

State if Report has been sent on the Freeboard of the Vessel. *Yes*State if Report is sent on the Machinery of the Vessel. *Yes*

Date of completion of report

10

2

31

Port of

Glasgow

No. 51220

Survey held at

Glasgow

Date First Survey

2nd Aug 1929

Last Survey

6th February 1931

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*T. S. S. "WORCESTERSHIRE"**Machinery fitted amidships*

State Type

(Full Scantling, Complete Substructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

P. Br. & Tele

TONNAGE under Tonnage Deck...

*5498.34*CLASS *100.A-1.*

State if with freeboard as condition of Class

Without

Built at

Glasgow

Do. of space or spaces between Tonnage Dk. and Upper Dk.

2335.53

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L *482.0*Launched *8th Oct. 1930* Yard No. *640*

Total

7833.87

Breadth (greatest moulded)

B *64.0*Builders *Fairfield S. B. & Co. Ltd*

Gross Tonnage

11452.82

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D *36.5*Owners *Bibby Steamship Co. Ltd.*

Register Tonnage

*7160.69*1st Longitudinal Number (L x D) = *17593*Managers *Bibby Bros & Co.*

(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET.

Length

482.0

Breadth

64.2

Depth

*23.0*2nd Numeral L x (B + D) = *48441*

Framing Depth "d," middle of length. See Sec. 3 (1d)

*14.62*Residence *Liverpool*

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.2

Port of Registry

Liverpool

If surveyed while building, afloat, or in dry dock

Yes.

FRAMES, DOUBLE BOTTOM AND BEAMS.

| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------|
| FRAMES, Spacing amidships | 30 | | Bracket Floors, Frame | | |
| " " from $\frac{3}{8}$ length to Collision bulkhead | 27 | | " " Reversed Frame | | |
| " " in peaks | 24 | | " " Vertical Struts | | |
| SIDE FRAMING. | | | Centre Girder, depth and thickness amidships | <i>44 1/2 x 61</i> | |
| Frame Amidships, Angle, [or] | <i>9 x 3 1/2 x 3 1/2 Rule 9 x 3 1/2 x 3 1/2</i> | | " " top Angles | <i>(2) 3 1/2 3 1/2 60</i> | <i>Rule 3 1/2 x 3 1/2 56</i> |
| " " Extends up to <i>upper dk clear of P. B. & F.</i> | | | " " bottom Angles | <i>(2) 5 5 70</i> | <i>" 5 x 5 66</i> |
| Reversed Frame Amidships, Angle | <i>3 1/2 3 1/2 40 Rule 3 1/2 x 3 1/2</i> | | Side Girders, No. each side and thickness | <i>Two 44</i> | |
| " " Extends up to <i>underside of lower deck beams</i> | | | Margin Plate depth (excl. of flange) and thickness | <i>38 x 56</i> | |
| Depth of Framing Girder | <i>9</i> | | " " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem | <i>3 1/2 3 1/2 48</i> | |
| Frames in Uppermost Continuous 'tween Decks, Angle, [or] | <i>9 x 3 1/2 x 3 1/2 Rule 9 x 3 1/2 x 3 1/2</i> | | " " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem | <i>9 6 x 6 50</i> | <i>do. as web</i> |
| " " Second 'tween Decks, Angle, [or] | <i>do. do.</i> | | " " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem | <i>Continuous plate 48</i> | |
| " " Third | | | " " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem | <i>9986</i> | |
| Framing in Peaks, Angle, [or] | <i>9 1/2 3 1/2 48 Rule 9 1/2 x 3 1/2</i> | | Tank Side Brackets, height above base line at toe of Frame and thickness | <i>Forward 7 1/2 x 48</i> <i>Aft 8 1/2 x 48</i> | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | <i>7/8 - 5 3/4</i> | | INNER BOTTOM PLATING. | | |
| State if Frame Joggled | <i>Yes</i> | | Breadth and thickness of Middle Line Strake | <i>55 1/2 x 53</i> | |
| PANTING ARRANGEMENTS (Sec. 7), state system and particulars | <i>2 side struts 14 web frames etc. per aft plan</i> | | Thickness of remainder in Holds | <i>44 to 43</i> | |
| STRENGTHENING OF BOTTOM FORWARD. State Particulars | <i>2 Strakes shell plating thickness frames double knotted add tank intermediate</i> | | Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? | <i>Yes</i> | |
| SINGLE BOTTOM. | | | BEAMS. | | |
| Floors, Depth and thickness at mid-line in Holds | | | Uppermost Continuous Deck, amidships in Wells, Angle, [or] | <i>8 x 3 1/2 x 3 1/2 Rule 8 x 3 1/2 x 3 1/2</i> | <i>39</i> |
| Height of Brackets at side above base line at toe of frame | | | " " in way of Bridge Angle | <i>7 x 3 1/2 x 3 1/2</i> | <i>48</i> |
| Middle Line Keelson, on Floors, Angles, [or] | | | " " Spacing | <i>30</i> | |
| " " Through Plate or Intercoastal Plate | | | Second Deck, amidships, Angle, [or] | <i>8 x 3 1/2 x 3 1/2</i> | <i>57</i> |
| " " Foundation Plate on Floors | | | " " Spacing | <i>30</i> | |
| " " Flat Plate Keel Angles | | | Third Deck, amidships, Angle, [or] | <i>In way 9 1/2 TAN 8 x 3 1/2 x 3 1/2</i> <i>In way 8 1/2 TAN 8 x 3 1/2 x 3 1/2</i> | <i>57</i> <i>52 1/2</i> |
| Side Keelsons, No. each side | | | " " Spacing | <i>30</i> | |
| " " thickness of Intercoastal Plate | | | Fourth Deck, amidships, Angle, [or] | | |
| " " Angles | | | " " Spacing | | |
| DOUBLE BOTTOM. | | | Poop Deck, Angle, [or] | <i>7 x 3 x 3 1/2</i> | <i>46</i> <i>47 1/2</i> |
| Solid Floors, thickness and spacing | <i>44 30</i> | | " " Spacing | <i>30 x 24</i> | |
| " " Are Frame and Reversed Frame joggled? | <i>Yes.</i> | | Bridge Deck, Angle, [or] | <i>7 x 3 1/2 x 3 1/2</i> | <i>44</i> <i>50</i> |
| Bracket Floors, breadth and thickness at middle line | | | " " Spacing | <i>30</i> | |
| " " breadth and thickness at margin plate | | | Forecastle Deck, Angle, [or] | <i>8 x 3 1/2 x 3 1/2</i> | <i>43</i> <i>52 1/2</i> |
| " " Spacing | | | " " Spacing | <i>27 x 24</i> | |

