

(Amended Report)

THU. OCT. 26. 1916

24784

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.-STEAM SHIPS.

N<sup>o</sup> 2437

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 White breeding  
Name of Surveyor Charles

Ship's Name. <u>S/S J.M. DANZIGER</u> (W. Cramp Sons & Co. H. 428)	Port of Registry and Nationality. <u>Los Angeles</u> USA	Official Number. <u>214311</u>	Gross Tonnage. <u>6487</u>	Date of Build. <u>1916</u>	Particulars of Classification. <u>1100A. Carrying Petroleum in bulk. - Longitudinal Framing.</u>
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH. <u>430' 0"</u>	BREADTH. <u>58' 2"</u>	DEPTH. <u>33' 3 1/2"</u>	UNDER DECK TONNAGE. <u>6386.87</u>
Length on LOADLINE.	<u>430</u>	Frame Depth $\frac{1}{4}$ Rule <u>58' 2"</u>	Ceiling $+20$ Sheer $+13$ Depth to floor line $30' 0"$	Peak Tanks <u>Included</u>
CORRECTED DIMENSIONS.	<u>430</u>	<u>58' 2 3/4"</u>	<u>30' 3 3/4"</u>	<u>6386.87</u>

Moulded Depth as measured..... 33' 4"  
 Draft marks are measured from a point 1.68 below Baseline  
 Buttstraps 70 thick are below this.

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.....	<u>430</u>	
Length in Table .....	<u>400</u>	
Difference .....	<u>30</u>	
Correction for 10ft., Table A. ....	<u>1.67</u>	Table C. <u>.8</u>
× Difference divided by 10 .....	<u>+5</u>	(if required.) <u>+2 1/2</u>
If 1/10ths length covered divide by 2		

Co-efficient of fineness..... .84  
 Any modification necessary [Para. 4 (a) to (e)]\*  
 Co-efficient as corrected ..... .82 (highest in tables)

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ..... .591  
 Thickness of usual wood deck, less stringer ..... 4.64 - 3.36  
1.28

Sheer { Stem..... 7' 5"  
 at { Sternpost 2' 8 3/4" }  $10 \cdot \frac{13}{4} \div 2 = 60.87$  ... Mean 57.73  
 Sheer at 1/2 of the length from { Stem 4' 1 1/2"  
 Sternpost 1' 2" }  $15.32 \div 2 = 31.75$  ... Mean 31.75  
 Gradual mean Sheer ..... 31.75  
 Standard mean Sheer [Table, Para. 18] ..... 31.8 Correction  
 Difference..... .05  $\div 4 =$  ✓  
 § If limited as Para. 18 (f)..... ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....  
 Round of Beam ..... 14 1/2" in 58 ft.  
 Normal round.....  
 Difference .....  $\div 2 =$  ✓  
 Proportion of Deck uncovered (Para. 19) .....

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

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

Fall in Sheer {  $1 1/2 \div 2 = 3/4$   
 Para. 18 (d) }  $11.75 \div 2 = 5.875$   
 Length uncovered ..... 2.15  
 Correction Say + 1/4

Freeboard, Table A .....	<u>9' 2 1/4"</u>
Correction for Sheer .....	<u>✓</u>
Correction for Length .....	<u>+ 5"</u>
Allowance for Deck Erections .....	<u>9' 7 1/4"</u>
Correction for Round of Beam.....	<u>- 1' 0 1/4"</u>
Correction for fall in Sheer (if any).....	<u>8' 6 7/8"</u>
Correction for Iron Deck (if required) .....	<u>- 2"</u>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	<u>8' 5 1/4"</u>
Other Corrections (if any) .....	<u>✓</u>

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<u>5' 10 1/4"</u>
Correction for Length, if required (Para. 12, 13, and 14) .....	<u>+ 2 1/2"</u>
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>9' 7 1/4"</u>
Difference .....	<u>3' 6 1/2"</u>
Percentage as below.....	<u>28.85%</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>12 1/4"</u>

Winter Freeboard .....	<u>8' 5 1/4"</u>
Summer Freeboard .....	<u>7' 11 1/4"</u>
Indian Summer Freeboard .....	<u>7' 5 1/4"</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 3/4"</u>

	Length.	Length allowed.	Height.
Forecastle.....	<u>49' 25"</u>	<u>49' 25"</u>	<u>8' 0"</u>
Bridge House.....	<u>26' 0"</u>	<u>18' 00"</u>	<u>3' 0"</u>
↑ Raised Q. Dk.....	<u>20' 00"</u>	<u>20' 00"</u>	<u>3' 0"</u>
Poop.....	<u>103' 25"</u>	<u>103' 25"</u>	<u>8' 0"</u>
Total	<u>195' 64"</u>	<u>195' 64"</u>	<u>455' ✓</u>
Length of Ship .....	<u>430</u>		
Corresponding percentage (Para. 11, 12, 13, and 14)			<u>= 28.85%</u>

