

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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 *New York*
Date of Survey *January 7th 1921*
Name of Surveyor *John Mac Lachlan*

Handwritten: 28406
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Ship's Name "WALTER JENNINGS" <i>Federal S.R. Co.</i>	Port of Registry and Nationality <i>Baltimore, U.S.A.</i>	Official Number <i>221083</i>	Gross Tonnage <i>10805.18</i>	Date of Build. <i>1921</i>	Particulars of Classification <i>+100 A-1. Shelter deck with freeboard Carrying petroleum in bulk.</i>
Number in Register Book <i>Hull #</i>					

Registered Length from Register.	LENGTH. <i>499.2</i>	BREADTH. <i>68.1</i>	DEPTH. <i>30.55</i> <i>38.55</i>	UNDER DECK TONNAGE. <i>8171.85</i>
Length on LOADLINE.	<i>500'</i>	Frame Depth <i>95</i>	Ceiling <i>+20</i>	F.P. Peak <i>71.20</i> B.P. Tanks <i>41.50</i>
Corrected Dimensions.	<i>500</i>	Rule <i>8.0</i>	Sheer <i>-11</i>	<i>2413.92</i> <i>+88.64</i>

Moulded Depth as measured.....	<i>38-10 1/2</i> ✓
<i>Rule deck less str.</i>	<i>- 3 1/4</i> ✓
Addition for Keel below base line for draught record.....inches.	<i>38-7 1/2</i> ✓

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.....	<i>500</i> ✓	
Length in Table	<i>463.25</i> ✓	<i>38-10</i>
Difference	<i>36.75</i> ✓	<i>1-3</i>
Correction for 10ft., Table A.	<i>1.7</i> Table C.	<i>40-1</i>
× Difference divided by 10	<i>6.25</i> (if required.)	<i>1-5</i>
If 1/10ths length covered divide by 2	<i>+6 1/4</i> ✓	<i>38-8</i>

Efficient of fineness..... *.81* ✓
 Any modification necessary [Para. 4 (a) to (e)]* ✓
 Efficient as corrected *.81* ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	
Thickness of usual wood deck, less stringer	<i>Allowed in reduced M.D.</i> ✓

Sheer at Stem..... *10-3 1/2*
 at Sternpost... *4-10*
 $15-1/2 \div 2 = 7-6 1/4$... Mean
 Sheer at 1/4 of the length from Stem *3-6 1/2*
 Sternpost... *8 3/4*
 $5-3/4 \div 2 = 3-6 1/4$... Mean
 Gradual mean Sheer *Plotted 56.06* ✓
 Standard mean Sheer [Table, Para. 18] *60.00*
 Difference..... *3.94* $\div 4 = +.98$ ✓
 If limited as Para. 18 (f) *+1"* ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<i>66-5 1/2</i>	
Round of Beam	<i>15"</i>	
Normal round.....	<i>16.61</i> ✓	
Difference	<i>1.61</i> $\div 2 = .80$	
Proportion of Deck uncovered (Para. 19)	<i>+3/4</i> ✓	

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 ✓

Freeboard, Table A	<i>11-3 1/4</i> ✓
Correction for Sheer	<i>+1</i> ✓
Correction for Length	<i>11-4 1/4</i> ✓
Allowance for Deck Erections	<i>+6 1/4</i> ✓
Correction for Round of Beam.....	<i>11-10 1/2</i> ✓
Correction for fall in Sheer (if any).....	
Correction for Iron Deck (if required).....	<i>allowed in M.D.</i> ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any)	

Fall in Sheer { $\div 2 =$
 Para. 18 (d) {
 Length uncovered ✓ Correction

Winter Freeboard	<i>11-11 1/4</i> ✓
Summer Freeboard	<i>11-4 1/4</i> ✓
Indian Summer Freeboard	<i>10-9 1/4</i> ✓
N. A. Winter Freeboard	✓
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.	<i>+1 1/2</i> ✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	
Difference	
Percentage as below.....	
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	
Allowance for Deck Erections	
Length. Length allowed. Height.	
Forecastle.....	
Bridge House	
Raised Qr. Dk.....	
Poop.....	
Total	
Length of Ship	
Corresponding percentage (Para. 11, 12, 13, or 14)	

Winter Freeboard from deck line	<i>12-0 3/4</i> ✓
Summer " " " "	<i>11-5 3/4</i> ✓
Indian Summer " " " "	<i>10-10 1/4</i> ✓
N. A. Winter " " " "	
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.	<i>+1 1/2</i> ✓

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 " " " "	

† 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 the stem 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 stern-post. 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.

