

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 SurveySUNDERLAND.

Date of SurveyAug 5th 1922

Name of SurveyorW. P. Collins

Ship's Name J. L. Thompsons 549.	Port of Registry and Nationality. British	Official Number.	Gross Tonnage. -	Date of Build. 1922.	Particulars of Classification. 7100 A1, carrying Petroleum in bulk (Contemplated)
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Plans.	405.0	54.83	32.87	5540
Length on LOADLINE.	404.25	Frame Depth 9' 6 1/2" Rule 2 1/2" x 2 = - .42" no spanning + .33"	Ceiling + .20" No Sheer + .70"	Peak } Incl Tanks } + other 513 spaces + 60 tons
CORRECTED DIMENSIONS.	404.25	54.74	33.77	5600

Moulded Depth as measured..... 33'-0"

Addition for Keel below base line for draught record..... 2 1/2" inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

Co-efficient of fineness..... .75

Any modification necessary { + .01 Long type filer for shallow angle [Para. 4 (a) to (e)]*

Co-efficient as corrected76

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 404.25

Length in Table 396.00

Difference 8.25

Correction for 10ft., Table A. 1.6 Table C. .8

x Difference divided by 10 1.32 (if required.) .66

If 10ths length covered divide by 2 + 1 1/4" + 3/4"

Sheer { Stem..... 102' } 152.5 ÷ 2 = 76.25...Mean at { Sternpost ... 50.5 }

Sheer at 1/3 of the length from { Stem 56 } 83.5 ÷ 2 = 41.75...Mean { Sternpost 27.5 } + 55% = 75.90

Gradual mean Sheer 75.90

Standard mean Sheer [Table, Para. 18] 50.43 Correction

Difference..... 25.47 ÷ 4 = 6.37

§ If limited as Para. 18 (f) -6 1/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered471

Thickness of usual wood deck, less stringer 4" x 7 1/2" = 3 1/4"

3.25 x .471 = -1 1/2"

Rise in Sheer { At front of bridge house..... ✓ from amidships { At after end of forecastle ✓ [Para. 18 (e)] }

Fall in Sheer { Para. 18 (d) } nul ÷ 2 =

Length uncovered Correction ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 54.0 13 1/2

Round of Beam 13 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.

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 5'-7 1/2"

Correction for Length, if required (Para. 12, 13, and 14) + 3/4"

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 8'-4"

Difference 2'-7 3/4"

Percentage as below..... 29.97

29.97 x 31.75 = 9.51 100

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓

Allowance for Deck Erections -9 1/2"

Freeboard, Table A 8'-9"

Correction for Sheer -6 1/4"

Correction for Length + 1 1/4"

Allowance for Deck Erections -9 1/2"

Correction for Round of Beam..... 7'-6 1/2"

Correction for fall in Sheer (if any)..... -

Correction for Iron Deck (if required) -1 1/2"

Additions for non-compliance with provisions of { Para. 11 (d) and (e) } ✓

Other Corrections (if any) ✓

7'-5"

	Length.	Length allowed.	Height.
Forecastle.....	52.75	52.75	8'-0"
Bridge House.....	32.83 + 11' overhang each end	33.98	8'-0"
† Raised Q. Dk.....			
Poop.....	104.0	104.00	8'-0"
Total		190.73	471
Length of Ship		404.25	
Corresponding percentage { (Para. 11, 12, 13, or 14) } 29.97%			

Winter Freeboard 7'-5"

Summer Freeboard (6) 6'-11"

Indian Summer Freeboard 6'-5"

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. } + 1 3/4"

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	" " "

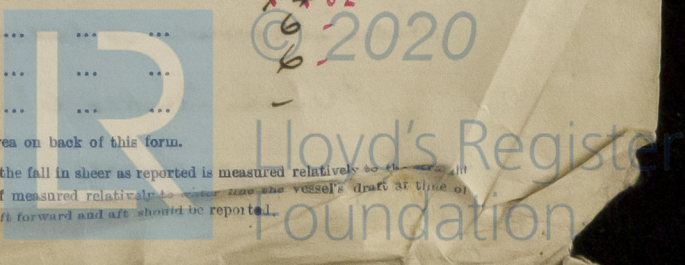
† If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

† In vessels having 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.

