

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER.) GRK REPORT N° 22548

Surveyor's Signature *Hennetys Doyle*

Particulars of Classification *+100.A.1.*

DEDUCTION FOR SUPERSTRUCTURES.

Standard Height of Superstructure..... 7.5'

" " R.Q.D. -

Deduction for complete superstructure..... 42'

Percentage covered $\frac{S}{L} = 52.08$

" " $\frac{S_1}{L} = \left. \begin{array}{l} \\ \end{array} \right\} 57.50$

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

Percentage from Table, Line A. -

(corrected for absence of forecastle (if required))

Percentage from Table, Line B. 37.50

(corrected for absence of forecastle (if required))

Interpolation for bridge less than $\cdot 2L$ (if required) .. -

Deduction = $42 \times 375 = - 157.50$

Station	Standard Ordinate	S M	Product	Actual Ordinate	Effective Ordinate	S M	Product
A.P.	51.90	1	51.90	66	66	1	66.0
$\frac{1}{8}$ L from A.P. ...	23.095	4	92.38	29.5	29.5	4	118.0
$\frac{3}{8}$ L " ...	5.71	2	11.42	7.25	7.25	2	14.5
Amidships ...	-	4	-	0	-	4	-
$\frac{3}{8}$ L from F.P. ...	11.42	2	22.84	15.5	15.5	2	31.0
$\frac{1}{8}$ L " ...	46.19	4	184.76	61.5	61.5	4	246.0
F.P.	103.80	1	103.80	138	138	1	138.0
Total ...			467.10				613.5

Mean actual sheer aft
Mean standard sheer aft =

Mean actual sheer forward
Mean standard sheer forward =

Length of enclosed superstructure forward of amidships = 2.1
" " aft of " = 2.1

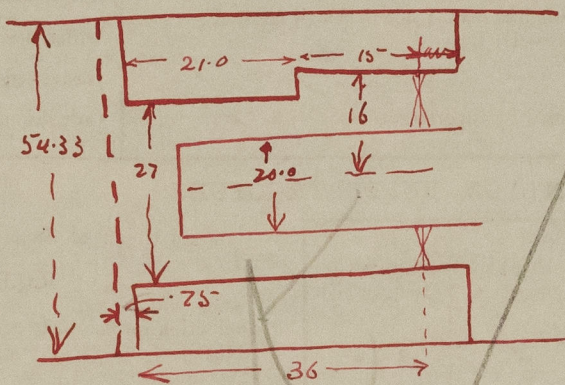
Correction = $\frac{\text{Difference between sums of products}}{18} \left(.75 - \frac{S}{21} \right) = \frac{146.4}{18} (.75 - .2604) = -3.98$
 If limited on account of midship superstructure. ✓ $.4896$ If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100 ft.

h Deck (if required)		77.49
+	-	81.99
14.07	-	82. B.
-	15.75	29.1.44
-	3.98	
-	42	
-	-	
14.07	20.15	- 6.08
Summer Freeboard =		75.91

TROPICAL Fresh Water Line above Centre of Disc				Tropical Fresh Water Freeboard			
Tropical Fresh Water Line above Centre of Disc	13 1/2"	Tropical Fresh Water Freeboard	5'-2 1/2"
Fresh Water Line	"	"	7"	Fresh Water	"	...	5'-9"
Tropical Line	"	"	6 1/2"	Tropical	"	...	5'-9 1/2"
Winter Line	below	"	6 1/2"	Winter	"	...	6'-10 1/2"
Winter North Atlantic Line	—	—	—	Winter North Atlantic	"	...	—

A new form should be prepared if any alterations that affect the freeboard have been made. If no such alterations have been made, the Surveyor should endorse the form on this side with his signature and the date.

Bridge



Reason

$21.0 \times 3.5 =$	73.5
$15.0 \times 6.0 =$	90.0
$2.25 \times 20.0 =$	45.0
$36.0 \times 3.5 =$	126.0
	<u>334.5</u>
	$\div 54.33 = 6.16$

$\frac{137.25}{6.16} = 22.12$
 $\frac{22.12}{1.09} = 20.29$ equivalent
 enclosed.

Fee. 43.62
 Reason $\frac{4.5 \times 13}{21.25} = - 2.75$
40.87

Trade of ship

International.

Names of sister ships

"Prospector"

Messrs Lithgows yard No 988

Builder's name and yard number

Lithgows Ltd yard No 989

Owners

Charles S. S. Co (Sd J Harrison Mgrs.)

Fee £ 17:0:0.



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