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24455

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.-STEAM SHIPS.

ARTICLES RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR 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 A. W. M. Crab

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
<u>EVER SHELL</u>	<u>Wilmington U.S.</u>	<u>✓</u>	<u>✓</u>	<u>1915</u>	<u>100 A.1. "Carrying Petroleum in bulk" (Class contemplated)</u>

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
<u>412.0</u>	<u>53.32</u>	<u>29.58</u>	<u>5069</u>
<u>412.0</u>	<u>53.22</u>	<u>30.29</u>	<u>5099</u>

Moulded Depth as measured..... 31' 0"
 NOTE. - If the depth is measured when vessel is afloat, the details of measurement should be reported.
2 1/4" from base line to bottom of ship.
measured by U.S. Customs to a 30' floor line in oil spaces.

Frame Depth 8 1/2 Ceiling + 20 Peak
 Rule " 6 Sheer + 51 Tanks
42
 + Spanning + 32
76
7950
768
783

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>412.00</u>
Length in Table	<u>372.00</u>
Difference	<u>40.00</u>
Correction for 10ft., Table A.	<u>1.6</u> Table C. <u>8</u>
× Difference divided by 10	<u>6.4</u> (if required.) <u>3.2</u>
If 1/10ths length covered divide by 2	<u>+ 6 1/2</u> <u>+ 3 1/4</u>

102. }
 46 } 147 ÷ 2 = 73.5 Mean
 the length from { Stem 53.5
 Sternpost 23.0 } 76.5 ÷ 2 = 38.25 Mean
 Sheer 69.54 55 = 69.54
 Mean Sheer [Table, Para. 18] 51.72 Correction .58
 Difference..... 18.42 4 = 4.60
 as Para. 18 (f)..... - 4 1/2

CORRECTION FOR IRON DECK.
 Proportion covered, if less than 1/10ths length covered 4308
 Thickness of usual wood deck, less stringer - 1 1/2

At front of bridge house..... ✓
 At after end of forecastle ✓
 Sheer } ÷ 2 =
 (d) }
 covered Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>52.0</u>
Round of Beam	<u>13</u>
Normal round.....	<u>13</u>
Difference	<u>✓ ÷ 2 =</u>
Proportion of Deck uncovered (Para. 19)	<u>✓</u>

ALLOWANCE FOR DECK ERECTIONS :-

Table C.....	<u>4 - 9.50</u>
for Length, if required (Para. 12, 13, and 14)	<u>3.20</u>
by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>5 - 0.40</u>
as below.....	<u>8 - 0.82</u>
	<u>3 - 0.12</u>
	<u>27.16</u>
	<u>9.85</u>
	<u>9.99</u>
	<u>9.81</u>

Freeboard, Table A	<u>7 - 11.0</u>
Correction for Sheer	<u>4.58</u> * <u>42</u>
Correction for Length	<u>7 - 6.42</u> * <u>6 1/2</u>
Allowance for Deck Erections	<u>6.4</u> * <u>6 1/2</u>
Correction for Round of Beam.....	<u>8 - 0.82</u> * <u>8 - 1 1/4</u>
Correction for fall in Sheer (if any).....	<u>9.81</u> * <u>10</u>
Correction for Iron Deck (if required)	<u>7 - 3.01</u> * <u>7 - 3 1/4</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Length.	Length allowed.	Height.
<u>40.00</u>	<u>40.00</u> ✓	<u>7.6</u>
<u>26.00</u> + <u>3.0</u> <u>away</u> <u>from</u>	<u>29.50</u> ✓	
<u>110.00</u>	<u>110.00</u> ✓	
Total	<u>179.50</u> ✓	
of Ship	<u>412.00</u> ✓	<u>4308</u>

Winter Freeboard	<u>7: 2 1/2</u>
Summer Freeboard	<u>6. 8 1/4</u>
Indian Summer Freeboard	<u>6. 3 1/4 2 1/2</u>
N. A. Winter Freeboard	<u>✓</u>
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.	<u>+ 1 1/4</u>
Winter Freeboard from deck line	<u>7: 4 3/4</u>
Summer " " "	<u>6: 7 1/2 9 1/4</u>
Indian Summer " " "	<u>6. 5. 4 1/4</u>
N. A. Winter " " "	

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

Fresh Water Line above centre of Disc	<u>6</u>
Indian Summer Line " " "	<u>5 1/2</u>
Winter Line below " " "	<u>5 1/2</u>
Winter North Atlantic Line " " "	<u>✓</u>

6: 9 1/2	6: 7 1/2 9 1/2
6	6
5 1/2	5 1/2
5 1/2	5 1/2

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.
 † 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 should be surveyed, and also the usual load draft forward and aft should be reported.

