

THU. - 4. NOV. 1915

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

ARTS RELATING TO ALL STEAM SHIPS, EITHER FLUSH-DECKED, OR WITH  
 ANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR  
 GALLANT FORECASTLES, HAVING LONG POOPS, OR RAISED QUARTER DECKS  
 CONNECTED WITH <sup>THE</sup> BRIDGE HOUSES, OR OTHERWISE.

Port of Survey

Date of Survey \_\_\_\_\_

Name of Surveyor \_\_\_\_\_

Ship's Name.

LIVER SHELL

Ingworth's No 434.

Register Book

Port of Registry  
and Nationality.

24. 2. 18.

William  
H. P.

Official  
Number.

Gross  
Tonnage.

Date of Build.

### Particulars of Classification.

100 A.1. "Carrying Petroleum in bulk."  
(Class contemplated.)

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
412.0.	53.32.	29.58.	Measure to a
	Frame Depth <sup>mean</sup> 85	ceiling + 20	Peak
	Rule „ 6	Sheer + 51	Tanks
	- 42.		
	+ Spacing + 32.		
107.2			Deep floors ap. in E & B + 30
412.0.	53.22.	30.29.	5099.

Moulded Depth as measured..... 31' 0"

by U.S. Customs }  
from line in } 24' from base line  
oil spaces. } to bottom of ship.

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported

of fineness.....  $\cdot \overset{76}{7750} \cdot$   $\cdot 768 \checkmark$   
 ation necessary }  
 (a to (e)]\* }  
 s corrected .....  $\cdot 77 \cdot 76 \checkmark$   $77$   $783$

CORRECTION FOR LENGTH.			
Length of Ship on Loadline.....	412. 00 ✓		
Length in Table .....	<u>372. 00 ✓</u>		
Difference .....	40. 00 ✓		
Correction for 10ft., Table A. ....	1. 6 ✓	Table C.	8. ✓
× Difference divided by 10 .....	6. 4 ✓	(if required.)	3. 2. ✓
If $\frac{1}{10}$ ths length covered divide by 2	+ 6 $\frac{1}{2}$ . ✓		+ 3 $\frac{1}{4}$ . ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered .....	4308.
Thickness of usual wood deck, less stringer .....	- $\frac{1}{2}$

CORRECTION FOR ROUND OF BEAM.		NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.
Breadth at Gunwale amidships.....	52.0	
Round of Beam .....	13	
Normal round.....	13	
Difference .....	✓ ÷ 2 = .....	✓
Proportion of Deck uncovered (Para. 19) .....		✓

Freeboard, Table A .....	7- 11.0	7' 11 <sup>0</sup> / <sub>4</sub>
Correction for Sheer .....	4.58 ✖	4 <sup>2</sup> / <sub>4</sub>
	7- 6.42	7' 8 <sup>2</sup> / <sub>4</sub> 6 <sup>1</sup> / <sub>2</sub>
	6.4 ✖	6 <sup>2</sup> / <sub>4</sub>
Correction for Length .....	8- 0.82	8' 1 <sup>0</sup> / <sub>4</sub>
	9.81 ✖	10 <sup>0</sup> / <sub>4</sub>
Allowance for Deck Erections .....	4- 3.01	7' 8 <sup>0</sup> / <sub>4</sub>
Correction for Round of Beam.....✓		
Correction for fall in Sheer (if any).....✓		
✓ Correction for Iron Deck (if required) .....		1 <sup>0</sup> / <sub>2</sub>
		7' 8 <sup>0</sup> / <sub>4</sub> 1 <sup>0</sup> / <sub>2</sub>
✓ Additions for non-compliance with provisions of } Para. 11 (d) and (e) †		
Other Corrections (if any) .....		

✓ Winter Freeboard .....	1. 24 1/2
Summer Freeboard .....	6. 8 1/2
Indian Summer Freeboard .....	6. 3 1/4 2 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 ~~wood on~~ iron deck with side.  $+ 1\frac{3}{4}$  ✓

Winter Freeboard from deck line	7' 4 5/8
Summer " " " "	6' 7 3/4
Indian Summer " " " "	6' 5' 1/4
N. A. Winter " " " "	7' 1 1/2

Deck Line, <del>Wood</del> (Iron) Deck :—		6	4 1/2	6	10 1/2	12
...	...	6	4 1/2	6	10 1/2	12
...	...	6	4 1/2	6	10 1/2	12
...	...	5 1/2	4 1/2	5 1/2	10 1/2	12
...	...	5 1/2	4 1/2	5 1/2	10 1/2	12
...	...	5 1/2	4 1/2	5 1/2	10 1/2	12
...	...	✓	4 1/2	✓	10 1/2	12

n for R. Q. Dk. if engine and boiler openings not }  
 ered by bridge house (Para. 11) \* - 10  
 ce for Deck Erections .....

