

With or Without  
Disconnected Erections.

STEEL STEAMER.

25 AUG 1924

Received at London Office

State if Report is also sent on the Machinery of the Vessel *yes*  
Date of completion of report *23<sup>rd</sup> August, 1924* Port of *Malmö*  
Survey held at *Malmö* Date, First Survey *15<sup>th</sup> December, 1922* Last Survey *6<sup>th</sup> August 1924* No. *597*  
On the (State if Single, Twin, or Triple Screw) *Single screw steamer* "FRYKEN" Rig *sr.*

TONNAGE under  
Tonnage Deck... *1280.01*  
Do. between Tonnage Dk. and 3rd and 4th Dk. *43.69*  
Total under Upper Dk. *1280.01*  
Do. of Poop *43.69*  
Do. of R.Q.Dk. *119.08*  
Do. of Bridge House *34.42*  
Do. of Forecastle *1477.20*  
Do. of House on Dk. *134.77*  
Do. of excess of Hatchways *267.53*  
Do. above Crown of Engine Room *5.15*  
Gross Tonnage *38.48*  
Less Crew Space *1031.27*  
Less above Crown of Engine Room  
TONNAGE FOR FEES...  
Engine Room  
Navigation Spaces  
Tank tanks  
Per Tonnage  
on Beam

CLASS *100 F1*  
Breadth (greatest moulded) *38.17*  
Depth, at middle of length from top of keel to top of upper deck beams at side *18.81*  
Transverse Number *4816*  
Length on deck from fore part of stem to after part of stern post *256.0*  
Longitudinal Number *14587*  
Depth "d," at middle of length (See Secs. 2 & 13) *16*  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel *13.6*  
" " Long Bridge Deck Beam at side to top of keel *9.9*  
Destined Voyage *✓*

Built at *Malmö*  
When built *1924* Launched *5<sup>th</sup> June, 1924*  
By whom built *Kockums Mek. Verkstads AB.*  
Owners *Angfartings AB. Fern*  
Managers *San Broström*  
Residence *Gothenburg*  
Port belonging to *Kristinehamn.*

Length on Deck *256* Feet. *0* Inches. BREADTH—Moulded *38* Feet. *2* Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *16* Feet. *10* Inches. No. of Decks with flat laid *one*  
Do. do. do. do. Second Dk. Beams *✓* No. of Tiers of Beams *one*  
Divisions of Ship per Register, Length *254.34* breadth *38.32* depth *16.50* Moulded depth, ft. *25* ins. *11/4* To Bridge Dk. Round of Upper Dk. Beam, Actual *10* ins.  
Moulded depth, ft. *18* ins. *9 3/4* To Upper Dk.

