

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office SAT 18 AUG 1917

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

Date of completion of report 17-8-17  
Survey held at Selby & Hull

Port of Hull

No. 30104

Date, First Survey Feb 8

Last Survey Aug 15

1917

On the (State if Single, Twin, or Triple Screw)

Single Screw Trawler "Thomas Atkinson"

Rig Ketch

TONNAGE under 287.70

Tonnage Deck...

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.O. Dk. 17.03

Do. of Bridge House 5.72

Do. of Forecastle SIDE HOUSES 9.9

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room 12.72

Gross Tonnage 324.16

Less Crew Space 23.20

Less above Crown of Engine Room 12.72

TONNAGE FOR FEES 288.24

Less Engine Room 160.73

Less Navigation Spaces 8.72

Net Tonnage 131.51

CLASS + 100 A1

FEET.

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 1917

Launched 8-5-17

By whom built Cochrane & Sons Ltd

Owners British Admiralty

Managers

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

Residence

Port belonging to

Breadth (greatest moulded) 23.62

Depth, at middle of length from top of keel to top of upper deck beams at side 13.50

Transverse Number 37.12

Length on deck from fore part of stem to after part of stern post 138.33

Longitudinal Number 5134.8

Depth "d," at middle of length (See Secs. 2 & 13) 12.16

Proportions—Depth to Length—Upper Deck Beam at side to top of keel 10.24

" " Long Bridge Deck Beam at side to top of keel

Destined Voyage Admiralty Service If Surveyed while Building Afloat, or in Dry Dock yes

FEET.	INCHES.	BREADTH—	FEET.	INCHES.	DEPTH, ACTUAL—	FEET.	INCHES.	No. of Decks with flat laid
138	4	Moulded	23	4 1/2	Do.	12	10	one

Moulded depth, ft.	ins.	To Bridge Dk.	Round of Upper	ins.
Moulded depth, ft.	18	ins.	6	To Upper Dk.

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
ME, Angles, or Bars amidships	4 1/2	3	40 4 1/2	3	40	25/8 & 3"	
in peaks	4 1/2	3	40 4 1/2	3	40		
in way of Double Bottoms at Solid Floors							
" " at intermdt. Bkts.						as arranged	
ing of Frames from centre to centre amidships	19	70	21	19	70		
" " from 1/2 length to Collision bulkhead							
" " in peaks						as arranged	
VERSE FRAME, Angles	2 1/2	2 1/2	25 2 1/2	2 1/2	25		
in way of Double Bottoms at Solid Floors							
" " at intermdt. Bkts.						as arranged	
ING, depth of girder							
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16		37 16	37		as arranged	
in way of Engine and Boiler Spaces	E 50.8	43	E 50.8	43			
thickness at the ends of vessel		31		31			
depth at 1/2 the half breadth, as per Rule						as arranged	
height extended at the Bilges							
ORS in Cell. Double Bottoms						as arranged	
state if flanged (top & bottom)							
Spacing of Solid floors						as arranged	
TRE GIRDER, in Dbl. bottom, dpth. & thcknss.							
" " Angles, Top						as arranged	
" " Bottom							
" " to Floors						as arranged	
Brackets at intermdt. frmg., wdth & thcknss							
E GIRDERS, number on each side & thickness						as arranged	
state if flanged (top and bottom)							
Angles (top and bottom)						as arranged	
" " to Floors							
RGIN PLATE, depth (exclusive of flange) and thickness						as arranged	
Angle to Outside Plating							
" " Floors						as arranged	
Brackets at intermdt. frmg., wdth & thcknss							
Height of Outside Brackets above at bilge						as arranged	
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
" " in Engine and Boiler space						as arranged	
" " Remainder in Holds							
AMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	50	
In way of Long Bridge							
Spacing							
AMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Spacing							
AMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
AMS, 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	4	3	30	4	3	30	
Angles on upper edge							
Spacing							

