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

~~IRON OR~~ STEEL STEAMER.

No. 17705

FRI 30 MAR 1906

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

Received at London Office

Date of completion of Report 29th March 1906. Port of Hull.

Date, First Survey Oct. 27/05 Last Survey Mar. 20th 1906.

Survey held at Selby, Rig Yawl

On the Steam Trawler, "CLIFTON."

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1 "Steam Trawler"

		FEET.
TONNAGE under Tonnage Deck	223.87	
Do. of Poop	✓	
Do. of Raised Qr. Dk. or Break	13.40	
Do. of Bridge House	✓	
Do. of Forecastle Break	1.66	
Do. of Houses on Deck	3.04	
Do. of excess of Hatchways	✓	
Do. above Crown of Engine Room		
Gross Tonnage	242.27	
Less Crew Space	✓	
Less above Crown of Engine Room	✓	
TONNAGE FOR FEES	242.27	
Less Engine Room	113.44	
Less Navigation Spaces	3.50	
Register Tonnage as cut on Beam	125.33	
Half Breadth (moulded)		10.95
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)		12.79
Girth of Half Midship Frame (as per Rule)		18.95
1st Number		42.69
Length on deck from after part of stem to fore part of stern post		126.04
2nd Number		5334
Proportions—Breadths to Length		5.7
Depths to Length—Main Deck to top of Keel		9.7

Destined Voyage Fishing

If Surveyed while Building, and 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 Selby

When built 1906 Launched 15th January

By whom built Cochrane & Sons.

Owners J. C. & J. Moss.

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

Residence Grimsby.

Port belonging to Grimsby.

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	125	0½	BREADTH—Moulded	21	10½	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	11	5½	No. of Decks with Flat laid One. No. of Tiers of Beams One.

Dimensions of Ship per Register, Length, 126.2 breadth, 22.0 depth, 11.47. Moulded Depth, 12 ft. 4 ins. Round of Beam, Actual 6 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	16ths ~~or 20ths~~ per Rule ved.
FRAME, Angles, ~~L, E or L Bars~~, for ⅜ length amidships	4	3	7	4	3	7
Do. for ⅛ at each end						
Do. in way of Double Bottoms at Solid Floors		✓				
,, ,, at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre		20			20	
REVERSED FRAME, Angles ~~Top of floors~~	2½	2½	4	2½	2½	4
DEEP FRAMING, depth of girder		~~4~~			~~4~~	
FLOORS, depth and thickness of Floor Plate at mid-line for ⅜ length amidships	16		6	16		6
,, in way of Engines and Boilers			7			7
,, thickness at the ends of vessel			5			5
,, depth at ¾ 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	8	5	3	8
,, 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** ,, ,,	2½	As arranged.				
,, **Quarter, 'tween Dks.,** ,, ,,		✓				
,, ,, **in Hold** ,, ,,		✓				
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		✓				

FORGINGS ~~AND CASTINGS.~~

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side Plates~~ (Bulb Plate) depth and thickness	4½ x 1 5/8	7½ x 1 5/8
STEM, moulding and thickness	7½ x 1 5/8	7½ x 1 5/8
STERN-POST for Rudder do. do.	6 x 3	6 x 3
,, for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4½	4½
do. at heel	3½ x 3	3 x 2¾

RUDDER, how constructed Forged iron frame, Plated.

Can the Rudder be unshipped afloat? Yes.