| FRAMING.  |       | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. |
|---|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| ME, Angles, or E or L Bars amidships  | 7     | 3               | .44             | 7               | 3               | .44             |                 |
| in peaks  | 5     | 3               | .36             | 5               | 3               | .36             |                 |
| in way of Double Bottoms at Solid Floors  | 3     | 3               | .32             | 3               | 3               | .32             |                 |
| " " at intermdt. Bkts.  | 5     | 3               | .30             | 5               | 3               | .30             |                 |
| ing of Frames from centre to centre amidships from 1/2 length to Collision bulkhead | 23    |                 |                 | 23              |                 |                 |                 |
| " " in peaks  | 23    |                 |                 | 23              |                 |                 |                 |
| to thirteen frames each side  | 23    |                 |                 | 23              |                 |                 |                 |
| ERSED FRAME, Angles   | 4     | 3               | .40             | 4               | 3               | .40             |                 |
| in way of Double Bottoms at Solid Floors  | 3     | 3               | .32             | 3               | 3               | .32             |                 |
| " " at intermdt. Bkts.  | 5     | 3               | .46             | 5               | 3               | .46             |                 |
| MING, depth of girder   | 7     |                 |                 | 7               |                 |                 |                 |
| ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships        |       |                 |                 |                 |                 |                 |                 |
| in way of Engine and Boiler Spaces  |       |                 |                 |                 |                 |                 |                 |
| thickness at the ends of vessel   |       |                 |                 |                 |                 |                 |                 |
| depth at 1/2 the half breadth, as per Rule  |       |                 |                 |                 |                 |                 |                 |
| height extended at the Bilges   |       |                 |                 |                 |                 |                 |                 |
| ORS in Cell. Double Bottoms   | 32    |                 | .35             | 32              |                 | .35             |                 |
| state if flanged (top & bottom)   | 1/4   |                 |                 | 1/4             |                 |                 |                 |
| Spacing of Solid floors   | 69    |                 |                 | 69              |                 |                 |                 |
| TRE GIRDER, in Dbl. bottom, dpth. & thknss.   | 35    | 44-30           | .54             | 35              | 44-30           | .54             |                 |
| " " Angles, Top   | 3     | 3               | .40             | 3               | 3               | .40             |                 |
| " " Bottom  | 3 1/2 | 3 1/2           | .44             | 3 1/2           | 3 1/2           | .44             |                 |
| " " to Floors   | 4 1/2 | 4 1/2           | .44             | 4 1/2           | 4 1/2           | .44             |                 |
| Brackets at intermdt. frmg., wdth & thknss  | 26    | 32              | .35             | 26              | 32              | .35             |                 |
| E GIRDERS, number on each side & thickness  | 1     | 32              | .35             | 1               | 32              | .35             |                 |
| state if flanged (top and bottom)   | 1/4   |                 |                 | 1/4             |                 |                 |                 |
| " " Angles (top and bottom)   | 3     | 3               | .35             | 3               | 3               | .35             |                 |
| " " to Floors   | 2 1/2 | 2 1/2           | .30             | 2 1/2           | 2 1/2           | .30             |                 |
| EGIN PLATE, depth (exclusive of flange) and thickness                               | 30    | 36              | .35             | 30              | 36              | .35             |                 |
| " " Angle to Outside Plating  | 3     | 3               | .40             | 3               | 3               | .40             |                 |
| " " Floors  | 3     | 3               | .35             | 3               | 3               | .35             |                 |
| Brackets at intermdt. frmg., wdth & thknss  | 26    | 32              | .35             | 26              | 32              | .35             |                 |
| Height of Outside Brackets above at bilge   | 15    |                 |                 | 15              |                 |                 |                 |
| ER BOTTOM PLATING, breadth and thickness of Middle Line Strake                      | 48    | 38-34           | .48             | 48              | 38-34           | .48             |                 |
| " " in Engine and Boiler space  |       | 38-48           |                 |                 | 38-48           |                 |                 |
| " " Remainder in Holds  |       | 32-30           |                 |                 | 30-30           |                 |                 |
| MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel               | 6 1/2 | 3               | .44             | 6 1/2           | 3               | .44             |                 |
| In way of Long Bridge   | 6 1/2 | 3               | .44             | 6 1/2           | 3               | .44             |                 |
| Spacing   | 23    |                 |                 | 23              |                 |                 |                 |
| MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel              |       |                 |                 |                 |                 |                 |                 |
| Spacing   |       |                 |                 |                 |                 |                 |                 |
| MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel    |       |                 |                 |                 |                 |                 |                 |
| Angles on upper edge  |       |                 |                 |                 |                 |                 |                 |
| Spacing   |       |                 |                 |                 |                 |                 |                 |
| MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                       | 6     | 3               | .40             | 6               | 3               | .40             |                 |
| Angles on upper edge  |       |                 |                 |                 |                 |                 |                 |
| Spacing   | 46    |                 |                 | 46              |                 |                 |                 |
| MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                     | 5     | 3               | .36             | 5               | 3               | .36             |                 |
| Angles on upper edge  |       |                 |                 |                 |                 |                 |                 |
| Spacing   | 23    |                 |                 | 23              |                 |                 |                 |
| MS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                 | 5 1/2 | 3               | .34             | 5 1/2           | 3               | .34             |                 |
| Angles on upper edge  |       |                 |                 |                 |                 |                 |                 |
| Spacing   | 23    |                 |                 | 23              |                 |                 |                 |

