

With or Without

STEEL STEAMER.

WED. 19 OCT. 1921

Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel Yes

Date of completion of report
Survey held at

12th Oct 1921

Port of GLASGOW

Date, First Survey 15. 10. '20

Last Survey

No. 41433

7. 10. 1921.

On the (State if Single, Twin, or Triple Screw)

SINGLE SCREW

ARCLIGHT

Rig SCHOONER.

TONNAGE under
Tonnage Deck...

433.03

Do. between Tonnage Dk.
and 3rd and 4th Dk.

433.03

Total under Upper Dk.

97.21

Do. of R.Q.Dk.

17.23

Do. of Forecastle.

22.76

Do. of Houses on Dk.

8.80

Do. of excess of Hatchways

26.71

Do. above Crown of

24.61

Engine Room

652.85

Gross Tonnage

44.38

Less Crew Space

205.48

Less above Crown of

82.55

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

249.94

CLASS +100 A1

FEET.

Master

Year of appointment

(1) As Master in service of
owner of present vessel: 19
(2) As Master of this
vessel: 19

Built at TROON.

When built 1921

Launched 20th MAY 1921.

By whom built Ailsa Ship-bldg. Co. Ltd.

Owners Light Shipping Coy. Ltd.

Managers Ross and Marshall Ltd.

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

Residence Greenock.

Port belonging to GREENOCK.

Destined Voyage coasting.

If Surveyed while Building, Afloat, and Dry Dock Yes.

| LENGTH on Deck | Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH, ACTUAL— | Feet. | Inches. | No. of Decks with flat laid |
|----------------|-------|---------|----------|-------|---------|-----------------------------------------|-------|---------|-----------------------------|
| per Rule | 176 | 0 | Moulded | 28 | 0 | Top of Floors to top of Upper Dk. Beams | 17 | 6 | ONE |
| | | | | | | Do. do. do. do. Second Dk. Beams | 19 | 6 | ONE. |

| | | | | | |
|-----------------------------------------|-------|---------|------|-------|------|
| Dimensions of Ship per Register, Length | 175.2 | breadth | 28.2 | depth | 11.2 |
| | | | | | |
| | | | | | |