PILLARS AND DECKS.

| | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. | | INCHES IN SHIP. | Any Departure from Approved Plans to be Noted. |
|----------------------------------------------------------------------|-----------------------|------------------------------------------------------|----------------------------------------------------------------------|----------------------|------------------------------------------------------|
| PILLARS, No. of Rows..... | <i>Two rows</i> | | Stringer Plate, breadth and thickness in way of Bridge | <i>51 x '40</i> | |
| „ in 'tween Decks, Size and Spacing..... | <i>Of widely</i> | | Thickness of Plating abreast Deck openings in way of Wells | <i>'42</i> | |
| „ „ „ „ „ | <i>spaced pillars</i> | | Thickness of Plating abreast Deck openings in way of Bridge | <i>'36</i> | |
| „ in Holds „ „ | <i>with deck</i> | | Thickness of Plating within line of openings... | <i>'36 9 '33</i> | <i>4/2</i> |
| „ „ „ „ „ | <i>girders, per</i> | | If Sheathed, material and thickness | <i>✓</i> | |
| „ „ „ „ „ | <i>app' plans</i> | | Third Deck. | | |
| Centre Line Bulkhead. | | | Stringer Plate, breadth and thickness..... | <i>51 x '42 '34</i> | |
| Stiffeners and Spacing..... | | | If Plated, state thickness..... | <i>'36, '33, '30</i> | <i>(see plans)</i> |
| Plating, thickness of | | | Fourth Deck. | | |
| STRINGERS AND DECKS. | | | Stringer Plate, breadth and thickness..... | | |
| Uppermost Continuous Deck. | | | If Plated, state thickness | | |
| Stringer Plate, breadth and thickness in Wells | <i>65 1/2 x '117</i> | | Poop Deck. | | |
| „ „ „ „ in way of Bridge | <i>51 x '46</i> | | Stringer Plate, breadth and thickness | <i>66 x '30</i> | |
| „ Angle in Wells | <i>8 x 8 x '109</i> | | Plating, Sheathing, material and thickness ... | <i>'26 sheathed</i> | |
| Thickness of Plating abreast Deck openings in way of Wells | <i>'36 and '59</i> | <i>Rule '84 9/16</i> | <i>6 x 3 P.P. where</i> | | |
| Thickness of Plating abreast Deck openings in way of Bridge | <i>'42</i> | | <i>exposed</i> | | |
| Thickness of Plating within line of openings... | <i>'48 and '36</i> | | Bridge Deck. | | |
| If Sheathed, material and thickness | <i>Sheathed with</i> | | Stringer Plate, breadth and thickness..... | <i>72 x '70</i> | |
| | <i>6 x 3 P.P.</i> | | Plating, Sheathing, material and thickness ... | <i>'53 and '44</i> | <i>'53 and '42</i> |
| | <i>where exposed</i> | | <i>sheathed 6 x 2 1/2</i> | | |
| | | | <i>Teak where</i> | | |
| | | | <i>exposed</i> | | |
| Second Deck. | | | Forecastle Deck. | | |
| Stringer Plate, breadth and thickness in Wells... | <i>51 x '46</i> | | Stringer Plate, breadth and thickness..... | <i>68 x '38</i> | <i>36 x '38</i> |
| | | | Plating, Sheathing, material and thickness .. | <i>'36 sheathed</i> | |
| | | | | <i>6 x 3 P.P.</i> | |

