

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office. THU. AUG. - 6. 1914

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

Date of completion of report *Aug 1<sup>st</sup> 1914* Port of *Hull*  
Survey held at *Albion Hall* Date, First Survey *Feb. 25/14* Last Survey *July 17<sup>th</sup> 1914*  
On the (State if Single, Twin, or Triple Screw) *S. S. TRAWLER "THOMAS STRATTEN"* Rig *Reel*

TONNAGE under 270.97

Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk.

Do. of Poop *16.89*

Do. of R.Q. Dk. *1.05*

Do. of Bridge House *7.67*

Do. of Forecastle *12.45*

Do. of Houses on Dk. *309.03*

Do. of excess of Hatchways *21.17*

Do. above Crown of Engine Room *12.45*

Gross Tonnage *275.41*

Crew Space *153.51*

Navigation Spaces *8.76*

Net Tonnage *125.59*

CLASS *100A1*

Breadth (greatest moulded) *23.62*

Depth, at middle of length from top of keel to top of upper deck beams at side *13.0*

Transverse Number *36.6*

Length on deck from fore part of stem to after part of stern post *136.6*

Longitudinal Number *5004*

Depth "d," at middle of length (See Secs. 2 & 13) *11.6*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *10.51*

Long Bridge Deck Beam at side to top of keel

Destined Voyage *Fishing*

Master

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

Built at *Albion*

When built *1914* Launched *11<sup>th</sup> May 1914*

By whom built *Cochran & Sons Ltd.*

Owners *Pickering & Haldane's Steam Trawling Co. Ltd.*

Managers

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

Residence *Hull*

Port belonging to *Hull*

And *Surveyed while Building Afloat, or in Dry Dock*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL	Feet.	Inches.	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
136	8	23	7 3/8	12	3	12	3	12	3	12	3	One	One
Moulded depth, ft. ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 7 ins.													

Dimensions of Ship per Register, Length *136.9* breadth *23.75* depth *12.35*

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, or Bars amidships	4	3	40	4	3	40	PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	4	3	40	4	3	40	" " Hold				25/8 " as arranged.
Do. in way of Double Bottoms at Solid Floors							" Quarter 'tween Dks.,				
" at intermdt. Bkts.	20			20			" in Hold				
Spacing of Frames from centre to centre amidships							KEELSONS & STRINGERS.				
" length to Collision bulkhead in peaks							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7 1/2	4	3	7 1/2
EVERSED FRAME, Angles	2 1/2	2 1/2	28	2 1/2	2 1/2	25	" Rider Plate				
Do. in way of Double Bottoms at Solid Floors							" Flat Plate Keel Angles				
" at intermdt. Bkts.							" Horizontal Plates on Floors	5	3	4	5
FRAMING, depth of girder							" Angles or Bulb Angles				
LOORS, depth and thickness of Floor Plate at mid-line for 2 length amidships	16	37		16	37		SIDE KEELSONS, Number				
" in way of Engine and Boiler Spaces	508	62		508	62		" Angles or Bulb Angles				
" thickness at the ends of vessel							" Plate above floors, for length				
" depth at 3/4 the half breadth, as per Rule							" Intercoastal Plate, for length				
" height extended at the Bilges							" Attached to outside Plating with Angle	5	4	50	5
FLOORS in Cell, Double Bottoms							BILGE KEELSON, Angles				
" state if flanged (top & bottom)							" Intercoastal Plate for length				
" Spacing of Solid floors							" Attached to outside Plating with Angle				
CENTRE GIRDER, in Dbl. bottom, depth & thickness							SIDE STRINGERS, Number				
" Angles, Top							" Angle	5	4	50	5
" Bottom							" Intercoastal Plate, for length				
" to Floors							" Attached to outside plating with Angle				
Brackets at intermdt. frmg., width & thknss							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	31	50	31
SIDE GIRDERS, number on each side & thickness							" " " " br'dth & thickness (in way of Bridge)	3 x 3	37	3 x 3	37
" state if flanged (top and bottom)							" " " " Angle (clear of Bridge)	8	37	8	37
" Angles (top and bottom)							" Tie Plate at sides of Hatchways				
" to Floors							Deck * Iron or Steel, for lng.				
MARGIN PLATE, depth (exclusive of flange) and thickness							" Thickness (clear of Bridge)				
" Angle to Outside Plating							" (in way of Bridge)				
" Floors							Wood Deck. Material & thickness	5 x 3		5 x 3	
Brackets at intermdt. frmg., width & thknss							Second Deck Stringer Plate, br'dth & thickness				
Height of Outside Brackets above at bilge							" Angles on ditto, No.				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Tie Plates outside Hatchways				
" in Engine and Boiler space							Deck * Iron or Steel, for lng.				
" Remainder in Holds							Wood Deck. Material & thickness				
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	50	Third Deck Stringer Plate, br'dth & thickness				
" In way of Long Bridge							" Angles on ditto, No.				
" Spacing	40		40				" Tie Plates outside Hatchways				
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							Deck * Material and thickness				
" Spacing							Fourth and Fifth Deck Stringer Plate, breadth & thickness				
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							" Angles on ditto, No.				
" Angles on upper edge							" Tie Plates outside Hatchways				
" Spacing							Deck. Material & thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Poop Deck Stringer Plate, breadth & thickness				
" Angles on upper edge							" Angle on ditto				
" Spacing							" Tie Plates				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Deck. Material and thickness				
" Angles on upper edge							Bridge Deck Stringer Plate, br'dth & thickness				
" Spacing							" Angle on ditto				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	30	4	3	30	" Tie Plates				
" Angles on upper edge							Deck. Material and thickness				
" Spacing	40		40				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.