| PILLARS.   |                     | Inches in Ship. | Inches in Ship.     | Inches in Ship. | Inches in Ship. |
|--|---------------------|-----------------|---------------------|-----------------|-----------------|
| PILLARS In <i>Pop + fore-castle</i> size and spacing                                   | 2 1/2               | 46              | 2 1/2               | 46              |                 |
| " " <i>Hold Bridge</i> " "   | 2 1/2               | 46              | 2 1/2               | 46              |                 |
| " " <i>Quarter 'tween Dks.,</i> " "  | 2 1/2               | 46              | 2 1/2               | 46              |                 |
| " " <i>in Hold double,</i> " "   | 2 1/2               | 46              | 2 1/2               | 46              |                 |
| KEELSONS & STRINGERS.  |                     | Inches in Ship. | Inches in Ship.     | Inches in Ship. | Inches in Ship. |
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate |                     |                 |                     |                 |                 |
| " Rider Plate  |                     |                 |                     |                 |                 |
| " Flat Plate Keel Angles   |                     |                 |                     |                 |                 |
| " Horizontal Plates on Floors  |                     |                 |                     |                 |                 |
| " Angles or Bulb Angles  |                     |                 |                     |                 |                 |
| SIDE KEELSONS, Number  |                     |                 |                     |                 |                 |
| " Angles or Bulb Angles  |                     |                 |                     |                 |                 |
| " Plate above floors, for length   |                     |                 |                     |                 |                 |
| " Intercoastal Plate, for length   |                     |                 |                     |                 |                 |
| " Attached to outside Plating with Angle   |                     |                 |                     |                 |                 |
| BILGE KEELSON, Angles  |                     |                 |                     |                 |                 |
| " Intercoastal Plate for length  |                     |                 |                     |                 |                 |
| " Attached to outside Plating with Angle   |                     |                 |                     |                 |                 |
| SIDE STRINGERS, Number <i>Two pointing</i>   |                     |                 |                     |                 |                 |
| " Angle  | 3                   | 3               | .30                 | 3               | .30             |
| " Intercoastal Plate, for full length  | 38                  |                 |                     | 38              |                 |
| " Attached to outside plating with Angle   | 3 1/2               | 3 1/2           | .38                 | 3 1/2           | .38             |
| Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)                        | 47                  | 54-36           | 47                  | 54-30           |                 |
| " " " " br'dth & thickness (in way of Bridge)  | 47                  | 80-40           | 47                  | 80-40           |                 |
| " " " " Angle (clear of Bridge)  | 5 x 5 x 3/4         | 54              | 5 x 5 x 3/4         | 54              |                 |
| " " " " Tie Plate at sides of Hatchways  | 2 1/2 x 3 1/2 x 3/8 | 36              | 2 1/2 x 3 1/2 x 3/8 | 36              |                 |
| " Deck * <i>Iron or Steel</i> , for full lng.  |                     |                 |                     |                 |                 |
| " " Thickness (clear of Bridge)  | 30-34               |                 | 30-34               |                 |                 |
| " " (in way of Bridge)   | 36                  |                 | 36                  |                 |                 |
| " Wood Deck. Material & thickness  |                     |                 |                     |                 |                 |
| Second Deck Stringer Plate, br'dth & thickness   |                     |                 |                     |                 |                 |
| " Angles on ditto, No.   |                     |                 |                     |                 |                 |
| " Tie Plates outside Hatchways   |                     |                 |                     |                 |                 |
| " Deck * <i>Iron or Steel</i> , for lng.   |                     |                 |                     |                 |                 |
| " Wood Deck. Material & thickness  |                     |                 |                     |                 |                 |
| Third Deck Stringer Plate, br'dth & thickness  |                     |                 |                     |                 |                 |
| " Angles on ditto, No.   |                     |                 |                     |                 |                 |
| " Tie Plates, outside Hatchways  |                     |                 |                     |                 |                 |
| " Deck * Material and thickness  |                     |                 |                     |                 |                 |
| Fourth and Fifth Deck Stringer Plate, breadth & thickness                              |                     |                 |                     |                 |                 |
| " " Angles on ditto, No.   |                     |                 |                     |                 |                 |
| " " Tie Plates outside Hatchways   |                     |                 |                     |                 |                 |
| " " Deck. Material & thickness   |                     |                 |                     |                 |                 |
| Poop Deck Stringer Plate, breadth & thickness  |                     |                 |                     |                 |                 |
| " Angle on ditto   | 3 x 3 x 30          |                 | 3 x 3 x 30          |                 |                 |
| " Tie Plates   |                     |                 |                     |                 |                 |
| " Deck. Material and thickness <i>Steel, 30</i>  | 30 x 5 x 1/2        | 30              | 30 x 5 x 1/2        | 30              |                 |
| Bridge Deck Stringer Plate, br'dth & thickness   | 45 x 36             |                 | 45 x 36             |                 |                 |
| " Angle on ditto   | 3 1/2 x 3 1/2 x 36  |                 | 3 1/2 x 3 1/2 x 36  |                 |                 |
| " Tie Plates   |                     |                 |                     |                 |                 |
| " Deck. Material and thickness <i>Steel, 30</i>  | 30                  |                 | 30                  |                 |                 |
| Forecastle Deck Stringer Plate, br'dth & th'kns  |                     |                 |                     |                 |                 |
| " Angle on ditto   | 3 x 3 x 30          |                 | 3 x 3 x 30          |                 |                 |
| " Tie Plates   |                     |                 |                     |                 |                 |
| " Deck. Material and thickness <i>Steel, 30</i>  | 30                  |                 | 30                  |                 |                 |



WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing. FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D\* Table 22. Speed. Main-Piece, diameter at head. RUDDER, how constructed. Thickness of Plates or Single Plate. Can the Rudder be unshipped afloat? Manufacturer's name or trade mark of the Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. Has the Steel been tested as required by the Rules?

| STRAKES.  | AS IN SHIP. |            |            |            | PER RULE OR AS APPROVED. |            | RIVETING.         |                 |         |                                       |              |           |               |  |           |       |
|---|-------------|------------|------------|------------|--------------------------|------------|-------------------|-----------------|---------|---------------------------------------|--------------|-----------|---------------|--|-----------|-------|
|   | AMIDSHIP.   |            | FORWARD.   | AFT.       | AMIDSHIP.                |            | EDGES.            |                 | BUTTS.  |                                       |              |           |               |  |           |       |
|   | Breadth.    | Thickness. | Thickness. | Thickness. | Breadth.                 | Thickness. | Single or Double. | Breadth of Lap. | RIVETS. | Double or Treble and for what Length. | RIVETS.      | STRAPS.   | IF LAPPED.    |  |           |       |
| FLAT PLATE KEEL.....                            | 43          | .54        | .50        | .50        | 43                       | .54 - .50  | Double            | 5 1/4           | 7/8     | 3 1/2                                 | Double       | 7/8       | 3 1/8         |  | 9         | 1 1/2 |
| GARBOARD or A Strake                            | 72 1/2      | .44        | .44        | .38        |                          | .44 - .38  | "                 | 4 1/2           | 3/4     | 3                                     | Table - Dole | 3/4       | 2 5/8         |  | 8 - 5 1/2 |       |
| State actual thickness in way of Double Bottom. | 72 1/2      | .44        | .44        | .38        |                          | .44 - .38  | "                 | 4 1/2           | 3/4     | 3                                     | "            | 3/4       | "             |  | 8 - 5 1/2 |       |
| B   | 72          | .44        | .50        | .38        |                          | .44 - .38  | "                 | 4 1/2           | 3/4     | 3                                     | "            | 3/4       | "             |  | 8 - 5 1/2 |       |
| C   | 72          | .42        | .60        | .38        |                          | .44 - .38  | "                 | 4 1/2           | 3/4     | 3                                     | "            | 3/4       | "             |  | 8 - 5 1/2 |       |
| D   | 59          | .52        | .44        | .38        | 54                       | .52 - .38  | Single            | 2 1/2           | 3/4     | 3                                     | "            | 3/4       | "             |  | 8 - 5 1/2 |       |
| E   | 47          | .60 + .44  | .38        | .38        | 47                       | .60 - .38  | Table - Dole      | 2 1/2           | 3/4     | 3                                     | "            | 7/8 - 3/4 | 3/8 - 2 5/8   |  | 9 - 5 1/2 |       |
| F   | 87          | .42        |            |            | 87                       | .42        | "                 | 2 1/2           | 3/4     | 3                                     | "            | 7/8 - 3/4 | 2 1/8 - 2 5/8 |  | 9 - 5 1/2 |       |
| G   |             |            |            |            |                          |            |                   |                 |         |                                       | Quadruple    | 3/4       | 3             |  | 10        |       |
| H   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| J   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| K   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| L   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| M   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| N   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| O   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| P   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| Q   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| R   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| S   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| T   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| U   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| V   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| W   |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| THICKNESS OF SHEER STRAKE                       |             |            | .60 - .38  | .60 - .38  |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| CLEAR OF LONG BRIDGE                            |             |            | .52 - .38  | .52 - .38  |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| DO. OF STRAKE BELOW                             |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| DELG. of Flat Plate Keel                        |             |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| Sheerstrakes at thickness.                      | 90          |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| POOP SIDES                                      |             |            |            | .30        |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| SHORT BRIDGE SIDES                              | .42         |            |            |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |
| FORECASTLE SIDES                                |             |            | .32        |            |                          |            |                   |                 |         |                                       |              |           |               |  |           |       |

