~~With or~~ Without

~~Disconnected~~ Erections.

(8)

STEEL STEAMER.

THU. JUN. 19. 1913

Received at London Office .....

State if Report is also sent on the Machinery of the Vessel Low Rpt.

Date of completion of report 15th June 1913. Port of Hull No. 26364

Survey held at Selby Date, First Survey Jan 31st Last Survey April 12th 1913.

On the (State if Single, ~~Twin, or Triple Screw~~) S.S. Trawler "R.R.S." Rig Ketch.

CLASS ✠100 A1. Steam Trawler.

		FEET.
TONNAGE under Tonnage Deck		
Do. between Tonnage Dk. and 3rd and 4th Dk.		
Total under Upper Dk.		
Do. of Poop		
Do. of R.Q.Dk.		
Do. of Bridge House		
Do. of Forecastle		
Do. of Houses on Dk.		
Do. of excess of Hatchways		
Do. above Crown of Engine Room		
Gross Tonnage	159.07	
Less Crew Space		
Less above Crown of Engine Room		
TONNAGE FOR FEES		
Less Engine Room		
Less Navigation Spaces		
Register Tonnage as cut on Beam	72.62	
Breadth (greatest moulded)		21-00
Depth, at middle of length from top of keel to top of upper deck beams at side		11-00
Transverse Number		32-00
Length on deck from fore part of stem to after part of stern post		110-00
Longitudinal Number		3520
Depth "d," at middle of length (See Secs. 2 & 13)		9-75
Proportions—Depths to Length—Upper Deck Beam at side to top of keel		10-0
" " Long Bridge Deck Beam at side to top of keel		✓

Master .....

Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel 191

Built at Selby

When built 1913 Launched 25th March

By whom built Cochran & Sons. Ltd.

Owners R. Sutton.

DISCLASSED SECTION.

Managers (Where necessary to be entered in Reg. Book.) No. 72

Residence 4 Dagmar Terrace. Nelson Road. Est Yarmouth.

Port belonging to Yarmouth.

Destined Voyage Fishing. If Surveyed while Building, and Afloat, ~~or in Dry Dock~~ Yes

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	110	0	BREADTH—Moulded	21	0	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	10	4	No. of Decks with flat laid One
						Do. do. do. do. Second Dk. Beams	✓		No. of Tiers of Beams One

Moulded depth, ft. ✓ ins. ..... To Bridge Dk. Round of Upper Dk. Beam, Actual 4 ins.

Dimensions of Ship per Register, Length 110.1 breadth 21.1 depth 10.25. Moulded depth, ft. 11 ins. 0 To Upper Dk.

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship. 20th	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved. 20th
FRAME, Angles, ~~or E or L Bars~~ amidships	4	3	8	4	3	8
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre amidships		21			21	
" " " " from ¾ length to Collision bulkhead	9 frames aft & forward					20"
" " " In fore peaks		16	On plan			
REVERSED FRAME, Angles	2½	2½	5	2½	2½	5
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
FRAMING, depth of girder		4			4	
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships	15		6	15		6
" in way of Engine and Boiler Spaces	E	7.B	8			7.8
" thickness at the ends of vessel			6			6
" depth at ¾ the half breadth, as per Rule	Straight across					
" height extended at the Bilges		On plan				
FLOORS in Cell. Double Bottoms		✓				
" state if flanged (top & bottom)		✓				
" Spacing of Solid floors		✓				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.		✓				
" " Angles, Top		✓				
" " " Bottom		✓				
" " " to Floors		✓				
" Brackets at intermdt. frmg., wdth & thknss		✓				
SIDE GIRDERS, number on each side & thickness		✓				
" " state if flanged (top and bottom)		✓				
" " Angles (top and bottom)		✓				
" " " to Floors		✓				
MARGIN PLATE, depth (exclusive of flange) and thickness		✓				
" " Angles to Outside Plating		✓				
" " " Floors		✓				
" Brackets at intermdt. frmg., wdth & thknss		✓				
" Height of Outside Brackets above at bilge		✓				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		✓				
" " " in Engine and Boiler space		✓				
" " " Remainder in Holds		✓				
BEAMS, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	5½	3	8	5½	3	8
" In way of Long Bridge		✓				
" Spacing		42	✓		42	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Spacing		✓				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS, In 'tween Deck, size and spacing	✓			
" " Hold " "	2⅜	As arranged		
" Quarter 'tween Dks., " "	✓			
" " in Hold " "	✓			

