

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Particulars relating to all steam ships either flush decked, or with fore-castles, short poops and bridge houses disconnected, or with top gallant fore-castles having long poops, or raised quarter decks connected with bridge houses, or otherwise.

Port of Survey Portland, Oregon  
Date of Survey While building  
Name of Surveyor Walker Lane

Ship's Name. PARITANS Port of Registry and Nationality. Portland, Oregon. Official Number. 218798 Gross Tonnage. 6187 Date of Build. 1919 Particulars of Classification. \*100 A.1. contemplated

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
409.8	54.2	27.7 Depth to Tank 27.61	5138.92
410.45	53.70	28.51	5138.92

Frame Depth 9  
Rule " 6  
Ceiling .20  
Sheer .53  
4" drop in tank = .17

124 } 175.5 ÷ 2 = 87.75 Mean  
51.5 }  
the length from { Stem 62.5 } 77.25 ÷ 2 = 38.625 Mean  
Sternpost 14.75 }  
in Sheer Allowed 70.22  
in Sheer [Table, Para. 18] 51.04 Correction  
Difference 19.18 ÷ 4 = - 4 3/4  
as Para. 18 (f)

At front of bridge house  
At after end of forecastle

5 3/8" ÷ 2 = 2 11/16"  
Covered by Bridge  
Point of Sheer 58'9" Aft Amidships

ALLOWANCE FOR DECK ERECTIONS :—  
Table C. 4'6 1/2"  
or Length, if required (Para. 12, 13, and 14) + 3 3/4"  
by Table A, corrected for sheer, and for length, 4'10 1/4"  
if required (Para. 12, 13, and 14) 8'0"  
below 5'1 1/2"  
32%  
- 12"

or R. Q. Dk. if engine and boiler openings not  
by bridge house (Para. 11)  
or Deck Erections

Length.	Length allowed.	Height.
46'6"	46.5	8'6"
114'9"	114.75	8'6"
43'9"	43.75	8'6"
	205.0 = .50	
	410.45	

ing percentage  
12, 13, or 14  
32%

DARD 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 " " "

Moulded Depth as measured..... 30'2 3/8"  
Addition for Keel below base line for draught record. 2.04 inches.

CORRECTION FOR LENGTH.  
Length of Ship on Loadline..... 410.45  
Length in Table ..... 362.37  
Difference ..... 48.08  
Correction for 10ft., Table A. .... 1.5 Table C. .80  
× Difference divided by 10 ..... 7.20 (if required.) 3.84  
If 1/10ths length covered divide by 2 + 7 1/2 + 3 3/4

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered ..... .50  
Thickness of usual wood deck, less stringer ..... 3 1/2" - 1 1/2"

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships..... 54'0"  
Round of Beam ..... 13 1/2  
Normal round..... 13 1/2  
Difference ..... ÷ 2 =  
Proportion of Deck uncovered (Para. 19) ✓

Freeboard, Table A ..... 7'9 1/2"  
Correction for Sheer ..... - 4 3/4"  
Correction for Length ..... + 7 1/2"  
Allowance for Deck Erections ..... 8'0"  
Correction for Round of Beam..... - 1'0"  
Correction for fall in Sheer (if any)..... 7'0"  
Correction for Iron Deck (if required) ..... - 1 3/4"  
Additions for non-compliance with provisions of }  
Para. 11 (d) and (e) }  
Other Corrections (if any) ✓

Winter Freeboard ..... 6'10 1/4"  
Summer Freeboard ..... 5 1/2 ..... 6'5"  
Indian Summer Freeboard ..... 5'11 3/4"  
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. + 1 3/4"

Winter Freeboard from deck line ..... 7'0"  
Summer " " " " ..... 6'6 3/4"  
Indian Summer " " " " ..... 6'1 1/2"  
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. + 1 3/4"

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.