| FRAMING. | | | | PILLARS. | | | |
|------------------------------------------------------------------------|-----------------|-----------------|-----------------|------------------------------------------|-----------------|-----------------|-----------------|
| NAME. | Inches in Ship. | Inches in Ship. | Inches in Ship. | PILLARS In 'tween Deck, size and spacing | Inches in Ship. | Inches in Ship. | Inches in Ship. |
| Do. in peaks | 3 | 3 | 3 | Hold | ARCH | | |
| Do. in way of Double Bottoms at Solid Floors | 3 | 3 | 3 | Quarter 'tween Dks. | BRACKETS | | |
| Do. at intermdt. Bkts. | 22 | 22 | 22 | in Hold | | | |
| acing of Frames from centre to centre amidships | 22 | 22 | 22 | | | | |
| Do. length to Collision bulkhead | 22 | 22 | 22 | | | | |
| Do. in peaks | 3 | 3 | 3 | | | | |
| VERSED FRAME, Angles | 3 | 3 | 3 | | | | |
| Do. in way of Double Bottoms at Solid Floors | 3 | 3 | 3 | | | | |
| Do. at intermdt. Bkts. | 22 | 22 | 22 | | | | |
| ACING, depth of girder | 4 1/2 and 5 1/2 | 4 1/2 and 5 1/2 | 4 1/2 and 5 1/2 | | | | |
| DOORS, depth and thickness of Floor Plate | 8.5 18" | 8.5 18" | 8.5 18" | | | | |
| Do. at mid-line for length amidships | ES. 44. 85. 46 | ES. 36. 85. 42 | ES. 36. 85. 42 | | | | |
| Do. in way of Engine and Boiler Spaces | 28. | 28. | 28. | | | | |
| Do. thickness at the ends of vessel | 28. | 28. | 28. | | | | |
| Do. depth at 1/2 the half breadth, as per Rule | 28. | 28. | 28. | | | | |
| Do. height extended at the Bilges | 28. | 28. | 28. | | | | |
| DOORS in Cell. Double Bottoms | 28. | 28. | 28. | | | | |
| Do. state if flanged (top & bottom) | NO. | NO. | NO. | | | | |
| Do. Spacing of Solid floors | 22" | 22" | 22" | | | | |
| NTRE GIRDER, in Dbl. bottom, dpth. & thknss. | 32 x 36. | 32 x 36. | 32 x 36. | | | | |
| Do. Angles, Top | 3 | 3 | 3 | | | | |
| Do. Bottom | 3 | 3 | 3 | | | | |
| Do. to Floors | 3 | 3 | 3 | | | | |
| Do. Brackets at intermdt. frmg., width & thknss | ONE | ONE | ONE | | | | |
| DE GIRDERS, number on each side & thickness | ONE | ONE | ONE | | | | |
| Do. state if flanged (top and bottom) | NO. | NO. | NO. | | | | |
| Do. Angles (top and bottom) | 3 | 3 | 3 | | | | |
| Do. to Floors | 2 1/2 | 2 1/2 | 2 1/2 | | | | |
| ARGIN PLATE, depth (exclusive of flange) | 21 | 20 | 20 | | | | |
| Do. and thickness | 3 | 3 | 3 | | | | |
| Do. Angle to Outside Plating | 2 1/2 | 2 1/2 | 2 1/2 | | | | |
| Do. Floors | 2 1/2 | 2 1/2 | 2 1/2 | | | | |
| Do. Brackets at intermdt. frmg., width & thknss | 2" | 2" | 2" | | | | |
| Do. Height of Outside Brackets above at bilge | 36 x 34. | 36 x 34. | 36 x 34. | | | | |
| NER BOTTOM PLATING, breadth and thickness of Middle Line Strake | 28. | 28. | 28. | | | | |
| Do. in Engine and Boiler space | 5 | 5 | 5 | | | | |
| Do. Remainder in Holds | 22" | 22" | 22" | | | | |
| AMS, Upper Deck, Single Angle, Bulb | 5 | 5 | 5 | | | | |
| Do. Angle, Plate, Tee Bulb, or Channel | 22" | 22" | 22" | | | | |
| Do. in way of Long Bridge | 22" | 22" | 22" | | | | |
| Do. Spacing | 22" | 22" | 22" | | | | |
| AMS, Second Deck, Single Angle, Bulb | 5 | 5 | 5 | | | | |
| Do. Angle, Plate, Tee Bulb, or Channel | 22" | 22" | 22" | | | | |
| Do. Spacing | 22" | 22" | 22" | | | | |
| AMS, Third and Fourth Deck, Single Angle, Bulb | 5 | 5 | 5 | | | | |
| Do. Angle, Plate, Tee Bulb, or Channel | 22" | 22" | 22" | | | | |
| Do. Angles on upper edge | 22" | 22" | 22" | | | | |
| Do. Spacing | 22" | 22" | 22" | | | | |
| BEAMS, First Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 5 | 5 | 5 | | | | |
| Do. Angles on upper edge | 22" | 22" | 22" | | | | |
| Do. Spacing | 22" | 22" | 22" | | | | |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 5 | 5 | 5 | | | | |
| Do. Angles on upper edge | 22" | 22" | 22" | | | | |
| Do. Spacing | 22" | 22" | 22" | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel | 6 1/2 | 6 1/2 | 6 1/2 | | | | |
| Do. Angles on upper edge | 44" | 44" | 44" | | | | |
| Do. Spacing | 44" | 44" | 44" | | | | |

