

(Under the Provisions of the U. S. A. Load Line Act of March 2, 1929)

Name of Surveyor. *W. G. House*

SUPERSTRUCTURES.

<u>Shux forward</u>		
-	1	-
-	4	-
2.5	2	5.0
33.0	4	132.0
121.12	1	121.12
		<u>258.12</u>

Standard Sheer forward

-	1	-
6.62	4	26.48
26.5	2	53.00
59.62	4	238.48
106.0	1	106.00
		<hr/> 423.96

SHEER.

No shear for 173 feet amidship

If excess sheer forward and deficient sheer aft:—

$$\frac{\text{Actual sheer aft}}{\text{Standard sheer aft}}$$

$$\frac{\text{Actual sheer forward}}{\text{Standard sheer forward}} = \frac{258.12}{423.96} = 60.88\%$$

\therefore allow 60.88% of open F_x

Length of enclosed superstructure

L

Forward of amidships = ✓

Aft of amidships = ✓

DRAFTS.

F. W. ALLOWANCE

Displacement = 15710

Tons per inch = 53.0

$$\frac{15710}{40 \times 53.0} = 7.41$$

TABULAR FREEBOARD (corrected for flush deck if required) =

Corrected for Coefficient $\frac{-812 + .68}{1.36} =$

Correction for Depth	...	...	...
"	Superstructures	...	...
"	Sheer	...	...
"	Camber	...	...
"	Thickness of deck	...	...
"	Scantlings, etc.	...	...

lush deck if required)=	69.90
=	76.68

+	-
13.89 ✓	-
-	15.27 ✓
5.12 ✓	-
-	.11
-	-
-	- ✓
19.01 ✓	15.38
	+ 3.63 ✓

Summer Freeboard = 80.31

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

Tropical Fresh Water Line above centre of Disc

Fresh Water Line

Tropical Line

Winter Line

Winter North

$\therefore 13\frac{3}{4}$
 $\therefore 7\frac{1}{4}$

... 6 1/2
... 6 3/4 ✓
... 11 1/2

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Note:—The Rules referred to below are the Load Line Regulations of the United States Department of Commerce.
(These should be consulted when completing the report.)

Is the poop or raised quarter deck connected with the bridge? No ✓
Has the poop or raised quarter deck an efficient steel bulkhead at the fore end? Yes ✓
Give particulars of the means of closing the openings in this bulkhead (Rules 43 and 44) 2 Bolted Plates Bolts 12" apart ✓
Has the bridge an efficient steel bulkhead at the fore end? Yes ✓
Give particulars of the means of closing the openings in this bulkhead 2 Hinged steel W.T. doors ✓
Has the bridge an efficient steel bulkhead at the after end? Yes ✓
Give particulars of the means of closing the openings in this bulkhead Storm Boards to full height of openings in keelson channel ✓
Has the forecastle an efficient steel bulkhead at the after end? No; Open ✓
Give particulars of the means of closing the openings in this bulkhead ✓
Are the engine and boiler openings covered by a bridge, poop, raised quarter-deck, or enclosed by a strong steel deckhouse? Covered by poops ✓
If the openings are not so protected, are the exposed parts of the casing efficiently constructed? ✓
Give thickness of plating, scantlings and spacing of stiffeners ✓
Are Rules Nos. 19, 20, 21 and 22 complied with (where applicable)? Yes ✓

Particulars of bulkheads of erections:

	Poop or Raised Quarter-Deck bulkhead	Bridge front bulkhead	Bridge after bulkhead	Forecastle bulkhead
Thickness of bulkhead plating	<u>3/8" coaming 7/16"</u>	<u>.46 - coaming .50</u>	<u>.38 coaming 7/16"</u>	
Scantlings of stiffeners	<u>10 x 3 1/2 x 3 1/2 x 28" channel</u>	<u>10 x 3 1/2 x 3 1/2 x 28" channel</u>	<u>6" x 3 Built angle</u>	
Spacing of stiffeners, and if bracketed	<u>#3" Bracketed</u>	<u>#3" Bracketed</u>	<u>#3" Bracketed</u>	<u>Open</u>
Height of sills of openings above deck	<u>22"</u>	<u>22 1/2"</u>	<u>21"</u>	

Particulars of weather deck hatchways. (In case of complete superstructure vessels having tonnage openings, give, in addition, particulars of 2nd deck hatchways, and also of those in bridge spaces closed by Class 2 appliances, or in open bridges).

