

REC'D NEW YORK JAN -4 1921

TUE. 18 JAN. 1921

Index No. 29682
(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 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.

Bethlehem Shipbuilding Corp. Ltd. - Harlan Plant - (N^o 3474)

Port of Survey Philadelphia Pa.
Date 3rd Jan'y 1921
Name of Surveyor J. Lindgreen

Ship's Name "ALBERT WATTS"
Port of Registry New York
Official Number ✓
Gross Tonnage ✓
Date of Build Building
Particulars of Classification 100 A.1. Carrying petroleum in bulk (contemplated)

REGISTERED LENGTH	BREADTH	DEPTH	UNDER DECK TONNAGE
430.2	59.2	32.88	6792.14
430.0	MEAN Frame Depth 9 Rule 7	Ceiling +.20 Sheer -.11	Peak } Tanks } incl.
430.0	59.2	32.89	6845.14

Moulded Depth as measured 33'-3"
Addition for Keel below base line for draught record 2'-38" 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	430.0
Length in Table	399.0
Difference	31.0
Correction for 10ft., Table A.	1.65
× Difference divided by 10	3.11
If 10ths length covered divide by 2	+ 5"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered	.49
Thickness of usual wood deck, less stringer	.65 = 3.98

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships	59
Round of Beam	15
Normal round	14.75
Difference	.25 ÷ 2 = .125
Proportion of Deck uncovered (Para. 19)	

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

of fineness .817 ✓
of the length from Stem 33.5
Sternpost 17.78
Mean Sheer 49.02 ✓
Mean Sheer [Table, Para. 18] 58.00 ✓
Difference 3.98 ÷ 4 = .99 ✓
Corrected as Para. 18 (f) ✓
Correction for 173 feet amidships +1" ✓

At front of bridge house ✓
At after end of forecastle ✓
Correction

ALLOWANCE FOR DECK ERECTIONS:—

rd, Table C.	5-9 3/4
on for Length, if required (Para. 12, 13, and 14)	2 3/4
rd by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	6-0 1/4
ice	9-7 3/4
age as below	3-7 1/2
	31-28 1/2
	- 13-6 1/4

ion for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
ance for Deck Erections 13 1/2"

Length.	Length allowed.	Height.
40.38	40.38	7-9
36.46	36.46	7-9
134.00	134.00	7-9
Total	210.84	
Length of Ship	430	149 ✓

corresponding percentage 31.3
(Para. 11, 12, 13, or 14) 31.38%

FREEBOARD 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	8-4 1/2
Summer Freeboard	7-10 1/2
Indian Summer Freeboard	7-4 1/2
N. A. Winter Freeboard	
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the STEEL deck with side.	+ 1 1/4 ✓

Winter Freeboard from deck line	8-6 1/4
Summer " " " "	8-0 1/4
Indian Summer " " " "	7-6 1/4
N. A. Winter " " " "	
STEEL	8-0 ✓
	7 ✓
	6 ✓
	6 ✓

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.

MARKING REPORT
RECEIVED 3.2.21

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? *Longitudinal 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 4'0" x 3'4" fitted with portable battens in riveted channel frames, 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 *Two hinged steel w. 1 door 5'0" x 2'2"*
 What is the thickness of the Bridge Front plating? *.46" ✓* and Coaming plate? *.60" ✓*
 Give scantlings and spacing of the Stiffeners *10 x 3 1/2 x 3 1/2 x 28 lb. channels spaced 43" 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 4'0" x 3'4" fitted with portable battens in riveted channel frames, 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? *No (side house)*
 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 Poop and casing on top of same.*
 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? *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. 8'0" x 15'3"		9 pairs 6'0" x 4'0" oil Latches		6 pairs 6'0" x 4'0" oil Latches to summer tanks		Coal Hatch on Poop. 12'6" x 2'6"			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.										
Height above top of DECK	30 ✓	30	Steel Lings covers fastened with drop bolts		30		30 ✓	30		
Thickness { Sides.....	.44 ✓	.44			.44		.44 ✓	.44	✓	✓
Ends.....	.44 ✓	.44			.44		.44 ✓	.44		
SHIFTING BEAMS OR WEB PLATES.			spaced about 22" apart		Steel Lings covers efficiently stiffened fastened with drop bolts about 22" apart.					
Number.....			Cross .38"							
Section and Scantlings.....	✓	✓					✓	✓	✓	✓
Material.....										
* FORE AND AFTERS.										
Number.....	3						5			
Section and Scantlings.....	7 1/2 x 31 ✓						7 1/2 x 31 ✓			
Material.....	3 x 3 x .44 ✓						3 x 3 x .44 ✓			
	STEEL						STEEL			
HATCHES Thickness.....	3" ✓	3"					3" ✓	3"		
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 =