SHELL PLATING.

| SCANTLINGS. | | | | | | RIVETING. | | | | | | | |
|--------------------------------------------------------|---------------------|-----------------------|-----------------------|-----------------------|------------------------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|---------------------------|-----------------------------------|-----------------------------------|------------------------|--|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. State if joggled? <i>No</i> | | | BUTTS. | | | | |
| | AMIDSHIPS. | | FORWARD. | AFT. | | SINGLE OR DOUBLE. | RIVETS. | | NO. OF ROWS OF RIVETS. | RIVETS. | | STRAPPED OR LAPPED. | |
| | Breadth. Inches. | Thickness. Inches. | Thickness. Inches. | Thickness. Inches. | | | Diam. | Spacing cr. to cr. Inches. | | Diam. | Spacing cr. to cr. Inches. | | |
| FLAT PLATE KEEL | <i>54</i> | <i>.92</i> | <i>.90</i> | <i>.90</i> | <i>Rule 54x.71</i> | <i>Double</i> | <i>1</i> | <i>3³/₄</i> | <i>Four</i> | <i>1</i> | <i>3¹/₂</i> | <i>Stepped</i> | |
| „ DBLG. (if any) | | <i>.62</i> | | | <i>„ .60</i> | | | | <i>Three</i> | <i>7</i> / ₈ | <i>3¹/₈</i> | <i>do</i> | |
| BOTTOM PLATING, No. of Strakes <i>4</i> | <i>10</i> | <i>.72</i> | <i>.52</i> | <i>.52</i> | <i>Rule .71 to .51</i> | <i>Double</i> | <i>7</i> / ₈ | <i>3¹/₃</i> | <i>Four</i> | <i>„</i> | <i>3¹/₂</i> | <i>Lapped</i> | |
| BILGE PLATING, No. of Strakes <i>3</i> | <i>20</i> | <i>.72</i> | <i>.52</i> | <i>.52</i> | <i>do. 20.71 to .51</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | |
| | <i>10</i> | <i>.70</i> | <i>.48</i> | <i>.48</i> | <i>do 10.69 to .47</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | |
| SIDE PLATING, No. of Strakes <i>4</i> | | <i>.70</i> | <i>.48</i> | <i>.48</i> | <i>Rule 69 to .47</i> | <i>„</i> | <i>1</i> | <i>3³/₄</i> | <i>„</i> | <i>„</i> | <i>„</i> | <i>„</i> | |
| UPPER DECK, Sheer- strake in Wells..... | <i>52</i> | <i>1.10</i> | <i>.48</i> | <i>.48</i> | <i>do. 1.09 to .47</i> | <i>„</i> | <i>1¹/₈</i> | <i>4²/₇</i> | <i>Five</i> | <i>1¹/₈</i> | <i>5</i> | <i>„</i> | |
| UPPER DECK, Sheer- strake in Bridge ... | <i>„</i> | <i>.70</i> | | | <i>.69</i> | <i>„</i> | <i>1</i> | <i>3³/₄</i> | <i>Four</i> | <i>7</i> / ₈ | <i>3¹/₂</i> | <i>„</i> | |
| STRAKE BELOW Sheer- strake in Wells..... | <i>62</i> | <i>.94</i> | <i>.48</i> | <i>.48</i> | <i>Rule .93 to .47</i> | <i>„</i> | <i>1¹/₈</i> | <i>4²/₇</i> | <i>Five</i> | <i>1</i> | <i>4¹/₂</i> | <i>„</i> | |
| STRAKE BELOW Sheer- strake in Bridge ... | <i>„</i> | <i>.70</i> | | | <i>.69</i> | <i>„</i> | <i>1</i> | <i>3³/₄</i> | <i>Four</i> | <i>7</i> / ₈ | <i>3¹/₂</i> | <i>„</i> | |
| POOP SIDE PLATING | | | | <i>.42</i> | | <i>Single</i> | <i>3</i> / ₄ | <i>3</i> | <i>One</i> | <i>3</i> / ₄ | <i>2⁵/₈</i> | <i>„</i> | |
| BRIDGE SIDE PLATING ... | | <i>.80</i> | <i>„</i> | <i>.69</i> | <i>Rule .70 + .04</i> | <i>Double</i> | <i>1</i> | <i>3³/₄</i> | <i>Four</i> | <i>1</i> | <i>4</i> | <i>„</i> | |
| | | <i>.74</i> | <i>„</i> | <i>.63</i> | <i>and .70</i> | <i>Single</i> | <i>3</i> / ₄ | <i>3</i> | <i>One</i> | <i>3</i> / ₄ | <i>2⁵/₈</i> | <i>„</i> | |
| FOREC'TLE SIDE PLATING | | | | <i>.44</i> | | | | | | | | | |

