

# 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 SPALATO  
Date of Survey 10 APRIL 1924  
Name of Surveyor M. Bonaventura

*Now YEWGLIN. Q.N. 137788*

|  |   |                              |                              |                                |  |
|--|---|------------------------------|------------------------------|--------------------------------|--|
| Ship's Name.<br><u>S/S. LOKRUM ex FAIRMUIR</u> | Port of Registry and Nationality.<br><u>Jugoslav.</u> | Official Number.<br><u>✓</u> | Gross Tonnage.<br><u>593</u> | Date of Build.<br><u>1915.</u> | Particulars of Classification.<br><u>+ 100 A1.</u> |
| Number in Register Book <u>25961</u>           |   |                              |                              |                                |  |

|   |                         |   |   |   |
|---|-------------------------|---|---|---|
| Registered dimensions from Ship's Register. | LENGTH.<br><u>175.8</u> | BREADTH.<br><u>28.1</u>                                     | DEPTH.<br><u>10.45</u>                      | UNDER DECK TONNAGE.<br><u>420</u><br><u>419.95</u>  |
| Length on LOADLINE.                         | <u>175.0</u>            | Frame Depth <u>5 1/2</u><br>Rule " <u>3</u><br><u>2 1/2</u> | Ceiling <u>fitted</u><br>Sheer <u>+ .98</u> | Peak Tanks<br><u>4 below BR.</u><br><u>- 5 tons</u> |
| CORRECTED DIMENSIONS.                       | <u>175.0</u>            | <u>27.68</u>  | <u>11.43</u>                                | <u>414.95</u>                                       |

Co-efficient of fineness..... .75  
Any modification necessary } C.O.B.  
[Para. 4 (a) to (e)]\*  
Co-efficient as corrected ..... .73

Sheer { Stem..... 69 }  $120 \div 2 = 60$  ...Mean 36  
 at { Sternpost ... 51 } 35.5

Sheer at 1/3 of the length from { Stem 39.75 }  $69.25 \div 2 = 34.62$  ...Mean 98  
 { Sternpost 29.50 }  $\div 55 = 63$

Gradual mean Sheer ..... allowed ..... 61.5

Standard mean Sheer [Table, Para. 18] ..... 27.5 Correction

Difference..... 34.0  $\div 4 =$  -8 1/2"

§ If limited as Para. 18 (f) .....

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

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

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0'-4"

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

Freeboard by Table A, corrected for sheer, and for length, }  
if required (Para. 12, 13, and 14) } 1-1/2

Difference ..... 0-9 1/2

Percentage as below..... 66.94%

Correction for R. Q. Dk. if engine and boiler openings not }  
covered by bridge house (Para. 11) } + 1/4

Allowance for Deck Erections ..... - 6"

|                      | Length.        | Length allowed. | Height.          |
|----------------------|----------------|-----------------|------------------|
| Forecastle.....      | <u>26'-6"</u>  | <u>24.18</u>    | <u>6'-4 3/4"</u> |
| Bridge House .....   | <u>11'-0"</u>  | <u>11.00</u>    | <u>4'-0"</u>     |
| † Raised Qr. Dk..... | <u>101'-8"</u> | <u>101.25</u>   | <u>3'-6 1/2"</u> |
| Poop.....            | <u>-</u>       | <u>-</u>        | <u>-</u>         |
| Total .....          | <u>-</u>       | <u>136.43</u>   | <u>-</u>         |
| Length of Ship ..... | <u>175</u>     | <u>175</u>      | <u>= 77.96.</u>  |

Corresponding percentage }  
(Para. 11, 12, 13, or 14) } 66.94%

### FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—

|                            |                      |       |
|----------------------------|----------------------|-------|
| Fresh Water Line           | above centre of Disc | ..... |
| Indian Summer Line         | " " "                | ..... |
| Winter Line                | below " "            | ..... |
| Winter North Atlantic Line | " " "                | ..... |

• 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 sternpost.

Moulded Depth as measured..... 12'-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.

### CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 175.0  
 Length in Table ..... 150.0  
 Difference ..... 25.0  
 Correction for 10ft., Table A. .... .9 Table C. ✓  
 × Difference divided by 10 ..... 2.25 (if required.)  
 If 1/10ths length covered divide by 2 1.12 + 1"

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered .....  
Thickness of usual wood deck, less stringer ..... 3 - 3."

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 28.0  
 Round of Beam ..... 8" 6 3/4  
 Normal round..... 7  
 Difference .....  $\frac{7}{4} \div 2 =$  1/8  
 Proportion of Deck uncovered (Para. 19) .....

