

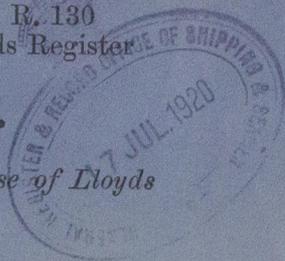
# (LLOYDS REGISTER.)

G. R. 130  
Lloyds Register

## VESSELS OF 100 TONS AND UPWARDS.

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Signal Letters (if any) **K.G.H.D.**



|                                                                                                                 |                                                                                                         |                                                                       |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Official Number.<br><b>143569</b>                                                                               | Name of Ship.<br><b>Tairoa</b>                                                                          | No., Date, and Port of Registry.<br><b>34 in 1920<br/>Southampton</b> |
| No., Date, and Port of Previous Registry (if any).                                                              |                                                                                                         |                                                                       |
| Whether British or Foreign Built.<br><b>British</b>                                                             | Whether a Sailing or Steam Ship; and if a Steam Ship how propelled.<br><b>Steam Ship<br/>Twin Screw</b> | Where Built.<br><b>Walker-on-Tyne</b>                                 |
|                                                                                                                 |                                                                                                         | When Built.<br><b>1920</b>                                            |
| Name and Address of Builders.<br><b>Sir W.G. Armstrong &amp; Co. Ltd.<br/>Armstrong Road, Newcastle-on-Tyne</b> |                                                                                                         |                                                                       |
| Number of Decks<br><b>Two shelter deck</b>                                                                      | Length from fore part of stem, under the bowsprit, to the aft side of the head of the stern post        | Feet.<br><b>478</b>                                                   |
| Number of Masts<br><b>Two</b>                                                                                   | Length at quarter of depth from top of weather deck at side amidships to bottom of keel                 | Tenths.<br><b>1.6</b>                                                 |
| Rigged ...<br><b>Fore and aft schooner</b>                                                                      | Main breadth to outside of plank                                                                        | <b>63</b>                                                             |
| Stern ...<br><b>elliptical</b>                                                                                  | Depth in hold from tonnage deck to ceiling at midships                                                  | <b>31</b>                                                             |
| Build ...<br><b>blinker</b>                                                                                     | Depth in hold from upper deck to ceiling at midships, in the case of three decks and upwards            | <b>35</b>                                                             |
| Galleries ...<br><b>none</b>                                                                                    | Depth from top of beam amidships to top of keel                                                         | <b>34</b>                                                             |
| Head ...<br><b>none</b>                                                                                         | Round of beam                                                                                           | <b>9.3</b>                                                            |
| Framework and description of vessel ...<br><b>steel cargo vessel</b>                                            | Length of engine room, if any                                                                           | <b>9</b>                                                              |
| Number of Bulkheads ...<br><b>nine</b>                                                                          |                                                                                                         |                                                                       |
| Number of water ballast tanks, and their capacity in tons ...<br><b>Thirteen<br/>1556 tons</b>                  |                                                                                                         |                                                                       |

### PARTICULARS OF DISPLACEMENT.

Total to quarter the depth from weather deck at side amidships to bottom of keel ... **16480** Tons. Ditto per inch immersion at same depth ... **59.12** Tons.

### PARTICULARS OF PROPELLING ENGINES, &c. (if any).

| No. of sets of Engines. | Description of Engines.                                                       | Whether British or Foreign made. | When made.  | Name and address of makers.                                             | Reciprocating Engines.                     |                   | Rotary Engines. | N. H. P. I. H. P. Speed of Ship. |
|-------------------------|-------------------------------------------------------------------------------|----------------------------------|-------------|-------------------------------------------------------------------------|--------------------------------------------|-------------------|-----------------|----------------------------------|
|                         |                                                                               |                                  |             |                                                                         | No. and Diameter of Cylinders in each set. | Length of Stroke. |                 |                                  |
| <b>Two</b>              | <b>Reciprocating<br/>Double expansion<br/>surface condensing<br/>vertical</b> | <b>British</b>                   | <b>1920</b> | <b>The North Eastern Marine Engineering Co. Ltd.<br/>Walker-on-Tyne</b> | <b>Four</b>                                | <b>22"</b>        | <b>48"</b>      | <b>1011</b>                      |
|                         | <b>Particulars of Boilers.</b>                                                | <b>British</b>                   | <b>1920</b> | <b>The North Eastern Marine Engineering Co. Ltd.<br/>Walker-on-Tyne</b> | <b>Four</b>                                | <b>31 1/2"</b>    | <b>48"</b>      | <b>5000</b>                      |
|                         | <b>Description of Boilers.</b>                                                | <b>British</b>                   | <b>1920</b> | <b>The North Eastern Marine Engineering Co. Ltd.<br/>Walker-on-Tyne</b> | <b>Four</b>                                | <b>45"</b>        | <b>65"</b>      | <b>12 1/2 Knots</b>              |
|                         | <b>Number</b>                                                                 |                                  |             |                                                                         |                                            |                   |                 |                                  |
|                         | <b>Iron or Steel</b>                                                          |                                  |             |                                                                         |                                            |                   |                 |                                  |
|                         | <b>Loaded Pressure</b>                                                        |                                  |             |                                                                         |                                            |                   |                 |                                  |