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

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? Channel Frames except in Peaks In Fore Peak to Upper and Fore Decks alternately  
 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 Steel Hinged W.T. Doors 5'0" x 2'0" - 20" Coamings.  
 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 Steel Hinged W.T. Doors 4'0" x 3'0" - 20" Coamings.  
 What is the thickness of the Bridge Front plating? .40" and Coaming plate? .44"  
 Give scantlings and spacing of the Stiffeners 8" x 3.5" x 26.5 lb. Channels spaced 30" apart.  
 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? Steel Hinged W.T. Doors 3'0" x 4'0" - 20" Coaming.  
 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~~ Quarters Deck, or enclosed by a Strong Iron or Steel Bulkhead? 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. 1 29'3"x17'0"		No. 2 31'6"x17'0"		No. 3 15'9"x17'0"		No. 4 29'3"x17'0"		No. 5 27'0"x17'0"	
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	36"	36"								
	Thickness { Sides	.50"	.50"	Same as No. 1		Same as No. 1.		Same as No. 1		Same as No. 1.	
	Thickness { Ends	.50"	.50"								
SHUTTING BEAMS OR WEB PLATES.	Number	5	5	5	5	3	3	5	5	5	5
	Section and Scantlings	PLATE 16x36" was fitted		Same as No. 1		Same as No. 1		Same as No. 1		Same as No. 1	
	Material	Steel 4 Angles 4x3x9.8 lbs.									
* FORE AND AFTERS.	Number										
	Section and Scantlings	None		None		None		None		None	
	Material										
HATCHES Thickness		3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Remarks		Good		Good		Good		Good		Good	

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

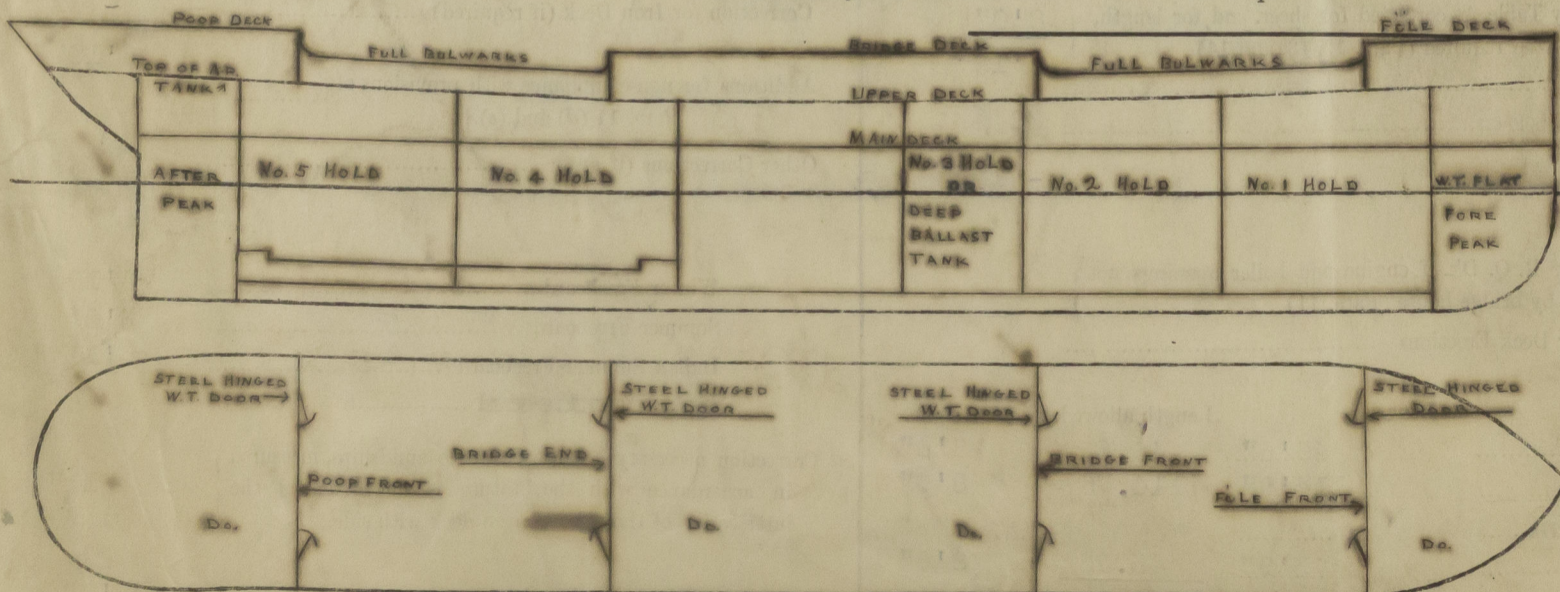
Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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	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 Sister ship of the S. S. "WEST CHESWALD" built by the same Firm.

Owners Emergency Fleet Corporation

Address \_\_\_\_\_

Fee \$50.00

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