

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD. ~~STEAM~~ ^{MOTOR} SHIPS.

-7 MAY 1929

Index No.
(For London Office only.)

N^o 95320.

PARTICULARS RELATING TO ALL ~~STEAM SHIPS~~ ^{MOTOR} FLUSH DECKED, OR WITH
FOR GALLEY 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 Birkenhead
Date of Survey 30 April & subsequently
Name of Surveyor C. H. Deau.

Ship's Name. HURLAND CASTLE Port of Registry and Nationality. British Official Tonnage. ✓ Date of Build. 1929 Particulars of Classification. 100A.1.1/Contemplated

Number in Register Book
Registered Length on LOADLINE. 450
LENGTH. 464.6 BREADTH. 60.33 DEPTH. 25.85 UNDER DECK TONNAGE. 5727.72

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.

Corrected Length. 450.0 Corrected Breadth. 59.50 Corrected Depth. 29.69 Corrected Under Deck Tonnage. 5806.72

CORRECTION FOR LENGTH.
Length of Ship on Loadline..... 450
Length in Table 378
Difference 72
Correction for 10ft., Table A. 1.6 Table C.
× Difference divided by 10 11.52 (if required.)
If $\frac{1}{10}$ ths length covered divide by 2 5.76
+5 3/4

Co-efficient of fineness..... .731
Any modification necessary [Para. 4 (a) to (e)]* C.D.B.
Co-efficient as corrected71

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered
Thickness of usual wood deck, less stringer 3 1/2" — 3 1/2"

Sheer { Stem 114 } 168 ÷ 2 = 84 Mean
Sternpost 54
Sheer at $\frac{1}{8}$ of the length from { Stem 64 1/2 } 95 ÷ 2 = 47.5 Mean
Sternpost 30 1/2
Gradual mean Sheer 86.36
Standard mean Sheer [Table, Para. 18] 55.00 Correction
Difference..... 30.18 ÷ 4 = 7.54
If limited as Para. 18 (f) -7 1/2

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 60'-0"
Round of Beam 14 1/2"
Normal round..... 15'-0"
Difference 1/2 ÷ 2 = 1/4
Proportion of Deck uncovered (Para. 19)007 NIL

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

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

Freeboard, Table A 4'-11"
Correction for Sheer -4 1/2"
Correction for Length 4'-3 1/2"
Allowance for Deck Erections +5 3/4"
Correction for Round of Beam..... 4'-9 1/4"
Correction for fall in Sheer (if any)..... -2'-3 3/4"
Correction for Steel Deck (if required) 5'-2"
Additions for non-compliance with provisions of Para. 11 (d) and (e) ‡ -3 1/2"
Other Corrections (if any) 5'-2"

ALLOWANCE FOR DECK ERECTIONS:—
Freeboard, Table C..... 4'-10"
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) 4'-3 1/2"
Difference 2'-5 1/2"
percentage as below..... 94.3%
27.82

Winter Freeboard 5'-2"
Summer Freeboard 4'-4 1/2"
Indian Summer Freeboard 4'-1"
N.A. Winter Freeboard 4'-1 1/4"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) -2'-3 3/4"
Allowance for Deck Erections
Length. Length allowed. Height.
Forecastle..... 42'-4" 416.69 8'-8"
Bridge House 42'-0" 8'-6"
Savage opening 5'-6" 8'-6"
Pop..... 27'-6" 26.88 8'-6"
Total 443.54
Length of Ship 3.21 ÷ $\frac{1}{2}$ diff 446.78
Corresponding percentage { 94.3% 450.0
(Para. 11, 12, 13, or 14)

Correction necessary because cleat 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 5'-8 3/4"
Summer " " " " 4'-9 1/4"
Indian Summer " " " " 4'-2 3/4"
N.A. Winter " " " " 4'-9"

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck 4'-9"
Fresh Water Line above centre of Disc 6 1/2"
Indian Summer Line " " " " 6 1/2"
Winter Line below " " " " 6 1/2"
Winter North Atlantic Line " " " " 6 1/2"

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.

† 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 sternpost. 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.

002762-002769-0163

Lloyd's Register Foundation

Tonnage Opening Fitted.