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship. 20th	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved. 20th
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	✓					
" Rider Plate	✓					
" Flat Plate Keel Angles	✓					
" Horizontal Plates on Floors	✓					
" ~~Angles or~~ Bulb Angles on floors	8	3½	8	8	3½	8
SIDE KEELSONS, Number	✓					
" Angles or Bulb Angles	✓					
" Plate above floors, for ..... length	✓					
" Intercostal Plate, for ..... length	✓					
" Attached to outside Plating with Angle	✓					
BILGE KEELSON, Angles	5	4	8	5	4	8
" Intercostal Plate for ..... length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number		One			One	
" " Angle	5	3	7	5	3	7
" Intercostal Plate, for ..... length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	23		6	23		6
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle (clear of Bridge)	3 × 3		7	3 × 3		7
" " Tie Plate at sides of Hatchways	9		6	9		6
" Deck.* ~~Iron or~~ Steel, for Machinery Space and to after end of No. 2 Hatchway. ing.			7.6			7.6
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thickness	3			3		
Second Deck Stringer Plate, br'dth & thickness	✓					
" Angles on ditto, No.	✓					
" Tie Plates outside Hatchways	✓					
" Deck.* Iron or Steel, for ..... lng.	✓					
" Wood Deck. Material & thickness	✓					
Third Deck Stringer Plate, br'dth & thickness	✓					
" Angles on ditto, No.	✓					
" Tie Plates, outside Hatchways	✓					
" Deck.* Material and thickness	✓					
Fourth and Fifth Deck Stringer Plate, breadth & thickness	✓					
" " " Angles on ditto, No.	✓					
" " " Tie Plates outside Hatchways	✓					
" " Deck. Material & thickness	✓					
Poop Deck Stringer Plate, breadth & thickness	✓					
" Angle on ditto	✓					
" Tie Plates	✓					
" Deck. Material and thickness	✓					
Bridge Deck Stringer Plate, br'dth & thickness	✓					
" Angle on ditto	✓					
" Tie Plates	✓					
" Deck. Material and thickness	✓					
Forecastle Deck Stringer Plate, b'dth & th'kns	✓					
" Angle on ditto	✓					
" Tie Plates	✓					
" Deck. Material and thickness	✓					

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

Form No. 1A.—1m.1.12.T.

THU. JUN. 19. 1913

WEB FRAMES.

	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
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 Face Angles to **Web-Frames**	✓			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓			

FORGINGS ~~or CASTINGS.~~

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness Bulb. Iron	7½ × 1⅛ ✓	7½ × 1⅛
STEM, moulding and thickness	7½ × 1⅛ ✓	7½ × 1⅛
STERN-POST for Rudder do. do. }	5¾ × 2¾ ✓	5¾ × 2¾
,, for Propeller }		
RUDDER—A×D* Table 22. Speed Under 10 Knots	43·04	43·04
,, **Main-Piece,** diameter at head	3½ ✓	3½
,, ,, ,, at heel	3 ✓	2¾

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Stiffeners. Horizontal. Spacing Inches.	Stiffeners. Vertical. Size. Inches.	Stiffeners. Vertical. Spacing Inches.	Single or Double Frames.	Height up, state deck.
W.T. BULKHEADS	3	3	·26 ✓	3 ×	2½	× 5/16	48 30	Single	Dk
,, **COLLISION** ,,			·26	for Bank	4 ×	3 × 7/16	20	Single	Dk
PARTITION ,,	✓		Alum	3 ×	2½ ×	5/16	48 ✓		
LONGITUDINAL ,,	✓						24 ✓		

RUDDER, how constructed Forged iron frame.

,, Thickness of ~~Pintles~~ Single Plate ·76.

Can the Rudder be unshipped afloat? Rudder aft Yes. Bow Rudder No

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, Plating, &c.? Mild Steel.
South Durham, Palmers, Cargo Fleet, Consett.

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

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

Are the Sluice Valves and Watertight Doors in efficient working order? None

PLATING.

STRAKES.	As in Ship. Amidship. Breadth. Inches.	Amidship. Thickness. Inches.	Forward. Thickness. Inches.	Aft. Thickness. Inches.	Per Rule or as Approved. Amidship. Breadth. Inches.	Per Rule or as Approved. Amidship. Thickness. Inches.
Flat Plate Keel (If Bar Keel, state Riveting.)	Bar Keel	20th	20th	20th		
Garboard or A Strake	32	7 ✓	7 ✓	7 ✓	32	7
State actual thickness in way of Double Bottom. B ,,		6 ✓	6 ✓	6 ✓		6
C ,,		7 ✓	6 ✓	6 ✓		7
D ,,		6 ✓	6 ✓	6 ✓		6
Sheer E ,,	34	7 ✓	6 ✓	6 ✓	34	7
F ,,						
G ,,						
H ,,						
J ,,						
K ,,						
L ,,						
M ,,						
N ,,						
O ,,						
P ,,						
Q ,,						
R ,,						
S ,,						
T ,,						
V ,,						
W ,,						
Th'kness of Sh'strke clear of Long Bridge	✓					
Do. of Strake below	✓					
Dblg. of Flat Plate Keel	✓					
,, Sheerstrakes *Length and thickness.*	✓					
Poop Sides	✓					
Short Bridge Sides	✓					
Forecastle Sides	✓					

*Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

RIVETING.

