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

~~IRON OR~~ STEEL STEAMER.

No. 21573.

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

Received at London Office, SAT. 21 AUG 1909

Date of completion of Report 16th August 1909. *Port of* Hull

Date, First Survey Apr 20th *Last Survey* Aug 11th 1909.

Survey held at Selby.

On the Steam Trawler "WASHINGTON." *Rig* Ketch.

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1. Steam Trawler.

		FEET.
TONNAGE under Tonnage Deck	189.43	
Do. of Poop		
Do. of Raised Qr. Dk. or Break	10.03	
Do. of Bridge House		
Do. of Forecastle	5.32	
Do. of Houses on Deck	3.48	
Do. of excess of Hatchways		
Do. above Crown of Engine Room		
Gross Tonnage	208.86	
Less Crew Space		
Less above Crown of Engine Room		
TONNAGE FOR FEES	208.86	
Less Engine Room	103.01	
Less Navigation Spaces	3.00	
Register Tonnage *as cut on Beam*	102.85	
Half Breadth *(moulded)*		10.40
Depth *from upper part of Keel to top of Main Deck Bms.* (with the normal round up of beam)		12.71
Girth *of Half Midship Frame (as per Rule)*		18.84
1st Number		42.25
Length *on deck from after part of stem to fore part of stern post*		115.84
2nd Number		4864
Proportions—*Breadths to Length*		5.4
Depths to Length—Main Deck to top of Keel		9-1

Master M. Cullum.

Year of appointment (1) *As master in service of owner of present vessel:*—19 (2) *As master of this vessel* 1909

Built at Selby

When built 1909 *Launched* 19th June.

By whom built Cochrane & Sons.

Owners The Premier Steam Fishing Co. Ltd.

Managers

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

Residence Grimsby.

Port belonging to Grimsby.

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	115	10½	**BREADTH**—Moulded	21	4¾	**DEPTH, ACTUAL**—Top of Floors to top of Main Deck Beams	11	5	No. of Decks with Flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length, 117.0 breadth, 21.6 depth, 11.52. Moulded Depth, 12 ft. 3 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 Appro	16ths ~~or 20ths~~ per Rule ved.
FRAME, Angles, ~~L, T or L Bars~~, for ⅜ length amidships	4	3	8/20	4	3	8/20
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	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		Nil				
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~~ Bulb Plates depth and thickness	7½ x 1⅛	7½ x 1⅛
STEM, moulding and thickness.. Bulb Plate	7½ x 1⅛	7½ x 1⅛
STERN-POST for Rudder do. do.	6 x 2½	6 x 2½
" for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4¼	4¼
do. at heel	3½ x 3	3½ x 3

RUDDER, how constructed Forged iron frame. 2 plates.

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 (Bulb)	5	4	8/20	5	4	8/20
" 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 (Bulb)	5	4	8/20	5	4	8/20
" Bulb or Intercostal 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 Machinery Space lng.			5			5
" Wood Deck, Material & thickness P. 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			5			5
" Angle on ditto	3 x 3		6	3 x 3		6
" Tie Plates (In centre.)	60		7	60		7
" Deck, Material and thickness P. 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" 20	48 30	D'ble	Dk
PARTITION "	✓								
LONGITUDINAL "	✓								

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

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

Rpt. 1A. 1m,4,7.

009557-009564-01181/2

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21573

PLATING. / RIVETING.

Edges: Ordinary or Joggled? Lower: Ordinary

STRAKES.	As in ship: Amidship Breadth (Inches)	Amidship Thickness (16ths)	Forward Thickness (16ths)	Aft Thickness (16ths)	Per Rule: Amidship Breadth (Inches)	Amidship Thickness (16ths)	Edges: Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Butts: Double or Treble and for what Length	Butts Rivets Diam. (Inches)	Butts 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 (If Bar Keel, state Riveting)	Bar	Keel							1	5							
Garboard or A Strake	32	7	6	6	32	7					D full L	3/4	2 5/8	9 3/4	8		
B " (State actual thickness in way of Double Bottom)		6	6	6		6	Double	4 1/2	3/4	3 1/3	" " "	"	"			5	full
C "		6	6	6		6	"	"	"	"	" " "	"	"			"	"
D "		7	6	6		7	"	"	"	"	" " "	"	"			"	"
E "		6	6	6		6	"	"	"	"	" " "	"	"			"	"
Sheer F "	33	8	7	7	33	8	"	"	"	"	" " "	"	"	9 3/4	9		
G "																	
H "																	
J "																	
K "																	
L "																	
M "																	
N "																	
O "																	
P "																	
Doubling of Flat Plate Keel	✓																
Length and thickness of Bilges	✓																
of Sheerstrakes	✓																
of Strake below	✓																
Poop Sides	✓																
Raised Quarter Dk. Sides		8		7													
Bridge Sides	✓																
Forecastle Sides			5														
Lengths of Plating	Seven frame spaces.																