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



WEB FRAMES.				FORGINGS or CASTINGS.				Inches in Ship.				Inches per Rule.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness				7 1/2 x 1 1/8				7 1/2 x 1 1/8			
" " " " breadth & thickness				STEM, moulding and thickness				7 1/2 x 1 1/8				7 1/2 x 1 1/8			
" " " " No. of Side Stringers				STERN-POST for Rudder do. do.				6 x 3 1/4				5 3/4 x 3 1/4			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " " " for Propeller				6 x 3 1/4				6 x 3 1/4			
" " " " breadth & thickness				RUDDER-A x D Table 22. Speed				1 1/2 knots				63.8			
" " " " No. of Side Stringers				" Main-Piece, diameter at head				4 1/2				4 1/4			
" " " " Size of Face Angles to Web-Frames				" " " " at heel				3 3/4 x 3				2 3/4 x 2 1/2			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				RUDDER, how constructed				Tapered frame - double plate							
BULKHEADS.				STIFFENERS.				Thickness of Plates or Single Plate				26			
W.T. BULKHEADS 4				Can the Rudder be unshipped afloat?				Yes							
See below as to Aug 8/14				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.?				Linnam Martin open hearth.							
" COLLISION " PARTITION " LONGITUDINAL "				Cuth Durham & Co., Connell & Co.											
Are the outside Plates doubled two spaces of Frames in length?				Yes				Has the Steel been tested as required by the Rules?				Yes			
Are the Hatch Valves and Watertight Doors in efficient working order?				Yes											
PLATING.				RIVETING.											
STRAKES.				AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES.			
FLAT PLATE KEEL (1) Bar Keel, state Riveting.				GABBOARD OF A Strake				32				43			
State actual thickness in way of Double Bottom.				37				37				37			
B "				37				37				37			
C "				37				37				37			
D "				37				37				37			
E "				43				37				43			
F "				37				37				37			
G "				36				62				62			
H "															
J "															
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W "															
THICKNESS OF SHEET PILE				CLEAR OF LONG BRIDGE				DO. OF STRAKE BELOW				DELG. of Flat Plate Keel			
" Sheerstrakes				Length and thickness.				POOP SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES															
Upper Deck (Butts, riveted for full length amidship.				Butts of Side Stringers				riveted.							
Stringer Plate (Straps, single, double or overlapped for full length amidship.				" Tie Plates				riveted.							
Second Deck (Butts, riveted for full length amidship.				Inner Bottom Plating, riveting of Edges				Butts							
Stringer Plate (Straps, single or overlapped for full length amidship.				Centre Girder Butts, riveted				Keelson Butts, riveted.							
Frames, riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart.				Rivets, state whether Iron or Steel											
FRAMES extend in one length from Keel to Gunwale.				State if ordinary or joggled ordinary											
REVERSED FRAMES on floors and frames extend from Keel to Gunwale.				State if ordinary or joggled ordinary											
MASTS, SPARS, &c.															
LOWER MASTS.				Fore				Main				Mizen			
Bowsprit															
Topmasts, Yards and Remainder of Spars				Rigging, Material and Size, Shrouds				Stays				Gale. Steel wire.			
Sails. Good				Suit of one - 7m x 4 1/2				Sails, and the following spare sails							