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	16ths ~~or 20ths~~ per Rule ved.
CENTRE LINE KEELSON, Vertical Plate (Bulb) above floors, ~~Through Plate, or Intercostal Plate~~	7½		7	7½		7
,, Rider Plate		✓				
,, Bulb Plate to Intercostal Keelson		✓				
,, Horizontal Plates on Floors		✓				
,, Angles	4	3	7	4	3	7
SIDE KEELSON, Angles		✓				
,, Bulb or Plate above floors for lng.		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles	3	3	6	3	3	6
,, Bulb or Plate above floors for lng.		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
BILGE STRINGER Angles		✓				
,, Bulb Plate for length		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
SIDE STRINGER Angles	3	3	6	3	3	6
,, Bulb or Intercostal Plate for lng.		✓				
,, Attached to outside plating with Angle		✓				
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50		6	50		6
,, 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 R.Q.Dk lng.	7/20 +		5	7/20 +		5
,, Wood Deck, Material & thickness R. Pine	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. Awning Deck Stringer Plate, breadth and thickness	✓					
,, Angle on ditto	✓					
,, Tie Plates	✓					
,, Deck, Material and thickness	✓					
Forecastle Deck Stringer Plate, brdth & thckns			6			6
,, Angle on ditto	3 x 3		6	3 x 3		6
,, ~~Tie Plates~~ Deck plated over			5			5
,, Deck, Material and thickness R. Pine	3			3		

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

BULKHEADS.

	Number. In Vessel.	Number. Per Rule.	Thickness, 16ths ~~or 20ths~~.	STIFFENERS. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	4	4	4	3" x	2½" x	6/16"	48 30	Single	Dk
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

Are the outside Plates doubled two spaces of Frames in length? Diamond plates fitted

Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? Yes.

Rpt. 1A. 1000-10/03.

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W930-0090

PLATING.

STRAKES.	As in Ship: Amidship Breadth (Inches)	Amidship Thickness (16ths)	Forward Thickness (16ths)	Aft Thickness (16ths)	Per Rule or as Approved: Amidship Breadth (Inches)	Amidship Thickness (16ths)
FLAT PLATE KEEL (If Bar Keel, state Riveting)	Bar Keel					
GARBOARD OR A STRAKE	32	8	7	7	32	8
B (State actual thickness in way of Double Bottom.)		7	6	6		7
C		7	6	6		7
D		7	6	6		7
E		7	6	6		7
F		7	6	6		7
Sheer G	31	8	7	7	31	8
H						
J						
K						
L						
M						
N						
O						
P						
DOUBLING of Flat Plate Keel	✓					
Length and thickness of Bilges	✓					
Length and thickness of Sheerstrakes	✓					
Length and thickness of Strake below	✓					
POOP SIDES	✓					
RAISED QUARTER DK. SIDES		8		7		
BRIDGE SIDES	✓					
FORECASTLE SIDES			7			
LENGTHS OF PLATING	Seven frame spaces.					

Write 'Sheer Strake' opposite its corresponding letter.

RIVETING.

Strake	Lower Edges (Ordinary ~~or Joggled~~?): Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Butts: Double or Treble and for what Length	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (16ths)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
Flat Plate Keel			1	5							
A					D full L	3/4	2 5/8	9 3/4	9		
B	Double	4½	3/4	3½	"	"	"			5	Full
C	"	"	"	"	"	"	"			"	"
D	"	"	"	"	"	"	"			"	"
E	"	"	"	"	"	"	"			"	"
F	"	"	"	"	"	"	"			"	"
G	"	"	"	"	"	"	"	9 3/4	9		

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 S.&I.Co. Consett. Frodingham.

Has the Steel been tested as required by the Rules Yes

Main Stringer Plate { **Butts,** ~~treble~~ Double riveted for full length ~~amidship~~. **Straps,** ~~single, double or~~ overlapped for full length ~~amidship~~

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? T.& D.

Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓

Centre Girder Butts, ✓ riveted. **Keelson Butts,** Treble riveted.

Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.

Rivets, state whether of Iron or Steel Iron.

FRAMES extend in one length from keel to gunwale. state if ordinary or joggled Ordinary.

REVERSED FRAMES on floors and frames extend ~~from~~ Across top of floors. (Deep angle frame) state if ordinary or joggled Ordinary.

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness: At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles: Number.	Size.	Riveting: Seams.	Butts.
LOWER MASTS Fore	P. Pine	42-10	14								
Main											
Mizen	Steel	31-0	12								

Bowsprit ✓

Topmasts, ~~Yards~~ and Remainder of **Spars** Pitch pine

Rigging, Material and Size, **Shrouds** Galvd. wire 3½, 2½. **Stays** Galvd. wire, 3½". 2"

Sails. One Suit of Sails and the following spare sails

Equipment No. ✓ **Letter** ✓. ~~Tonnage U.Dk. or~~ Plating No. for Travlers 5337.