PILLARS, In 'tween Deck, size and spacing

" " Hold

" " Quarter 'tween Dks.,

" " in Hold

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

" " Rider Plate

" " Flat Plate Keel Angles

" " Horizontal Plates on Floors

" " Angles or Bulb Angles

SIDE KEELSONS, Number

" " Angles or Bulb Angles

" " Plate above floors, for length

" " Intercoastal Plate, for length

" " Attached to outside Plating with Angle

BILGE KEELSON, Angles

" " Intercoastal Plate for length

" " Attached to outside Plating with Angle

SIDE STRINGERS, Number

" " Angle

" " Intercoastal Plate, for length

" " Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness

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WEB FRAMES.				Inches in Ship.				Inches in Ship.				Inches per Rule, Or as Approved.								
<b>WEB-FRAMES, In Fore Body,</b> No. and spacing								<b>FORGINGS or CASTINGS.</b>				Inches in Ship.	Inches per Rule, Or as Approved.							
" "	brdth. & thickness							<b>KEEL,</b> Bar, depth and thickness	<i>BULB</i>	<i>7 1/2 x 1 5/8</i>	<i>7 1/2 x 1 5/8</i>									
" "	No. of Side Stringers							<b>STEM,</b> moulding and thickness	<i>DO</i>	<i>7 1/2 x 1 5/8</i>	<i>7 1/2 x 1 5/8</i>									
<b>WEB-FRAMES, In E. &amp; B. Space,</b> No. and spacing								<b>STERN-POST</b> for Rudder do. do.		<i>6 x 3 1/4</i>	<i>6 x 3 1/4</i>									
" "	brdth. & thickness							" for Propeller		<i>6 x 3 1/4</i>	<i>6 x 3 1/4</i>									
<b>WEB-FRAMES, In After Body,</b> No. and spacing								<b>RUDDER—A×D*</b> Table 22. Speed	<i>UNDER 10 KNOTS</i>	<i>63·8</i>	<i>63·8</i>									
" "	brdth. & thickness							" Main-Piece, diameter at head		<i>4 1/2</i>	<i>4 1/2</i>									
" "	No. of Side Stringers							" " at heel		<i>3 1/2 x 3</i>	<i>3 1/2 x 3</i>									
Size of Face Angles to Web-Frames.....																				
<b>BRACKET PLATES to Stringers between Web Frames,</b> depth and thickness.....																				
<b>BULKHEADS.</b>				Number.	Thickness.	<b>STIFFENERS.</b>		Single or Double Frames.	Height up, state deck.											
		Vessel.	Per Rule.	Inches.	Horizontal.	Vertical.	Size.	Spacing.												
				Inches.	Inches.	Inches.	Inches.	Inches.												
<b>W.T.BULKHEADS</b>				<i>4</i>	<i>3</i>															
<i>FRAME 79</i>				<i>NO 1</i>	<i>28-26</i>			<i>4 1/2 x 4</i>	<i>24 SINGLE DECK</i>											
<i>" 46</i>				<i>3</i>	<i>28-26</i>			<i>5 1/2 x 3 1/2</i>	<i>30</i>											
<i>" 55</i>				<i>4</i>	<i>28</i>			<i>4 1/2 x 4</i>	<i>24 W.T. PLAT</i>											
<i>{ 13</i>				<i>26</i>				<i>3 1/2 x 3 1/2</i>	<i>30 DECK</i>											
<b>" COLLISION Y/ PARTITION "</b>				<i>2</i>	<i>28-26</i>			<i>6 1/2 x 4 1/2</i>	<i>24</i>											
<b>LONGITUDINAL..</b>																				
Are the outside Plates doubled two spaces of Frames in length?														<i>approved Cincro 15</i>						
Are the Stiffeners used Watertight Doors in efficient working order?														<i>yes</i>						
<b>RUDDER,</b> how constructed														<i>Forged</i>						
Thickness of Plates or Single Plate														<i>26 ✓</i>						
Can the Rudder be unshipped afloat?														<i>yes</i>						
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. ?														<i>South Durham Steel &amp; Iron Coy. Ltd. Bonsett Iron Co. Ltd.</i>						
Has the Steel been tested as required by the Rules?														<i>yes</i>						
<b>PLATING.</b>														<b>RIVETING.</b>						
<b>AS IN SHIP.</b>				<b>PER RULE OR AS APPROVED.</b>				<b>UPPER EDGES Ordinary or Joggled.</b>				<b>BUTTS.</b>								
<b>AMIDSHIP.</b>		<b>FORWARD.</b>		<b>AFT.</b>		<b>AMIDSHIP.</b>		<b>Single or Double.</b>		<b>Breadth of Lap.</b>		<b>RIVETS.</b>		<b>Diam.</b>		<b>Spacing or to cr.</b>		<b>IF LAPPED.</b>		
Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
<b>FLAT PLATE KEEL.....</b>																				
<i>(If Bar Keel, state Riveting.)</i>																				
<b>GARBOARD OF A STRAKE</b>				<i>32</i>	<i>43</i>	<i>37</i>	<i>37</i>	<i>32</i>	<i>43</i>	<i>DR</i>	<i>4 1/2</i>	<i>3/4</i>	<i>3/8</i>	<i>DR FULL</i>	<i>3/4</i>	<i>2 1/8</i>	<i>9 3/4</i>	<i>5 1/4</i>	<i>FULL</i>	
State actual thickness in way of Double Bottom.																				
<b>B</b>				<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>													
<b>C</b>				<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>													
<b>D</b>				<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>													
<b>E</b>				<i>43</i>	<i>37</i>	<i>37</i>	<i>43</i>													
<b>F</b>				<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>													
<b>SHEER G</b>				<i>36</i>	<i>62</i>	<i>50</i>	<i>50</i>	<i>36</i>	<i>62</i>											