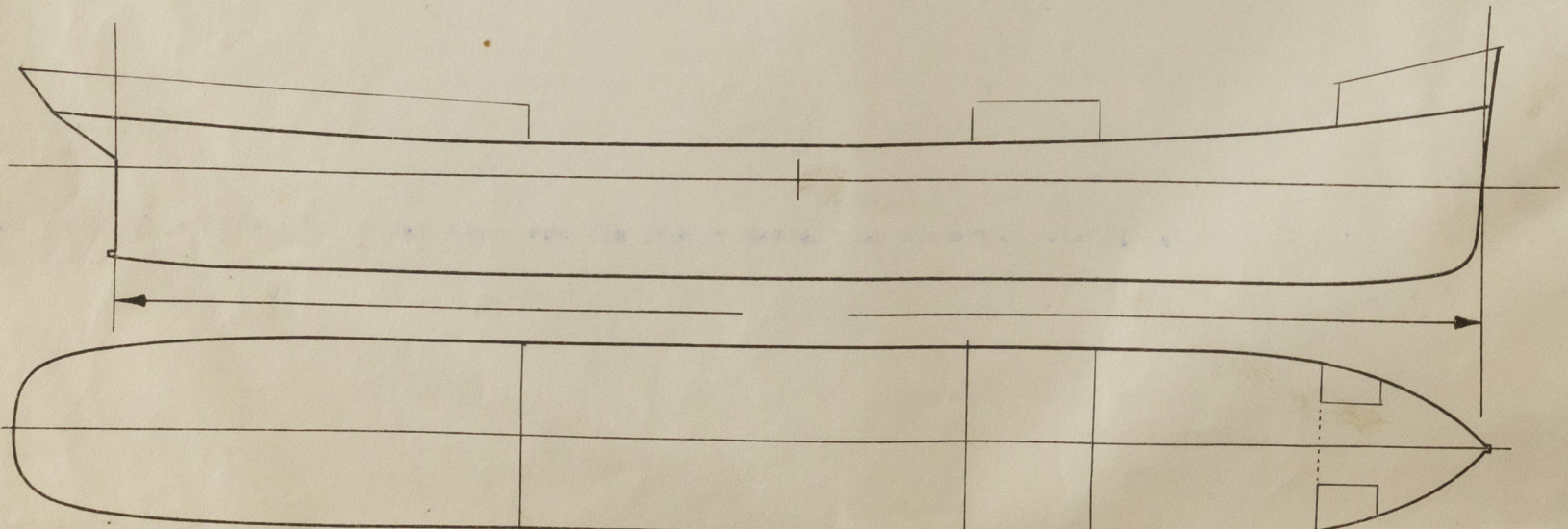
Position and Size.	No. 1 - 8'0" x 15'3"		180 T. Hatchways		10 - OT. Hatchways		Bunkie Hatch on Poop			
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	<u>30"</u>		<u>8" x 3 1/2" x 1 1/2"</u>		<u>30"</u>		<u>30"</u>			
Thickness										
Sides.....	<u>.44</u>		<u>Angle</u>		<u>.44"</u>		<u>.44"</u>			
Ends.....	<u>.48</u>		<u>coaming</u>		<u>.44"</u>		<u>.44"</u>			
SHIFTING BEAMS OR WEB PLATES.										
Number.....										
Section and Scantlings.....										
Material.....										
* FORE AND AFTERS.										
Number.....							<u>5</u>			
Section and Scantlings.....							<u>9 x .31</u>			
Material.....							<u>3 x 5 x 3 1/2"</u>			
							<u>Steel</u>			
HATCHES Thickness.....	<u>Steel Hinged</u>		<u>.38 steel corner</u>		<u>.38 steel corner</u>		<u>3"</u>			
Remarks.....	<u>corner</u>		<u>2-2 1/2 x 2 1/2 x 3/4</u>		<u>2-2 1/2 x 2 1/2 x 3/4</u>					
			<u>stiffeners</u>		<u>Angle stiffeners</u>					

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

Are Rules 12, 13, 14, 15, 16, 17, 18 complied with as far as practicable? Yes ✓
Are hatchway coamings stiffened in accordance with Rule 9? Yes ✓
Length of bulwarks in wells—forward: _____ feet; aft: _____ feet.
Area of freeing ports required by regulations (Rules 30 and 100) forward: _____ sq. ft.; aft: _____ sq. ft.
No. Ft. x Ft.
Particulars of freeing ports fitted { forward well } Open Rails = For sq. ft. 50% ✓
on each side of vessel { after well } Open Rails = For sq. ft. 60% ✓
Are Rules 23 and 24 complied with as far as practicable? Yes ✓
Are air pipes to tanks in accordance with Rule 25? Yes ✓
Are all scuppers and sanitary discharge pipes in accordance with Rule 27? Yes ✓

In oil tankers, what is the extent of the fore and aft gangway? all fore + aft ✓
Is the gangway strong and efficiently braced fore and aft? Yes ✓
State spacing of supports 9 feet. 6" Bracketed top + bottom ✓
In oil tankers, are the bulwarks open for at least half the length of the exposed portion of the weather deck? (Rule 100) Yes ✓
Are Rules Nos. 95, 97, 98 and 99 complied with as far as practicable? Yes ✓

If the vessel has a complete superstructure deck with a tonnage opening, is the latter fitted with efficient temporary covers? Yes ✓



Indicate thickness and extent of any deck covering, and extent of erections, with dimensions, showing overhang (if any).
Indicate position of scuppers from tonnage-exempted spaces above freeboard deck.

Sister vessels: "Eugene V. R. Thayer"

Similar: "Wm. Boyce Thompson" "J. Fletcher Lawrence"

Fee: \$ 100.00

Expenses (if any):

(Signed) L. F. Lous
Surveyor to Lloyd's Register of Shipping.

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Foundation