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

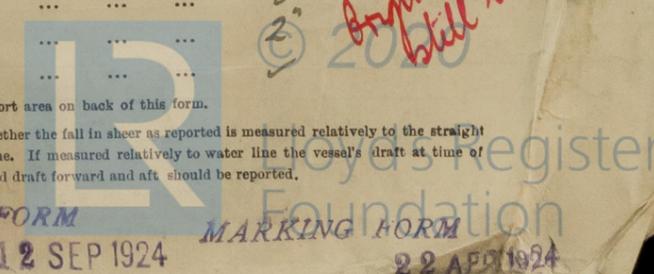
Freeboard, Table A ..... 1'-10"  
 Correction for Sheer ..... 8 1/2  
 $\frac{8 1/2}{1-1 1/2}$   
 Correction for Length ..... + 1  
 $\frac{1}{1-2 1/2}$   
 Allowance for Deck Erections ..... - 6  
 $\frac{6}{0-8 1/2}$   
 Correction for Round of Beam.....  
 Correction for fall in Sheer (if any).....  
 Correction for Iron Deck (if required) ..... - 3  
 $\frac{3}{0-5 1/2}$   
 Additions for non-compliance with provisions of }  
 Para. 11 (d) and (e) }  
 Other Corrections (if any) Height of R.Q.D. ..... 3-6  
 $\frac{3-6}{3-11 1/2}$

Winter Freeboard ..... 3'-11 1/2"  
 Summer Freeboard ..... 3'-9 3/4"  
 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 ..... 4'-0 1/2"  
 Summer " " " ..... 3'-10 3/4"  
 Indian Summer " " " .....  
 N. A. Winter " " " .....  
 R.Q.D. " " " ..... 3'-10 1/2"

*Same as before. Original Assignment still valid.*



Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck? YES Bridge House? YES Forecastle? YES  
 To what height do the Reverse Frames extend? Bulk angle frame dipping with reverse frame.  
 Has the ~~Poop~~ or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? YES  
 Give particulars of the means for closing the openings in Bulkhead NONE  
 Is the ~~Poop~~ or Raised Quarter Deck connected with the Bridge House? YES Has the Bridge House an efficient Bulkhead at the fore end? YES  
 Give particulars of the means for closing the openings in Bulkhead NONE  
 What is the thickness of the Bridge Front plating? 1/20" and Coaming plate? 1/20" x 3" x 40" @ 30° apart (see previous report)  
 Give scantlings and spacing of the Stiffeners PLATING 3/32" BA. 5 1/2 x 3 x 40" @ 30° apart (ALL COVERED WITH WOOD)  
 Are bracket plates fitted at each end of the Stiffeners? TOP & BOTTOM YES Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? YES  
 Has the Bridge House an efficient Iron Bulkhead at the after end? YES  
 How are the openings closed? NO OPENINGS  
 Is the Forecastle at least as high as the main or top-gallant rail? YES Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? OPENED  
 Are the Engine and Boiler openings covered by a ~~Bridge, Poop, Raised~~ YES (AND STEEL DECK HOUSE)  
 Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? YES  
 Give thickness of plating; scantlings and spacing of Stiffeners COM. 3/20; 1/20" PLATE STIFFENERS 3 1/4" x 3 1/4" x 1/20" SPACING, 36  
 What is the height of the exposed Casings? 7'-0" Are suitable means provided for closing all openings in them in bad weather? STEEL DOORS.

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below: YES.

| Position and Size.            | N <sup>o</sup> 1 - 36'-11" x 13'-11" |                       | N <sup>o</sup> 2 - 32'-4" x 13'-11" |       | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. |
|-------------------------------|--------------------------------------|-----------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|
| COAMING                       | Ship.                                | Rule.                 | Ship.                               | Rule. |       |       |       |       |       |       |
| Height above top of DECK      | 30 3/4"                              |                       | 30 3/4"                             |       |       |       |       |       |       |       |
| Thickness                     | Sides                                | 1/2"                  | 1/2"                                |       |       |       |       |       |       |       |
|                               | Ends                                 | 1/2"                  | 1/2"                                |       |       |       |       |       |       |       |
| SHIFTING BEAMS OR WEB PLATES. | Number                               | 5                     | 5                                   |       |       |       |       |       |       |       |
|                               | Section and Scantlings               | 7 1/2" x 3 3/8" x 14" | 7 1/2" x 3 3/8" x 14"               |       |       |       |       |       |       |       |
|                               | Material                             | STEEL                 | STEEL                               |       |       |       |       |       |       |       |
| * FORE AND AFTERS.            | Number                               | NONE                  | NONE                                |       |       |       |       |       |       |       |
|                               | Section and Scantlings               |                       |                                     |       |       |       |       |       |       |       |
|                               | Material                             |                       |                                     |       |       |       |       |       |       |       |
| HATCHES Thickness             | 3 1/2"                               |                       | 2 1/2"                              |       |       |       |       |       |       |       |
| Remarks                       | ✓                                    |                       | ✓                                   |       |       |       |       |       |       |       |

