

DISCLOSED SECTION

MON 13 JUN 1921

Index No. 30016

(For London Office only.)

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 *April 25th 1921*
Name of Surveyor *John M. Jackson*

BT. COPY WRITTEN
Federal S. B. Corp Hull #8

T/S/S

Ship's Name "E. T. BEDFORD"	Port of Registry and Nationality. BAYONNE, N.J. U. S. A.	Official Number. 10396	Gross Tonnage. 1921	Date of Build. 1921	Particulars of Classification. + 100 A.1 Shelter deck with freeboard Carrying oil in Bulk and fitted for oil fuel
---------------------------------------	--	----------------------------------	-------------------------------	-------------------------------	---

Registered dimensions from Ship's Register. 499.2	LENGTH.	BREADTH. 68.1	DEPTH. 30.55 38.55	UNDER DECK TONNAGE. 7648.58
Length on LOADLINE. 500		Frame Depth 9.5	Ceiling + 20 no	Peak 71.20
		Rule 8	Sheer - .11	Tanks 41.50
		1.5		2413.92
		2 x 1.5 = - .25		2413.92
		no sparring + .33		2413.92
CORRECTED DIMENSIONS. 500-0		68.18	38.64	10157.14

Moulded Depth as measured..... **38-10 1/4**
 Addition for Keel below base line for draught record..... inches. **3 1/4**
38-7

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..... **500**
 Length in Table **463**
 Difference **37**
 Correction for 10ft., Table A. **1.7** Table C.
 x Difference divided by 10 **6.29** (if required.)
 If 1/10ths length covered divide by 2 **+ 6 1/4** ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered
 Thickness of usual wood deck, less stringer **allowed in Reduced. In Depth**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **66.6 1/2**
 Round of Beam **15"**
 Normal round..... **16.61**
 Difference **1.61 ÷ 2 = .80**
 Proportion of Deck uncovered (Para. 19) **+ 3/4**

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

Co-efficient of fineness..... **.77**
 Any modification necessary }
 [Para. 4 (a) to (e)]* }
 Co-efficient as corrected **.77** ✓

Sheer { Stem..... **10-3 1/2**
 at { Sternpost ... **4 10** } **15-1 1/2 ÷ 2 = 7-6 1/4**... Mean
 Sheer at 1/3 of the length from { Stem **3-6 1/2**
 Sternpost **1-8 1/2** } **5-3 1/4 ÷ 2 = 31.62**... Mean
 Gradual mean Sheer **56.06**
 Standard mean Sheer [Table, Para. 18] **60.0** Correction
 Difference..... **3.94 ÷ 4 = +.98**
 § If limited as Para. 18 (f) **+ 1** ✓

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

Fall in Sheer { Para. 18 (d) } ÷ 2 =
 Length uncovered Correction

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) }			

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 " " " " ...

Freeboard, Table A **11-0 1/4** ✓
 Correction for Sheer **1** ✓
 Correction for Length **+ 6 1/4** ✓
 Allowance for Deck Erections **11-7 1/2** ✓
 Correction for Round of Beam..... **+ 3/4** ✓
 Correction for fall in Sheer (if any)..... **11-8 1/4** ✓
 Correction for Iron Deck (if required)
 Additions for non-compliance with provisions of }
 Para. 11 (d) and (e) † }
 Other Corrections (if any)

Winter Freeboard **11-8 1/4** ✓
 Summer Freeboard **7** ✓
 Indian Summer Freeboard **11-1 1/4** ✓
 N. A. Winter Freeboard **10-6 1/4** ✓
 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 1/2**

Winter Freeboard from deck line **11-9 3/4** ✓
 Summer " " " " **11-2 3/4** ✓
 Indian Summer " " " " **10-7 3/4** ✓
 N. A. Winter ~~Shelter deck~~ " " " " **11-2 1/2** ✓
 (Iron) Deck :- **- 7 1/2** ✓

⊙ 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.

† 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.