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock: Cwts.	qrs.	lbs.	Weight of Stock: Cwts.	qrs.	lbs.	Test, per Certificate: Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22: Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
29053	1st Bower	5	2	4	1	1	18	7	16	1	0	5	2	0	Rodgers	Wm. Griffin	L.P.H. Tipton 19.12.05 Perrins
29050	2nd	5	0	4	1	1	10	7	7	2	0	5	0	0	"	"	" 18.12.05 "
29066	3rd	5	0	4	1	1	4	7	7	2	0	2	3	0	"	"	" 20.12.05 "
	Collective weight																
	Stream	✓															
	Kedge	✓															

CHAIN CABLES.

Number of Certificate.	Length supplied (Fathoms)	Diam. (Ins.)	Test per Certificate: Statutory (Tons)	Breaking (Tons)	Weight of Chain Cable: Supplied (Cwts. qrs. lbs.)	Per Table 22 (Cwts. qrs. lbs.)	Length & Size per Table 22: Length (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested and Superintendent.
558	105	1 1/16	20 3/10	30 4/10	62-0-19	60-2-18	106	1 1/16	Stud Link	Wm. Griffin	L.P.H. Cradley Heath 30.12.05. Dudley
Iron Stream Chain or Steel Wire	✓										

HAWSERS AND WARPS.

Material.	Length and Size supplied: Length (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline (Tons)	Length and Size per Table 22: Length (Fathoms)	Cir. (Ins.)
TOWLINE					
HAWSERS & WARPS	60	6		60	6
Manilla	60	4½		60	4½
" "					

Boats One

Pumps, Number Three. Diameter of Barrel 4"-3" State whether they are in efficient working order Yes

Windlass is by Cochrane & Sons. **Capstan** ✓

Engine Room Skylights.—How constructed? Teak

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

Coal Bunker Openings.—How constructed? Cast iron rings. How are lids secured? Screwed. Height above deck? Flush.

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** One each side.

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'-10" × 2'-10" **No. 2 Hatch** 2'-10" × 2'-10" **No. 3 Hatch** 2'-10" × 2'-10" **No. 4 Hatch** 2'-10" × 2'-10"

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

No. of Breasthooks Four **No. of Crutches** One & deep floors

Bulwarks. height above deck and description 2'-6" × 5/16 Main Rail and Stays, material and size [illegible] Steel B.A.

The above is a correct description.

Builder's Signature (here only). Cochrane & Sons *Surveyor's Signature* Allison B. Wilson.

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

Rpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*)
M 14-11-05

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)? Trawler State results of tests ✓

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Trawler 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 dates, and in general conformity to the Rules for the class contemplated.

Accompanying this Report. Plans of Midship Section, Profile and Decks, and Report on Ships Forgings.

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 67-0 ft., Bridge Dk. ✓ ft., F'castle 19-0 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. ✓ ; 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, ✓ (If necessary, furnish further information by sketch.)		
Total capacity ✓					

* 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. 1548 Date 14/11/05 No. 359 in builder's yard.

Dates of Surveys held while building: 1905:- Oct 27. 30. Nov 6. 10. 13. 24. 27. 30 Dec 7. 12. 19. 22, 1906:- Jan 1. 12. 17. 23. 26. 31 Feb 6. Feb 10. 16. 22. Mar 15. 20.

Total No. of Visits 24

The amount of Entry Fee £ 2 : - : -
Special £ 12 : 2 : -
Travelling Expenses, if any £ - : 18 : 10
Fees applied for, 28/3/1906
Received by me, 30/3/1906
31.3.06

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

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

Committee's Minute TUES. 3 APL 1906

Character assigned 100 A1 (Stl) Stm. Trawler

Lascp. + LMC 3.06

The Surveyors are requested not to write on or below the Committee's Minute.

3/4/06

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W930-0090