

REC'D NEW YORK JUN 29 1921

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Index No. **30073**
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. STEAM SHIPS.

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

Port of Survey Boston
Date of Survey While Building
Name of Surveyor John S Heek

Ship's Name V. FLETCHER FARRELL
Builder Bethlehem SB & 1396
Number in Register Book ✓
Port of Registry and Nationality New York U.S.A.
Official Number Not yet assigned
Gross Tonnage 7061
Date of Build. 1921
Particulars of Classification +100 A1 Carrying Petroleum in Bulk

Registered dimensions from Ship's Register.
Length on LOADLINE. 430
CORRECTED DIMENSIONS. 430
LENGTH. 430.3
BREADTH. 59.3
DEPTH. 33.2
UNDER DECK TONNAGE. 6421.52
Frame Depth 93
Ceiling +20
Rule 87
Sheer none
Peak Included ✓
Tanks 18830
CD Baff 71

Moulded Depth as measured. 33.3
Addition for Keel below base line for draught record. 2.3 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 ✓
Length in Table 399 ✓
Difference 31 ✓
Correction for 10ft., Table A. 1.65 ✓
× Difference divided by 10 4.96 (if required.) 2.48 ✓
If $\frac{1}{10}$ th length covered divide by 2 2.48 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ th length covered .49
Thickness of usual wood deck, less stringer 4.64 = 3.36 * .49 = 1.64
say 1 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships. 58.0
Round of Beam 15" in 59.0
Normal round. 14 3/4
Difference 1/4 ÷ 2 = 1/8
Proportion of Deck uncovered (Para. 19) neglect ✓

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

Co-efficient of fineness. 79.5
Any modification necessary {
[Para. 4 (a) to (e)]*
Co-efficient as corrected 80.49

Sheer { Stem 120 } 180 ÷ 2 = 90 Mean 36.13
at { Sternpost 60 }
Sheer at $\frac{1}{2}$ of the length from { Stem 34 } 51 1/2 ÷ 2 = 25.75 Mean 1.09
{ Sternpost 17 1/2 }
Gradual mean Sheer 49.62
Standard mean Sheer [Table, Para. 18] 53.0
Difference. 3.38 ÷ 4 = .84
§ If limited as Para. 18 (f) say 7 1/2 + 3/4

Rise in Sheer { At front of bridge house. no shear
from amidships { At after end of forecastle for 1/4 L markship
[Para. 18 (e)]

Fall in Sheer {
Para. 18 (d) } ÷ 2 = ✓
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 5-9.50
Correction for Length, if required (Para. 12, 13, and 14) 2.48
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 5-11.98
Difference 32.6.22
Percentage as below 31.3
43 x 31.3 = 13.4
13.14

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 13.21
Allowance for Deck Erections 13 1/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>40-4 1/2</u>	<u>40.37</u> ✓	<u>7-9</u>
Bridge House	<u>36-6 1/2</u>	<u>36.54</u> ✓	<u>7-9</u>
† Raised Qr. Dk.....			
Poop.....	<u>134-0</u>	<u>134.0</u> ✓	<u>7-9</u>
Total		<u>210.91</u>	
Length of Ship	<u>430</u>		<u>.49</u> ✓
Corresponding percentage { (Para. 11, 12, 13, and 14)		<u>31.3</u> ✓	

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

15.7.21.
Fresh Water Line above centre of Disc
Indian Summer Line " " "
Winter Line below " " "
Winter North Atlantic Line " " "

† 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.