	Length.	Length allowed.	Height.
le.....	40.00	40.00 ✓	7.6
House.....	26.00 + 3.0 <i>avalof</i> <i>fund</i>	29.50 ✓	✓
Qr. Dk.....	110.00	110.00 ✓	•
Total.....		<u>179.50</u> ✓	✓
of Ship.....		412.00 ✓	4308.

ending percentage { 27.16 ✓  
N. 12, 13, or 14)

✓. 11. 15-	BOARD recommended	amidships from centre of Disc to top of Statutory			
		Fresh Water Line	above centre of Disc		
		Indian Summer Line	"	"	"
		Winter Line	below	"	"
		Winter North Atlantic Line	"	"	"

frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside ceiling should be reported if possible.

When the vessel is to be decked overboard under Para. 11 where the sheer drops abaft amidships 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 sheeked 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.

909527 Foundation



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?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?

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?

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?

Has the Forecastle an efficient 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?

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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
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										
Section and Scantlings										
Material										
* FORE AND AFTERS.										
Number	40				In after well	14" oil			hatchways.	
Section and Scantlings						6'0" x 3'11"			9" bulb angle	Coamings.
Material										
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?

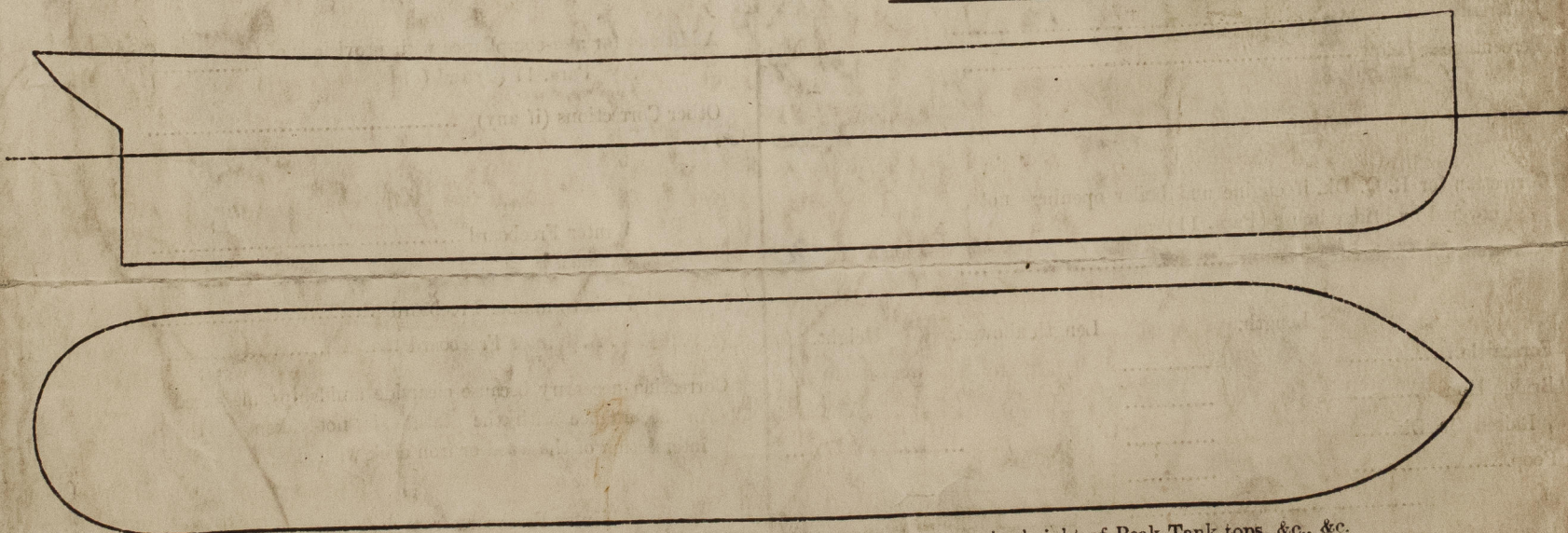
Delete the words { The Crew are, are not, berthed in the bridge house.  
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Owners

Address

Fee

Received by me

Lloyd's Register  
Foundation