

1 or 2 Dks., R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

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

Received at London Office, *22977*

Date of completion of Report *15th Sept. 1910.*

Date, First Survey *April 1st*

Port of Hull

Last Survey *Sept. 6th 1910*

Rig *Ketch.*

Survey held at *Essex*

On the *Steam Sloop "TANAGER."*

TONNAGE under
Tonnage Deck... *159.57*

Do. of Poop *✓*

Do. of Raised, Qr. *✓*

Do. of Break... *✓*

Do. of Bridge House *✓*

Do. of Forecastle *✓*

Do. of Houses on Deck *2.74*

Do. of excess of Hatchways *✓*

Do. above Crown of *✓*

Engine Room... *192.31*

Gross Tonnage *19.96*

Less Crew Space *172.45*

Less above Crown of *85.93*

Engine Room... *15.38*

TONNAGE FOR FEES... *71.14*

Less Engine Room *85.93*

Less Navigation Spaces *15.38*

Register Tonnage *71.14*

as cut on Beam...

ONE OR TWO DECKED VESSEL.

CLASS *100A1. Steam Sloop.*

Half Breadth (moulded) *10.75*

Depth from upper part of Keel to top of Main Deck Bms. *13.42*

Girth of Half Midship Frame (as per Rule) *19.52*

1st Number *43.69*

Length on deck from after part of stem to fore part of stern post *108.875*

2nd Number *4756*

Proportions—Breadths to Length *5-1*

Depths to Length—Main Deck to top of Keel... *8-1*

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, *and* in Dry Dock *Yes*

Master *J. Carr*

Year of appointment *1910*

Built at *Essex*

When built *1910*

Launched *1st August*

By whom built *Essex Shipbuilding & Repairing Co. Ltd.*

Owners *Kelsall Brothers & Bushing, Ltd.*

Managers

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

Residence *Hull.*

Port belonging to *Hull.*

| LENGTH on Deck as per Rule | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams | Feet. | Inches. | No. of Decks with Flat laid | No. of Tiers of Beams |
|----------------------------|-----------|----------|-----------------|----------|-----------|-------------------------------------------------------|-----------|----------|-----------------------------|-----------------------|
| <i>108</i> | <i>10</i> | <i>8</i> | <i>21</i> | <i>6</i> | <i>12</i> | <i>1</i> | <i>12</i> | <i>1</i> | <i>One</i> | <i>One</i> |

Dimensions of Ship per Register, Length, *110-1* breadth, *21-6* depth, *11-97* Moulded Depth, *12* ft. *11* ins. Round of Beam, Actual *6* ins.

