

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 _____
Date of Survey 18.11.39.
Name of Surveyor _____

Ship's Name. ATHIA	Port of Registry and Nationality. GREEK PIRAEUS	Official Number. 949	Gross Tonnage. 3701 3879	Date of Build. 1911 6mo.	Particulars of Classification. +100 A1.
Register Book					

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
337.62	44.2	23.33 <i>1/16" ceiling</i>	2575.53
338		Frame Depth $6\frac{1}{2}$ Ceiling +2'0" Rule " $5\frac{1}{2}$ Sheer 4.41	Peak Tanks } included add for $9\frac{1}{2}$ framing in $6\frac{1}{2}$ space 7.5ms
338	44.04	24.10	2582.53

Moulded Depth as measured..... 26'
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.....	338'
Length in Table	312
Difference	26
Correction for 10ft., Table A.	1.4
× Difference divided by 10	3.64
If $\frac{1}{10}$ ths length covered divide by 2	+1 $\frac{3}{4}$

Table C. (if required.)

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered

Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	Over 44'
Round of Beam	11"
Normal round.....	11"
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.

Fineness..... .72
on necessary }
to (e)* } hull D.B.
Corrected70

Stem 4'6" }
Sternpost 10'5" } $5'4\frac{1}{2} \div 2 = 32.25$... Mean

Sheer 586
Sheer [Table, Para. 18] 438
Difference..... 14.8 ÷ 4 = -3 $\frac{3}{4}$ "
Para. 18 (f)

At front of bridge house..... 9"
At after end of forecastle 2'-11"

none. ÷ 2 =
Correction

ALLOWANCE FOR DECK ERECTIONS:—

Correction for length, if required (Para. 12, 13, and 14)	2'-9"
Table A. corrected for sheer, and for length, (Para. 11, 12, 13, and 14)	5'-4 $\frac{3}{4}$ "
Correction for length	2'-7 $\frac{3}{4}$ "
Percentage	78%
Correction	24 $\frac{3}{4}$ "

Q. Dk. if engine and boiler openings not in bridge house (Para. 11) }
Deck Erections

Length.	Length allowed.	Height.
66'-0"	66.0	7'-9"
218'-0"	218.0	7'-9"
	$\frac{284.0}{338} = .84$	

Percentage }
78%

Freeboard, Table A	5'-8 $\frac{1}{2}$ "
Correction for Sheer	-3 $\frac{3}{4}$ "
Correction for Length	+1 $\frac{3}{4}$ "
Allowance for Deck Erections	2'-0 $\frac{1}{4}$ "
Correction for Round of Beam.....	3'-5 $\frac{3}{4}$ "
Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required)	-3 $\frac{1}{2}$ "
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	3'-2 $\frac{1}{4}$ "
Other Corrections (if any)	

Winter Freeboard	3'-2 $\frac{1}{4}$ "
Summer Freeboard	2'-9 $\frac{1}{4}$ "
Indian Summer Freeboard	2'-4 $\frac{1}{4}$ "
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.	✓
Winter Freeboard from deck line	3'-2 $\frac{1}{4}$ "
Summer " " "	2'-9 $\frac{1}{4}$ "
Indian Summer " " "	2'-4 $\frac{1}{4}$ "
N. A. Winter " " "	✓

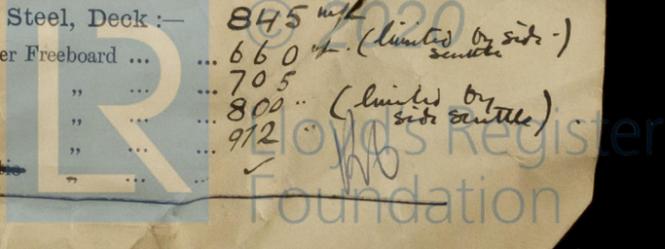
WINTER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck:—

