

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

# IRON OR STEEL STEAMER.

No. 17771

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report 19<sup>th</sup> April 1906.  
Date, First Survey *Nov. 24/05*

Received at London Office *FRI. APR 20 1906*

Port of *Hull*.  
Last Survey *Apr 10<sup>th</sup> 1906*.  
Rig *Ketch*.

Survey held at *Selly*

On the *Steam Trawler "UMBALLA"*

TONNAGE under  
Tonnage Deck... *230.44*

Do. of Poop *13.61*

Do. of Raised Or. *2.15*

Do. of Bridge House *3.43*

Do. of Forecastle *2.15*

Do. of Houses on Deck *2.15*

Do. of Access of Hatchways *2.15*

Do. above Crown of *2.15*

Engine Room *2.15*

Gross Tonnage *249.93*

Less Crew Space *23.34*

Less above Crown of *2.15*

Engine Room *2.15*

TONNAGE FOR FEES *226.59*

Less Engine Room *113.09*

Less Navigation Spaces *8.88*

Register Tonnage *114.62*

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS *100 A1* Steam Trawler.

Half Breadth (moulded) *10.95*

Depth from upper part of Keel to top of Main Deck Bms. *12.80*

Girth of Half Midship Frame (as per Rule) *19.62*

1st Number *43.37*

Length on deck from after part of stem to fore part of stern post *125.87*

2nd Number *54.58*

Proportions—Breadths to Length *5.7*

Depths to Length—Main Deck to top of Keel *9.8*

Destined Voyage *Fishing*

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

Master *✓*

Year of appointment *(1) As master in service of owner of present vessel:—19 (2) As master of this vessel:—19*

Built at *Selly*

When built *1906* Launched *12<sup>th</sup> February*

By whom built *Cochrane & Sons*

Owners *The Union Steam Fishing Co. Ltd.*

Managers

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

Residence *Grimsby*

Port belonging to *Grimsby*

LENGTH on Deck as per Rule *125* Feet. *10 1/2* Inches. BREADTH—Moulded *21* Feet. *11* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *11* Feet. *6* Inches. No. of Decks with Flat laid *One* No. of Tiers of Beams *One*

Dimensions of Ship per Register, Length, *124-0* breadth, *22-1* depth, *11-5* Moulded Depth, *12* ft. *4* ins. Round of Beam, Actual *6* ins.

## FRAMING.

FRAME, Angles, *7 E or L* Bars for  $\frac{1}{2}$  length amidships *3* *2 1/2* *6* *3* *2 1/2* *6*

Do. for  $\frac{1}{2}$  at each end *3* *2 1/2* *6* *3* *2 1/2* *6*

Do. in way of Double Bottoms at Solid Floors. *✓*

Do. " " at intermdt. Bkts. *✓*

Spacing of Frames from centre to centre *20*

REVERSED FRAME, Angles *2 1/2* *2 1/2* *4* *2 1/2* *2 1/2* *4*

DEEP FRAMING, depth of girder *✓*

FLOORS, depth and thickness of Floor Plate at mid-line for  $\frac{1}{2}$  length amidships *16* *6* *16* *6*

" in way of Engines and Boilers *7* *7*

" thickness at the ends of vessel *6* *6*

" depth at  $\frac{1}{2}$  the half breadth, as per Rule *straight across plan*

" height extended at the Bilges *✓*

FLOORS & BRACKETS, in Cell Dble Bottoms *✓*

" " state if flanged (top & bottom) *✓*

" " Spacing *✓*

CENTRE GIRDER, in Double Bottom, depth and thickness *✓*

" " Angles, Top *✓*

" " Bottom *✓*

SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom) *✓*

" " 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, Bulb Angle, Plate or Tee Bulb *5* *3* *9* *5* *3* *9*

" Angles on Upper Edge *✓*

" Spacing *40* *40*

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 *5* *3* *8* *5* *3* *8*

" Angles on Upper Edge *✓*

" Spacing *40* *40*

PILLARS, In 'tween Decks, Size and Spacing *✓*

" " Hold *2 1/2* as arranged *✓*

" " Quarter, 'tween Dks., " " *✓*

" " in Hold *✓*

WEB FRAMES, In Fore Body, No. and Spacing *✓*

" " Brdth. & Thickness *✓*

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 *✓*

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness *4 1/2 x 1 1/2*

STEM, moulding and thickness. *7 1/2 x 1 1/2*

STERN-POST for Rudder do. do. *6 x 3*

" for Propeller *4 1/2*

MAIN PIECE of Rudder, diameter at head *3 1/2 x 3*

do. at heel *3 1/2 x 3*

RUDDER, how constructed *Forged iron frame, plated.*

Can the Rudder be unshipped afloat? *Yes*

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate *4 1/2* *7* *7 1/2* *7*

" Rider Plate *✓*

" Bulb Plate to Intercoastal Keelson *✓*

" Horizontal Plates on Floors *✓*

" Angles *4* *3* *7* *4* *3* *7*

SIDE KEELSON, Angles *✓*

" Bulb or Plate above floors for lng. *✓*

" Intercoastal Plate for length *✓*

" Attached to outside plating with Angle *✓*

BILGE KEELSON, Angles *(Over)* *5* *4* *8* *5* *4* *8*

" Bulb or Plate above floors for lng. *✓*

" Intercoastal Plate for length *✓*

" Attached to outside plating with Angle *✓*

BILGE STRINGER Angles *✓*

" Bulb Plate for length *✓*

" Intercoastal Plate for length *✓*

" Attached to outside plating with Angle *✓*

SIDE STRINGER Angles *(Over)* *5* *4* *8* *5* *4* *8*

" Bulb or Intercoastal Plate for lng. *✓*

" Attached to outside plating with Angle *✓*

Main and Raised Quarter Deck Stringer Plate, breadth and thickness *50* *5* *50* *5*