MARKING REPORT
RECEIVED 9.0.21

Lloyd's Register
Foundation

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 *Bulk spaced 12" passing Bolted plates (class A)*
 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 *Hinged iron doors permanently attached to bulkhead*
 What is the thickness of the Bridge Front plating? *.48* and Coaming plate? *.50*
 Give scantlings and spacing of the Stiffeners *[10x3 1/2 x .48 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? *Shifting boards in angle iron frames*
 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. Open*
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *By the Poop*
 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*

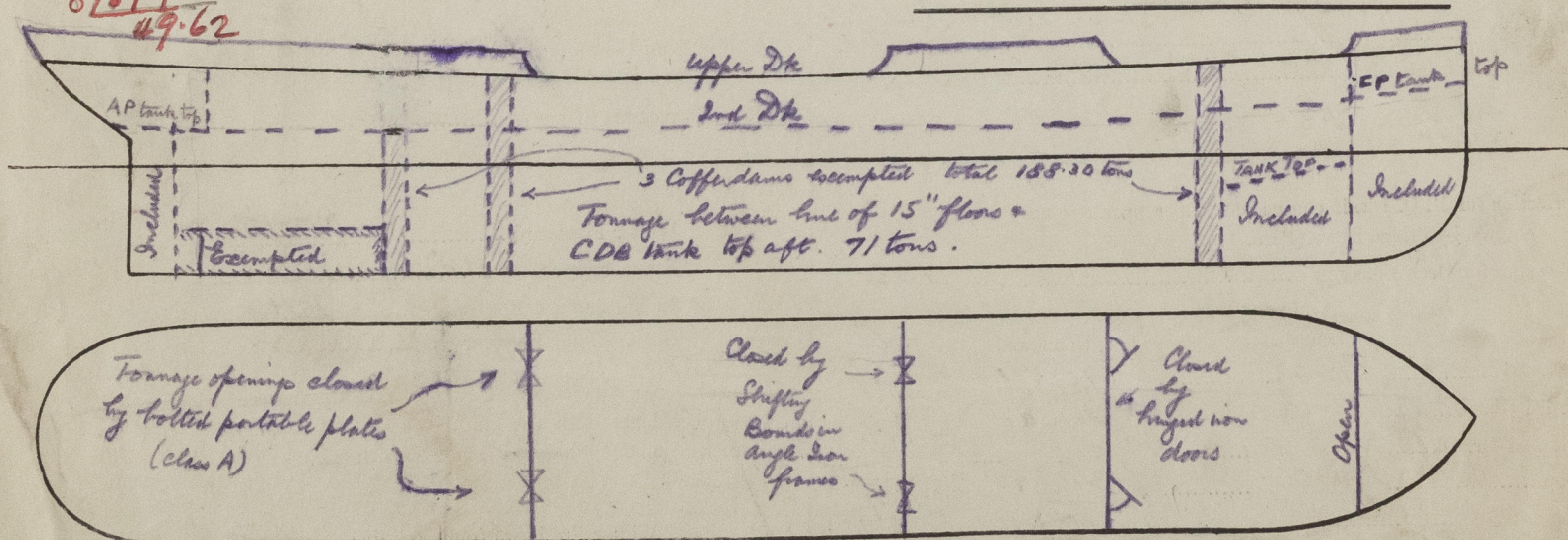
Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING.	Height above top of DECK	<i>Small oil tight hatches tested in accordance with Rules & found good.</i>															
	Thickness { Sides..... Ends.....																
SHIFTING BEAMS OR WEB PLATES.	Number																
	Section and Scantlings																
	Material																
* FORE AND AFTERS.	Number																
	Section and Scantlings																
	Material																
HATCHES Thickness																	
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? *✓*

120 1 120 Delete the words *The Crew are, are not, berthed in the bridge house.*
34 4 136 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*
3.5 2 Y Length of Bulwarks in well
0 4 - Area of Freeing Ports required by Para. 11 (e) each side of vessel = *✓* Sq. ft.
0 2 - Ft. Tenth. Ft. Tenth. No. }
0 4 - } Freeing Ports = *✓* Sq. ft.
2 2 4 } (each side of vessel)
17.5 4 70 }
60.0 1 60 }
 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 *Tanker. Longitudinal Framing. Tonnage measured to 15" floors. Fresh water allowance requested as per Displacement Scale herewith Request form herewith. Reply by wire necessary. Vessel sails 1st July.*

Owners *Sinclair Navigation Co*
 Address *120 Broadway New York City*
 Fee £ *\$100.00* Received by me