

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 **23.1.33**
Name of Surveyor

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
" MURTON. "	Marseilles <i>French</i>		4914	1920	+ 100 A.1.
Number in Register Book					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	386.1	52.6	26.3	4079.46
Length on LOADLINE.	385.6	Frame Depth 9 Rule 2 2/3 - .50	Ceiling <i>laid</i> . Sheer - .19 <i>Space Ceiling Fitted</i> <i>Level Tanks.</i>	Peak } <i>included</i> Tanks }
CORRECTED DIMENSIONS.	385.6	52.10	26.11	4079.46

Moulded Depth as measured.....**28'-6"**
Addition for Keel below base line for draught record.....**2 1/2** 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.....	385.6
Length in Table	342.0
Difference	43.6
Correction for 10ft., Table A.	1.5
× Difference divided by 10	6.54
If 1/10ths length covered divide by 2	+6 1/2
Table C.	7
(if required.)	3.05
	+ 3"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	549
Thickness of usual wood deck, less stringer	3 1/2
	1.92
	- 1'-9"-2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	
Round of Beam	
Normal round.....	
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.

Freeboard, Table A	6'-11"
Correction for Sheer	+ 1 3/4
	7'-0 3/4
Correction for Length	+ 6 1/2
	7'-7 1/4
Allowance for Deck Erections	- 1'-3 1/4
	6'-4"
Correction for Round of Beam.....	✓
Correction for fall in Sheer (if any).....	✓
Correction for Steel Deck (if required)	- 2"
	6'-2"
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡	✓
Other Corrections (if any)	✓

Winter Freeboard	6'-2"
Summer Freeboard (4.6) 5"	5'-9"
Indian Summer Freeboard	5'-4"
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 " " " "	

Co-efficient of fineness.....	.78
Any modification necessary [Para. 4 (a) to (e)]*	C.D.B. - .02
Co-efficient as corrected76
Sheer { Stem..... 8'-0" at { Sternpost ... 3'-0" } 11'-0" ÷ 2 = 5'-6" ...Mean	
Sheer at 1/3 of the length from { Stem 3'-2 1/2" Sternpost 8'-2" } 3'-11" ÷ 2 = 1'-11 1/2" ...Mean	
Gradual mean Sheer	41.55
Standard mean Sheer [Table, Para. 18]	48.56
Difference.....	7.01
Correction	÷ 4 = 1.75
§ If limited as Para. 18 (f)	+ 1 3/4"

Rise in Sheer from amidships { At front of bridge house..... [Para. 18 (e)] { At after end of forecastle	✓
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Fall in Sheer { Para. 18 (d) } ÷ 2 =	✓
Length uncovered	Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	3'-9 1/2"
Correction for Length, if required (Para. 12, 13, and 14)	+ 3"
	4'-0 1/2"
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	7'-0 3/4 7 1/4
Difference	3'-5 1/4 6 3/4
Percentage as below.....	35.94%
	15.36 44.10

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	✓
Allowance for Deck Erections	- 15 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	42'-1 1/2"	42'-1 1/2"	7'-8"-7'-3"
Bridge House	21'-3"	10'-7 1/2"	8'-0"
† Raised Qr. Dk.....	21'-3"	10'-7 1/2"	"
Poop.....	35'-9"	35'-9"	"
Total		211'-7 1/2"	✓
Length of Ship		385.6	✓
Corresponding percentage { Para. 11, 12, 13, and 14 }	35.94%		✓

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

Tropical Fresh Water Line above Centre of Disc ...	11'-31"	287 m/f	Tropical Fresh Water Freeboard ...	1466
Fresh Water Line " " ...	6'-31"	160	Fresh Water " " ...	1593
Tropical Line " " ...	5'-00"	127	Tropical " " ...	1626
Winter Line below " " ...	5'-00"	127	Winter " " ...	1880
Winter North Atlantic Line " " ...	✓	✓	Winter North Atlantic " " ...	✓

$$FW = \frac{10100}{40 \times 40} = 6.31 =$$

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