

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

Index No. **32242**
(For London Office only)No. **29349**

PARTICULARS RELATING TO A STEAM SHIP 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 **Sunderland**
Date of Survey **31.12.26**
Name of Surveyor **T. Shaw**

Ship's Name.
Messrs Bartram's
No 260
Number in Register Book

Port of Registry
and Nationality.Official
Number.Gross
Tonnage.

Date of Build.

Particulars of Classification.

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
Length on LOADLINE.	395.0	54.0	28.9	5080
CORRECTED DIMENSIONS.	395.0	52.17	29.98	5200

Co-efficient of fineness..... **.819**
Any modification necessary
[Para. 4 (a) to (e)]* **.02 008**
Co-efficient as corrected **.79.80**

Sheer { Stem..... **105"**
at { Sternpost ... **72"** $177 \div 2 = 88.5$ Mean **361.39**
Sheer at $\frac{1}{8}$ of the length from { Stem **57.4**
Sternpost **40** $97.75 \div 2 = 48.87$ Mean **48.87**
Gradual mean Sheer **88.5 + 88.856**
Standard mean Sheer [Table, Para. 18] **88.678**
Difference..... **44.50** Correction
§ If limited as Para. 18 (f) **39.17** $\div 4 = 9.79$
- 9.79

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastle

Fall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **5.041**
Correction for Length, if required (Para. 12, 13, and 14) **+1.4**
Freeboard by Table A, corrected for sheer, and for length,
if required (Para. 12, 13, and 14) **5.214**
Difference **1.849**
Percentage as below..... **2.6**
28.33%
8.71

Correction for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11) **-8.4**
Allowance for Deck Erections

	Length.	Length allowed.	Height.
Forecastle.....	35.0	35.0	8.0
Bridge House	109.5 including 4.6 on each side (2.3 each end)	107.8	
† Raised Qr. Dk.....	34.0	34.0	
Poop.....	178.5	176.8	
Total	395.0	395.0	

Length of Ship **395.0**
Corresponding percentage
(Para. 12, 13, and 14) **28.33%**

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Steel) Deck:—
Fresh Water Line above centre of Disc **6.7**
Indian Summer Line " " " " **6.2**
Winter Line below " " " " **5.2**
Winter North Atlantic Line " " " " **5.2**

† 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 amid-
ships 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.

Moulded Depth as measured..... **31.6**
Addition for Keel below base line
for draught record..... inches.

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

31.6
1.0
32.6
3.7
28.10

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... **395.0**
Length in Table **378.0**
Difference **17.0**
Correction for 10ft., Table A. **1.6**
× Difference divided by 10 **2.72**
If $\frac{1}{10}$ ths length covered divide by 2 **+2.72**

Table C.

.8

(if required.)

1.36

+1.4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered **.4476**
Thickness of usual wood deck, less stringer **3.2**
1.57 **-1.2**

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **53.5**
Round of Beam **12**
Normal round..... **13.37**
Difference **1.37** $\div 2 =$ **.68**
Proportion of Deck uncovered (Para. 19) **.5544**
.548 **.37** **+1.4**

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

Freeboard, Table A **8.324**
Correction for Sheer **.94**
Correction for Length **7.546**
+2.72
Allowance for Deck Erections **7.849**
-8.4
Correction for Round of Beam..... **6.4476**
+1.4
Correction for fall in Sheer (if any)..... **7.0**
Correction for Steel Deck (if required) **-1.2**
Additions for non-compliance with provisions of
Para. 11 (d) and (e)† **6.10211**
Other Corrections (if any)

Winter Freeboard **6.10211**
Summer Freeboard (5.62) **5.94** **6.4476**
Indian Summer Freeboard **5.11**
N.A. Winter Freeboard **5.11**
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. **1.74**

Winter Freeboard from deck line **7.0434**
Summer " " " " **6.647**
Indian Summer " " " " **6.0414**
N.A. Winter " " " " **6.647**

Winter Freeboard from deck line **7.0434**
Summer " " " " **6.647**
Indian Summer " " " " **6.0414**
N.A. Winter " " " " **6.647**

† 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.