### PARTICULARS OF TONNAGE.

| GROSS TONNAGE.                                                                                    |                           | No of Tons.    | DEDUCTIONS ALLOWED.                                                                                                                                                                  |              | No. of Tons.   |
|---------------------------------------------------------------------------------------------------|---------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Under Tonnage Deck                                                                                |                           | <b>7418.41</b> | On account of space required for propelling power                                                                                                                                    |              | <b>2554.61</b> |
| Space or spaces between Decks                                                                     |                           |                | On account of spaces occupied by Seamen or Apprentices, and appropriated to their use, and kept free from goods or stores of every kind, not being the personal property of the Crew |              | <b>296.24</b>  |
| Forecastle                                                                                        | <b>Forecastle, upper</b>  | <b>77.48</b>   | These spaces are the following, viz.:—                                                                                                                                               |              |                |
| Bridge space                                                                                      | <b>Houses in</b>          | <b>92.83</b>   |                                                                                                                                                                                      |              |                |
| Side-Houses                                                                                       | <b>under shelter deck</b> | <b>34.57</b>   |                                                                                                                                                                                      |              |                |
| Deck Houses                                                                                       |                           | <b>246.07</b>  |                                                                                                                                                                                      |              |                |
| Chart House                                                                                       |                           |                |                                                                                                                                                                                      |              |                |
| Spaces for machinery, and light, and air, under Section 78 (2) of the Merchant Shipping Act, 1894 |                           |                | Deductions under Section 79 of the Merchant Shipping Act, 1894, and Section 54 of the Merchant Shipping Act, 1906, as follows:—                                                      |              |                |
| Excess of Hatchways                                                                               |                           | <b>13.89</b>   | Cubic Metres                                                                                                                                                                         |              |                |
| Gross Tonnage                                                                                     |                           | <b>7983.16</b> | Master's accommodation                                                                                                                                                               | <b>18.09</b> |                |
| Deductions, as per Contra                                                                         |                           | <b>2935.55</b> | Boatman's store room                                                                                                                                                                 | <b>11.10</b> |                |
| Registered Tonnage                                                                                |                           | <b>5047.61</b> | Chart House                                                                                                                                                                          | <b>16.15</b> | <b>84.70</b>   |
|                                                                                                   |                           |                | Wireless Telegraphy House                                                                                                                                                            | <b>8.49</b>  |                |
|                                                                                                   |                           |                | Water Ballast Tank                                                                                                                                                                   | <b>6.49</b>  |                |
|                                                                                                   |                           |                | Total                                                                                                                                                                                | <b>11.24</b> | <b>2935.55</b> |

NOTE 1.—The tonnage of the engine room spaces below the Upper Deck is **1258.82** tons, and the tonnage of the total spaces framed in above the Upper Deck for propelling machinery and for light and air is **254.04** tons.

NOTE 2.—The undermentioned spaces above the Upper Deck are not included in the cubical contents forming the ship's register tonnage.

|                                   |                   |   |            |
|-----------------------------------|-------------------|---|------------|
| Open space in upper Forecastle    | Length 38.8 feet  | = | 13.30 Tons |
| Open spaces under shelter deck    | Length 398.4 feet | = | 1643.95 "  |
|                                   | Length 4.9 feet   | = | 20.42 "    |
| Open Bridge space on shelter deck | Length 34.8 feet  | = | 109.74 "   |
|                                   | Length 180.3 feet | = | 647.24 "   |

Name of Master **Frank Kidman** Certificate of Service No. **004198**

Owners:  
Law Savell and Albion Company Limited,  
34 Leadenhall Street, City of London 32 shares.  
Oceanic Steam Navigation Company Limited,  
30 James Street, Liverpool 32 shares.  
Richard John Neal, 34 Leadenhall St., London E.C. is manager. Total **64** shares.  
Registered **3rd July 1920**