

s/s "NAUSICA"Convention freeboard

Length : 388'

Moulded depth : 29' 3"

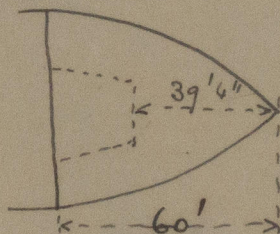
Depth for freeboard : $29' 3" + 0''.76 = 29' 3" \frac{3}{4}$

<u>SHEER</u> :	<u>Standard</u>	<u>Nausicaa</u>	<u>Difference</u>	<u>Factor</u>	<u>Product</u>
A.P.	48".80	58"	9".2	1	9.20
1/6 L.from A.P.	21".71	26"	4".29	4	17.16
1/3 L.from A.P.	5".37	6"	0".63	2	1.26
Amidships	0	0	0	4	0
1/3 L.from F.P.	11".74	14"	2".26	2	4.52
1/6 L.from F.P.	43".42	51"	7".58	4	30.32
F.P.	97".60	111"	13".4	1	13.40

					75.86

SUPERSTRUCTURES

Excess of sheer 4".21

FORECASTLE

Effective length :

$$\frac{388'}{16} + \frac{60'}{2} = 54'.25$$

Effective length of Poop	:	106'
" " Bridge	:	27'
" " Forecastle	:	54' 3"
" " Trunk	:	37' 4"

All these require reduction for different height
 (actual dimensions of the trunk 96' 6" x 30' x 5' and Breadth of ship = 52' 6")

Percentage of superstructures 57.95 p.c.

Coefficient for sheer correction . 46

FREEBOARD CALCULATION

inches

a) Tabular freeboard for 388'	59.74	✓
" " " "		
corrected for c = .787		64.44 ✓
b) correction for depth		10.12

		74.56



c) Déduction for superstructures :

49.75 per cent of 41.2 inches

20.50

54.06

d) Déduction for excess sheer :

4" 2I x .46

1.93

52.13

e) Déduction for 13" camber :

no

Summer freeboard : 52.13 inches = 1M.324



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Lloyd's Register

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