Sq. ft.

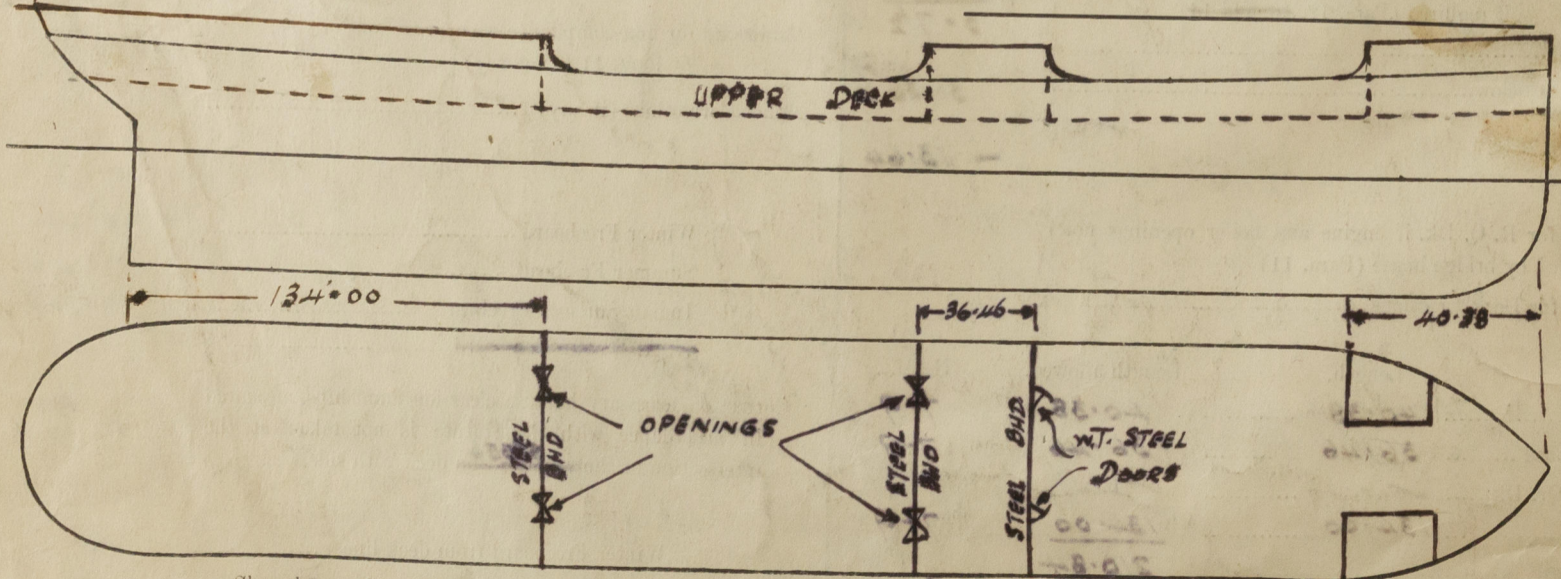
Ft. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) =

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.

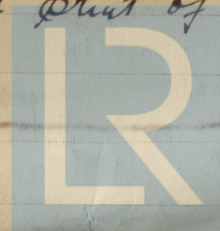
State any special features in the construction of the Vessel *This vessel is a motor ship to the S.S. "EUGENE V.R. THAYER (Phila. Rep. 4004)* The signed Request form and print of Displacement Curves are forwarded herewith.

Owners

Address

Fee \$50.00 will be charged with 1st Entry.

Received by me



Lloyd's Register Foundation