

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD. 8009.

31 OCT 1932

having

Computation of Freeboard for Steamer, Sailing Ship, Tanker

poop, Bridge Forecastle

Port of Survey

Marseilles

(Type of Superstructures.)

Date of Survey

25. 10. 32

Ship's Name

P.L.M 26

Nationality and Port of Registry

French
Rouen

Official Number

Gross Tonnage

Date of Build

5391

1922-4

Name of Surveyor

H. Waggatt

Moulded Dimensions: Length 399.50' Breadth 55.75' Depth 31'-0"

Moulded displacement at moulded draught = 85 per cent. of moulded depth tons

Coefficient of fineness for use with Tables

Particulars of Classification

+100 A.1

S.S. Mdb. No. 2-30

Depth for Freeboard (D)

Moulded depth ... 31'-0

Stringer plate ...

Sheathing on exposed deck

$$T \left(\frac{L-S}{L} \right) =$$

Depth for Freeboard (D) =

Depth correction

(a) Where D is greater than Table depth
(D-Table depth) R =

(b) Where D is less than Table depth (if allowed)
(Table depth-D) R =

If restricted by superstructures

Round of Beam correction

Moulded Breadth (B)

$$\text{Standard Round of Beam} = \frac{B \times 12}{50} =$$

$$\text{Ship's Round of Beam} = 13 \frac{1}{2}''$$

Difference

Restricted to

$$\text{Correction} = \frac{\text{Diff}^e}{4} \times \left(1 - \frac{S_1}{L} \right) =$$

DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed ...	127.25'		7'-6"		
" overhang ...					
R.Q.D. enclosed ...					
" overhang ...					
Bridge enclosed ...	31.50'		7'-6"		
" overhang aft ...	18"				
After W. overhang forward enclosed ...	40'		7'-6"		
" overhang ...					
Bridge aft ...					
" forward ...					
Tonnage opening aft ...					
" forward ...					
Total ...					

Standard Height of Superstructure

" " R.Q.D.

Deduction for complete superstructure

$$\text{Percentage covered} \frac{S}{L} =$$

$$\frac{S_1}{L} =$$

$$\frac{E}{L} =$$

Percentage from Table, Line A.

(corrected for absence of forecastle (if required))

Percentage from Table, Line B.

(corrected for absence of forecastle (if required))

Interpolation for bridge less than 2L (if required)

Deduction =

SHEER CORRECTION.

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P. ...		1		54		1	
1/6 L from A.P. ...		4		22		4	
2/6 L " ...		2		54		2	
Amidships ...		4		0		4	
2/6 L from F.P. ...		2		13		2	
1/6 L " ...		4		52		4	
F.P. ...		1		126		1	
Total ...							

$$\frac{\text{Mean actual sheer aft}}{\text{Mean standard sheer aft}} =$$

$$\frac{\text{Mean actual sheer forward}}{\text{Mean standard sheer forward}} =$$

$$\frac{\text{Length of enclosed superstructure}}{L} \text{ forward of amidships} =$$

$$\text{" " aft of " " =}$$

$$\text{Correction} = \frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{2L} \right) =$$

If limited on account of midship superstructure.

If limited to maximum allowance of 1 1/2 ins. per 100 ft.

Deduction for Tropical Freeboard.

Addition for Winter and Winter North Atlantic Freeboard.

Depth to Freeboard Deck = Ft.

Summer freeboard =

Moulded draught (d) =

Deduction for Tropical freeboard and addition for

Winter freeboard = d/4 inches =

Addition for Winter North Atlantic Freeboard (if required) =

Deduction for Fresh Water.

Displacement in salt water at summer load water line

$$\Delta =$$

Tons per inch immersion at summer load water line

$$T =$$

$$\text{Deduction} = \frac{\Delta}{40T} \text{ inches} =$$

TABULAR FREEBOARD corrected for Flush Deck (if required)

Correction for coefficient

Depth Correction ...

Deduction for superstructures ...

Sheer correction ...

Round of Beam correction ...

Correction for Thickness of Deck amidships ...

Other corrections, scantlings, etc. ...

	+	-
Depth Correction		
Deduction for superstructures		
Sheer correction		
Round of Beam correction		
Correction for Thickness of Deck amidships		
Other corrections, scantlings, etc.		

Summer Freeboard =

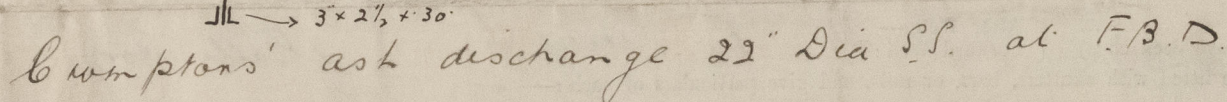
SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, Wood, Steel, Deck :-

Tropical Fresh Water Line above Centre of Disc ...	
Fresh Water Line " " ...	
Tropical Line " " ...	
Winter Line below " " ...	
Winter North Atlantic Line " " ...	

Tropical Fresh Water Freeboard ...	
Fresh Water " " ...	
Tropical " " ...	
Winter " " ...	
Winter North Atlantic " " ...	

0/70 $\frac{3}{12}$

A hand-drawn sketch of a ship's deck layout. The drawing is on aged, yellowed paper. It shows a long, narrow rectangular area representing the deck. Along the top edge, there are several small rectangular structures, possibly gun turrets or superstructures, and several 'x' marks indicating specific positions. The bottom edge of the deck area is also marked with 'x' marks. The word 'Scupper' is written in cursive in the center of the deck area, with a horizontal line extending from it. The overall style is that of a rough, preliminary sketch.



Displacement figures taken from Scale on vessel.

25 ft. · 1 1/4 "	=	8660 Tons	D.W.
23 ft. · 10 "	=	8000 "	" "
21 ft. · 11 "	=	7000 "	" "
20 ft. · 11 1/4 "	=	6500 "	" "
19 ft. · 10 1/4 "	=	5500 "	" "
16 ft. · 1 3/4 "	=	4000 "	" "

Vessel surveyed afloat. and does not embrace any part
of the Requirement of Special Survey.

Sir Raylton Dixon & Co Ltd

Owners

Soc. Nationale d'affrètements

Received by me

Exp. Fr. 39