Do all the Frames extend to the top height in the Poop? Longitudinal framing 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?

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 a 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 6 x 3 1/2 x .40 spaced 24" apart

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

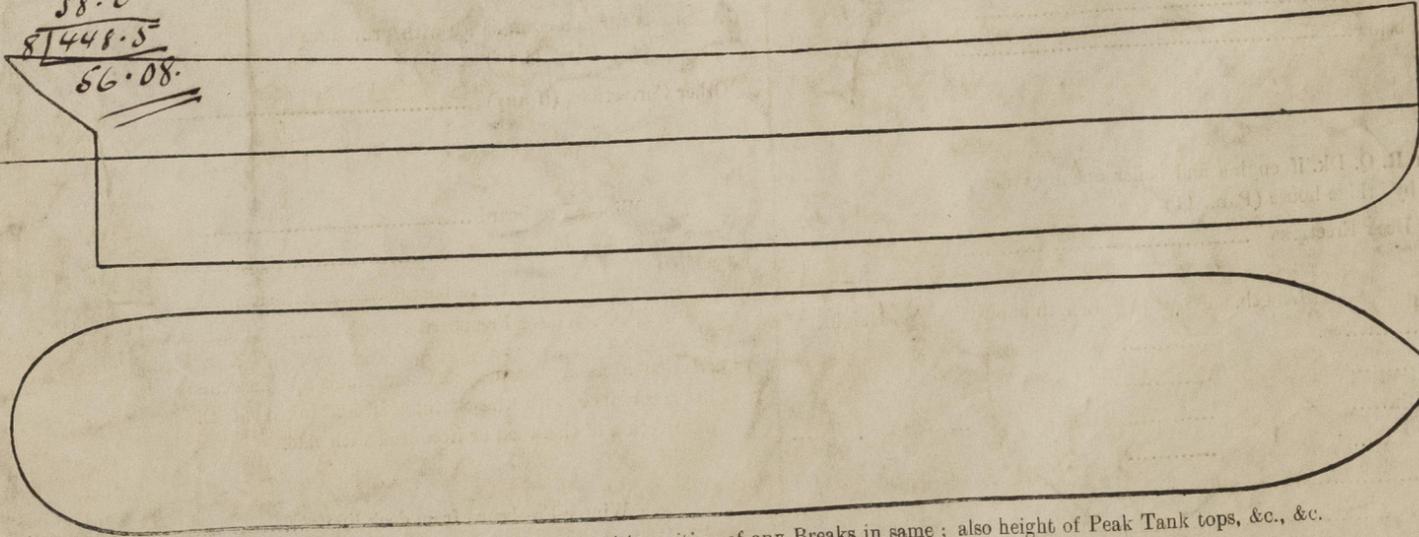
Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:— yes

Position and Size.	18' x 16'		22 @ 6.0" x 4.0"		18 @ 6.0" x 3.9"		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	7 1/2" plate 14 x 7/16								
	Material	1/2" 3 x 3 1/2 x 7/16								
* FORE AND AFTERS	Number									
	Section and Scantlings									
	Material									
HATCHES Thickness	3"									
Remarks	fitted fore and aft									

* 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?

123.5	123.5	Delete the words that do not apply	The Crew are, are not, berthed in the bridge house.
42.5	4	170.0	The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.
2.0	2	4.0	
0.0	4	✓	
0.0	2	✓	
0.0	4	✓	
5.0	2	10.0	
20.75	4	83.0	
58.0	1	58.0	
		81448.5	
		56.08	

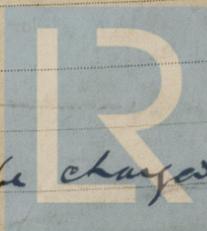


Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel There are no tonnage openings on the Shelter deck
And no scuppers, sidelights or other openings through vessel side to affect the position of the load line disc

Owners Standard Oil Coy of New Jersey
 Address 26 Broadway New York City

Fee £ 130.00 Received by me will be charges



© 2021 Lloyd's Register Foundation