EQUIPMENT No. 5125				LETTER "O"				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 5134-8.						
Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		CWTS.	QRS.	LBS.	CWTS.	QRS.	LBS.	Tons.	cwts.	qrs.	Lbs.	Cwts.	qrs.				Lbs.	
25388	1st Bower	9	-	24				11	6	3	14	8	-	-	stockless	R. Sykes & Son, Bradley Heath, Hants, 11-5-17. L.C. Paul.		
44248	2nd "	7	1	21				9	13	3	-	4	1	-	do	G. Wright & Co., Wetherston, S.E.-17. H. Green.		
48028	3rd "	3	1	4				3	21	5	14	1	14	3	1	non stock	John Green, Epton, 4-5-17. C.E. Perkins.	
	4th "																	
	Collective weight.	19	3	24														
	Stream .....																	
	Kedge.....																	

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	Cast 5 - 0 - 21. Geo. W. Penn. 2632. 7-4-17.
2nd "	Forged.
3rd "	Forged.
4th "	

### CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	HAWSERS AND WARPS.				
			Supplied.	Per Rule.						Length.	Size.			
Fathoms.	Inches.	Status.	Cwts.	Qrs.	Lbs.	Fathoms.	Inches.			Fathoms.	Inches.			
22849	120 1 1/8	22 3/4	34 3/8	81	1-14	77-2-21	120 1/8	STUD LINK	✓	Bradley Heath 6-4-17. L.C. Paul.	TOWLINE HAWSERS & WARPS	60 6 60 6	WINILLA " "	60 6 60 6

Boats *ONE*

Pumps, Number *FOUR TWO 4" & TWO 6"* Diameter of Barrel *4 1/2 x 5* State whether they are in efficient working order *yes*

Windlass *Steam by Gemmell & Yow also hand windlass Capstan on forecassle deck*

Engine Room Skylights.—How constructed? *Steel plates & angles* What arrangements for deadlights in bad weather? *steel flops & bulbo eyes*

Coal Bunker Openings.—How constructed? *Cast iron discs* How are lids secured? *locked* Height above deck? *flush*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *Scuppers 6. Freeing Ports 4. Three 18x9 & one 24x12*

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

Cargo Hatchways.—How formed? *Scuttles steel plates & angles* Hatches, If strong and efficient? *yes*

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 *✓*

No. of Breasthooks *3* No. of Crutches *deep floors*

Bulwarks, height above deck and description *4'-0" steel 34"-31 thick* Main Rail, material and size *7x3x40 BR. & 3x 1/4" lead*

The foregoing is a correct description of the vessel as built by *COCHRANE & SONS, LTD.* Surveyor's Signature *W.H. Roberts*

Builder's Signature (here only) *J.M. Cochran.* Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case. Reference should be made in any correspondence connected with the case)  
*M 24-11-16. 29-11-16. E 30-11-16. M 29-12-16. E 16-1-17*

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*

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)? *✓* State results of tests *Trawler*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *✓* State results of tests *Trawler*.

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

*This vessel has been constructed in accordance with the approved plans and Secretary's Letters and generally in conformity with the Society's Rules.*

*The materials and workmanship throughout are good.*

*Sister Vessel Andrew King Hull Rkt No 30094.*

*Approved plans at London Office*

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 : - : - Fees applied for, *17-8-1917 W.H.R.*

Special Survey Fee .... £ 28 : 16 : - Received by me, *20/11/17 W.H.R.*

Travelling Expenses, if any £ : 13 : 3

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

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

With, or without Freeboard, as condition of Class *without freeboard*

Committee's Minute

Character assigned

*TUE. 21 AUG. 1917*

*100A1*

*Stn Trawler*

*Lloyds & G.P.O.*

*+ 2mb 8.17*

*W.H. Roberts*

Surveyor to Lloyd's Register of Shipping.

Date of issue *4/9/17*

Certificate to be sent to *Hull*

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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 77.66 ft., Bridge ☒ ft., Forecastle 19.39  
(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) 104

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft yes  
How are the surfaces preserved from oxidation? Inside Cement & paint (Bunkers Bitumastic) 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 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

Order for Special Survey No. ☒

Date

No. 806 in builder's yard.

DATES of Surveys held while building

Feb 8, 15, 23, 28. Mar 9, 14, 23, 28. Apr 5, 13, 17, 24. May 2, 9, 18, 24. June 1, 4, 25, July 7, 17. Aug 4, 15.

Total No. of Visits 23

Surveyor's Signature

W. H. Roberts & P. Fitzgerald

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