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 5004			
Number of Certificate				Weight, Ex. Stock				Test, Per Certificate				Weight Required by Table 31.			
71320. 1st Bower				7 3 3				10 0 1 7				7 2 0			
71319. 2nd				7 0 10				14 7 0 21				7 0 0			
71321. 3rd				3 0 3				15 12 0 21				3 0 0			
4th															
Collective weight				17 3 16								17 2 0			
Stream															
Kedge															
CHAIN CABLES.				HAWERS AND WARPS.											
Number of Certificate				Length and size supplied				Test per Certificate				Weight of Cable			
56080. 60				1 1/2				22 1/4				34 1/2			
56079. 60				1 1/2				22 1/4				34 1/2			
Iron Stream Chain or Steel Wire															
Boats				Steering Gear, Steam				Steering Gear, Hand				tiller			
Pumps, Number				Diameter of Barrel				2 1/4 x 2 1/4				State whether they are in efficient working order			
Windlass is				Crimmel & Brown (hand)				Capstan							
Engine Room Skylights.				How constructed?				Steel				What arrangements for deadlights in bad weather?			
Coal Bunker Openings.				How constructed?				C. I. discs				How are lids secured?			
Number of Scuppers, and numbers and dimensions of				Freeing Ports, &c.				6 1/2 x 9 1/2				3 @ 18 x 9 1/2			
Ceiling in Holds, thickness and material				2" of Pine				Cargo Batts, thickness and material							
Cargo Hatchways.				How formed?				Scantles				Hatches, If strong and efficient?			
State size No. 1 Hatch (Forward)				No. 2 Hatch				No. 3 Hatch				No. 4 Hatch			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch															
Bulwarks, height above deck and description				48" x 37 1/2 x 31				Main Rail, material and size				5 1/2 x 3 x 40			
The foregoing is a correct description.				COCHRANE & SONS, LTD.				Surveyor's Signature				P. C. Cochrane			
Builder's Signature (here only)				J. H. Cochrane				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 13/2/14				E 25/2/14											
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?				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)?				Drawn				State results of tests				✓			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?				Drawn				State results of tests				✓			
General Remarks (State quality of workmanship, &c.)				This vessel has been constructed in accordance with the approved plans herewith enclosed, the Secretary's letter, and generally in conformity with the Society's Rules and the materials & workmanship throughout.											
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Plans to be forwarded with F.E. Report showing vessel as built.											
The amount of Entry Fee				£ 2 : 0 : 0				Fees applied for, 5/5/1914							
Special Survey Fee				£ 13 : 15 : 0				Received by me, 7/8/14							
Travelling Expenses, if any				£ 17 : 3											
State whether the Vessel has been built under Special Survey				Yes											
I am of opinion this Vessel should be Classed				100A-1 Steam Trawler											
With, or without Freeboard, as condition of Class				without											
Committee's Minute				TUE. AUG. 11. 1914											
Character assigned				100 A-1 Steam Trawler											
				Lloyd's A & B P. + hmc 7/14											