WATERTIGHT BULKHEADS.

| | |
|-----------------------------------------------|--------------|
| Total No. of W.T. BULKHEADS in Vessel— | <i>Eight</i> |
| Extending to Upper Deck (Sec. 3 c) | <i>do</i> |
| „ Deck next below | <i>✓</i> |
| As per Rule | <i>Eight</i> |

FORGINGS and CASTINGS.

| | Casting or Forging. | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
|------------------------------------|---------------------|----------------------------------------------------------------|---------------|------------------------------------------------|
| KEEL, Bar | | Flat plate keel | | |
| STEM | | Roller Steel $10\frac{3}{4} \times 2\frac{7}{8}$ Blastmore | | |
| STERN FRAME { | | | | |
| Propeller Post | | Steel | Steel Co | |
| Rudder " | | Casting $6\frac{1}{2} \times 12 \times 3$ Scotland (or France) | | |
| RUDDER—A x D | | 13' 2.5" | | |
| Speed of Vessel | | 15 knots | | |
| RUDDER mainpiece at head .. | | $16\frac{1}{8}$ Daniel | | |
| " " heel .. | | Dieg | | |
| " " how constructed | | Built steel Casting with side plates | | |
| " double or single plate .. | | Double | | |
| " coupling, vertical or .. | | Horizontal | | |
| " horizontal | | | | |

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open Hearth Process*
South Durham Steel & Iron Coy. Steel Company of Scotland, David Colville & Sons,
Plase & Partners, Cargo Fleet Iron Coy. Lancashire Steel Coy.
Has the Steel been tested as required by the Rules? *Yes*

✓ Shearstapes have midship thickness maintained to collision bulkhead.

| EQUIPMENT No. 53650.2 | | | | | | | | | | LETTER <i>ft</i> | ANCHORS. | | |
|------------------------|--------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------------------|--------------------------|----------------|-------------------------------------------|
| Number of Certificate. | Anchors. | WEIGHT, EX. STOCK. | | | WEIGHT OF STOCK. | | | TEST, PER CERTIFICATE. | | | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwts. | qrs. | | | |
| 91802 | 1st Bower | 91 | 2 | 0 | Stockless | 64 | 0 | 0 | 0 | 0 | Halls Patent swivel type | Hampley & Sons | Nottingham 9/5 Green |
| 91804 | 2nd " | 91 | 1 | 0 | do. | 64 | 0 | 0 | 0 | 0 | do | do | do 13/0 do |
| 91803 | 3rd " | 89 | 0 | 16 | do. | 63 | 5 | 0 | 0 | 0 | do. | do. | do do. 2. |
| | Collective weight. | 271 | 3 | 16 | | | | | | | | | |
| 91862 | Stream | 26 | 3 | 10 | 6 | 3 | 18 | 26 | 5 | 2 | 14 | 26 1/2 | Ordinary do. do 2 1/2 Green |