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Superior ports,

Do all the Frames extend to the top height in the Poop? Raised Quarter Deck? Bridge House? Forecastle?

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?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

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?

How are the openings closed? *As above*

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? *enclosed in strong steel house*

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 *Coamings 7/16. plating 5/16. Stiffeners L 6x3 1/2 x 40 spaced 24"*

What is the height of the exposed Casings? *7'-6"* Are suitable means provided for closing all openings in them in bad weather? *yes*

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.		18'-0" x 16'-0"		22@ 6'-0" x 4'-0"		18@ 6'-0" x 3'-9"						
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	
COAMING.	Height above top of DECK	24" ✓		30"		30						
	Thickness	Sides.....	7/16		.44		.44					
		Ends.....	7/16 ✓		.44		.44					
SHIFTING BEAMS OR WEB PLATES.	Number	3										
	Section and Scantlings	14' x 7/16 ✓				Steel plate	Corr 7/16 thick					
	Material	7/16-3 x 3 1/2 x 7/16 L ✓				Secured by turnbuckles	spaced 18"					
* FORE AND AFTERS.	Number											
	Section and Scantlings											
	Material											
HATCHES	Thickness	3"										
	Remarks.....	<i>Lead fore and aft</i>										

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

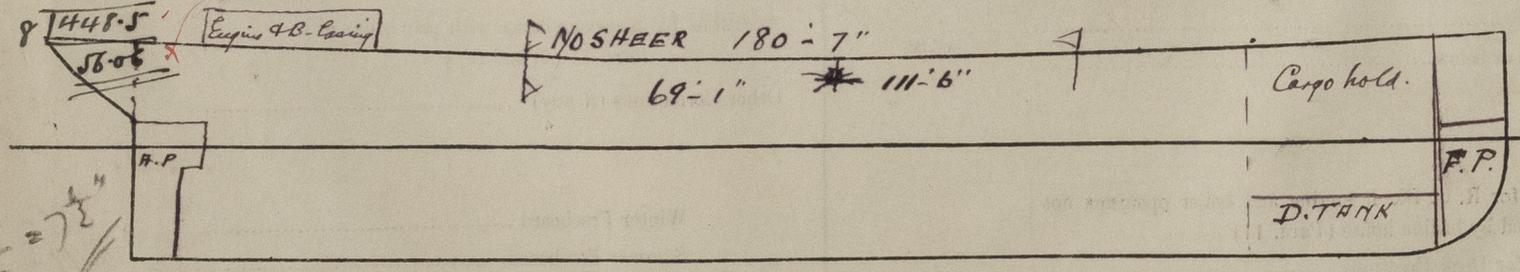
(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

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.

123.5	123.5		Length of Bulwarks in well	✓					
42.5	4	170.0	Area of Freeing Ports required by Para. 11 (e) each side of vessel	=	✓	Sq. ft.			
2.0	2	4.0	Ft. Tenths.						
0.0	4								
0.0	2			x	x		Freeing Ports	=	✓
0.0	4			x	x		(each side of vessel)	=	✓
5.0	2	10.0							
20.75	4	83.0	Total deficiency or excess	=	✓	Sq. ft.			
58.0		58.0							



21530
40 x 70.8 = 7 1/2

21550
40 x 70.8 = 7 1/2

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 *There is no tonnage opening on the shelter deck and no scupper, sidelight or other openings through the vessels sides to affect the position of the load line*

Owners *Standard Oil Coy of New Jersey*

Address

Fee £

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