

002816-002824-0149

To. 11b (Spl).

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD-STEAMERS.

Index No. 16641
 (For London Office only.)
 Port of Survey _____
 Date of Survey 17/1/31
 Name of Surveyor _____

Ship's Name. <u>SS Yorinana</u>	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification. <u>+ 100 A1 Awning deck with freeboard</u>
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Moulded dimensions 236.9 x 34.5 ^{14.12 to 2nd deck} _{34.87 to awning deck}
 Moulded displacement at a moulded draught of 85 per cent. of moulded depth Not yet received
 Coefficient of fineness for use with tables _____

DEPTH FOR FREEBOARD.		CORRECTION FOR LENGTH.	
Moulded depth	34.87	(a) When D is greater than $\frac{L}{15} = 15.8$	+16.61
Keel plate	.04	$(D - \frac{L}{15}) \times R = \dots (34.91 - 15.8) \times 1.823 = 9.11$	
Nothing in wells $T \left(\frac{L-S}{L} \right) =$	✓	(b) When D is less than $\frac{L}{15}$ (if allowed).	
Depth D =	34.91	$\left(\frac{L-D}{15} \right) \times R = \dots$	
		If restricted by height of superstructures	

SUPERSTRUCTURES.

	Mean Covered Length S.	Equivalent Enclosed Length S ₁ .	Height.	Correction for Height.	Effective Length.
enclosed					
overhang					
D. enclosed					
overhang					
ge enclosed					
overhang aft					
overhang forward					
enclosed ...					
overhang					
cks forward ...					
aft					
age opening ...					
TOTAL =					
Length of ship (L) =					
% Covered ... =					
esponding %, corrected for } A =					
nce of forecastle if required }					
Allowance ... =					
				B =	
					Correction for Bridge less than $\frac{1}{2}L$ if required }

*Computed as flush deck
See plan on back*

* Sheers given at ends only

SHEER.

Station.	Actual Sheer.	Standard Sheer.	Allowed Sheer.	S. M.	Products.
A.P. 1	19	33.69	19.0	1	19.0
2	8.44		8.44	4	33.76
3	2.11		2.11	2	4.22
4	0		0	4	0
5	5.55		5.55	2	11.10
6	22.22		22.22	4	88.88
F.P. 7	50	64.38	50.00	1	50.00
				18)	206.9

If excess sheer forward and deficient sheer aft :-

Actual sheer aft = 4
 Standard sheer = 16
 Difference = 12

Correction for Length = $\frac{Df}{L} \times \left(\frac{L-S}{L} \right) = \frac{12}{206.9} \times \left(\frac{206.9 - 50}{206.9} \right) = 0.021$

ROUND OF BEAM.

Standard	8.16
Corrected for Coe	9.0
Difference	.84
Restricted to	
Correction for Length	
Difference = $\frac{\text{Difference}}{4} \times \left(1 - \frac{S}{L} \right) = .21$	-.21

TABULAR

Correction for Length

Sup

She

Rot

Th

Scal

Sta

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " "

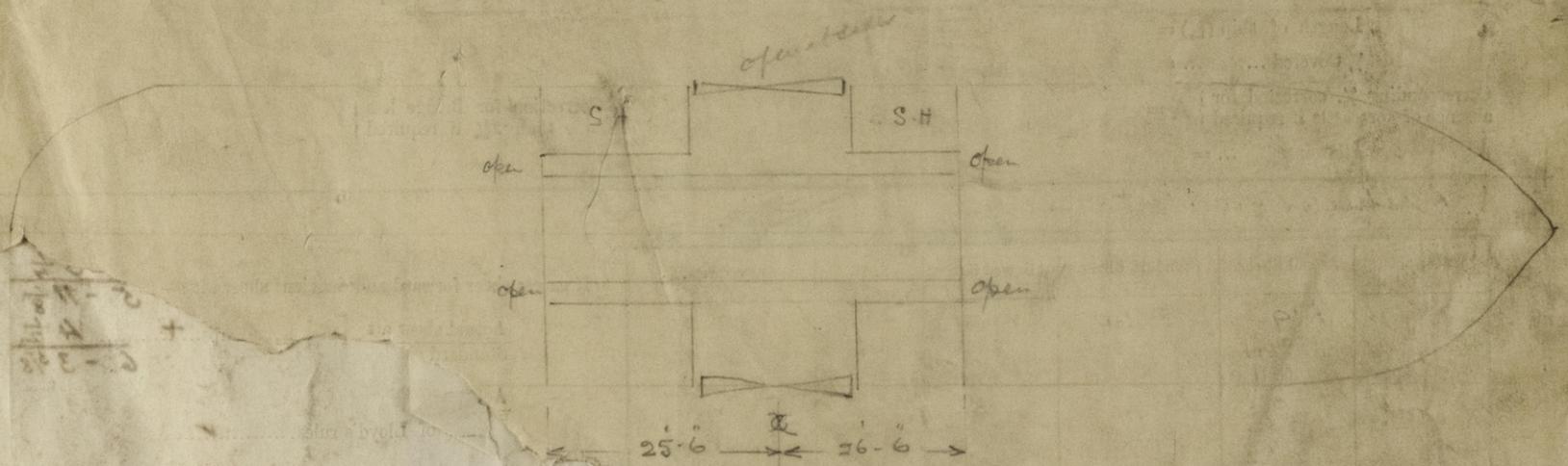
Winter North Atlantic Line " " "

Present Tide 85-0/2 Base

(W 5-3/2)



Plan of Choking Beck



Owners

Address

Fee £



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Foundation