† 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 line of keel or to the water line. If measured relatively to the 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? *Long framing* Raised Quarter Deck? *yes* Bridge House? *Long framing* Forecastle? *Long framing*

To what height do the Reverse Frames extend? *Long framing*

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 *weather boards full height in riveted channels*

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 *one opening closed with mechanic w'd doors, hinged, 5'-0" x 2'-6"*

What is the thickness of the Bridge Front plating? *.46* and Coaming plate? *.46*

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? *centre line opening with weather boards full height in riveted channels, 2 wing openings to alleyways with hinged mechanic w'd doors.*

Is the Forecastle at least as high as the main or top-gallant rail? *yes* Has the Forecastle an efficient Iron ~~wood~~ Bulk'd. at after end? *yes*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *covered by a poop.*

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 *Poop front plating & coaming .46, stiffeners 10"x3 1/2"x54 @ 33" apart. Bracketed top & bottom.*

What is the height of the exposed Casings? *yes* 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.		No. 1 - 9'-0" x 12'-0"									
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	30"	30								
	Sides	.44	.44								
	Ends	.44	.44								
SHIFTING BEAMS OR WEB PLATES.	Number	one	one								
	Section and Scantlings	10"x30"	10"x30"								
	Material	3"x3"x40" steel	3"x3"x40" steel								
* FORE AND AFTERS.	Number										
	Section and Scantlings	nil									
	Material										
HATCHES Thickness		2 1/2	2 1/2								
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? *yes* Strake between Main and Bridge Sheerstrakes? *yes*

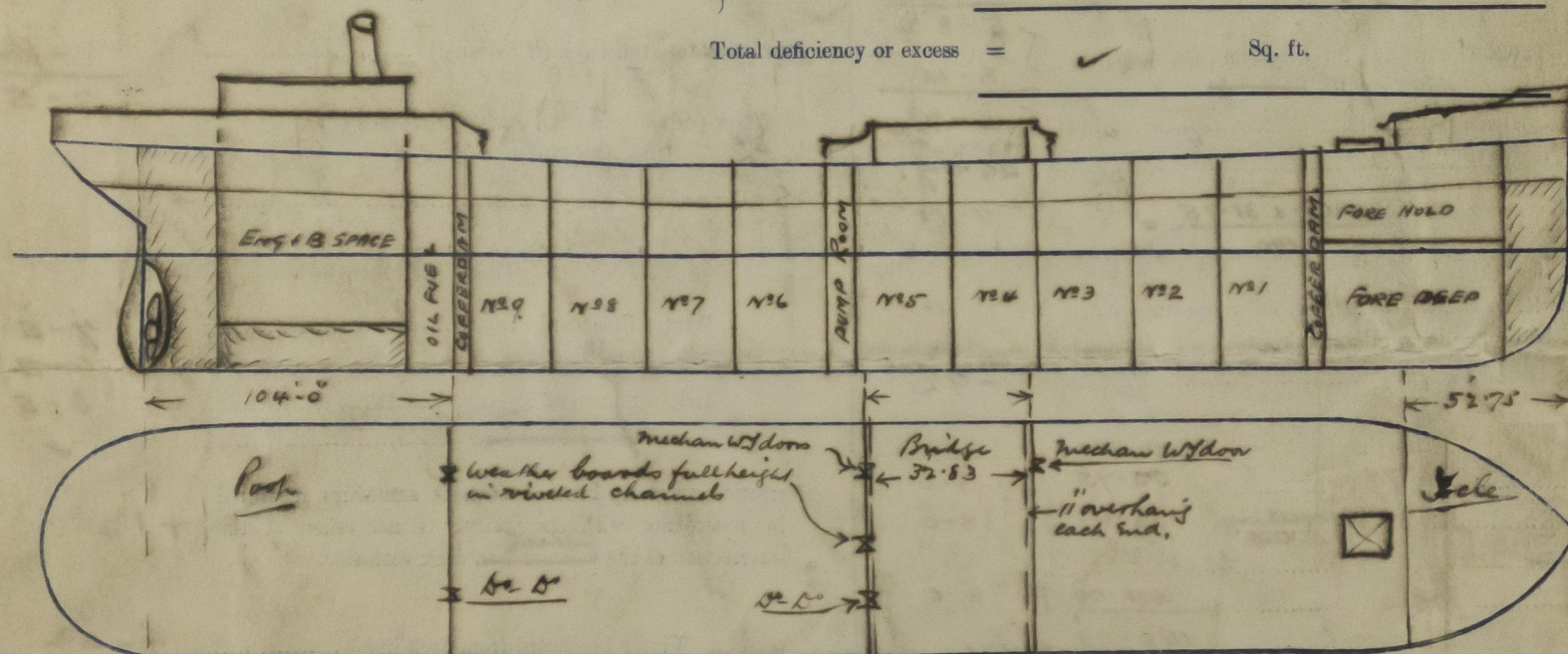
Delete the words { The Crew are, are not, berthed in the bridge house. *yes*
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Ft. Tenth. Ft. Tenth. No. } Freeing Ports (each side of vessel) = *yes* Sq. ft.

Total deficiency or excess = *yes* 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 is an Oil vessel and to be constructed in the accordance with the approved plans, Copies of which are in the London office.*

Request form is herewith attached

Owners *British Tanker Co. Ltd.*

Address *London.*

Can be charged on completion *Received by me* *See R/L*



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