

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS

W 122

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 21st May 32
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
ARMADALE CASTLE Fairfield No. 424 Number in Register Book	London British	118350	12973	1903-11	- 100 A.
Registered dimensions from Ship's Register.	LENGTH. 570.1	BREADTH. 64.55	DEPTH. 39.0	UNDER DECK TONNAGE. 10634.01	Moulded Depth as measured <i>wood deck</i> 42'-6" <i>Rule wood deck less stringer</i> = 42'-9" Addition for Keel below base line 3 1/2" for draught record.....inches. 42'-5 1/2" mls.
Length on LOADLINE.	569	Frame Depth Rule "	Ceiling Sheer	Peak Tanks	
CORRECTED DIMENSIONS.	569	64.55	39.0	10634.01	

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

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

74
60.8
72

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 569.0
Length in Table 509.52
Difference 59.48
Correction for 10ft., Table A. 1.7 Table C. .8
× Difference divided by 10 10.11 (if required.) 4.75
If 1/10ths length covered divide by 2

Sheer {Stem..... 119 } 755 ÷ 2 = 77.5 Mean
at {Sternpost ... 36 }

Sheer at 1/8 of the length from {Stem 70 } 85 ÷ 2 = 42.5 Mean
{Sternpost 15 }

Gradual mean Sheer 77.3 ÷ 55 = 77.3
Standard mean Sheer [Table, Para. 18] 66.9 Correction
Difference..... 10.4 ÷ 4 = 2.6

§ If limited as Para. 18 (f)

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

Fall in Sheer {
Para. 18 (d) } 2 ÷ 2 = 1 × 14.1 = 28.2 added.
Length uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 108.21
Correction for Length, if required (Para. 12, 13, and 14) + 4.75
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14) 112.96
Difference 152.72
Percentage as below..... 39.76
24.4

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections = 9.70

	Length.	Length allowed.	Height.
Forecastle.....	117.1	94.1	7.9
Bridge House			
† Raised Qr. Dk.....			
Poop.....	74.0	74.0	7.95
Total		168.0	
Length of Ship	569		
Corresponding percentage { (Para. 11, 12, 13, or 14) }	24.4		

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered
Thickness of usual wood deck, less stringer

CORRECTION FOR ROUND OF BEAM. NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.
Breadth at Gunwale amidships..... 62.0
Round of Beam 12
Normal round..... 15
Difference 3.5 ÷ 2 = 1.75
Proportion of Deck uncovered (Para. 19) 25. 4.14 to add.

Freeboard, Table A 145.21
Correction for Sheer - 2.6
Correction for Length + 10.11
Allowance for Deck Erections - 9.70
Correction for Round of Beam..... + .44
Correction for fall in Sheer (if any)..... + .23
Correction for Steel Deck (if required) 143.69

Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) *margin for side scuttles to give freeboard asked for by builders.* 23.31
167.00

Winter Freeboard
Summer Freeboard 167.00
Indian Summer Freeboard
N. A. Winter Freeboard

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 " " "

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

Tropical Fresh Water Line above Centre of Disc ...	8"	Tropical Fresh Water Freeboard ...	13'-11"
Fresh Water Line " " ...	8"	Fresh Water " " ...	13'-3"
Tropical Line " " ...		Tropical " " ...	13'-3"
Winter Line below " " ...		Winter " " ...	13'-11"
Winter North Atlantic Line " " ...		Winter North Atlantic " " ...	13'-11"

25 MAY 1932

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MARKING FORM
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Information