

14 JUL 1927

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 Newcastle-on-Tyne
Date of Survey 9 July 1927
Name of Surveyor A. G. Atwater

Ship's Name. S.S. Oilsniffer Port of Registry and Nationality. 1498/2 Gross Tonnage. 1927 Date of Build. 1927 Particulars of Classification. +100 A1 Carrying petroleum in bulk longitudinal framing (Class contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>410.0</u>	<u>53.5</u>	<u>30.9</u>	<u>5186.08</u>
Length on LOADLINE.	<u>409.5</u>	Frame Depth <u>94</u> No Ceiling <u>+20</u> Peak } <u>included</u> Rule <u>6</u> Sheer <u>+79</u> Tanks } <u>included</u> <u>2 x 3/4</u> <u>10 x 3/4</u> <u>+7.33</u>		<u>5263.08</u>
CORRECTED DIMENSIONS.	<u>409.5</u>	<u>53.5729</u>	<u>31.99</u>	<u>5263.08</u>

Moulded Depth as measured 31.1
Addition for Keel below base line for draught record.....inches.

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.....	<u>409.5</u>
Length in Table	<u>373</u>
Difference	<u>36.5</u>
Correction for 10ft., Table A.	<u>1.6</u> Table C. <u>.8</u>
Difference divided by 10	<u>5.84</u> (if required.) <u>2.92</u>
If 1/10ths length covered divide by 2	<u>+6</u> <u>+3</u>

CORRECTION FOR IRON DECK.	
Proportion covered, if less than 1/10ths length covered	<u>.41</u>
Thickness of usual wood deck, less stringer	<u>3 1/2</u> <u>-1 1/2</u>

CORRECTION FOR ROUND OF BEAM.	
Breadth at Gunwale amidships.....	<u>51.68</u>
Round of Beam	<u>12 1/2</u>
Normal round.....	<u>12.92</u>
Difference	<u>.42</u> <u>÷ 2 = .21</u>
Proportion of Deck uncovered (Para. 19)	<u>.583</u> <u>.112</u> <u>mil</u>

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

Co-efficient of fineness......7587
Any modification necessary } +0.01 for bottom length
[Para. 4 (a) to (e)]* } 5071 x 100 = 5071
Co-efficient as corrected765.77
79.54
5096
36128.38
79.36
28.44
÷ 4 = 7.11
§ If limited as Para. 18 (f)-7"

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

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

ALLOWANCE FOR DECK ERECTIONS:—	
Freeboard, Table C.....	<u>4-10 1/4</u>
Correction for Length, if required (Para. 12, 13, and 14)	<u>+3</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>7-11 1/4</u>
Difference	<u>2-9 3/4</u>
Percentage as below.....	<u>26.192</u> <u>8.8490</u>

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 9.834
Allowance for Deck Erections

Length.	Length allowed.	Height.
Forecastle..... <u>39.0</u>	<u>39.0</u>	<u>7.5</u>
Bridge House	<u>26.0</u>	<u>7.5</u>
† Raised Qr. Dk..... <u>106.0</u>	<u>106.0</u>	<u>7.5</u>
Poop.....	<u>171.0</u>	
Total	<u>409.5</u>	<u>417</u>

Length of Ship
Corresponding percentage { 26.192
(Para. 12, 13, or 14) }

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—
Fresh Water Line above centre of Disc ...
Indian Summer Line " " " ...
Winter Line below " " " ...
Winter North Atlantic Line " " " ...

Freeboard, Table A	<u>8-0 1/4</u>
Correction for Sheer	<u>-2</u>
Correction for Length	<u>7-5 1/4</u>
Allowance for Deck Erections	<u>+6</u>
Correction for Round of Beam.....	<u>7-11 1/4</u>
Correction for fall in Sheer (if any).....	<u>-8 3/4</u>
Correction for Steel Deck (if required)	<u>7-2 1/4</u>
Additions for non-compliance with provisions of } Para. 11 (d) and (e) †	<u>7-2 1/4</u>
Other Corrections (if any)	<u>7-0 3/4</u>

Winter Freeboard
Summer Freeboard
Indian Summer Freeboard
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 steel deck with side. +1 3/4

Winter Freeboard from deck line
Summer " " "
Indian Summer " " "
N. A. Winter " " "

† 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 vessel 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 sternpost.

† 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.