Write 'Sheer Strake' opposite its corresponding letter.

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.
Frodingham, South Durham, Consett.

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. (Single 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 - 6	13								
Main											
Mizen	Steel	33 - 0	12								

Bowsprit ✓
Topmasts, ~~Yards~~ and Remainder of **Spars** Pitch pine
Rigging, Material and Size, **Shrouds** Galvd wire. **Stays** Galvd wire.
Sails. One Suit of Sails and the following spare sails ✓

Equipment No. ✓ **Letter** ✓ ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 4864.

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.	Makers. (If Patent state Name of Patentee)	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
2153	1st Bower	7	3	0	Stockless			9	18	0	14	6	1	0	Wm Grippin	Triton	L.P.H.-C.H. 27.6.09. Dudley
2154	2nd "	4	3	8	1	0	22	7	5	0	0	4	2	0	Rodgers	Wm Grippin	" " 24.6.09. "
5513	3rd "	2	2	8	0	2	16	5	2	2	0	2	2	0	"	"	" " 28.5.09. Young
	Collective weight	15	0	16								13	1	0			
	Stream	✓															
	Kedge	✓															

CHAIN CABLES.

Number of Certificate.	Length supplied (Fathoms)	Diam. (Ins.)	Test Statutory (Tons)	Breaking (Tons)	Weight Supplied (Cwts. qrs. lbs.)	Per Table 22 (Cwts. qrs. lbs.)	Length per Table 22 (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested and Superintendent.
36436	90	1	18	27	47.2.15	45.3.17	90	1	Stud Link	Wm Grippin	L.P.H.-T. 26.6.09. C.S. Perrins
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.			

HAWSERS AND WARPS.

Material.	Length supplied (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline (Tons)	Length per Table 22 (Fathoms)	Cir. (Ins.)
Towline	✓	✓		✓	✓
Hawsers & Warps Manilla	60	5 1/2		60	5 1/2
" "	60	4		60	4
" "					

Boats One
Pumps, Number Four Diameter of Barrel 6" - 4" State whether they are in efficient working order Yes.
Windlass is Ly. Cochrane & Sons. **Capstan** ✓
Engine Room Skylights.—How constructed? Of 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.** On each side, 8 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. 2 1/2"
State size **No. 1 Hatch** (Forward) 6' × 3' **No. 2 Hatch** 3' × 3' **No. 3 Hatch** 3' × 3' **No. 4 Hatch** 3' × 3'
Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch ✓
No. of Breasthooks Four **No. of Crutches** 1 and Deep floors.
Bulwarks, height above deck and description 3' - 6" × 6.5/16" Main Rail and Stays, material and size 6 1/2" × 3" × 8/20" 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.) 5-4-09. (S.) 6-5-09.

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)? ✓ 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. Pumping arrangements. Report on Ship's 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 66-0 ft., Bridge Dk. ✓ ft., F'castle 18-0 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. 124842 ; 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 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. 1791
Date 8/4/09
No. 454 in builder's yard

Dates of Surveys held while building: 1909:- Apr 20. 22. 27 May 3. 7. 18. 27. 29. Jun 2. 10. 17. 21. 29. Jul 6. 9. 12. Aug. 10.

Total No. of Visits 17

The amount of Entry Fee ......£ 2 : 0 : 0
Special......£ 10 : 9 : 0
Travelling Expenses, if any £ 1 : 5 : 1
Fees applied for, 20/8/1909
Received by me, 23 8 1909 24.8

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 ✠100A1. "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 TUES. 24 AUG 1909
Character assigned 100A1
Stm trawler
Lloyd's A&C.P. + LMC 8.09

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

Certs issued 1.9.09

009557-009564-0118 2/2

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