

Completion 6

Plt. No. 3125

11b.

REC'D NEW YORK Feb. 26-1919

Index No. 24927
(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.~~

Port of Survey Philadelphia
Date of Survey While building
Name of Surveyor Wm. Aspinall

Ship's Name. GULFQUEEN Port of Registry and Nationality. Camden, N.J. Official Number. ✓ Gross Tonnage. ✓ Date of Build. New Vessel Particulars of Classification. 100 A.1. Carrying petroleum in bulk (Class Contemplated)

Registered dimensions from	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Dimensions on	<u>419.50</u>	<u>36.30</u>	<u>31.76</u>	<u>6184.73</u>
LINE.	<u>419.25</u>	Frame Depth <u>24</u> Rule <u>63</u>	Ceiling <u>+20</u> Sheer <u>+17</u>	Peak <u>3</u> Tanks <u>1</u>
RECTED	<u>419.25</u>	<u>56.08</u>	<u>32.07</u>	<u>6249.32</u>
ENSIONS.		<u>56.04</u>	<u>32.06</u>	

Moulded Depth as measured..... 33.4
Less wood deck less stringer 32
Addition for Keel below base line 33.02
for draught record..... inches.

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 419.25
Length in Table 396.5
Difference 22.75
Correction for 10ft., Table A. 1.608 Table C. .8
× Difference divided by 10 +33/4 (if required.) +13/4 1.82
If 1/10ths length covered divide by 2 ✓ 3.66.

efficient of fineness..... .832
ny modification necessary {
[Para. 4 (a) to (e)]*
efficient as corrected82 Highest in Tables

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered36
Thickness of usual wood deck, less stringer
Allowed in reduced moulded depth

Sheer {Stem..... 90
at {Sternpost ... 31 } 121 ÷ 2 = 60.5 ... Mean

Sheer at 1/8 of the length from {Stem 51
Sternpost 13 } 64 ÷ 2 = 32 ... Mean

Gradual mean Sheer 31.15
Standard mean Sheer [Table, Para. 18] 31.15
Difference..... .83 ÷ 4 = -.21

§ If limited as Para. 18 (f) -.21

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 54.9
Round of Beam 1.12 13.25
Normal round..... 13.69 13.69
Difference44 4 ÷ 2 = .22 4.22
Proportion of Deck uncovered (Para. 19)59 64 13

Rise in Sheer {At front of bridge house..... 11 1/2
from amidships {
[Para. 18 (e)] {At after end of forecastle 63 1/2

¶ Fall in Sheer {
Para. 18 (d) } ÷ 2 = no fall
Length uncovered Correction

Freeboard, Table A 9.0
Correction for Sheer21
Correction for Length 3.66
Allowance for Deck Erections 9.57
Correction for Round of Beam..... +13
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required)
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any)

ALLOWANCE FOR DECK ERECTIONS:—
Freeboard, Table C..... 5.8 3/4
Correction for Length, if required (Para. 12, 13, and 14) +13/4
Freeboard by Table A, corrected for shear, and for length, if required (Para. 12, 13, and 14) 9.4 1/2
Difference 3.6
Percentage as below..... 22.87 22.87%
9.60 = 9.45
9.60

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections 9.57 -9 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>34.6</u>	<u>34.5</u>	<u>8.0</u>
Bridge House	<u>36.4</u> (open both ends)	<u>18.16</u>	<u>8.0</u>
† Raised Qr. Dk.....			
Poop.....	<u>101.00</u>	<u>101.00</u>	<u>8.0</u>
Total	<u>171.10</u> = <u>41</u>	<u>153.66</u>	<u>.366</u>
Length of Ship	<u>419.25</u>	<u>419.25</u>	
Corresponding percentage { (Para. 11, 12, 13, or 14) }	<u>22.87</u> <u>22.87%</u>		

Winter Freeboard 8.6 3/4
Summer Freeboard 8.0 3/4
Indian Summer Freeboard 7.6 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 iron deck with side. +13/4

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
Fresh Water Line above centre of Disc 7
Indian Summer Line " " " 6
Winter Line below " " " 6
Winter North Atlantic Line " " " ✓

Winter Freeboard from deck line 8.8 1/2
Summer " " " 8.2 1/2
Indian Summer " " " 7.8 1/2
N. A. Winter " " " 8.2 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.