| FRAMING. | | | FORGINGS AND CASTINGS. | | | KEELSONS AND STRINGERS. | | |
|-------------------------------------------------------------------------------------------|-----------------|-----------------|----------------------------------------------------------------|-----------------|------------------|----------------------------------------------------------------------------------------|-----------------|------------------|
| FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships | Inches in Ship. | Inches in Ship. | KEEL, Bar or Side Plates depth and thickness | Inches in Ship. | Inches per Rule. | CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate | Inches in Ship. | Inches per Rule. |
| Do. for $\frac{1}{2}$ at each end | <i>4</i> | <i>3</i> | STEM, moulding and thickness. <i>Bull. Bar.</i> | <i>7</i> | <i>1</i> | " Rider Plate | <i>8</i> | <i>8</i> |
| Do. in way of Double Bottoms at Solid Floors | <i>4</i> | <i>3</i> | STERN-POST for Rudder do. do. | <i>7</i> | <i>1</i> | " Bulb Plate to Intercoastal Keelson | <i>8</i> | <i>8</i> |
| " " at intermdt. Bkts. | <i>4</i> | <i>3</i> | " for Propeller | <i>6</i> | <i>2</i> | " Horizontal Plates on Floors | <i>4</i> | <i>3</i> |
| Spacing of Frames from centre to centre | <i>21</i> | <i>21</i> | MAIN PIECE of Rudder, diameter at head | <i>4</i> | <i>4</i> | " Angles | <i>10</i> | <i>4</i> |
| REVERSED FRAME, Angles | <i>4</i> | <i>4</i> | do. at heel | <i>2</i> | <i>2</i> | " SIDE KEELSON, Angles | <i>10</i> | <i>4</i> |
| DEEP FRAMING, depth of girder | <i>4</i> | <i>4</i> | RUDDER, how constructed <i>Forged iron fram. 2 plates 5/16</i> | | | " Bulb or Plate above floors for lng. | <i>10</i> | <i>4</i> |
| FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships | <i>16</i> | <i>6</i> | Can the Rudder be unshipped afloat? <i>Yes.</i> | | | " Intercoastal Plate for length | <i>10</i> | <i>4</i> |
| " in way of Engines and Boilers | <i>10</i> | <i>8</i> | | | | " Attached to outside plating with Angle | <i>10</i> | <i>4</i> |
| " thickness at the ends of vessel | <i>10</i> | <i>8</i> | | | | " BILGE KEELSON, Angles <i>(On)</i> | <i>10</i> | <i>4</i> |
| " depth at $\frac{1}{2}$ the half breadth, as per Rule | <i>10</i> | <i>8</i> | | | | " Bulb or Plate above floors for lng. | <i>10</i> | <i>4</i> |
| " height extended at the Bilges | <i>10</i> | <i>8</i> | | | | " Intercoastal Plate for length | <i>10</i> | <i>4</i> |
| FLOORS & BRACKETS, in Cell Dble Bottoms | | | | | | " Attached to outside plating with Angle | <i>10</i> | <i>4</i> |
| " " state if flanged (top & bottom) | | | | | | " BILGE STRINGER Angles | <i>10</i> | <i>4</i> |
| " " Spacing | | | | | | " Bulb Plate for length | <i>10</i> | <i>4</i> |
| CENTRE GIRDER, in Double Bottom, depth and thickness | | | | | | " Intercoastal Plate for length | <i>10</i> | <i>4</i> |
| " " Angles, Top | | | | | | " Attached to outside plating with Angle | <i>10</i> | <i>4</i> |
| " " Bottom | | | | | | " SIDE STRINGER Angles <i>(On)</i> | <i>10</i> | <i>4</i> |
| SIDE GIRDERS, number on each side & thickness | | | | | | " Bulb or Intercoastal Plate for lng. | <i>10</i> | <i>4</i> |
| " " state if flanged (top & bottom) | | | | | | " Attached to outside plating with Angle | <i>10</i> | <i>4</i> |
| " " Angles | | | | | | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | | | | | | | | |
| " " Angles to Outside Plating | | | | | | | | |
| " " Floors | | | | | | | | |
| " " Height of Floors at the Bilges | | | | | | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | | | | | | |
| " " thickness in Engine and Boiler space | | | | | | | | |
| " " Remainder in Holds | | | | | | | | |
| BEAMS, Main and Raised Quarter Deck, Single Angle, <i>Bull. Angle, Plate or Tee Bulb</i> | <i>5</i> | <i>3</i> | | | | | | |
| " " Angles on Upper Edge | <i>5</i> | <i>3</i> | | | | | | |
| " " Spacing | <i>42</i> | <i>42</i> | | | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb | | | | | | | | |
| " " Angles on Upper Edge | | | | | | | | |
| " " Spacing | | | | | | | | |
| BEAMS, Hold, Plate or Tee Bulb | | | | | | | | |
| " " Angles on Upper Edge | | | | | | | | |
| " " Spacing | | | | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | | | | | |
| " " Angles on Upper Edge | | | | | | | | |
| " " Spacing | | | | | | | | |
| BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb | | | | | | | | |
| " " Angles on Upper Edge | | | | | | | | |
| " " Spacing | | | | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb | | | | | | | | |
| " " Angles on Upper Edge | | | | | | | | |
| " " Spacing | | | | | | | | |
| PILLARS, In 'tween Decks, Size and Spacing | | | | | | | | |
| " " Hold | <i>2</i> | <i>2</i> | | | | | | |
| " " Quarter, 'tween Dks., " " | <i>2</i> | <i>2</i> | | | | | | |
| " " in Hold | <i>2</i> | <i>2</i> | | | | | | |
| WEB FRAMES, In Fore Body, No. and Spacing | | | | | | | | |
| " " Brdth. & Thickness | | | | | | | | |
| " " No. of Side Stringers | | | | | | | | |
| WEB FRAMES, In E. & B. Space, No. & Spacing | | | | | | | | |
| " " Brdth. & Thickness | | | | | | | | |
| WEB FRAMES, In After Body, No. and Spacing | | | | | | | | |
| " " Brdth. & Thickness | | | | | | | | |
| " " No. of Side Stringers | | | | | | | | |
| " " Size of Angles or Tee Bars to Web Frames | | | | | | | | |
| BRACKET PLATES to Stringers between Web Frames, Depth and Thickness | | | | | | | | |
| | | | | | | | | |

PLATING.

