

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

No 2419. 24784 WED. 16 AUG. 1916

ARTICULARS 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 Charles

Ship's Name. DANZIGER (Whampoa M 428) Port of Registry and Nationality. Los Angeles U.S.A. Official Number. Gross Tonnage. 6487. Date of Build. 1916. Particulars of Classification. +100 A1. Carrying Petroleum bulk. Longitudinal framing.

Table with 5 columns: LENGTH, BREADTH, DEPTH, UNDER DECK TONNAGE, and other details. Includes values like 430-0, 58-2, 33-3, 5784-19.

Moulded Depth as measured 33-4. Draft marks are measured from a point 1-68 below Baseline. Buttraps 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 430. Length in Table 400. Difference 30. Correction for 10ft., Table A. 1-67. Table C. .8. x Difference divided by 10 4-5. (if required.) +2-1/2. If 1/10ths length covered divide by 2.

CORRECTION FOR IRON DECK. Proportion covered, if less than 1/10ths length covered 5-91. Thickness of usual wood deck, less stringer 4-64 = 3-36 -2.

CORRECTION FOR ROUND OF BEAM. Breadth at Gunwale amidships 14-1/2. Round of Beam 14-1/2. Normal round. Difference / 2 = . Proportion of Deck uncovered (Para. 19).

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

Freeboard, Table A 8-10 3/4. Correction for Sheer. Correction for Length +5. Allowance for Deck Erections 9-33 3/4. Correction for Round of Beam 8-44 1/4. Correction for fall in Sheer (if any) +4. Correction for Iron Deck (if required) -2. Additions for non-compliance with provisions of Para. 11 (d) and (e). Other Corrections (if any).

Winter Freeboard 8-2 1/2. Summer Freeboard 7-8 1/2. Indian Summer Freeboard 7-2 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 of iron deck with side. +13 1/4.

Winter Freeboard from deck line 8-4 3/4. Summer " " " 7-10 3/4. Indian Summer " " " 7-4 3/4. N. A. Winter " " " 7-10.

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.

Efficient of fineness 76. Any modification necessary [Para. 4 (a) to (e)]\*. Efficient as corrected 76.

Mean Sheer at Stem 5-7. Mean Sheer at Sternpost 2-8 3/4. Mean Sheer at 1/2 of the length from Stem 4-1 1/2. Mean Sheer at 1/2 of the length from Sternpost 1-2. Gradual mean Sheer 31-75. Standard mean Sheer [Table, Para. 18] 31-8. Difference .05 / 4 = . Correction. If limited as Para. 18 (f).

Rise in Sheer from amidships. At front of bridge house. At after end of forecastle.

Fall in Sheer. Para. 18 (d). Length uncovered 114-75 = 52 x 3/4. Correction + 1/4.

ALLOWANCE FOR DECK ERECTIONS :- Freeboard, Table C. 5-9 3/4. Correction for Length, if required (Para. 12, 13, and 14) +2 1/2. Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) 9-33 3/4. Difference 3-4. Percentage as below 28-85 1/2. 11-54.

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

Table with 3 columns: Length, Length allowed, Height. Rows include Forecastle, Bridge House, Raised Quarter Deck, Poop, Total, and Length of Ship.

Corresponding percentage Para. 11, 12, 13, or 14) 28-85 1/2.

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck :- Fresh Water Line above centre of Disc. Indian Summer Line. Winter Line below. Winter North Atlantic Line.