| CHAIN CABLES. | | | | | | | | | | HAWSERS AND WARPS. | | | | | | | |
|------------------------------------|---------------------------|--------|-----------------------|-----------------|------------------------|-----------|-------------------------------|---------|---------------|--------------------|--------------------------------------------|----------------------|---------------------------|-------|------------------------------|-------------------------------|------|
| Number of Certificate. | Length and size supplied. | | Test per Certificate. | | WEIGHT OF CHAIN CABLE. | | Length and Size per Table 53. | | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material. | Length and Size supplied. | | Breaking Test of Steel Wire. | Length and Size per Table 53. | |
| | Length. | Diam. | Statu- Tons. | Break- Tons. | Supplied. | Per Rule. | Length. | Diam. | | | | | Length. | Ins. | | Length. | Ins. |
| 85939 | 135 | 2 5/8 | 120.9 | 14.25 | 471.3.2 | 936 | 270 | 2 10/16 | Stud limb | Angley Sons | Nottingham 9/5 Green | TOWLINE | 130 | 6 | 92.1 | 130 | 6 |
| 85945 | 135 | do. | do. | do. | 470.1.0 | 109.09 | 30 | 2 11/16 | do | do | do 3 1/2 1/2 do. | HAWSERS & WARPS } | 2-120 | 5 | 40.9 | 100 | 8 |
| 85941 | 15 | 2 1/16 | 125.1 | 15 3/8 | 57.2.9 | | | | do | do. | do 3 1/2 1/2 do. | | 2-120 | 4 1/2 | 58.6 | 100 | 8 |
| 85949 | 15 | do. | do. | do. | 58.3.24 | | | | do | do. | do. 27/4 1/2 do. | " | 2-120 | 3 1/2 | 35.2 | 100 | 8 |
| | 300 | do. | | | | | | do. | | | | " | 2-120 | 3 | 25.4 | 100 | 8 |
| Iron Stream Chain Steel Wire | 120 | 5 1/2 | | 84.4 | | | 120 | 5 1/2 | Steel wire | | | " | 4-100 | 8 | 40.9 | | |
| | | | | | | | | | | | | " | 4-90 | 7 1/2 | 40.9 | | |
| | | | | | | | | | | | | " | 2-120 | " | " | | |

Steering Gear, Steam *Electric Hydraulic by Brown Bros.* Steering Gear, Hand *None*

Boats *14 boats including 2 Motor boats* Steering Chains, Size and Test *None* Windlass *Electric by J.H. Wilson & Co.*

Ceiling in Holds, thickness and material *30 steel plates over limber* Cargo Battens, thickness, material and spacing *3" pine, 9" spaces with 14 pine, 9" spaces with 14 pine, 9" spaces with 14 pine*

Cargo Hatchways.—(Upper Deck) *Steel Coamings* Thickness of Hatches *3" pine*

Size of No. 1 Hatchway (Forward) *11'3" x 12'* No. 2 *26'6" x 20'* No. 3 *14'3" x 20'* No. 4 *11'9" x 15'* No. 5 *14'6" x 14'* No. 6 *15'0" x 14'*

Number of Shifting Beams and/or Fore and Afters *2 Shifting Beams in No. 1 and 4 hatches, 6 in No. 2, 3 in No. 3, 5 in No. 5 and 6*

No fore and afters

FOR THE FAIRFIELD SHIPBUILDING AND ENGINEERING CO., LIMITED.

Builder's Signature *A. J. Hendrie*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No*. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The materials and workmanship are good. The vessel has been built in accordance with the approved plans, the Secretary's letters of various dates and in conformity with the Rules for the Class contemplated.

The vessel is constructed to carry oil fuel in No. 1, 2, 3, 4, 5 and 6 double bottom tanks and in fore peak. The tanks, decks, bulkheads, funnels and watertight doors have been tested in accordance with Rules with satisfactory results, and the requirements of Section 20 of the Rules have been complied with where applicable. The freeboards have been wiped and the freeboard marks cut in on the vessel's sides.

