

STEEL STEAMER or MOTORSHIP.

21 MAR

Received at London Office

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

Date of completion of report

13th March 1930.

Port of

HULL

Survey held at

Selby & Hull

Date First Survey

3 Dec/29.

Last Survey

13 March

1930.

On the

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

Steel Single Screw Ketch

"DINAMAR"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

State Type of Erections

R.Q.S. + F.C.

TONNAGE under Tonnage Deck

320.15

CLASS +100A1 "Steam Trawler"

State if with freeboard as condition of Class

ho.

Built at Selby.

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

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

L 140'-0"

Launched Feb. 1st 1930

Yard No. 1071

Total

320.15

Breadth (greatest moulded)

B 24'-10 1/2"

Builders Cochran & Sons Ltd.

Gross Tonnage

353.84

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

D 14'-3"

Owners Dinas Steam Trawling Co. Ltd.

Register Tonnage

141.18

1st Longitudinal Number (L x D)

= 1995

Managers

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

2nd Numeral L x (B + D)

= 5477

Residence

REGISTERED DIMENSIONS. FEET.

Length

140.4

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

12.83

Port of Registry Fleetwood.

Breadth

25.0

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

9.82

If surveyed while building, afloat, or in dry dock

Depth

13.4

Do. Long Bridge to top of keel

Draught Moulded

While building & afloat.

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 | 20 | | Bracket Floors, Frame | | |
| " " from 3/4 length to Collision bulkhead | 16 | | " " Reversed Frame | | |
| " " in peaks | 20 | | " " Vertical Struts | | |
| SIDE FRAMING. | | | Centre Girder, depth and thickness amidships | | |
| Frame Amidships, Angle | 5 3 1/4 | | " " top Angles | | |
| " " Extends up to | deck | | " " bottom Angles | | |
| Reversed Frame Amidships, Angle | 3 3 1/16 | | Side Girders, No. each side and thickness | | |
| " " Extends up to | across floors | | Margin Plate depth (excl. of flange) and thickness | | |
| Depth of Framing Girder | 5 | | " " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem | | |
| Frames in Uppermost Continuous 'tween Decks, Angle, [or] | | | " " Vertical Angle to Tank side Bracket forward 1/4 len. from stem | | |
| " " Second 'tween Decks, Angle, [or] | | | " " Gussets, spacing and scantling abaft 1/4 len. from stem | | |
| " " Third " " " " | | | " " Gussets, spacing and scantling forward 1/4 len. from stem | | |
| Framing in Peaks, Angle | 5 3 1/4 | | Tank Side Brackets, height above base line at toe of Frame and thickness | | |
| Diameter and Spacing of Rivets through Frame and Shell Plating amidships | 3/4 5 1/4 | | INNER BOTTOM PLATING. | | |
| State if Frame Joggled | no | | Breadth and thickness of Middle Line Strake | | |
| PANTING ARRANGEMENTS (Sec. 12, state system and particulars) | closer framing & scantling 15" Strips & closer riveting Intermediate panning | | Thickness of remainder in Holds | | |
| STRENGTHENING OF BOTTOM FORWARD. State Particulars | | | 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? | | |
| SINGLE BOTTOM. | | | BEAMS. | | |
| Floors, Depth and thickness at mid-line in Holds | 18 6 1/16 | | Uppermost Continuous Deck, amidships in Wells, Angle, [or] | 6 3 9/16 | |
| Height of Brackets at side above base line at toe of frame | none | | " " in way of Bridge, Angle, [or] | | |
| Middle Line Keelson, on Floors, Angle | 8 3 3/4 9/20 | | Spacing | alternate | |
| " " Through Plate or Intercoastal Plate | | | Second Deck, amidships, Angle, [or] | | |
| " " Foundation Plate on Floors | | | Spacing | | |
| " " Flat Plate Keel Angles | | | Third Deck, amidships, Angle, [or] | | |
| Side Keelsons, No. each side | one | | Spacing | | |
| " " thickness of Intercoastal Plate | | | Fourth Deck, amidships, Angle, [or] | | |
| " " Angles | 5 4 1/2 | | Spacing | | |
| DOUBLE BOTTOM. | | | Poop Deck, Angle, [or] | | |
| Solid Floors, thickness and spacing | | | Spacing | | |
| " " Are Frame and Reversed Frame joggled? | | | Bridge Deck, Angle, [or] | | |
| Bracket Floors, breadth and thickness at middle line | | | Spacing | | |
| " " breadth and thickness at margin plate | | | Forecastle Deck, Angle, [or] | 4 3 3/8 | |
| | | | Spacing | 30 | |