Upper Deck Butts, triple riveted for 3/5 length amidship. Stringer Plate Straps, single, double or overlapped for 1/1 length amidship. Second Deck Butts, riveted for length amidship. Stringer Plate Straps, single or overlapped for length amidship. Butts of Side Stringers riveted. Tie Plates riveted. Inner Bottom Plating, riveting of Edges Single Butts Dole - single. Centre Girder Butts, Table - dble riveted. Keelson Butts, riveted. Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart. Rivets, state whether Iron or Steel Steel. FRAMES extend in one length from Margin plate to Upper + reaction decks alternately. State if ordinary or joggled ordinary. REVERSED FRAMES on floors and frames extend from State if ordinary or joggled

MASTS, SPARS, &c. LOWER MASTS. Fore Main Mizzen. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of. Stays 4" 1 fore stay 3 1/4" 2 back stays 2 1/2".



| EQUIPMENT No. 15372    |  |                    |       | LETTER 9           |      |      |                  | ANCHORS. |      |                        |       | TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS |                              |       |      |                        |                          |                        |                                  |   |              |                    |                   |
|------------------------|--|--------------------|-------|--------------------|------|------|------------------|----------|------|------------------------|-------|--|------------------------------|-------|------|------------------------|--------------------------|------------------------|----------------------------------|---|--------------|--------------------|-------------------|
| Number of Certificate. |  | Anchors.           |       | WEIGHT, EX. STOCK. |      |      | WEIGHT OF STOCK. |          |      | TEST, PER CERTIFICATE. |       |  | WEIGHT REQUIRED BY TABLE 31. |       |      | Description of Anchor. |                          | Makers.                |                                  | Where and when tested and Superintendent. |              |                    |                   |
|                        |  |                    |       | Cwts.              | qrs. | lbs. | Cwts.            | qrs.     | lbs. | Tons.                  | cwts. | qrs.                                       | lbs.                         | Cwts. | qrs. | lbs.                   | Byers improved stockless | W. L. Byers & Co. Ltd. | Sunderland, 3/6/24, J. H. Butler | 4/6/24, J. H. Butler                      |              |                    |                   |
| 28237                  |  | 1st Bower          | ...   | 33                 | 1    | 0    | ✓                | ✓        | ✓    | 31                     | 1     | 1  | 0                            | 33    | 0    | 0                      |                          |                        |                                  |   | Common stock | H. B. Ned. Ketting | Rotterdam 17/5/24 |
| 28241                  |  | 2nd "              | ...   | 33                 | 0    | 7    | ✓                | ✓        | ✓    | 30                     | 19    | 1  | 14                           | 33    | 0    | 0                      |                          |                        |                                  |   |              |                    |                   |
| 28239                  |  | 3rd "              | ...   | 28                 | 0    | 0    | ✓                | ✓        | ✓    | 27                     | 2     | 2  | 0                            | 28    | 0    | 0                      |                          |                        |                                  |   |              |                    |                   |
|                        |  | 4th "              | ...   |                    |      |      |                  |          |      |                        |       |  |                              |       |      |                        |                          |                        |                                  |   |              |                    |                   |
|                        |  | Collective weight. |       | 94                 | 1    | 7    | ✓                |          |      |                        |       |  |                              | 94    | 0    | 0                      |                          |                        |                                  |   |              |                    |                   |
| 952                    |  | Stream             | ..... | 8                  | 2    | 14   | 2                | 0        | 22   | 10                     | 15    | 0  | 0                            | 8     | 2    | 0                      |                          |                        |                                  |   |              |                    |                   |
|                        |  | Kedge              | ..... |                    |      |      |                  |          |      |                        |       |  |                              |       |      |                        |                          |                        |                                  |   |              |                    |                   |

