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10/2/34 14/4/34

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# Lloyd's Register of British & Foreign Shipping.

15501

## AEOLOS SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES, HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Port of Survey London  
Date of Survey 3.4.06  
Name of Surveyor

"PANAGOS" Process

Delete words which do not apply.

Ship Name Marie Z. Michalinos Gross Tonnage 3059 Official Number - Type of Ship 3 Stk. Kue Date of Build 1902 Particulars of Classification 100 A1  
Number in Register Book 455

Registered Length as shown by ship's register 332 Breadth 48.0 Depth 21.9  
Length on Loadline 332  
Breadth 48

Moulded Depth as measured 24'-5"

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

Depth 21.9 Tons and Dk. 287/1009  
Correction for excess or deficiency of Gradual Sheer (Para. 3) 46  
Depth to be used 22.36

CORRECTION FOR LENGTH.  
Length of Ship on Loadline 332  
Length in Table 293  
Difference 39  
Correction for 10ft., Table A 1.3 Table C.  
× Difference divided by 10 5.07 (if required.)  
If  $\frac{1}{10}$ ths length covered divide by 2 for vessels coming under Para. 11 and Para. 12 + 2.2

Co-efficient of fineness .81  
Any modification necessary [Para. 4 (a) to (e)] bell. D. B. deep framing  
Co-efficient as corrected .80

CORRECTION FOR IRON DECK.  
Proportion covered, if less than  $\frac{1}{10}$ ths length covered 3 1/2  
Thickness of usual wood deck, less stringer 3 1/2

Sheer at Stem 87 at Sternpost 39 }  $126 \div 2 = 63$  Mean  
Sheer at  $\frac{1}{4}$  of the length from Stem 46.25 }  $66 \div 2 = 33$  Mean  
Sternpost 19.75 }  
Gradual Sheer 60  
Standard Sheer (Table, Para. 18) 43.2 Correction ✓  
Difference 16.8  $\div 4 = -4.4$

CORRECTION FOR ROUND OF BEAM.  
Breadth at Gunwale amidships 12  
Round of Beam 12  
Normal round 12  
Difference ✓  $\div 2 =$   
Proportion of Deck uncovered (Para. 19) ✓

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

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

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 2.6 1/4  
Correction for Length, if required (Para. 12 and 13)  
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) 5.0 3/4  
Difference 2.6 1/2  
Percentage as below 51.54%  
- 15 3/4

Freeboard, Table A 5.5  
Correction for Sheer - 4.4  
Correction for Length 5.03 1/4  
Allowance for Deck Erections 5.3 1/4  
Correction for Round of Beam 1.3 1/4  
Correction for Iron Deck (if required) 3.11 1/2  
Additions for non-compliance with provisions of Para. 11 (d) and (e) 3.8  
Other corrections (if any)

Correction for engine and boiler openings not being covered by bridge house, in cases coming under Para. 11

Allowance for Deck Erections  
Length. Length allowed. Height.  
Forecastle 38.5 38.5 7.0  
Bridge House 170.0 170.0 7.0  
† Raised Qr. Dk. 29.0 29.0  
Poop 29.0 7.0  
Total 237.5 41.59  
332

Winter Freeboard 3.8  
Summer Freeboard 3.4  
N. A. Winter Freeboard  
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. 2  
Winter Freeboard from deck line § 3.10  
Summer " " " " 3.6  
N. A. Winter, " " " "

Corresponding percentage (Para. 11, 12, or 13) 51.54%

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 dimensions 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. should be reported.

MARKING FORM RECEIVED 2 AUG 1928  
MARKING REPORT RECEIVED 23 MAY 1906

R 63/4/06 In to Pin 5/4/06

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WS29-0142

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DELETE WORDS WHICH DO NOT APPLY.

The Crew *are, are not*, berthed in the bridge house.

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.

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.	}	=	Sq. Ft.
	x		x				
	x		x				

Total deficiency = Sq. Ft.

Total excess = "

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

Do all the Frames extend to the top height in the Poop? \_\_\_\_\_

Do. do. do. in the Raised Quarter Deck? \_\_\_\_\_

Do. do. do. Bridge House? \_\_\_\_\_

Do. do. do. Forecastle? \_\_\_\_\_

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? \_\_\_\_\_

State whether the Bridge House efficiently covers the Engine and Boiler Openings \_\_\_\_\_

Has the Bridge House an efficient Iron Bulkhead at the fore end? \_\_\_\_\_

Give particulars of the means for closing the openings in Bulkhead \_\_\_\_\_

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb Plates, etc. \_\_\_\_\_

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? \_\_\_\_\_

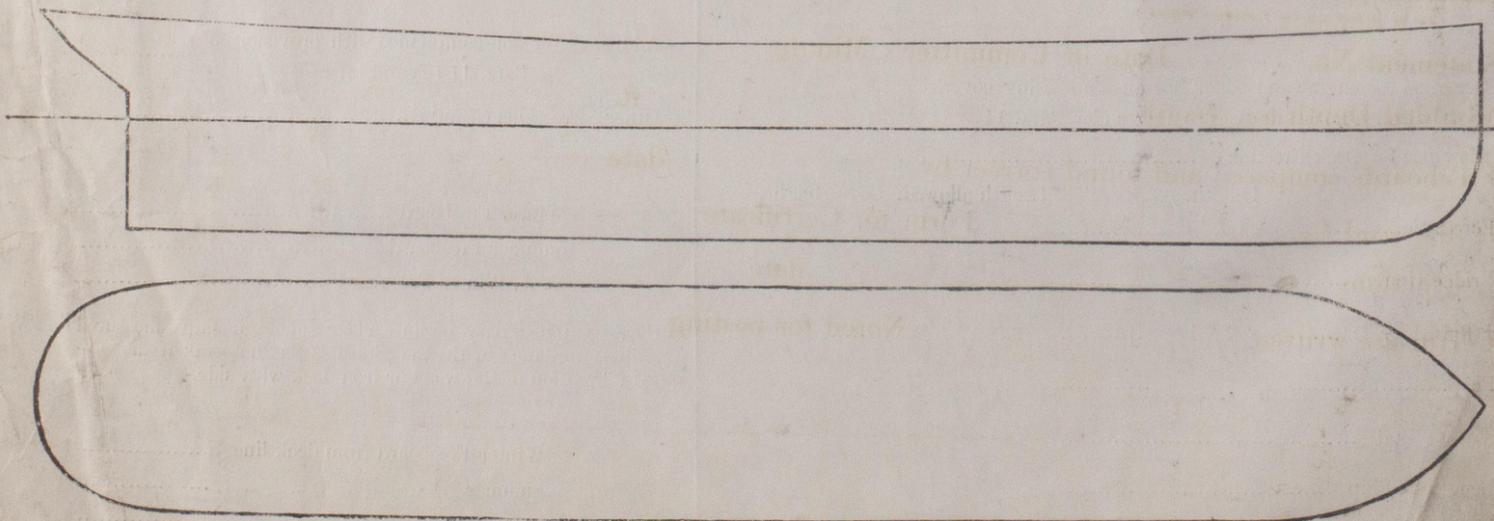
Has the Forecastle an efficient Iron or Wood Bulkhead at its after end? \_\_\_\_\_

Are the Hatchways efficiently constructed? \_\_\_\_\_ What is the thickness of the Hatches? \_\_\_\_\_

State the height of the Coamings in fore well? \_\_\_\_\_ In after well \_\_\_\_\_

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? \_\_\_\_\_

State any special features in the construction of the Vessel \_\_\_\_\_



Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners \_\_\_\_\_

Address \_\_\_\_\_

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