Longitudinal framing

Do all the Frames extend to the top height in the Poop?

To what height do the Reverse Frames extend?

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 *by stern boards full height fitted into channels riveted to bulkhead*

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 *by stern boards full height fitted into channels riveted to bulkhead*

What is the thickness of the Bridge Front plating? *4/2* and Coaming plate? *4/2*

Give scantlings and spacing of the Stiffeners *6 x 3 1/2 x 3 1/2 x 36 channels fitted horizontally & spaced 30"*

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? *by stern board full height fitted into channels riveted to bulkhead.*

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?

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:—)

Position and Size.	No. 11' 11" x 9' 11"									
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING	Height above top of DECK	31"			In fore well	14' oil hatchways.				
	Thickness	Sides	50			6'0" x 3'11"	9" bulb angle Coamings.			
		Ends	50							
SHIFTING BEAMS OR WEB PLATES	Number	Water tight								
	Section and Scantlings	Steel								
	Material	Cover								
* FORE AND AFTERS	Number	40 x								
	Section and Scantlings	efficiently stiffened.				In after well	14' oil hatchways.			
	Material					6'0" x 3'11"	9" bulb angle Coamings.			
HATCHES Thickness										
Remarks										

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.
 (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?*

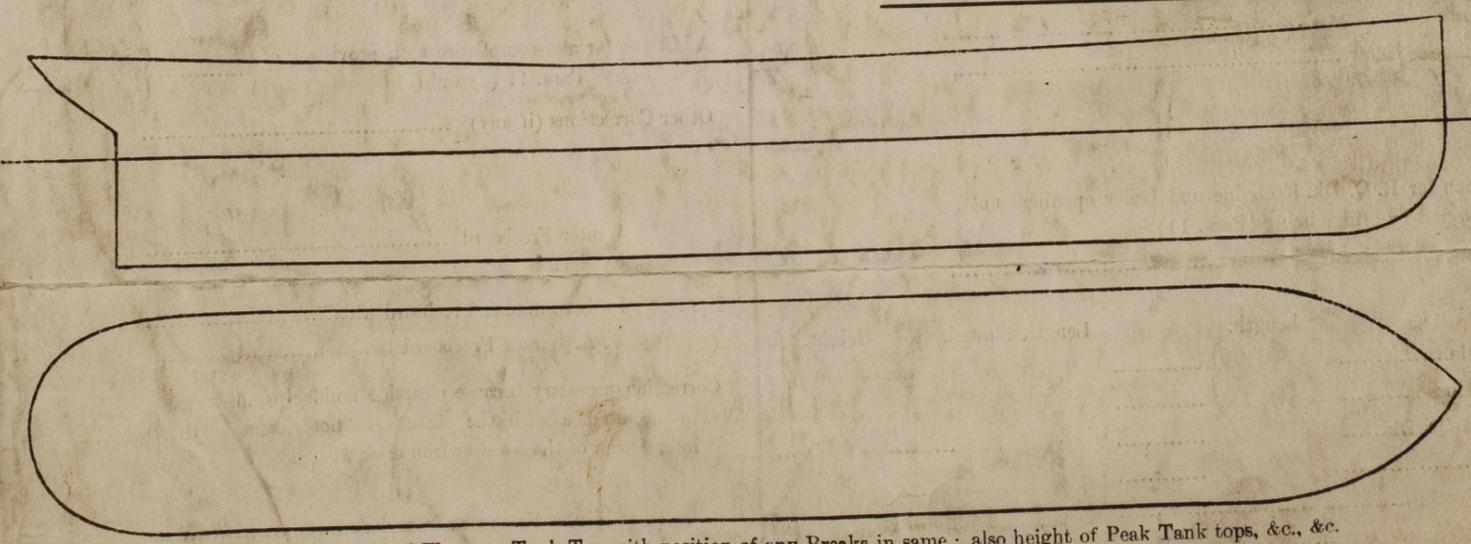
Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well _____ Sq. ft.

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.
	x		x		
	x		x		

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 *Copies of the approved plans are in the London Office. The Builders state that this vessel is similar to the s/s "Melania" built by Craig Taylor & Co in 1914 & is for the same owners. A freeboard request is also forwarded, the Builders have requested that particulars of freeboard for this vessel should be called here.*

Owners _____
 Address _____
 Fee £ _____

Received by me _____