| STRAKES. | AS IN SHIP. | | | | PER RULE OR AS APPROVED. | | SOUND EDGES. | | BUTTS. | | IF LAPPED. | |
|-------------------------------------------------|-------------|----------|------|-----------|--------------------------|-----------|-------------------|-----------------|--------|-------------------|------------|---------|
| | AMIDSHIP. | FORWARD. | AFT. | AMIDSHIP. | AMIDSHIP. | AMIDSHIP. | Single or Double. | Breadth of Lap. | Diam. | Spacing or to cr. | RIVETS. | STRAPS. |
| FLAT PLATE KEEL | 13 in | 7 | 7 | 7 | 41 | 7 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| GABBOARD OF A STRAKE | 41 | 7 | 7 | 7 | 41 | 7 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| State actual thickness in way of Double Bottom. | B | 6 | 5 | 5 | 6 | 6 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| C | 6 | 5 | 5 | 5 | 6 | 6 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| D | 7 | 6 | 6 | 6 | 7 | 7 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| E | 7 | 6 | 6 | 6 | 7 | 7 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| F | 32 | 9 | 8 | 8 | 32 | 9 | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| G | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| H | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| J | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| K | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| L | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| M | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| N | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| O | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| P | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| DOUBLING OF FLAT PLATE KEEL | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| Length and thickness of Bilges | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| Length and thickness of Sheerstrakes | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| Length and thickness of Strake below | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| POOP SIDES | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| RAISED QUARTER DECK SIDES | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| BRIDGE SIDES | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| FORECASTLE SIDES | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |
| LENGTHS OF PLATING | | | | | | | Double | 4 1/2 | 2 1/4 | 3 | 1 1/2 | 2 1/2 |

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Mild Steel. South Durham - Consett.*

Has the Steel been tested as required by the Rules *Yes.*

FRAMES extend in one length from *Keel* to *Deck* state if ordinary or joggled *Ordinary*

REVERSED FRAMES on floors and frames extend from *Keel* to *Deck* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.

| LOWER MASTS. | Material. | Total length. | DIAMETER AND THICKNESS. | | | No. of Plates in round. | ANGLES. | RIVETING. |
|--------------|-----------|---------------|-------------------------|-------|---------|-------------------------|---------|-----------|
| | | | At Partners. | Heel. | Hounds. | | | |
| Fore | P.Pine | 39-0 | 13 | | | | | |
| Main | Steel | 32-0 | 12 1/2 | | | | | |
| Mizen | | | | | | | | |

Bowsprit *Yes*

Topmast, Mast and Remainder of Spars *Pitch Pine*

Rigging, Material and Size, Shrouds *Essex wire, 2 1/2 - 2 1/2* Stays *3 1/2 - 3*

Sails. *One* Suit of Sails and the following spare sails *Yes*

Equipment No. *✓* Letter *✓* **ANCHORS.** *Tennage U.D.K. or Plating No. for Travellers 4756*

| Number of Certificate. | Anchors. | WEIGHT, EX STOCK | | | WEIGHT OF STOCK | | | TEST, PER CERTIFICATE. | | | WEIGHT REQUIRED BY TABLE 22. | | | Description of Anchor. | Makers. | Where and when tested and Superintendent. |
|------------------------|-------------------|------------------|------|------|-----------------|------|------|------------------------|-------|------|------------------------------|-------|------|------------------------|---------|----------------------------------------------------------------------------------------------------|
| | | Cwts. | qrs. | lbs. | Cwts. | qrs. | lbs. | Tons. | Cwts. | qrs. | lbs. | Cwts. | qrs. | | | |
| 64597 | 1st Bower | 5 | 0 | 13 | 1 | 1 | 11 | 7 | 9 | 2 | 21 | 5 | 0 | 0 | Rodgers | 1910. Apr. 1. 4. 6. 8. 12. 18. 20. 21. 25. 27. 29. May 2. 3. 9. 10. 13. 21. 26. June 2. 3. 16. 20. |
| 64595 | 2nd " | 4 | 2 | 3 | 1 | 0 | 17 | 7 | 0 | 0 | 0 | 4 | 2 | 0 | " | 1910. Apr. 1. 4. 6. 8. 12. 18. 20. 21. 25. 27. 29. May 2. 3. 9. 10. 13. 21. 26. June 2. 3. 16. 20. |
| 64596 | 3rd " | 2 | 1 | 22 | 2 | 16 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | " | 1910. Apr. 1. 4. 6. 8. 12. 18. 20. 21. 25. 27. 29. May 2. 3. 9. 10. 13. 21. 26. June 2. 3. 16. 20. |
| | Collective weight | 12 | 0 | 10 | | | | | | | | 12 | 0 | 0 | | |
| | Stream | | | | | | | | | | | | | | | |
| | Kedge | | | | | | | | | | | | | | | |

