0"					
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	32"	32"	32"	30"					
	Thickness	Sides.....	.44	.44	.44					
		Ends.....	.44	.44	.44					
SHIFTING BEAMS OR WEB PLATES.	Number.....	5	5	3						
	Section and Scantlings.....	4x3x44 (T&B) 15" to 12" (Stm) x .35	4x3x44 (T&B) 16" to 12" (Stm) x .35	4x3x44 (T&B) 14" to 12" (Stm) x .35						
	Material.....	Steel	Steel	Steel						
* FORE AND AFTERS.	Number.....	None fitted								
	Section and Scantlings.....									
	Material.....									
HATCHES Thickness.....	2 1/2"	2 1/2"	2 1/2"							
Remarks.....	Satisfactory									

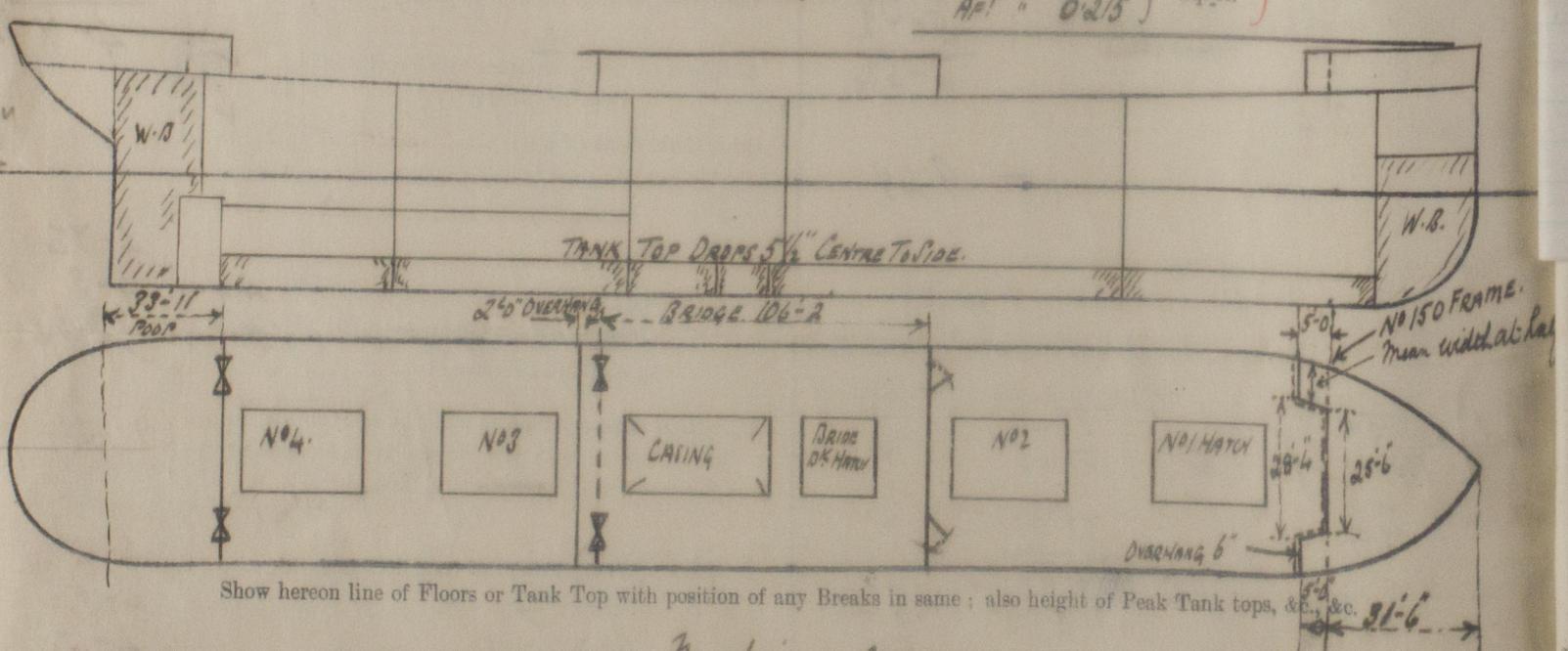
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge 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 *FORWELL 44'-4" x 3'-9" AFTWELL 101'-10" x 8'-9"*
 Area of Freeing Ports required by *REG. 29(b)* each side of vessel = *FORWELL 29* Sq. ft.
 = *AFT 38.2* Sq. ft.
 Freeing Ports (each side of vessel) = *FORWELL 30.315* Sq. ft.
 = *AFT WELL 38.415* Sq. ft.
 Total deficiency or excess = *FORWELL 1.315* Sq. ft.
 = *AFT 0.215* Sq. ft.

Hot class only.



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 *No special features.*
 Builder's name and yard number *Messrs John Blumer & Co Ltd Sunderland 5/6 No. 257.*
 Names of sister vessels *This vessel is a sister vessel to the S/S CLIFFTOWER with the exception of length of erections & from centre*
 Owners *The Builders.* Freight request form, ton per inch & displacement scale forwarded herewith.
 Address *See also preliminary freight rate S/A No. 28547. The approved plans are in the London*
 Fee £ *9 : 0 : 0* Received by me *See F.C. Report.*
To be charged on completion.