Winter Freeboard from deck line .....	<u>8' 6 7/8"</u>
Summer " " " .....	<u>8' 0 1/4"</u>
Indian Summer " " " .....	<u>7' 6 7/8"</u>
N. A. Winter " " " .....	<u>8' 0 1/4"</u>
Wood (Iron) Deck	<u>8' 1"</u>
For clearing board	<u>6 1/2"</u>
See letter and computation in book	<u>6"</u>
from the chesthead	<u>6"</u>

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line,  
 Fresh Water Line above centre of Disc  
 Indian Summer Line " " "  
 Winter Line below  
 Winter North Atlantic Line " " "

† 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? *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 *Closed*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *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*  
 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 Iron or Wood Bulk'd. at after end? *Yes at*  
 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:— *Yes*

Position and Size.	Fore Hatch 8' x 15' 5"		10' Poop Hatch 5' x 6'		Summit Hatch 6'0" x 6' 5" pro		Coal Hatch on Poop 5' x 14'		Ship.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING. Height above top of DECK	24	24	42	24	24	24	18	18	
Thickness	Sides.....		6 x 3 1/2 x 40 angle		.38	.38	.44	.44	
	Ends.....	.44	on Trunk 42 sides 40 top						
SHIFTING BEAMS OR WEB PLATES.	Number .....	None	None		None		None		
	Section and Scantlings .....								
	Material .....								
* FORE AND AFTERS.	Number .....	None	None		None		None		
	Section and Scantlings .....								
	Material .....								
HATCHES Thickness .....	all steel covers suitably stiffened								
Remarks.....	<i>✓</i>								

\* 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.

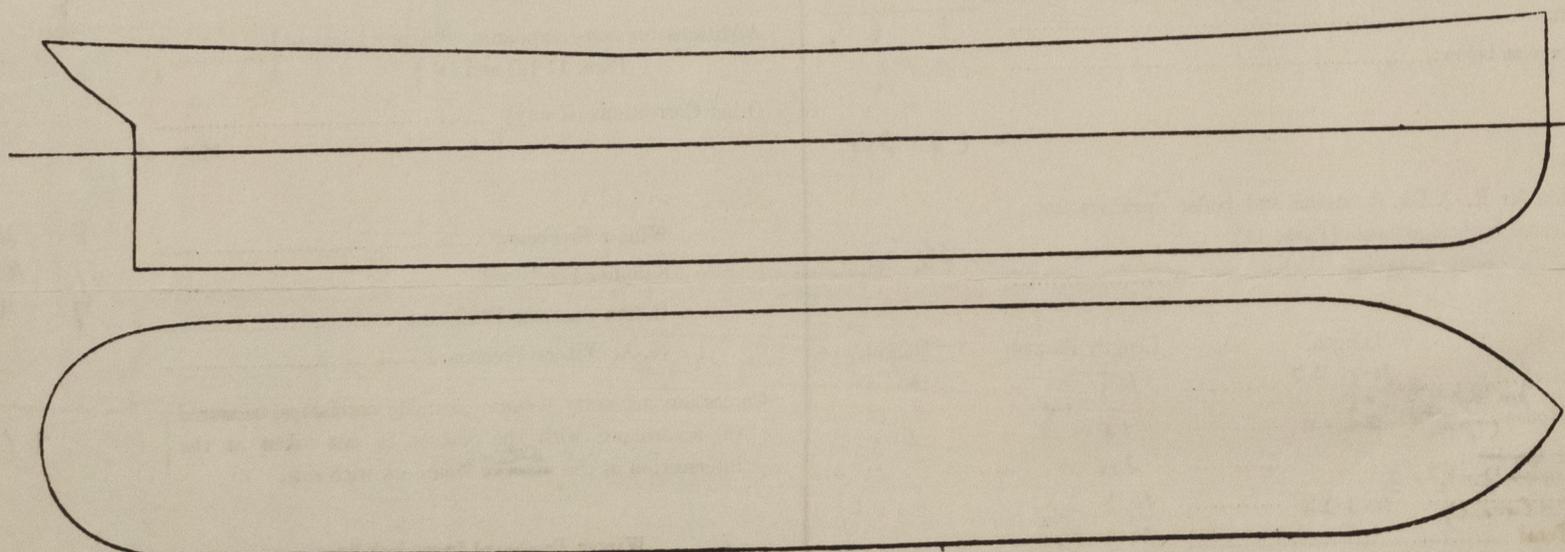
What is the thickness of the Bridge Sheerstrake? \_\_\_\_\_ Strake between Main and Bridge Sheerstrakes? \_\_\_\_\_

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 *This vessel is similar to the same Builders who which were provisionally assigned a freeboard of 7.105 (with Corr. 78) per Sec 11 10 Feb 1916. The Dept N-2336. Approved plans are in London office. Sec 11 17 Aug 1916 approved freeboard of 7.10 to ungr on which this was based has been found to be incorrect. Owners Builders - W Cramp Sons S. & W B.*

Address *Philadelphia*

Fee £ \_\_\_\_\_ Received by me \_\_\_\_\_

Octavio Harber  
 Lloyd's Register  
 13 October 1916  
 Foundation