

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS HAVING SPAR OR AWNING DECKS.

 Port of Survey Falmouth
 Date of Survey 21/3/34
 Name of Surveyor Arthur Sallard

TOWER CROWN

| Ship's Name. | Port of Registry and Nationality. | Official Number. | Gross Tonnage. | Date of Build. | Particulars of Classification. |
|-------------------------|-----------------------------------|------------------|----------------|----------------|--|
| <u>EXBOTHWELL</u> | <u>London</u> | <u>143057</u> | <u>6723</u> | <u>1919</u> | <u>+ 100 A1 Shelter Deck with Freeboard.</u> |
| Number in Register Book | <u>British</u> | | | | |

| Registered dimensions from Ship's Register. | LENGTH. | BREADTH. | DEPTH. | UNDER DECK Tonnage. |
|---|---------------|---|--|---------------------|
| | <u>412.50</u> | <u>55.50</u> | <u>34.40</u> | <u>6448.32</u> |
| Length on LOADLINE | <u>410.79</u> | Frame Depth $\frac{1}{2}$ Rule " <u>62</u> $48 \times 2 = 96$ Lower sparings $\frac{1}{2}$ Tank top level | At bilges only Ceiling $+ 20$ Sheer $+ 1.13$ Peak Tanks } Incl. $- 10.32$ Less bilge of Curved stem | |
| CORRECTED DIMENSIONS. | <u>410.79</u> | <u>54.83</u> | <u>35.73</u> | <u>6438.0</u> |

 Moulded Depth as measured 29.40" Main Deck.
 " " " 37.05" Spar or Awning Deck.
Keel below base line = 22.

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.

CORRECTION FOR LENGTH:—

 Length of Ship on Load Line..... 410.75
 Length in Table..... 348.00
 Difference..... 62.79
 Correction for 10ft..... 7
 \times Difference $\div 10 =$ 4.39
+ 4 $\frac{1}{2}$ "

 Co-efficient of fineness805 say .80
 Any modification necessary [Para. 4 (a) to (e)] } .02 Cell. D Bottom Curved stem
 Co-efficient as corrected78 to Shelter Deck
 Say .76 to Upper Deck

 Allowance for strength in excess of Lloyd's rules = 32 $\frac{1}{2}$ "
Table A limit

State particulars—

 Vessel constructed with deep channel frames $12 \times 3\frac{1}{2} \times 3\frac{1}{2} \times .60$ extends to Shelter deck on alternate frame stations from frame 24 to frame 149 the intermediate angle frames being dispensed with.
 Two complete steel decks

 Beams at every frame at Shelter deck.
 8 W.T. Bulbheads — 6 to Shelter deck
 2 vig Deep Tank bulbheads
 Boiler Room Bulbhead to upper deck.

 Sheer at Stem 32.00 } Mean at $\frac{1}{2}$ length from Stem 72.05 } Mean
 Sternpost... 57.5 } " " " Sternpost... 29.07 } 55.56
Drop in Sheer abaft amidships..... Nil
 Round of Spar-deck Beam..... 13
 " " Main-deck " 13 $\frac{1}{2}$
50.56 \div 55 = 91.92
57.07
36 40.85
1.13

| | Length | \times | Height. | State if open or closed at ends. |
|--|----------------|----------|--------------|--|
| Forecastle..... | <u>35'-10"</u> | \times | <u>7'-0"</u> | <u>2 openings 3'-6"</u> |
| Bridge..... | | \times | | <u>wide fitted with</u> |
| Projection of h.w.l. on Poop. Forecastle deck \times | <u>34'-2"</u> | | | <u>stern boards full height in twin channels</u> |

 Height of 'Tween Decks..... 8'-0" at centre
 (From top of beam to top of beam at side) 8'-0 $\frac{1}{2}$ " at sides.
 Correction for Height of 'Tween Decks in Spar-decked Ships.....

| | |
|---|--|
| Freeboard Table B or C | <u>3'-11 $\frac{1}{2}$"</u> |
| Correction for Length..... | <u>+ 4 $\frac{1}{2}$"</u> |
| | <u>4-4</u> |
| Correction for Height of 'Tween Decks in Spar-decked Ships..... | <u>8'-0 $\frac{1}{2}$"</u> |
| | <u>12-4 $\frac{1}{2}$"</u> |
| Correction for Strength in excess of Lloyd's rules..... | <u>2-8 $\frac{1}{2}$"</u> |
| | <u>9-8</u> |
| Correction for Iron Deck if required..... | <u>- 3 $\frac{1}{2}$"</u> |
| | <u>9-4 $\frac{1}{2}$"</u> |
| Other Corrections (if any)..... | |

| | |
|------------------------------|---------------------------------------|
| Winter Freeboard..... | <u>9'-4 $\frac{1}{2}$"</u> |
| Summer Freeboard | <u>8'-10"</u> |
| Indian Summer Freeboard..... | <u>8'-3 $\frac{1}{2}$"</u> |
| N.A. Winter Freeboard..... | <u>✓</u> |

 Correction necessary because clearside amidships measured in accordance with the Statute is not taken at intersection of the wood or steel deck with side } Nil

| | |
|---------------------------------------|--|
| 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 ... | <u>14 $\frac{1}{2}$"</u> ✓ |
| Fresh Water Line " " " ... | <u>8"</u> ✓ |
| Tropical Line " " " ... | <u>6 $\frac{1}{2}$"</u> ✓ |
| Winter Line below " " " ... | <u>6 $\frac{1}{2}$"</u> ✓ |
| Winter North Atlantic Line " " " ... | <u>✓</u> |

| | |
|------------------------------------|--|
| Tropical Fresh Water Freeboard ... | <u>8'-9 $\frac{3}{4}$"</u> ✓ |
| Fresh Water " " " ... | <u>7'-7 $\frac{1}{4}$"</u> ✓ |
| Tropical " " " ... | <u>8'-13 $\frac{1}{4}$"</u> ✓ |
| Winter " " " ... | <u>8'-3 $\frac{1}{2}$"</u> ✓ |
| Winter North Atlantic " " " ... | <u>9'-4 $\frac{1}{4}$"</u> ✓ |

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