| KEELSONS & STRINGERS. | | | |
|----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|
| NAME. | Inches in Ship. | Inches in Ship. | Inches in Ship. |
| CENTRE LINE KEELSON, Vertical Plate above (Through Plate, or Intercoastal Plate) | ES. 32. 85. 36 | ES. 32. 85. 36 | ES. 32. 85. 36 |
| Do. Rider Plate | 3 | 3 | 3 |
| Do. Flat Plate Keel Angles | 6 1/2 | 6 1/2 | 6 1/2 |
| Do. Horizontal Plates on Floors | ONE | ONE | ONE |
| Do. Bulb Angles | 6 1/2 | 6 1/2 | 6 1/2 |
| SIDE KEELSONS, Number | ONE | ONE | ONE |
| Do. Bulb Angle | 6 1/2 | 6 1/2 | 6 1/2 |
| Do. Plate above floors, for length | 32 | 32 | 32 |
| Do. Intercoastal Plate, for E 1/2 SPACES length | 32 | 32 | 32 |
| Do. Attached to outside Plating with Angle | FLANGED. | FLANGED. | FLANGED. |
| BILGE KEELSON, Angles | 3 | 3 | 3 |
| Do. Intercoastal Plate for length | 3 | 3 | 3 |
| Do. Attached to outside Plating with Angle | 3 | 3 | 3 |
| SIDE STRINGERS, Number | 3 | 3 | 3 |
| Do. Angle | 3 | 3 | 3 |
| Do. Intercoastal Plate, for length | 3 | 3 | 3 |
| Do. Attached to outside plating with Angle | 3 | 3 | 3 |
| Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) | 60 x 50 - 32 | 60 x 50 - 32 | 60 x 50 - 32 |
| Do. br'dth & thickness (in way of Bridge) | 3 1/2 x 3 1/2 x 4 1/2 | 3 1/2 x 3 1/2 x 4 1/2 | 3 1/2 x 3 1/2 x 4 1/2 |
| Do. Angle (clear of Bridge) | 30. | 30. | 30. |
| Do. Tie Plate at sides of Hatchways | 30. | 30. | 30. |
| Do. Deck. * Steel, for whole lng. | 30. | 30. | 30. |
| Do. Thickness (clear of Bridge) | 30. | 30. | 30. |
| Do. (in way of Bridge) | 30. | 30. | 30. |
| Do. Wood Deck. Material & thickness | 30. | 30. | 30. |
| Second Deck Stringer Plate, br'dth & thickness | 30. | 30. | 30. |
| Do. Angles on ditto, No. | 30. | 30. | 30. |
| Do. Tie Plates outside Hatchways | 30. | 30. | 30. |
| Do. Deck. * Iron or Steel, for lng. | 30. | 30. | 30. |
| Do. Wood Deck. Material & thickness | 30. | 30. | 30. |
| Third Deck Stringer Plate, br'dth & thickness | 30. | 30. | 30. |
| Do. Angles on ditto, No. | 30. | 30. | 30. |
| Do. Tie Plates, outside Hatchways | 30. | 30. | 30. |
| Do. Deck. * Material and thickness | 30. | 30. | 30. |
| Fourth and Fifth Deck Stringer Plate, breadth & thickness | 30. | 30. | 30. |
| Do. Angles on ditto, No. | 30. | 30. | 30. |
| Do. Tie Plates outside Hatchways | 30. | 30. | 30. |
| Do. Deck. Material & thickness | 30. | 30. | 30. |
| Deck Stringer Plate, breadth & thickness | 30. | 30. | 30. |
| Do. Angle on ditto | 30. | 30. | 30. |
| Do. Tie Plates | 30. | 30. | 30. |
| Do. Deck. Material and thickness | 30. | 30. | 30. |
| Bridge Deck Stringer Plate, br'dth & thickness | 30. | 30. | 30. |
| Do. Angle on ditto | 30. | 30. | 30. |
| Do. Tie Plates | 30. | 30. | 30. |
| Do. Deck. Material and thickness | 30. | 30. | 30. |
| Forecastle Deck Stringer Plate, br'dth & thickness | 30. | 30. | 30. |
| Do. Angle on ditto | 30. | 30. | 30. |
| Do. Tie Plates | 30. | 30. | 30. |
| Do. Deck. Material and thickness | 30. | 30. | 30. |

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.O.D. 100 ft., Bridge 9.17 ft., Forecastle 33 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) **ONE DECK (STEEL).**

Official No. 145595; Signal Letters _____ State if Machinery is fitted aft **Yes.** Outside **paint.**
How are the surfaces preserved from oxidation? Inside **Cement and paint**

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system ☒ with girders on floors **Yes.**

| Where Fitted. | Length. Feet. | Water Capacity. Tons. | Where Fitted. | Length. Feet. | Water Capacity. Tons. |
|--------------------------------------------------|------------------|--------------------------|--------------------------------------------------------|------------------|--------------------------|
| Double bottom, Nº 2 TANK (24-54) | 45.8 | 67 | Fore peak tank, | 27 | 78 |
| Double bottom, under Engines and Boilers, | | | After peak tank, | 11 | 33 |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | |
| Double bottom, forward, Nº 1 TANK (54-80) | 47.6 | 62 | Other tanks, if fitted, | | |
| Total capacity of double bottom | | 129 | (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. **5401**
Date **10-6-1920**
No. **381** in builder's yard.
DATES of Surveys held while building
1920 Oct 15-20.27 Nov 1.10.19.24.30 Dec 7.16.21.28 (1921 Jan 12.19.24.26 Feb 1.7.16.21.28 Mar 2.7.14.18.25 Apr 15.19.25 May 11.14.18.25 Jun 1.15.17.21.29 Aug 26 Sep 28 Oct 7.)
Surveyor's Signature **James R. Clark for R. Chatham & Self.**
Total No. of Visits **41.**