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.  
 (If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.  
 What is the thickness of the Bridge Sheerstrake? ✓ Strake between Main and Bridge Sheerstrakes? ✓

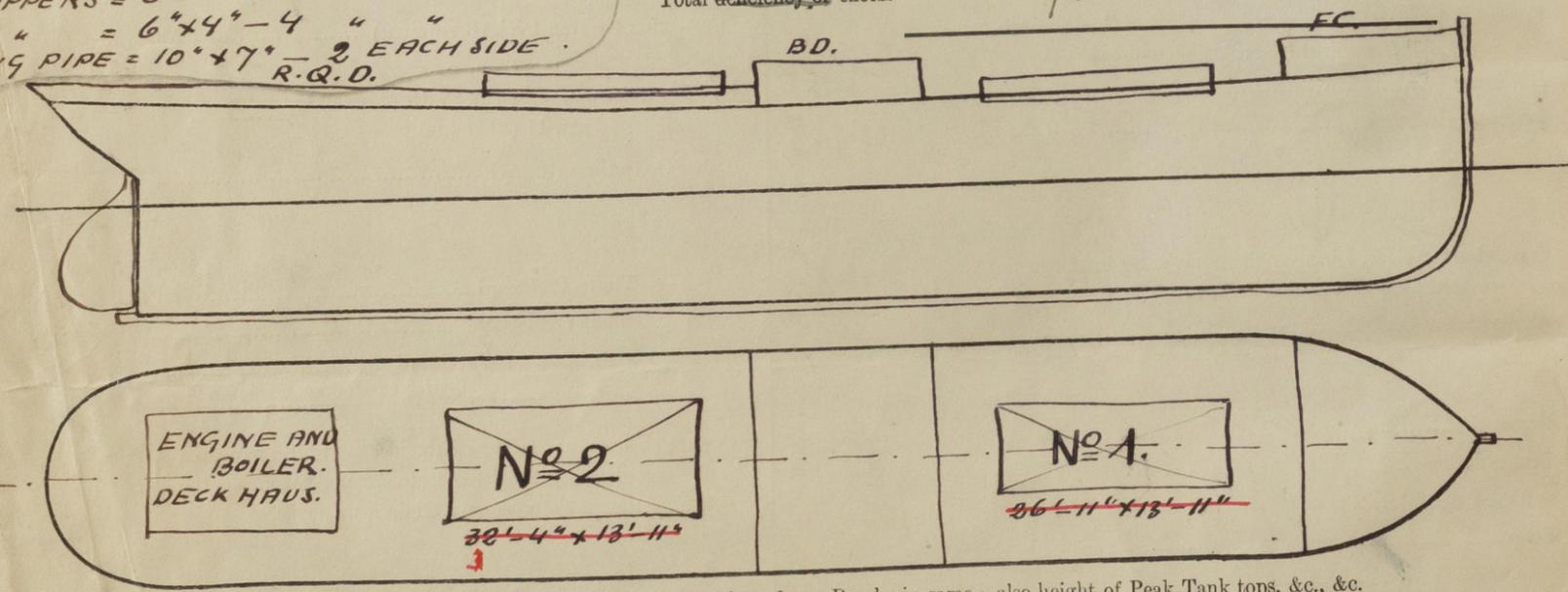
Delete the words The Crew are not, berthed in the bridge house.  
 that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well 36'-8"  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 10.16 Sq. ft.  

|            |                   |  |
|------------|-------------------|--|
| FORE WHEEL | 37 1/2" x 21" x 2 | } Freeing Ports (each side of vessel) = <u>10.92</u> Sq. ft. |
| R.Q.D.     | 37 1/2" x 21" x 3 |  |

SCOPPERS = 6" x 4" - 2 EACH SIDE  
 " = 6" x 4" - 4 " "  
 MORING PIPE = 10" x 7" - 2 EACH SIDE.  
 R.Q.D.

Total deficiency or excess = .76 Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel ✓  
 Builder's name and yard number = ARDROSSAN S.B. Co No 262  
 Names of sister vessels ✓  
 Owners MATIEVICH AND BROSS Co.  
 Address TRIESTE - VIA SANITA N<sup>o</sup> 10.  
 Fee £100 = 196.00 - Received by me