Lower Edges, Ordinary or Joggled? Ordinary ✓

Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.
		1	5
Double	4½	¾	3
,,	,,	,,	,,
,,	,,	,,	,,
,,	,,	,,	,,
,,	,,	,,	,,

Butts. Double or Treble and for what Length.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Straps. Breadth. Inches.	Straps. Thickness. Inches. 20th.	If Lapped. Breadth. Inches.	If Lapped. For what Length. Feet.
Treble L	¾	2⅝	9¾	8		
,, ,, ,,	,,	,,			5	Full
,, ,, ,,	,,	,,			,,	,,
,, ,, ,,	,,	,,			,,	,,
,, ,, ,,	,,	,,	9¾	8		

*Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate — **Butts,** Double riveted for full length ~~amidship.~~
Straps, ~~single, double or~~ overlapped for full length ~~amidship.~~

Second Deck Stringer Plate — **Butts,** ✓ riveted for ✓ length amidship.
Straps, single or overlapped for ✓ length amidship.

Butts of Side Stringers Double riveted.
,, **Tie Plates** Double riveted.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted **Keelson Butts,** Double riveted.
Frames, riveted through Plates with ¾ in. Rivets, about 5 apart.
Rivets, state whether Iron or Steel Iron.

FRAMES extend in one length from Keel to deck State if ordinary or joggled Ordinary.
REVERSED FRAMES on floors and frames extend ~~from~~ across top of floors. (Single angle frames.) 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.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts. Fore											
Main	Solid	fitted	at	Lowestoft							
Mizen											
Bowsprit ✓											

Topmasts, Yards and Remainder of **Spars**
Rigging, Material and Size, **Shrouds** **Stays**
Sails. Suit of Sails, and the following spare sails

EQUIPMENT No. ✓ LETTER ✓ ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 3520.

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 31. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
13721	1st Bower	4	3	0	1	0	20	7	2	2	0	4	3	0 ✓	Rodgers	Hendrick & Mole	L.R.H.C.H. 31-3-13, Paul
13722	2nd ,,	4	2	0	1	0	18	6	17	2	0	4	1	0 ✓	,,	,, ,,	,, ,, 31-3-13 ,,
13723	3rd ,,	2	2	0	—	2	14	5	0	0	0	2	2	0 ✓	,,	,, ,,	,, ,, 31-3-13 ,,
	4th ,,																
	Collective weight																
	Stream	✓															
	Kedge	✓															

If Patent state Name of Patentee. *If Stockless, state Mechanical Tests.*

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
12658	90 ✓	15/16 ✓	15 3/10	23 7/10 ✓	42-0-18	40-2-21	90	15/16 ✓	Stud	Hendrick & Mole	L.R.H.C.H. 31-3-13
Iron Stream Chain or Steel Wire	✓		Cir.					Cir.	Link	S.C. Paul. Sup.	

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins.
Towline	60	7		60	5½
Hawsers & Warps	60	4		60	4
,, ,,					
,, ,,					

Boats One. **Steering Gear, Steam** ✓ **Steering Gear, Hand** Cochran's.
Pumps, Number Three Diameter of Barrel 4" State whether they are in efficient working order ?
Windlass is ✓ **Capstan** To be fitted at Lowestoft.
Engine Room Skylights.—How constructed? of Steel. What arrangements for deadlights in bad weather? Steel flaps & bullseyes.
Coal Bunker Openings.—How constructed? Cast iron wings How are lids secured? Screwed Height above deck? Flush.
Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side, 4 Scuppers, 4 Freeing Ports 18 × 9".
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) 3-4" × 3-4 **No. 2 Hatch** 14-0" × 8-6" **No. 3 Hatch** 12-0" × 8-6 **No. 4 Hatch** ✓
Number of **Web Plates, Shifting Beams** and **Fore** and **Afters** to each Hatch
No. of Breasthooks Four ,, **No. of Crutches** 1 and dup floors
Bulwarks, height above deck and description 2'-0" × 5/20 Main Rail, material and size 5 × 2½ × 5/20 Steel B.R.

The foregoing is a correct description. COCHRANE & SONS LTD.
Builder's Signature (here only) Cochrane & Sons Ltd. *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 in any correspondence connected with the case*) (m) 13-11-12
4-12-12. (g.) 1-1-13.

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. 26, par. 20)? Trawler State results of tests ✓
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? 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 Deck, Pumping Arrangements, Bow Rudder, and a Report on Ships Forgings.

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

The amount of Entry Fee ..... £ 1 : : : Fees applied for, 19 13
Special Survey Fee ..... £ 7 : : : Received by me, 19 13 24/6/13
Travelling Expenses, if any £ 1 : 2 : 10
Certificate to be sent to Hull Date of Issue 4/7/13
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.

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

Committee's Minute TUE. JUN. 24. 1913
Character assigned 100 A1
Stm Trawler
+ LR 6.6.13
Lloyds Reg 6.7.13

0019 2/2

GENERAL REMARKS—*(continued).*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ (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*) 1 Dk.

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

How are the surfaces preserved from oxidation? Inside Wails Dows Bitumastic Enamel & 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,	✓	13-3	25
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.

State whether the above have been tested as required by the Rules Yes.

Order for Special Survey No. 1988

Date 22/11/12

No. 563 in builder's yard.

Dates of Surveys held while building: 1913.-Jan 31. Feb 4. 7. 9. 12. 17. 20. 25. 28. Mar. 7. 12. 17. 18 27. April 1. 3. Apr 12.

Total No. of Visits 18-

Surveyor's Signature Allison B. Wilson.