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *-* Bridge House? *yes* Forecastle? *-*

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 *Hinged steel watertight doors 5'0" x 2'0"*

Is the Poop or Raised Quarter Deck connected with the Bridge House? *No*

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? *No. (open bridge)*

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? *-*

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 deck casing*

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: *-*

Position and Size.											
Item.		Ship.		Rule.		Ship.		Rule.		Ship.	
COAMING.	Height above top of DECK	24"	24"	24"	24"	24"	24"				
	Thickness {	Sides.....	18 lbs	18 lbs	18 lbs	18 lbs	18 lbs	18 lbs			
		Ends.....	18 "	18 "	18 "	18 lbs	18 "	18 "			
SHIFTING BEAMS OR WEB PLATES.	Number	Hinged steel plate covers 15'5" lbs				Hinged steel plate covers 12'5" lbs					
	Section and Scantlings	Two transverse stiffers 5'3 1/2" x 13'6" tie bar				with 2 stiffeners 3'3 1/2" x 9'1" lbs (angles)					
	Material										
* FORE AND AFTERS.	Number	and long stiffers									
	Section and Scantlings	7 1/2" x 3' 18 lbs 30									
	Material	24" apart									
HATCHES Thickness											
Remarks.....		Hinged & secured with turnbuckles									

* The depth of Fore and Afters should be stated from the underside of the hatch cover.

(If the sill of the lowest side hatch is not equal to the depth of the hatch cover, the depth of the hatch cover should be stated.)

* 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. R.

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.

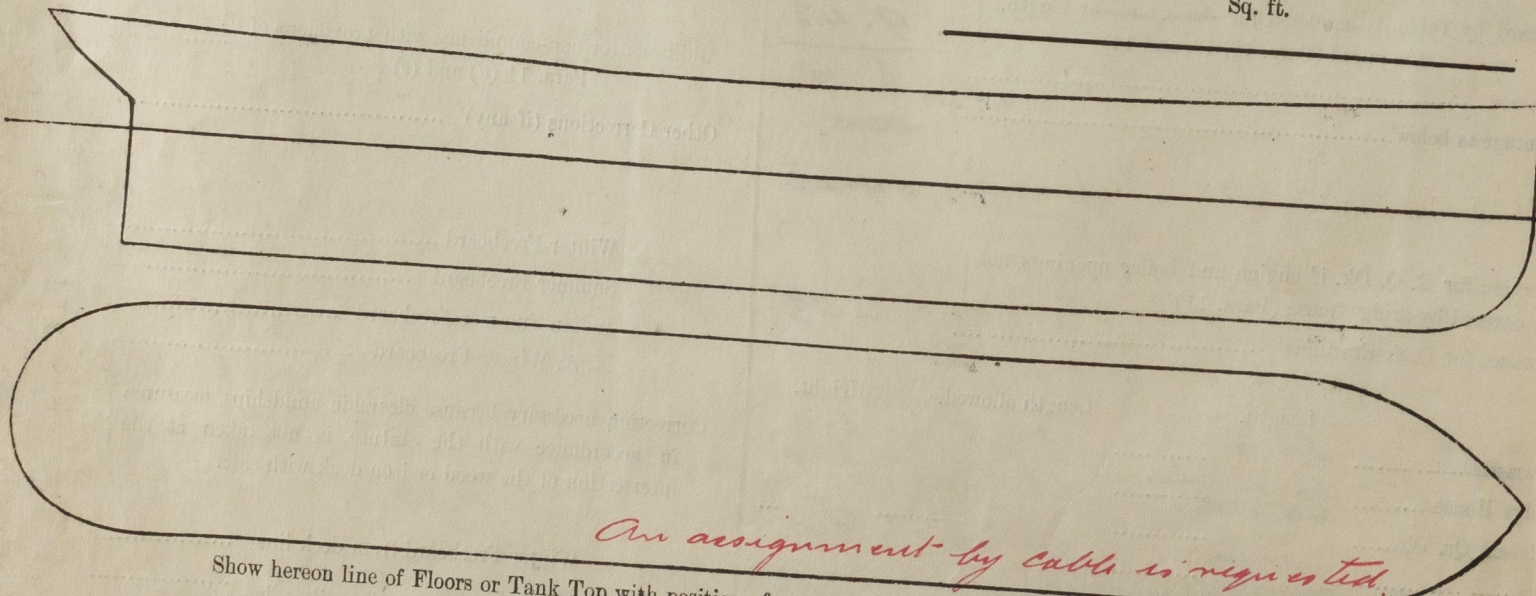
Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel

Ft. Tenths. Ft. Tenths. No. = Sq. ft.

x x } 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 *Built in accordance with approved plans*

The bridge house has not been closed in with bulkheads as proposed in P. No. 2954. A provisional assignment for this vessel, fitted with an open

has been made (P. No. 2954) & assignment letter Nov. 20, 1916.

Owners *New York Shipbuilding Corporation*

Address *Camden N.J.*

Fee *\$50 will be charged* Received by me *with first entry report.*

Displacement & tons per hour *scale herewith*

W. R. R. Admiral

25/2/19