

Lloyd's Register of Shipping.

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 Chesmere Port (Liverpool)
Date of Survey 2nd Dec. 1920 & subsequent dates
Name of Surveyor Clt. Dean

Icelandic

Ship's Name ex "DELTA"	Port of Registry and Nationality.	Official Number. 144633	Gross Tonnage. 1225 approx.	Date of Build. 1914	Particulars of Classification. contemplated 100 A.I. (with freeboard)
Number in Register Book 56060					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	241.4	36.2	15.6	1090.60
	241.0	Frame Depth 7 Rule " 4 1/2 2 1/2 x 2 = .42	Ceiling fitted Sheer +.69 Level Tank To Tank Top 16.04	Peak Tanks
	41.0	35.78	16.73	1090.60

Moulded Depth as measured.. **18'-0"**
 Addition for Keel below base line for draught record..... **1 3/4** 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.....	241
Length in Table	216
Difference	25
Correction for 10ft., Table A.	1.1 Table C.
× Difference divided by 10	2.75 (if required.)
If 1/10ths length covered divide by 2	1.37 1/2 + 1 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	<input checked="" type="checkbox"/>
Thickness of usual wood deck, less stringer	3 1/2
steel decks throughout	- 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.. 36'-0"	
Round of Beam	9"
Normal round.....	9"
Difference	<input checked="" type="checkbox"/> ÷ 2 =
Proportion of Deck uncovered (Para. 19)	

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

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

Winter Freeboard	1' 9
Summer Freeboard	1' 6 1/2
Indian Summer Freeboard	1' 4
N. A. Winter Freeboard	1' 11
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	1' 10 1/2
Summer " " " "	1 " 8
Indian Summer " " " "	1' 5 1/2
N. A. Winter " " " "	2' 0 1/2

ess..... **-756**
 necessary } **C.D.B**
 e)* }
 cted **.74**

10'-2 1/4 ÷ 2 = 5'-1 1/8 Mean
 61.12 24.99 .69
 32

Stem **3'-11"**
 Sternpost **1'-6"** } **8'-5"** ÷ 2 = **2'-8 1/2** Mean
 59.09 ÷ 55.5909

[Table, Para. 18] **34.10** Correction
 Difference..... **24.99 ÷ 4 = 6.25**
 18 (f) **- 6 1/4 "**

At front of bridge house... **2'-8 1/2 "**
 At after end of forecastle ... **3'-11 3/4 "**

÷ 2 =
 Correction

ALLOWANCE FOR DECK ERECTIONS:—

.....	0' 11
h, if required (Para. 12, 13, and 14)	<input checked="" type="checkbox"/>
A, corrected for sheer, and for length, required (Para. 12, 13, and 14)	2' 8 1/4
.....	1' 9 1/4
.....	71.0%
.....	15.08
.....	18.27
Dk. if engine and boiler openings not in bridge house (Para. 11)	1' 3
rections	1' 3

Length.	Length allowed.	Height.
33'-9"	33.75	7.6
185'-10"	185.83	7.6
.....	219.58	.91
.....	241.0	
age { 71.0%		
(N) }		

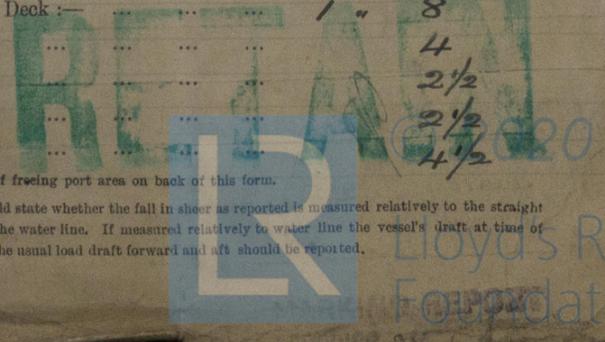
Recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

