

THU. NOV. 18 1920

## SURVEYS FOR FREEBOARD.—STEAM SHIPS

Port of Survey *Hull*  
Date of Survey *17<sup>th</sup> November 1920*  
Name of Surveyor *Arthur Scullard.*

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.....	120.0	
Length in Table .....	120.0	
Difference .....		
Correction for 10ft., Table A. ....		
× Difference divided by 10 .....		
If $\frac{6}{10}$ ths length covered divide by 2		

Table C.  
(if required.)

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{16}$ ths length covered .....	·413
Thickness of usual wood deck, less stringer .....	$2\frac{1}{2} = -1''$

CORRECTION FOR ROUND OF BEAM.		
Breadth at Gunwale amidships.....	23'-0"	round shown ed at the
Round of Beam .....	6"	
Normal round.....	5 <sup>3</sup> / <sub>4</sub>	
Difference .....	25 ÷ 2 = .....	125
Proportion of Deck uncovered (Para. 19) .....		587

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

Winter Freeboard .....	1' - 0"	✓
Summer Freeboard ..... 1 1/2	0 - 10 1/2	✓
Indian Summer Freeboard .....		✓
N. A. Winter Freeboard .....		✓

Winter Freeboard from deck line .....	1'-1" ✓
Summer " " " " .....	0 - 11 1/2 ✓
<del>Indian Summer</del> " " " " .....	✓
N. A. Winter " " " " .....	✓

Winter Freeboard from deck line	1'-1"	✓
Summer " " " "	0 - 11 1/2	✓
<del>Indian Summer</del> " " " "	✓	
<del>N. A. Winter</del> " " " "	✓	
(Iron) Deck :—	0 - 11 1/2	✓
...	2	✓
...	1 1/2	✓

Fresh Water Line	above	centre of Disc
Italian Summer Line	"	"
Winter Line	below	"
Winter North Atlantic Line	"	"

frames, gun planking, or selling the gunnua  
could be reported if possible.

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? *2 decks* Yes Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *None*  
 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 *Yes*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *Yes* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Yes*  
 What is the thickness of the Bridge Front plating? *Yes* and Coaming plate? *Yes*  
 Give scantlings and spacing of the Stiffeners *Yes*  
 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? *Yes*  
 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 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? *Yes*  
 Give thickness of plating; scantlings and spacing of Stiffeners *Coaming .30, plating .24 Stiffeners 2 1/2 x 2 1/2 x .25, spaced about 32"*  
 What is the height of the exposed Casings? *6'-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.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
Height above top of DECK	13" above Expansion Trunk									
COAMING										
Thickness	Sides 3/8"									
	Ends 3/8"									
SHIFTING BEAMS OR WEB PLATES										
Number										
Section and Scantlings										
Material										
* FORT AND BARS										
Number										
Section and Scantlings										
Material										
Thickness	Plate covers 3/8" thick									
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?*

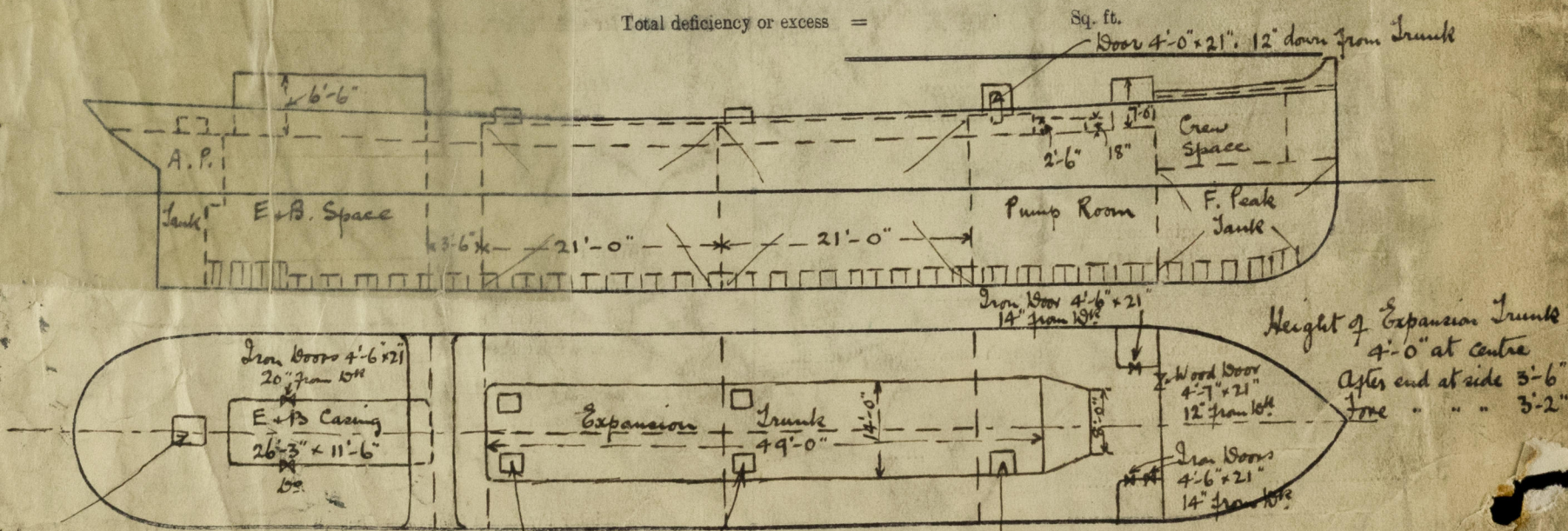
Delete the words { The Crew are, are not, berthed in the bridge house.  
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft.	Tenths.	No.	Freeing Ports (each side of vessel)	Sq. ft.
	x	x		
	x	x		

Total deficiency or excess = Sq. ft.



Show hereon-line of Floors on 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 report refers to Messrs. H. Scar Ltd of Newcastle*  
*S.S. "Invertest" No. 283, sister vessel to the S.S. "Invertyne" No. 259.*

The approved plans of which are forwarded for reference

Owners *British Mexican Petroleum Co*

Address *21 Bury St. London. E.C. 3*

Fee £ *1 : 0* received by me