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..... | | | Stringer Plate, breadth and thickness in way of Bridge | | |
| „ in 'tween Decks, Size and Spacing..... | | | Thickness of Plating abreast Deck openings in way of Wells | | |
| „ „ „ „ „ | | | Thickness of Plating abreast Deck openings in way of Bridge | | |
| „ in Holds „ „ | | | Thickness of Plating within line of openings... | | |
| „ „ „ „ „ | | | If Sheathed, material and thickness | | |
| Centre Line Bulkhead. | | | Third Deck. | | |
| Stiffeners and Spacing..... | | | Stringer Plate, breadth and thickness..... | | |
| Plating, thickness of | | | If Plated, state thickness..... | | |
| STRINGERS AND DECKS. | | | Fourth Deck. | | |
| Uppermost Continuous Deck. | | | Stringer Plate, breadth and thickness..... | | |
| Stringer Plate, breadth and thickness in Wells | 50 x 9/16 - 30 x 9/16 | | If Plated, state thickness | | |
| „ „ „ „ in way of Bridge | | | Poop Deck. | | |
| „ Angle in Wells | 3 3 9/16 | | Stringer Plate, breadth and thickness | | |
| Thickness of Plating abreast Deck openings in way of Wells | 3/16 x 3/32 | | Plating, Sheathing, material and thickness ... | | |
| Thickness of Plating abreast Deck openings in way of Bridge | | | Bridge Deck. | | |
| Thickness of Plating within line of openings... | 3/8 x 25 | | Stringer Plate, breadth and thickness..... | | |
| If Sheathed, material and thickness | 5 x 3 P.P. | | Plating, Sheathing, material and thickness ... | | |
| Second Deck. | | | Forecastle Deck. Whaleback | | |
| Stringer Plate, breadth and thickness in Wells... | | | Stringer Plate, breadth and thickness..... | 30 | |
| | | | Plating, Sheathing, material and thickness ... | 26 | |

SHELL PLATING.

| SCANTLINGS. | | | | | RIVETING. | | | | | | | | |
|--|---------------|-------------|------------|------------|--|-----------------------------|---------|-----------------------|---------------------------|-----------------|-----------------------|------------------------|----------|
| STRAKES. | AS IN VESSEL. | | | | ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED. | EDGES. State if Joggled? | | BUTTS. | | | | | |
| | AMIDSHIPS. | | FORWARD. | AFT. | | SINGLE OR DOUBLE. | RIVETS. | | NO. OF ROWS OF RIVETS. | RIVETS. | | STRAPPED OR LAPPED. | |
| | Breadth. | Thickness. | Thickness. | Thickness. | | | Diam. | Spacing cr. to cr. | | Diam. | Spacing cr. to cr. | | |
| | Inches. | Inches. | Inches. | Inches. | | | Inches. | Inches. | | Inches. | Inches. | | |
| Starboard Flat Plate Keel | 32 | .50 | .43 | .375 | Vessel lengthened 2' 39". See Note 16329 | double | 3/4 | 3-3 1/2 | two | 3/4 | 2 5/8 | Strapped | |
| „ DBLG. (if any) | | | | | | | | | | | | | |
| BOTTOM PLATING, No. of Strakes | | .43 .375 | .375 | .375 | | | | | | | | | Lapped |
| BILGE PLATING, No. of Strakes | | .375 | .375 | .375 | | | | | | | | | |
| SIDE PLATING, No. of Strakes | | .43 | .375 | .375 | | | | | | | | | |
| UPPER DECK, Sheer- strake in Wells | 36 | .625 | .50 | .50 | | | | | | three to two | | | |
| UPPER DECK, Sheer- strake in Bridge ... | | | | | | | | | | three to two | | | Strapped |
| STRAKE BELOW Sheer- strake in Wells | | .375 | .375 | .375 | | | | | | three to two | | | Lapped |
| STRAKE BELOW Sheer- strake in Bridge ... | | | | | | | | | | | | | |
| POOP SIDE PLATING | | | | | | | | | | | | | |
| BRIDGE SIDE PLATING ... | | | | | | | | | | | | | |
| FOREC'TLE SIDE PLATING | | | .31 | | | single | | | one | | | Strapped | |