Vessel is similar, but of increased breadth, to the T. S. M. V. "Staffordshire" the same builders No. 630, see Gls. rept. No. 48840

Record for Register pt. Com.

The amount of Entry Fee £ *12 : 0 : 0* Fees applied for, *10 FEB 1931*

Special Survey Fee. £ *68 : 3 : 5* Received by me, *13.4.31*

Freeboard 15 0 0

Travelling Expenses, if any £ : : :

I am of opinion the Vessel should be Classed *100.A.1.*

State whether the Vessel has been built under Special Survey *yes* Signature *George Nicol*

H.M. Certificate to be sent to *GLASGOW* Date of issue *14/4/31* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 11 FEB 1931*

Character assigned *+100.A.1*

2.31.

Lloyd's A.R.C.P.

+ L.M.C. 2.31.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following plans forwarded herewith
Plan of Deckhouses
Midship section, as approved
do. vessel as built
Outline Profile
Profile and Boat Deck
Bulkhead profile
Tank top plating forward showing additional stiffening form $\frac{2}{5}$ length
Bossed frames
Panting arrangements—Fore and framing
Double bottom in way of Main Engines
Upper, bridge, and promenade Decks
Tank top, lower and middle decks
Pillaring arrangements—Sheet 1
do. Sheet 2
Cargo hatches on lower deck
do on middle deck
Upper deck cargo hatches
Cargo hatches of bridge, forecastle, promenade and boat decks
Stern framing
Rudder, Stern frame, and Shaft Brackets
Plan showing details of Stern
Plan showing watertight doors proposed to be fitted in lower decks
Bilge, ballast and pumping arrangements
Bilge non return valves
Tiller crosshead
General arrangement of Electric Hydraulic Steering Gear
Shaft Tunnel

Reports

Stern frame, Spectacle Bracket, Stern Casting
Rudder
Tiller

| Particulars of Drop Test of | 1st Bower | Wt. | Sw. Kts. | N. | Date of Test |
|------------------------------|-----------|----------|----------|-------|--------------|
| Cast Steel Anchors, viz. :— | | 58.2.24 | H. B. | 6149. | 19.7.29 |
| Weight, Surveyor's Initials, | 2nd " | 58.1.11 | H. B. | 6646 | do |
| Number of Certificate, Date | 3rd " | 55.0.10. | K. H. | 6085 | 28.12.28 |
| of Test. | | | | | |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 51.25 ft., R.Q.D. — ft., Bridge 265 ft., Forecastle 78 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 3 dk stl (upper deck wood sheathed)

Official No. 16233H : Signal Letters L. G. T. M. Is bottom of Vessel coated with cement P'tement if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

| Where Fitted. | *Length. Feet. | Water Capacity. S.W. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. S.W. Tons. |
|-------------------------------------------|---------------------------------|----------------------------------|--------------------------------------------------------|-------------------|----------------------------------|
| Double bottom, aft, | 127.5 | 310 | Fore peak tank, | 25 | 42 |
| Double bottom, under Engines and Boilers, | | | After peak tank, | 20 | 91 |
| Double bottom, if under Engines only, | 70.0 | 536 | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, | 219.5 | 900 | Other tanks, if fitted, | | |
| | Total capacity of double bottom | 1746 | (If necessary, furnish further information by sketch.) | | |

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

Order for Special Survey No 6066

Date 28. 11. 29

Dates of Surveys held while building

19.29 Aug 2.21 Sep 9.20.25 Oct 10.14.17.23.25.30 Nov 5.6.8.11.13.14.22.26 Dec 2.6.10.12.18
19.26.30 (1930) Jan 6.7.9.15.16.21.22.23.27.28.29.31 Feb 5.7.10.12.14 Mar 4.7.12.14.18.20.27.31 Apr
1.2.7.8.9.11.14.16.18.23.24.29.30 May 7.9.12.13.15.16.19.21.22.28.30 June 2.3.5.6.10.12.13
17.18.23.24.26.27.30 July 1.3.7.8.9.11.14.15 Aug 1.5.6.7.8.12.19.20.27 Sep 3.4.5.10.11.16.17
19.22.23.24.25.26 Oct 1.3.6.7.8.14.15.17.20.22.27.29 Nov 3.5.10.12.13 Total No. of Visits 164
14.17.18.19.25.27.28 Dec 2.3.4.5.8.10.12.16.18.19.23 (1931) Jan 12.14.16.21.27.30 Feb 2.4.6