CHAIN CABLES.

| Number of Certificate. | Length and size supplied. | Test per Certificate. | WEIGHT OF CHAIN CABLE. | | | Length & Size per Table 22. | Description. | Makers of Cables. | Where and when tested and Superintendent. | Material. | Length and size supplied. | Breaking Test of Steel Wire. | Length and size supplied. |
|------------------------|---------------------------|-----------------------|------------------------|---------------|---------------|-----------------------------|---------------|-------------------|-------------------------------------------|-----------|---------------------------|------------------------------|---------------------------|
| | | | Supplied. | Per Table 22. | Per Table 22. | | | | | | | | |
| 45645 | 90 1 | 18 27 | 48-1-17 | 45-2-17 | 90 1 | Link | W. & A. R. C. | H. Essex. Sup. | TOWLINE | 60 5 1/2 | 60 5 1/2 | 60 5 1/2 | |
| | | | | | | | | | | 60 4 | 60 4 | 60 4 | |

HAWERS AND WARPS.

Boats *One*

Pumps, Number *Three* Diameter of Barrel *6 - 4 1/2* State whether they are in efficient working order *Yes*

Windlass is by *Essex* & *Grow*. Capstan *✓*

Engine Room Skylights.—How constructed? *of Teak.*

What arrangements for deadlights in bad weather? *Teak flaps and bullseyes.*

Coal Bunker Openings.—How constructed? *Cast iron* How are lids secured? *Secured* Height above deck? *8 ft.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 5 Scuppers, 3 Freeing Ports, 24" x 12"*

Ceiling in Holds, thickness and material *2" Pine* Cargo Battens, thickness and material *✓*

Cargo Hatchways.—How formed? *Plates and angles.* Hatches.—If strong and efficient? *Yes.*

State size No. 1 Hatch (Forward) *2 - 6 x 2 - 6* No. 2 Hatch *3 - 6 x 3 - 6* No. 3 Hatch *✓* No. 4 Hatch *✓*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *✓*

No. of Breasthooks *Four* No. of Crutches *1 + dup floors.*

Bulwarks, height above deck and description *3' 0" x 6" Steel* Main Rail and Stays, material and size *7' 3" x 3" Mild B.A.*

The above is a correct description of the vessel as built and equipped by the Builder.

Builder's Signature *(here only)* *A. H. Deane* Surveyor's Signature *Allison B. Wilson* Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *(m.) 22-3-10*

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* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few.*

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. 23, par. 24)? *Scanned* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Scanned* State results of tests *✓*

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans, the Surveyor's letters of the above date and in general conformity to Rules for the class contemplated.

Accompanying this report;— Plans of Midship Section, and Profile, and reports on ships fittings (2)

This is a sister vessel to the "Grosbeak". Hull Report No. 22884.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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 it should appear in the Register Book) *1 Dk.*

Official No. *129245*; Signal Letters *✓* State if Machinery is fitted aft *Yes.*

How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint.*

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

| Where fitted. | Length. | Water Capacity. | Where fitted. | Length. | Water Capacity. |
|-------------------------------------------|---------|-----------------|-------------------------|---------|-----------------|
| | | | | | |
| 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 | ✓ | 21-0 4-0 |
| Double bottom, forward, | ✓ | | Other tanks, if fitted, | ✓ | |

Total capacity *✓* (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. *1828*

Date *24/3/10*

No. *134* in builder's yard.

DATES OF SURVEYS held while building *1910. Apr. 1. 4. 6. 8. 12. 18. 20. 21. 25. 27. 29. May 2. 3. 9. 10. 13. 21. 26. June 2. 3. 16. 20. Jun 23. 27. July 1. 4. 7. 12. 13. 14. Aug 4. 5. 11. 15. 18. 30. Sep 6.*

The amount of Entry Fee *£ 1 : 0 : 0* Fees applied for, *15-9-10*

Special *£ 8 : 12 : 0* Received by me, *17-9-10*

Travelling Expenses, if any *£ - : 16 : 5*

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

I am of opinion this Vessel should be Classed *100 A1, Steam Trawler.*

With or without Freeboard, as condition of Class *Without.*

Surveyor to Lloyd's Register of British and Foreign Shipping. *Allison B. Wilson*

Committee's Minute *TUES. 20 SEP. 1910*

Character assigned *100 A1*

Wm. Hawley W.

Lloyd's at 10.10

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