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

| | | | | | | | | | | |
|---|---|--------------------|-------------|-------|------------------|-----|-------------|--|----------|--|
| Total No. of W.T. BULKHEADS in Vessel— | | | | | | | | | | |
| Extending to Upper Deck (Sec. 3 c)..... | | | | | | | | | | |
| " Deck next below..... | | | | | | | | | | |
| As per Rule..... | | | | | | | | | | |
| | | Plating Thickness. | STIFFENERS. | | | | | | | |
| | | | VERTICAL. | | | | HORIZONTAL. | | | |
| | | | Scantlings | | Spacing. | | Scantlings | | Spacing. | |
| MIDSHIP BULKH'D, Upper tween decks | | | | | | | | | | |
| " | " | Second | " | | | | | | | |
| " | " | Third | 46 | 42-30 | 5 1/2 x 3 x 30 L | 30' | | | | |
| " | " | Holds | 68 | 38-26 | " | 30' | | | | |
| COLLISION | | (in Hold) | 83/4 | 38-26 | 6 x 3 x 33 L | 24" | | | | |
| AFTER PEAK | | | 57/13 | 43-26 | 3 x 3 x 30 | 24" | | | | |

| | | | | |
|------------------------------------|----------------|-----------------------|--------------------|--|
| Casting or Forging. | | Scantlings. | Maker's Name. | Any departure from approved plans to be noted. |
| KEEL, Bar | | Rolled 7 1/2 x 1 5/8 | Conssett & Co. Ld. | |
| STEM | | | | |
| STERN FRAME | Propeller Post | Forging 6 x 3 1/2 | Forster | |
| | Rudder | " | " | |
| RUDDER—A x D | | 82.97 | | 1 1/2 knots |
| Speed of Vessel | | | | |
| RUDDER mainpiece at head | | Forging 5 1/2 x 4 1/2 | Forster | |
| " " heel | | 3 1/2 x 3 | | |
| " how constructed | | forged & built | | |
| " double or single plate | | double | 25 | |
| " coupling, vertical or horizontal | | none | | |

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth process.*
Cussett & Co. Ltd: Appleby & Co. Ltd: S. Durham S. & I. Co. Ltd:
Dorman, Long & Co. Ltd: Kinnings & Co. Ltd:
 Has the Steel been tested as required by the Rules? *Yes.*

Has the Steel been tested as required by the Rules?

Yes

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Lloyd's Register
Foundation

| EQUIPMENT No. <u>5477</u> | | | | | | | | | | | | LETTER <u>h</u> | ANCHORS. | | |
|---------------------------|--------------------|--------------------|----------|-----------|------------------|-----------|----------|------------------------|-----------|-----------|----------|------------------------------|--------------------------|---------------------------------|---|
| Number of Certificate. | Anchors. | WEIGHT, EX. STOCK. | | | WEIGHT OF STOCK. | | | TEST, PER CERTIFICATE. | | | | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | cwts. | qrs. | lbs. | | | | |
| <u>45131</u> | 1st Bower ... | <u>8</u> | <u>1</u> | <u>14</u> | | | | <u>10</u> | <u>10</u> | <u>0</u> | <u>0</u> | <u>8 1/4</u> | <u>Jellows Stiles</u> | <u>not stated</u> | <u>C.H.; 10/2/30; Paul</u> |
| <u>45130</u> | 2nd " ... | <u>7</u> | <u>3</u> | <u>14</u> | | | | <u>10</u> | <u>0</u> | <u>1</u> | <u>7</u> | <u>7 1/2</u> | | | |
| | 3rd " ... | | | | | | | | | | | | | | |
| | Collective weight. | <u>16</u> | <u>1</u> | <u>0</u> | | | | | | | | <u>15 3/4</u> | | | |
| <u>63282</u> | Stream | <u>3</u> | <u>1</u> | <u>7</u> | <u>3</u> | <u>14</u> | <u>5</u> | <u>11</u> | <u>1</u> | <u>14</u> | | <u>3 1/4</u> | <u>Ordry Forged W.I.</u> | <u>Willelts & Sons Ltd;</u> | <u>7/2/30; Drysdale</u> |