" Angle on ditto *3 x 3* *6* *3 x 3* *6*

" Tie Plates, outside Hatchways *8* *6* *8* *6*

" Diagonal Tie Plates on Bms., No. of Pairs *✓*

" Main Dk\* Iron or Steel for lng. *✓*

" R. Q. Dk\* Iron or Steel for lng. *✓*

" Wood Deck, Material & thickness *P.P. Iron* *3* *3* *3* *3*

Lower Deck Stringer Plate, breadth and thickness *✓*

" Angles on ditto, No. *✓*

" Tie Plates, outside Hatchways *✓*

" Deck\* Material and thickness *✓*

Hold Stringer Plate *✓*

" Angles on ditto, No. *✓*

Poop Deck Stringer Plate, breadth & thickness *✓*

" Angle on ditto *✓*

" Tie Plates *✓*

" Deck, Material and thickness *✓*

Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness *✓*

" Angle on ditto *✓*

" Tie Plates *✓*

" Deck, Material and thickness *✓*

Forecastle Deck Stringer Plate, brdth & thcknss *✓*

" Angle on ditto *3 x 3* *5* *3 x 3* *5*

" Tie Plates *5* *3* *5* *3*

" Deck, Material and thickness *P.P. Iron* *3* *3* *3* *3*

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

## BULKHEADS.

Number, In Vessel, Per Rule, Thickness, 16ths of an Inch.

W.T. BULKHEADS *4* *4* *4* *4*

PARTITION *✓*

LONGITUDINAL *✓*

## STIFFENERS.

Horizontal, Vertical, Single or Double Frames, Height up.

Size, Spacing, Size, Spacing, Size, Spacing, Size, Spacing.

3 x 2 1/2 x 5/16 48 30 202 0n

Are the outside Plates doubled two spaces of Frames in length? *Diamond Plate*

Are the Stance Valves and Watertight Doors in efficient working order? *Yes*



PLATING. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. BUTTS. STRAKES. AMIDSHIP. FORWARD. AFT. AMIDSHIP. Single or Double. Breadth of Lap. Rivets. Double or Treble. Rivets. Straps. IF LAPPED. Flat Plate Keel. Garboard of A Strake. State actual thickness in way of Double Bottom. Doubling of Flat Plate Keel. Length and thickness of Bilges. of Sheerstrakes. of Strake below. POOP SIDES. RAISED QUARTER DECK SIDES. BRIDGE SIDES. FORECASTLE SIDES. LENGTHS OF PLATING. Manufacturer's name or trade mark of the Iron or Steel. Main Stringer Plate. Butts of Bilge & Side Stringers. Inner Bottom Plating. Centre Girder Butts. Frames. Rivets. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts. Riggers. Sails. Equipment No. Letter. ANCHORS. 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. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State size No. 1 Hatch. Number of Web Plates. Bulwarks. The above is a correct description. Builder's Signature. Surveyor's Signature. Allison B. Wilson.

M. 14-7-05. 15-11-05.

**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 faying 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)? *Sawen* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Sawen* 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 Secretary's letters of the above date, and in general conformity to the Rules for the Class contemplated.

Accompanying this Report, Plan of Midship Section, and Report on  
Ships Forging

This is a sister vessel to the "<sup>Dr.</sup>Forward", and "Emperor". Hull Reports  
No. 14511 and 14385.

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ✓ 64 ft., R.Q.D. or Break 0 ft., Bridge Dk. ✓ 21 ft., F'castle 21 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*) 12K.

Official No. ✓ ; 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. 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, .....			(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.

Order for Special Survey No. <u>154</u>	Dares of Surveys held while building	1905: - Nov 24, 27, 30, Dec 12, 19, 22. 1906: - Jan 1, 12, 17, 23, 26, 31. Feb. 6, 10, 16, 22 Feb. 28 Mar 9, 13, 26. Apr 9, 10.
Date <u>14/11/05</u>		
No. <u>361</u> in builder's yard.		
		Total No. of Visits <u>22</u>

The amount of Entry Fee .....£ 2 : . : .

Special.....£ 11 : 7 : -

Travelling Expenses, if any £ - : 15 : 8

Fees applied for, 19/4/1906

Received by me, 21.4.06 23/4/06

Certificate to be sent to Hull

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

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

Committee's Minute \_\_\_\_\_

Character assigned \_\_\_\_\_

TUES. 24 APL 1906

100 R1 (SM)

skin crawler  
Hgt asc + lmc 4 ob

W744-0151