Particulars of Drop Test of Cast Steel Anchors, viz. :—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 20.205 cwt. Colin Bartlett, 5477, 9/5/24  
2nd " 20.072 " " " 5478, 9/5/24  
3rd " 17.884 " " " 5674, 23/5/24  
4th "

| CHAIN CABLES.          |                           |         |                       |            |                        |           |                               |         |                              | HAWSERS AND WARPS. |  |  |                 |                           |       |                                      |                               |       |  |
|------------------------|---------------------------|---------|-----------------------|------------|------------------------|-----------|-------------------------------|---------|------------------------------|--------------------|--|--|-----------------|---------------------------|-------|--------------------------------------|-------------------------------|-------|--|
| Number of Certificate. | Length and size supplied. |         | Test per Certificate. |            | WEIGHT OF CHAIN CABLE. |           | Length and Size per Table 31. |         | Description.                 | Makers of Cables.  | Where and when tested, and Superintendent. |  | Material.       | Length and Size supplied. |       | Breaking Test of Steel Wire Towline. | Length and Size per Table 31. |       |  |
|                        | Fathoms.                  | Diam.   | Stations.             | Break-ing. | Supplied.              | Per Rule. | Length.                       | Diam.   |                              |                    |  |  |                 | Length.                   | Cir.  | Tons.                                | Fathoms.                      | Cir.  |  |
| 1047                   | 120                       | 1 11/16 | 37.25                 | 71.75      | 180.0.183              | 344.3.0   | 240                           | 1 11/16 | Steel H. V. Med.             | Rottterdam 7/5/24  |  |  | TOWLINE         | 90                        | 5 1/2 | 26                                   | 90                            | 5 1/2 |  |
| 1055                   | 120                       | 1 11/16 | 37.25                 | 71.75      | 179.3.4                |           |                               |         | Link Ketting & Anchor fabric | Rottterdam 17/5/24 |  |  | HAWSERS & WARPS | 2x90                      | 6"    |                                      | 2x90                          | 6"    |  |
| Steel Wire             | 75                        | 4       |                       | 33         |                        |           | 75                            | 4       |                              |                    |  |  |                 |                           |       |                                      | 2x90                          | 5"    |  |

**Boats** Two life boats  
**Pumps, Number** None  
**Windlass is** Patent steam  
**Engine Room Skylights.**—How constructed? Steel coverings  
**Coal Bunker Openings.**—How constructed? Main deck - single frame  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** Each side of each well 3 scuppers + 5 freeing ports 3.4 x 1.7'  
**Ceiling in Holds,** thickness and material 2 1/2" pine  
**Cargo Hatchways.**—How formed? Steel coverings  
**State size No. 1 Hatch (Forward)** 23' x 18' **No. 2 Hatch** 23' x 18' **No. 3 Hatch** 26'10" x 18' **No. 4 Hatch** 23' x 18'  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch Nos. 1, 2 + 3 - Three Nos. 3 - four.  
**Bulwarks,** height above deck and description 48" steel plating transverse 6x3x34 1/2 Main Rail, material and size 6" x 3" x 34"  
**The foregoing is a correct description.** KOCKUMS MEKANISKA VERKSTADS  
**Builder's Signature (here only)** AKTIE-BOLAG  
**Surveyor's Signature** Qujorgensen  
**Surveyor to Lloyd's Register of Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) London letters: M 24/7/24, 18/24, 5/8/24, E 27/1/23, 14/3/24, 10/4/24, Gothenburg letters: 24/7/2, 5/5, 15/5, 29/5, 8/6, 14/6 1923.