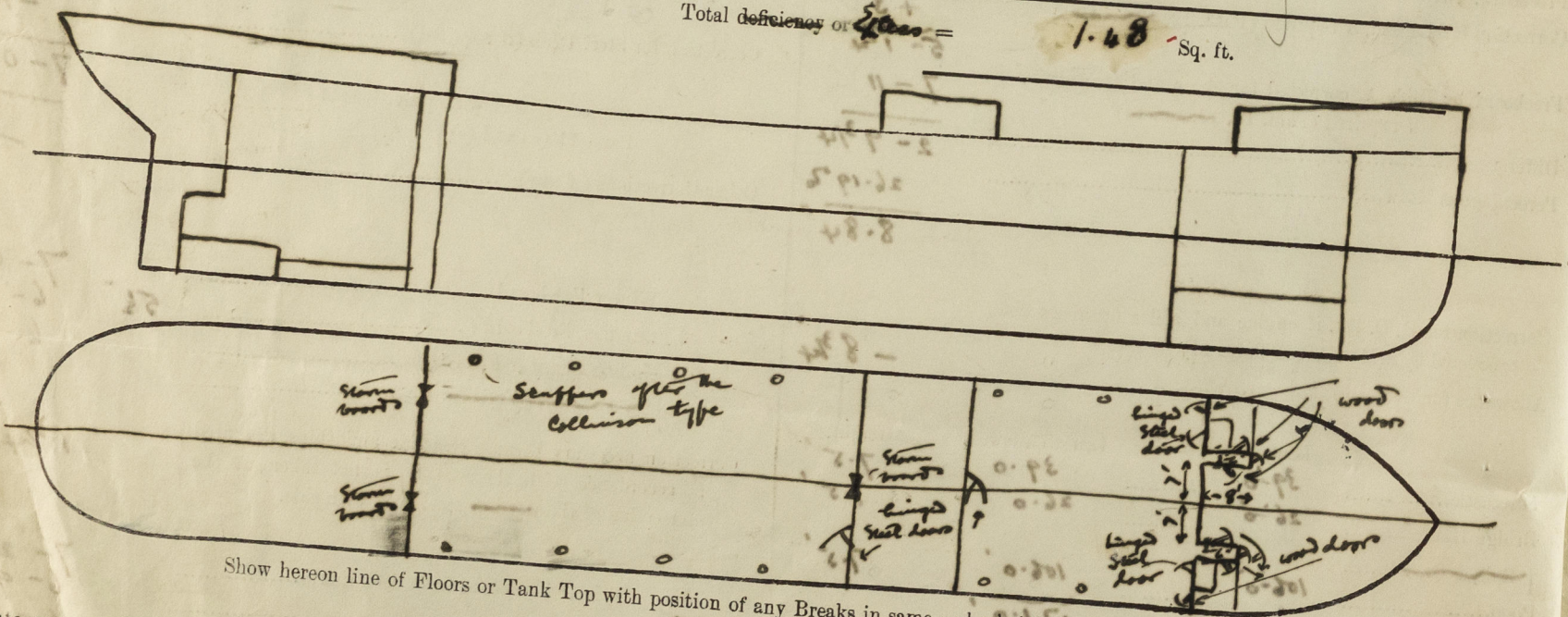
Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*
 To what height do the Reverse Frames extend? *longitudinally framed in way tanks*
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *Yes*
 Give particulars of the means for closing the openings in Bulkhead *Stom boards fitted in riveted channels full height*
 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 *Closed with Steel door in Centre having rivets*
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*
 Give scantlings and spacing of the Stiffeners *9 x 3 x .50 B.T. 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? *Stom boards fitted in riveted channels full height - Steel door having rivets*
 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 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered by 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
 What is the height of the exposed Casings?
 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:—

Position and Size.		Ship.		Rule.		Ship.		Rule.		Ship.		Rule.	
COAMING	Height above top of DECK	<i>24"</i>		<i>24"</i>									
	Thickness	<i>.44</i>		<i>.44</i>									
SHIFTING BEAMS OR WEB PLATES	Number	<i>1</i>		<i>1</i>									
	Section and Scantlings	<i>3 1/2 x 3 1/2 x .40</i>		<i>3 x 3 x .40</i>									
FORE AND AFTERS	Material	<i>Steel</i>		<i>Steel</i>									
	Section and Scantlings	<i>10 x 30</i>		<i>10 x 30</i>									
HATCHES	Thickness	<i>3"</i>		<i>2 1/2"</i>									
	Remarks	<i>wood covers</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? Yes*

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 *94'-7" for 144'-5" aft*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *for 18.92*
 Ft. Tenth. Ft. Tenth. No. = *for 28.9* Sq. ft.
Rounded for 4'-0" x 1'-33" x 4
4'-0" x 1'-33" x 6
 Freeing Ports (each side of vessel) = *for 17.72*
for 29.88 Sq. ft.
 Total deficiency of *Class only* = *1.48* 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 *Under deck tonnage 6,1885 Rules, calculated to the top of 2' ceiling on a floor depth of 32" and 6" inside of 2' spanning on a 6" frame is 5313 tons. The floor height is assumed covered at level to the frame i.e. no allowance for tank knee.*
 Builder's name and yard number *Messrs. Swan, Hunter & Wigham Richardson Ltd. Newcastle York No 1234*
 Names of sister vessels
 Owners *The British Oil Shipping Co. Ltd. are taking over this ship from the European Shipping Co. Ltd.*
 Address
 Fee £ *10*

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