

# 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

Name of Surveyor

Sept 1932

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
IOANNIS FRANGOS	Chios Greek		3442	1912-6	+100A-1
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	362	50	21.6	3228.69
Length on LOADLINE.	361.8	Rule „ 5 1/2	Sheer + .85	Peak Tanks + 30
		4'42 = 6 1/2	Spars fitted level tank	21 + 30
CORRECTED DIMENSIONS.	361.8	49.33	22.45	3258.69

Co-efficient of fineness..... 813

Any modification necessary { Para. 4 (a) to (e) \* } 02

Co-efficient as corrected ..... 79

Sheer { Stem.....103 } 159.5 ÷ 2 = 79.75 Mean  
at { Sternpost 56.5 }Sheer at 1/3 of the length from { Stem 54.875 } 84.375 ÷ 2 = 42.1875 Mean  
{ Sternpost 29.5 }Gradual mean Sheer ..... 76.704  
Standard mean Sheer [Table, Para. 18] ..... 46.18 Correction  
Difference..... 30.524 ÷ 4 = 7.631

If limited as Para. 18 (f) ..... -7 1/2

Rise in Sheer { At front of bridge house.....  
from amidships { Para. 18 (e) } At after end of forecastle .....Fall in Sheer { ÷ 2 = no fall  
Para. 18 (d) }  
Length uncovered ..... Correction

## ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	2-4 1/4
Correction for Length, if required (Para. 12, 13, and 14) .....	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	4-7 1/4
Difference .....	2-3
Percentage as below.....	57.15%

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } 15.43  
Allowance for Deck Erections ..... -1-3 1/2

	Length.	Height.
Forecastle.....	37'2	37.16
Bridge House .....	210'5	210.72
† Raised Qr. Dk.....	31-3	31.25
Poop.....		
Total .....	279.13	279.13
Length of Ship .....	361.8	361.8
Corresponding percentage { Para. 11, 12, 13, and 14 }	57.15%	

Moulded Depth as measured..... 24'0"

Addition for Keel below base line for draught record..... inches.

## CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	361.8
Length in Table .....	288
Difference .....	73.8
Correction for 10ft., Table A. ....	1.3
× Difference divided by 10 .....	9.594
If 1/10ths length covered divide by 2	4 3/4

## CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered ... over 7/10  
Thickness of usual wood deck, less stringer ..... -3 1/2

## CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	49-5 1/2
Round of Beam .....	13 1/4
Normal round.....	12 3/8
Difference .....	7/8 ÷ 2 = 7/16
Proportion of Deck uncovered (Para. 19) .....	22.85

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

Freeboard, Table A .....	5-2 3/4
Correction for Sheer .....	-7 1/2
Correction for Length .....	+4 3/4
Allowance for Deck Erections .....	-1-3 1/2
Correction for Round of Beam.....	3-8 1/2

Correction for fall in Sheer (if any).....	
Correction for Steel Deck (if required) .....	-3 1/2
Additions for non-compliance with provisions of { Para. 11 (d) and (e) † }	3-5
Other Corrections (if any) .....	

Winter Freeboard .....	3-5
Summer Freeboard .....	3-0 1/2
Indian Summer Freeboard .....	2-8
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.

g. m. m.  
16-9-32

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

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

Tropical Fresh Water Line above Centre of Disc	10 1/4" = 260
Fresh Water Line	5 3/4" = 146
Tropical Line	4 3/4" = 114
Winter Line below	4 3/4" = 114
Winter North Atlantic Line	✓

Tropical Fresh Water Freeboard ...	3' 0 1/4" = 921
Fresh Water	2' 2" = 661
Tropical	2' 6 1/2" = 775
Winter	2' 4 3/4" = 804
Winter North Atlantic	3' 4 3/4" = 1035