**Workmanship.** Are the butts of plating planed or otherwise fitted? planed.  
Is the riveted work properly closed? yes  
Are the liners between the frames and plates solid single pieces? yes  
to plate, &c., conform well to each other? yes  
from the faying surfaces? yes  
Do the holes for riveting plate to frames, butt straps, or plate  
Are the rivet holes well and sufficiently countersunk in the plate and punched  
Do any rivets break into or through the seams or butts of the plating? no.  
Are the butts of Plating, Stringers, &c., properly shifted and strapped? yes  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? yes  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes  
State results of tests good.

**General Remarks (State quality of workmanship, &c.)** This vessel has been built under the usual conditions of survey in accordance with the Society's Rules 1923-24 and as per plans approved of by the Gothenburg office. The main dimensions are the same as of the Builders Yard Nos 137, 139 + 142, ss. Burgundia, Ardennia + Ormö. Intermediate frames fitted between stem and frame No. 115 from above deep load line to immediately above lower painting stringer; bowplating increased in thickness as above.

All ballast tanks including the fore and after peaks tested with water pressure as per rule. Decks, bulkheads and tunnel tested by water from a hose.

The workmanship is good.

Attached please find midship section and profile plans showing vessel as built.

The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built, and list of plans should be embodied in report.  
**Freeboard Fee,** **Keel Fee**  
The amount of Entry Fee ..... £K 91:00  
Special Survey Fee.... £K 2688:14  
Travelling Expenses, if any £K 50:00  
State whether the Vessel has been built under Special Survey yes  
I am of opinion this Vessel should be Classed 100 A1  
With, or without Freeboard, as condition of Class without freeboard.  
**Surveyor to Lloyd's Register of Shipping.** Qujorgensen

**Committee's Minute**  
**Character assigned**

FRI 29 AUG 1924

Lloyd's a.s.b. Co.

W. J. J. J.



GENERAL REMARKS—

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 20.25 ft., R.Q.D. ☒ ft., Bridge 69.9 ft., Forecastle 25.6 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 18k (Stl) 1/2 B.

Official No. 7139 : Signal Letters K.F.P.B.

State if Machinery is fitted aft no.

If bottom of Vessel has been coated Inside yes Outside yes give particulars of paint or other composition Red lead, cement & patent composition.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system. yes

| Where Fitted.   | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, <u>Tank No. 5</u>                         | <u>68.83</u>                    | <u>131</u>               | Fore peak tank,  |                   | <u>48</u>                |
| Double bottom, under Engines and Boilers,                     |                                 |                          | After peak tank,                                       |                   | <u>73</u>                |
| Double bottom, <u>under Engines</u> , <u>Tank No. 4</u>       | <u>28.75</u>                    | <u>71</u>                | Deep tank, aft,  |                   |                          |
| Double bottom, <u>under Boilers</u> , <u>Tank No. 3 (dry)</u> | <u>19.16</u>                    |                          | Deep tank, forward,                                    |                   |                          |
| Double bottom, forward, <u>Tanks Nos. 1 &amp; 2</u>           | <u>97.66</u>                    | <u>201</u>               | Other tanks, if fitted,                                |                   |                          |
|   | Total capacity of double bottom | <u>403</u>               | (If necessary, furnish further information by sketch.) |                   |                          |

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 47

Date 9<sup>th</sup> October, 1923

No. 143 in builder's yard.

DATES OF SURVEYS held while building

13/12, 15/12, 19/12 1922 2/1, 14/1, 18/1, 23/1, 3/2, 8/2, 16/2, 28/2, 23/3, 11/4, 2/5, 4/5, 5/5, 7/5, 12/5, 16/5, 26/5, 29/5, 11/6, 18/6, 2/7, 17/10, 7/12, 20/12, 1923 3/1, 21/1, 21/2, 9/3, 16/3, 28/3, 2/5, 13/5, 20/5, 22/5, 26/5, 27/5, 5/6, 18/6, 27/6, 27/6, 3/7, 5/7, 9/7, 14/7, 15/7, 16/7, 17/7, 19/7, 23/7, 25/7, 26/7, 27/7, 31/7, 1/8, 2/8, 4/8, 5/8, 6/8 1924.

Surveyor's Signature

*Quinzen*

Lloyd's Register Foundation

Total No. of Visits 62