

*Proposed lengthening
to 570 and steamer*

LLOYD'S REGISTER OF SHIPPING

SURVEYS FOR FREEBOARD

(COMPUTATION FOR STEAMER, SAILING SHIP, TANKER)

For LONDON OFFICE ONLY

Received
Index No.
Govt. Copy
Owners C11

Ship's Name HOLLYWOOD	Official Number	Nationality and Port of Registry	Gross Tonnage	Date of Build	Port of Survey
Moulded Dimensions: Length 570' Freeboard Length 570' Moulded displacement at moulded draught = 85 per cent. of moulded depth (excluding bossing) Say 80 Coefficient of fineness for use with Tables	Breadth 69.5	Depth 40.56			Date of Survey 15.1.60
Surveyor's Signature				Particulars of Classification + 100 T1 circular construction	

DEPTH FOR FREEBOARD (D). Moulded depth ... 40.56 Stringer plate ... 07 Wood Sheathing on exposed deck $T \left(\frac{L-S}{L} \right) =$ Depth for Freeboard (D) = 40.63	DEPTH CORRECTION. (a) Where D is greater than Table depth $(D - \text{Table depth}) R = (40.63 - 38) \times 3 = +7.89"$ (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) Standard Round of Beam = $\frac{B \times 12}{50} =$ Ship's Round of Beam = Difference Restricted to Correction = $\frac{\text{Diff}}{4} \times \left(1 - \frac{S_1}{L} \right) = \frac{14.6855}{4} = 3.67$
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DEDUCTION FOR SUPERSTRUCTURES.

	Mean Covered Length (S)	Equivalent Enclosed Length (S ₁)	Height	Height Correction	Effective Length (E)
Poop enclosed					
" overhang					
R.Q.D. enclosed					
" overhang					
Bridge enclosed					
" overhang aft					
" overhang forward					
F'cle enclosed					
" overhang					
Trunk aft					
" forward					
Tonnage opening aft					
" forward					
Total					179.26

Standard Height of Superstructure **7.5**
 " " R.Q.D. **42**
 Deduction for complete superstructure
 Percentage covered $\frac{S}{L} =$ **0.692**
 " $\frac{S_1}{L} =$ **31.45**
 " $\frac{E}{L} =$
 Percentage from Table, Line A. **16.23**
 (corrected for absence of forecastle (if required))
 Percentage from Table, Line B. **20.23**
 (corrected for absence of forecastle (if required))
 Interpolation for bridge less than .2L (if required) $4 \times \frac{0.692}{2} = 1.384$
 Deduction = $42 \times 17.61 = -7.39$

SHEER CORRECTION.

Station	Standard Ordinate	S	M	Product	Actual Ordinate	Effective Ordinate	S	M	Product
A.P.	67.	1					1		36.75
$\frac{1}{4}L$ from A.P.		4			0 Say		4		
$\frac{2}{4}L$ "		2					2		
Amidships	0	4	0	0	0	0	4	0	0
$\frac{2}{4}L$ from F.P.		2					2		
$\frac{1}{4}L$ "		4			0 Say		4		
F.P.		1					1		72.01
Total				603					108.75

Correction = $\frac{\text{Difference between sums of products}}{18} \left(\frac{.75 - S}{2L} \right) = \frac{495 - 1572}{18} = +16.3$
 If limited on account of midship superstructure. **178** **5928** If limited to maximum allowance of $1\frac{1}{2}$ ins. per 100ft.

Deduction for Tropical Freeboard.
 Addition for Winter and Winter North Atlantic Freeboard.

Deduction for Fresh Water.

TABULAR FREEBOARD corrected for Flush Deck (if required)
 Correction for coefficient

	+	-
Depth Correction	7.89	7.39
Deduction for superstructures		
Sheer correction	16.30	20
Round of Beam correction		
Correction for Thickness of Deck amidships		
Other corrections, scantlings, etc.		

Winter freeboard = $\frac{d}{4}$ inches =

Addition for Winter North Atlantic Freeboard (if required) =

SUMMER FREEBOARD amidships from Centre of Disc to top of Deck Line, **W** 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	"

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.

25865

$19.5 \times 69.5 \times 40.56 \times 85$
35

570
490.5
79.5

Trade of ship _____

Names of sister ships _____

Builder's name and yard number _____

Owners _____

Fee £ : :

List of plans forwarded for reference. (See "Instructions to Surveyors, Part 4, 1950," paragraph 11.)



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Foundation