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

Do all the Frames extend to the top height in the Poop? *yes* Raised Quarter Deck? *yes* Bridge House? *yes* Forecastle? *yes*  
 To what height do the Reverse Frames extend? *Longitudinal Bracing*  
 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-gullant rail? *yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *yes except at the*  
 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.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
Item.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING.	Height above top of DECK	24		24.		42.		24		24		24.		18		18.	
	Thickness {	Sides.....	} . 44	} . 44	6x3 1/2 x 40 angle		} . 38	} . 38	} . 44		} . 44	} . 44	} . 44	} . 44			
		Ends.....			on frame 1/40 top												
SHIFTING BEAMS OR WEB PLATES.	Number .....	None		None		None		None		None		None		None		None	
	Section and Scantlings .....	None		None		None		None		None		None		None		None	
	Material .....	None		None		None		None		None		None		None		None	
* FORE AND AFTERS.	Number .....	None		None		None		None		None		None		None		None	
	Section and Scantlings .....	None		None		None		None		None		None		None		None	
	Material .....	None		None		None		None		None		None		None		None	
HATCHES Thickness .....		all steel covers suitably stiffened.															
Remarks.....		✓															

\* 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? \_\_\_\_\_

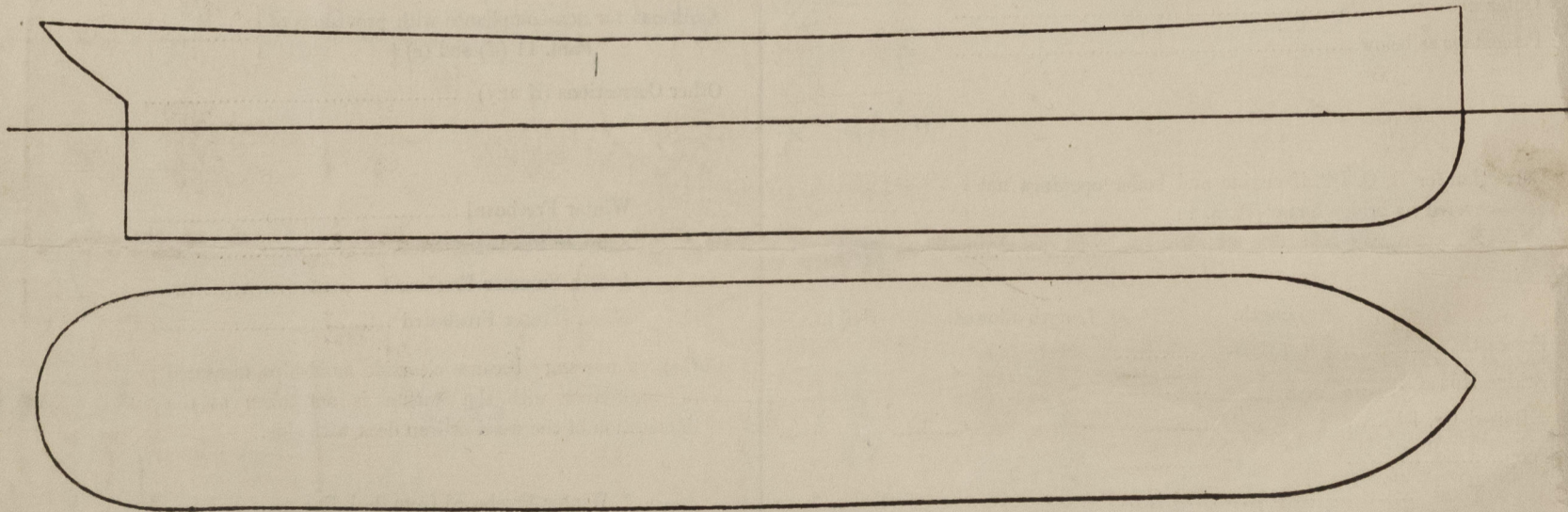
Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well \_\_\_\_\_

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*  
*has 431-2 which were provisionally assigned a freeboard of 7.10 1/2 ft. See Ltr 10 Feb 16*  
*Ref No 2336. Approved plans of this vessel are in London office. Request is enclosed*  
*It is requested that freeboards approved be transmitted by cable*  
*Builders. W. Cramp & Sons 5 & 6 Bldg.*

Address \_\_\_\_\_

PHILADELPHIA.

Fee £ \_\_\_\_\_

Received by me \_\_\_\_\_

*Octavius Harbeck*  
*4 Aug 1916*

Lloyd's Register  
 Foundation