

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey
Date of Survey 20th May 32.
Name of Surveyor

Ship's Name. "FARNWORTH" <i>Blythwood No. 7.</i>	Port of Registry and Nationality. <i>Hull</i> <i>British</i>	Official Number. 148086	Gross Tonnage. 4944 ✓	Date of Build. 1924-9	Particulars of Classification. 100 A1.
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Registered dimensions from Ship's Register.	LENGTH. 401.6	BREADTH. 53.2	DEPTH. 26.95	UNDER DECK TONNAGE. 4549.40
Length on LOADLINE.	400.0	Mean Frame Depth/2 Rule " 6/6" - 1.0 Spar fits	Ceiling fits Sheer + 1.14 2" drop in tank top + 0.8 bulging fits	Peak add for Tanks 20.60
CORRECTED DIMENSIONS.	400.0	52.2	28.17	4570.0

Moulded Depth as measured..... 29' 7 1/2"
Addition for Keel below base line for draught record..... 2 1/4" inches.

NOTE.— If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	400
Length in Table	355.5
Difference	44.5
Correction for 10ft., Table A.	1.5
× Difference divided by 10	6.67
If 1/10ths length covered divide by 2	+ 6 3/4
Table C. 8	(if required.) 3.56
	+ 3 1/2"

Co-efficient of fineness..... .78
Any modification necessary [Para. 4 (a) to (e)]* }
Co-efficient as corrected75

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	47.1
Thickness of usual wood deck, less stringer	3 1/2" = 1 3/4"
	1.64

Sheer { Stem..... 120 }
at { Sternpost ... 60 } 180 ÷ 2 = 90 ... Mean $\frac{91.36 + 50.00}{2} = 70.68$

Sheer at 1/2 of the length from { Stem 67 }
{ Sternpost 33 1/2 } 100 1/2 ÷ 2 = 50.25 ... Mean $\frac{41.36 + 1.14}{2} = 21.25$

Gradual mean Sheer 90.68

Standard mean Sheer [Table, Para. 18] $\frac{50.00}{50.0} = 50.0$ Correction

Difference..... 40.68 ÷ 4 = 10.17

§ If limited as Para. 18 (f) -10 1/4"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	53.0
Round of Beam	13 1/4"
Normal round.....	13 1/4"
Difference	÷ 2 =
Proportion of Deck uncovered (Para. 19)	✓

NOTE.— The round of beam should be reported on the full breadth of vessel at the gunwale.

Rise in Sheer from amidships { At front of bridge house..... }
[Para. 18 (e)] { At after end of forecastle } ✓

Fall in Sheer }
Para. 18 (d) } ÷ 2 =
Length uncovered Correction

Freeboard, Table A	7' 4 1/4"
Correction for Sheer	- 10 1/4"
Correction for Length	6' 6 3/4"
Allowance for Deck Erections	6 3/4"
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required)	- 1 3/4"
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	6' 1 3/4"
Other Corrections (if any)	✓

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	4' 2 3/4"
Correction for Length, if required (Para. 12, 13, and 14)	+ 3 1/2"
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) }	7' 0 3/4"
Difference	2' 6 3/4"
Percentage as below.....	29.97%
	9.14

A = 42 1/2 } 5 1/4"
C 6 } 5 1/4"

Winter Freeboard	6' 1 3/4"
Summer Freeboard	5' 8 1/2"
Indian Summer Freeboard	5' 3 3/4"
N. A. Winter Freeboard	✓

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }
Allowance for Deck Erections - 9 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	34' 6"	34.5	8' 0"
Bridge House	117' 6"	117.5	8' 0"
† Raised Q. Dk.....			8' 0"
Poop.....	36' 4 1/2"	36.4	
Total		188.4	471
Length of Ship		400	
Corresponding percentage (Para. 11, 12, 13, or 14) }	29.97%		

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. ✓

Winter Freeboard from deck line	
Summer " " " "	
Indian Summer " " " "	
N. A. Winter " " " "	

878.
24.532

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

Tropical Fresh Water Line above Centre of Disc ...	11 1/2" ✓	Tropical Fresh Water Freeboard ...	5' 8 1/4" ✓
Fresh Water Line " " " " ...	6 3/4" ✓	Fresh Water " " " " ...	4' 8 3/4" ✓
Tropical Line " " " " ...	5" ✓	Tropical " " " " ...	5' 1 3/4" ✓
Winter Line below " " " " ...	5 1/2" ✓	Winter " " " " ...	5' 3 3/4" ✓
Winter North Atlantic Line ..		Winter North Atlantic " " " " ...	6' 1 3/4" ✓

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