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

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

W404-0174



Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *Bulk frames throughout*
 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
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *yes* Has the Bridge House an efficient Bulkhead at the fore end? *yes*
 Give particulars of the means for closing the openings in Bulkhead *Wood boards in 3rd bars*
 What is the thickness of the Bridge Front plating? *7/20"* and Coaming plate? *8/20"*
 Give scantlings and spacing of the Stiffeners *7/2" x 3" x 9/20" spaced 28" apart*
 Are bracket plates fitted at each end of the Stiffeners? *Break bottom lug at top* Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *yes*
 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 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? *yes*
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes*
 Give thickness of plating; scantlings and spacing of Stiffeners
 What is the height of the exposed Casings? *yes* 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*

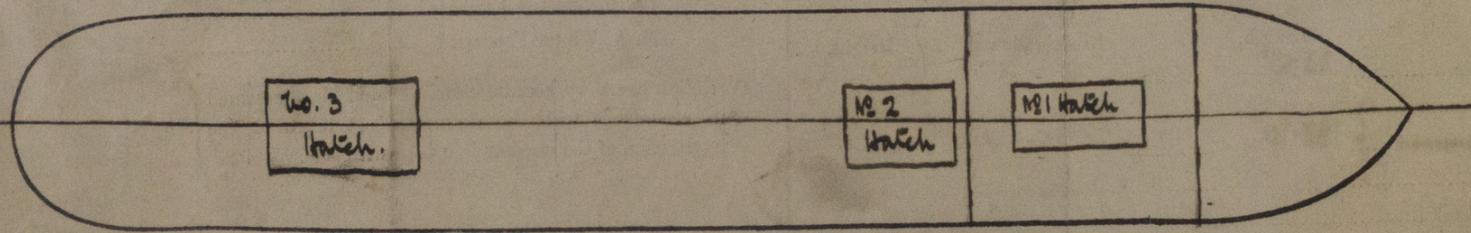
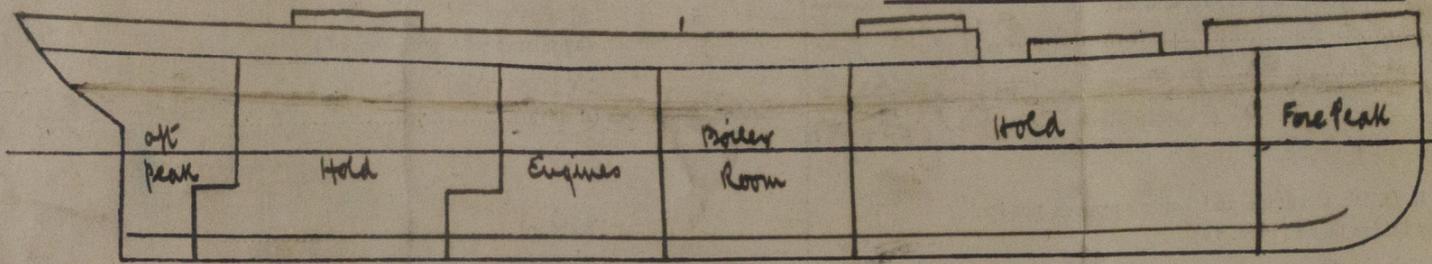
Position and Size.	No. 1. 19'-9" x 11'-0"		No. 2. 35'-6" x 12'-0"		No. 3. 35'-6" x 12'-0"		Ship.	Rule.	Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.				
COAMING. Height above top of DECK Thickness { Sides..... Ends.....	36"		similar to No. 1.		Similar to No. 1.					
	7/16"									
SHIFTING BEAMS OR WEB PLATES.	Number	1 5' x 2 1/2" x 3/8" angles	3 similar to No. 1.		3 similar to No. 1.					
	Section and Scantlings	11' 5" at centre 2' 9" at side								
	Material	Steel								
* FORE AND AFTERS.	Number	2	2		2					
	Section and Scantlings	8' x 7" wood	8' x 7" wood		8' x 7" wood					
	Material									
HATCHES Thickness	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 *21'-6"* *Facilities fitted*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *8.65* Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *8.75* Sq. ft.
 2.5 x 1.75 x 2 } (each side of vessel)
 x x }
 Total deficiency or excess = *.10* 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 *This vessel is at present under survey with a view to being classed 100 A.1. See letter & plans sent from this office 11th December 1920.*

Owners *James Currie & Co.*
 " Address _____

Fee £ *4 : 4 : 0* Received by me _____