| 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- tory. | Break- ing. | Supplied. | | Per Rule. | | Length. | Diam. | | | | | Fathoms. | Ins. | | Fathoms. | Ins. |
| 65322 | 60 1/2 | 1 1/8 | 22 3/4 | 34 1/8 | 38.3.6 | | | 77 3/4 | 120 | 1 1/8 | Plaid | Willelts & Sons | 7/2/30; Drysdale | TOWLINE | | | | | |
| 65309 | 60 | 1 1/8 | 4 | " | 38.3.10 | | | 77.2.16 | | | " | " | " | HAWSERS & WARPS | | | | | |
| | 120 | | | | | | | | | | | | | | | | | | |
| | | Cir. | | | | | | | | | | | | | 60 | 6 | | 60 | 6 |
| Iron Stream Chain or Steel Wire | | | | | | | | | | | | | | | 60 | 5 | | 60 | 5 |

Steering Gear, Steam *efficient* Steering Gear, Hand *efficient*
Boats *one, good* Steering Chains, Size and Test *7/8" dia.* Windlass *efficient*
Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *close lined*
Cargo Hatchways.—(Upper Deck) *Steel plates* Thickness of Hatches *2 1/2"*
Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*
Number of Shifting Beams and/or Fore and Afters *✓*

FOR COCHRANE & SONS, LTD.

Builder's Signature

J. L. Cochrane
DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *no* (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.

This vessel has been built in accordance with the approved plans and instructions and in conformity with the Rules for the class contemplated.
The materials and workmanship are satisfactory.
No freeboard has been assigned.
No double bottom or other ballast tanks are fitted.
The fore & after peaks, w.t. flat aft, decks, casings, hand pumps, steering gear, windlass & w.t. door have been tested and found satisfactory.

The amount of Entry Fee £ 3 : 0 : 0 Fees applied for, *ADM*
Special Survey Fee.... £ 35 : 12 : 0 Received by me, *22/3/30*
Travelling Expenses, if any £ 1 : 6 : 4

I am of opinion the Vessel should be Classed *100 A1*
"Steam Trawler"

State whether the Vessel has been built under Special Survey. *Yes*

Signature

M. Malcolm
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull* Date of issue *25/3/30*

Committee's Minute

TUE. 25 MAR 1930

Character assigned

+ 100 A1

Steam Trawler

Lloyd's ascp, + Lmb. 3.30

Elec. Lt.



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Lloyd's Register Foundation

002138-002150-0164 2

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 are enclosed:—

Midship Section

Profile & Deck

Stern Frame

Quadrant

Pumping Arrangements

Midship Section (as built)

Profile & Deck

Joining Reports (2)

Kindly return the approved plans for use with the Sister Vessel.

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

1st Bower
2nd "
3rd "

5.1.9; MAB; 4444; 10th Oct. 1929.
5.1.3; AB; 2325; 23rd " 1929.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 78.0 ft., Bridge ☒ ft., Forecastle 40 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)

Official No. 162,058; Signal Letters

Is bottom of Vessel coated with cement ☒ Yes if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

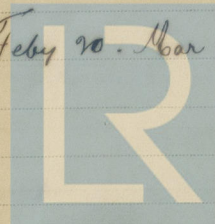
| Where Fitted. | *Length. Feet. | Water Capacity. Tons. | Where Fitted. | *Length. Feet. | Water Capacity. Tons. | | |
|---|-------------------|--------------------------|--|-------------------|--------------------------|--|--|
| Double bottom, aft, | | | Fore peak tank, | | | | |
| Double bottom, under Engines and Boilers, | | | After peak tank, | | | | |
| Double bottom, if under Engines only, | | | Deep tank, aft, | | | | |
| Double bottom, if under Boilers only, | | | Deep tank, forward, | | | | |
| Double bottom, forward, | | | Other tanks, if fitted, | | | | |
| Total capacity of double bottom | | | (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. 2930

Date 21 Oct 1929

Dates of Surveys held while building

1929. Dec 3. 13. 30. 1930. Jan 7. 8. 17. 22. 27 Feb 10. Mar 5. 13.



Lloyd's Register
Total No. of Visits 11