Freeboard for Voyage Only

Rpt. 11b.

Index No. 32061
(For London Office only.)

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: Glasgow
Date of Survey: 26/5/26
Name of Surveyor:

Ship's Name.	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
"Arthur Beneharan"	Matadi			1926	100 A.1. for Towing Purposes

Number in Register Book

	Length.	Breadth.	Depth.	Under Deck Tonnage.
Registered dimensions from Ship's Register.	78.0'	18.1'	7.7	71.87
Length on Loadline.	77.75'	Frame Depth 3" Rule " 2½" 2 × ½ = .08 ctc Spans. +.25	Ceiling +.16 Sheer +.28	Peak Tanks } incl. for Spaces in E.R. +1.75 T.
Corrected Dimensions.	77.75'	18.27	8.14	73.62

Co-efficient of fineness..... .63

Any modification necessary [Para. 4 (a) to (e)]* ✓

Co-efficient as corrected ..... lowest in Tables .68

Sheer at { Stem..... 36½" / Sternpost ... 18" } 54.5" ÷ 2 = 27.25"...Mean

28.18 / 17.77 / 10.41 / .288

Sheer at ⅛ of the length from { Stem 21" / Sternpost 10" } 31" ÷ 2 = 15.5"...Mean

Gradual mean Sheer ..... 27.71" ÷ .55 = 28.18"

Standard mean Sheer [Table, Para. 18] ..... 17.77" — Correction

Difference..... 9.94 ÷ 4 = 2.48"

§ If limited as Para. 18 (f) ..... 17.77 / 8 ..... = 2.22 = −2¼"

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

Fall in Sheer Para. 18 (d) } ÷ 2 = ✓

Length uncovered ..... Correction

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....

Correction for Length, if required (Para. 12, 13, and 14) .....

Freeboard by Table A. corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)

Difference .....

Percentage as below.....

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

Allowance for Deck Erections .....

	Length.	Length allowed.	Height.
Forecastle.....	.....	.....	
Bridge House	.....	.....	
† Raised Qr. Dk.....	.....	.....	...
Poop.....	.....	.....	
Total			
Length of Ship			
Corresponding percentage (Para. 11, 12, 13, or 14)			

Moulded Depth as measured..... 8'-6"
Rule wood deck less str. = 2¼ / Teak sheathing fitted. = 2 / ¼ — ¼
8 - 5¾

Addition for Keel below base line for draught record.....5.....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..... 77.75'
Length in Table ..... 101.75'
Difference ..... 24.0'
Correction for 10ft., Table A. ..... .8 Table C.
× Difference divided by 10 ..... 1.92 (if required.)
If 6/10ths length covered divide by 2 — 2"

CORRECTION FOR IRON DECK.

Proportion covered, if less than 7/10ths length covered .....
Thickness of usual wood deck, less stringer ..... 2¼". 2" fitted
Moulded depth reduced

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..... 18.0'
Round of Beam ..... 6"
Normal round..... 4½"
Difference ..... 1½ ÷ 2 =..... ¾
Proportion of Deck uncovered (Para. 19) ..... — ¾"

Freeboard, Table A ..... 1'—1"
Correction for Sheer ..... — 2¼" = 0'—10¾"
Correction for Length ..... — 2" = 0'—8¾"
Allowance for Deck Erections ..... ✓
Correction for Round of Beam..... — ¾" = 0'—8"
Correction for fall in Sheer (if any)..... ✓
Correction for 2" wood ~~Steel~~ Deck (if required) allowed in reduced mld. depth ✓
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ .....
Other Corrections (if any) for trim by stern & to correspond to an approved extreme draught of 7'-9" for the voyage to Belgian Congo. + 8" = 1'—4"

Winter Freeboard ..... 1'—4"
Summer Freeboard .....
~~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. + 1"

Winter Freeboard from deck line ..... 1'—5"
Summer " " " " .....
~~Indian Summer~~ " " " .....
~~N. A. Winter~~ " " " " .....

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (~~Steel~~) Deck :— ... ... 1'—5" for all seasons

Fresh Water Line above centre of Disc ... ... 2" For voyage to the Belgian Congo Only
~~Indian Summer Line~~ " " " ... ... ✓
~~Winter Line~~ below " " ... ... ✓
~~Winter North Atlantic Line~~ " " " ... ... ✓

8-6½
8-9¼
1-5
7-4¼
Extreme 7-9¼

28 JUL 1929

RECEIVED 6/8/29.

* If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.

† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

‡ State dimensions of freeing port area on back of this form.

¶ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

2m,3,28. T.

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