Tropical Fresh Water Line above Centre of Disc ...	185 $\frac{1}{2}$ "	Tropical Fresh Water Freeboard ...	845 $\frac{1}{2}$ "
Fresh Water Line " " ...	140 $\frac{1}{2}$ "	Fresh Water " " ...	660 $\frac{1}{2}$ " (limited by side)
Tropical Line " " ...	45 $\frac{1}{2}$ "	Tropical " " ...	705
Winter Line below " " ...	127 $\frac{1}{2}$ "	Winter " " ...	800 $\frac{1}{2}$ (limited by side)
Winter North Atlantic Line " " ...		Winter North Atlantic " " ...	912

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18.11.39



Do all the Frames extend to the top height in the Poop? Raised Quarter Deck?
 To what height do the Reverse Frames extend?
 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?
 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.
 What is the height of the exposed Casings? Are suitable means provided for closing all openings in them in bad weather?
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below:—

Position.	Size.							
COAMING.	Height above top of DECK							
	Thickness { Sides..... Ends.....							
SHIFTING BEAMS OR WEB PLATES.	Number							
	Section and Scantlings							
	Material							
* FORE AND AFTERS.	Number							
	Section and Scantlings							
	Material							
HATCHES	Thickness							
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 tables, state vertical distance from top of keel 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 Sh...

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

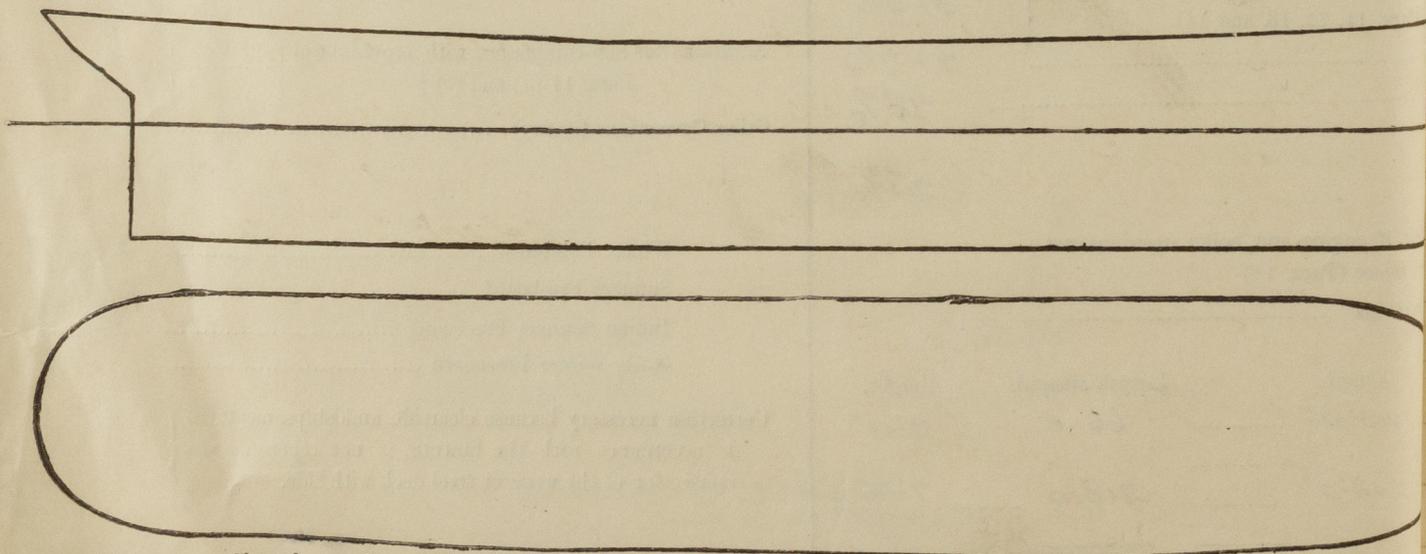
Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft. Tenths. Ft. Tenths. No.

Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess = Sq. ft.

rection for lowest side scuttle.
Sill of lowest scuttle above top of keel = 23'-11"
∴ Max. permissible moulded draught = 23'-5" = 7.138 m.
Summer wld. draught corresponding to summer load = 23'-3 1/4" ∴ summer permissible is not limited.
Triples (limited) = 7.938 - 7.138 = 800 m.



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

Builder's name and yard number

Names of sister vessels

Owners

Address

Fee £

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