With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

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

F.B.I. AUG.4-1911
Received at London Office

Date of completion of report 3rd August 1911. *Port of* Hull. *No.* 24044
Survey held at Selby. *Date, First Survey* March 9th *Last Survey* Aug. 2nd 1911
On the Steam Trawler "XYLOPIA." *Rig* Ketch.

TONNAGE under Tonnage Deck	239.27
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	10.97
Do. of Bridge House	
Do. of Forecastle	6.93
Do. of Houses on Dk.	4.36
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	261.53
Less Crew Space	24.15
Less above Crown of Engine Room	
TONNAGE FOR FEES	237.38
Less Engine Room	125.52
Less Navigation Spaces	9.17
Register Tonnage *as cut on Beam*	102.69

CLASS 100 A1 Steam Trawler

	FEET.
Breadth *(greatest moulded)*	21.87
Depth *at middle of length from top of keel to top of upper deck beams at side*	13.00
Transverse Number	34.87
Length *on deck from fore part of stem to after part of stern post*	125.00
Longitudinal Number	4358
Depth "d," *at middle of length (See Secs. 2 & 13)*	11.66
Proportions—*Depths to Length—Upper Deck Beam at side to top of keel*	9.6
" " *Long Bridge Deck Beam at side to top of keel*	✓

Master B. Blackwell.
Year of appointment (1) *As Master in service of owner of present vessel:*—1903 (2) *As Master of this vessel* 1911
Built at Selby
When built 1911 *Launched* 30th May.
By whom built Cochrane & Sons.
Owners Southern Steam Trawling Co. Ld.
Managers ✓ *(Where necessary to be entered in Reg. Book.)*
Residence Waterford.
Port belonging to Milford.

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	125	0	**BREADTH**— Moulded	21	10½	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams	12	3	No. of Decks with flat laid One
						Do. do. do. do. Second Dk. Beams	✓		No. of Tiers of Beams One

Dimensions of Ship per Register, Length 125.2 breadth 22.0 depth 12.25 Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 13 ins. 0 ✓ To Upper Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule ved.
			20th			20th
FRAME, Angles, ~~or [or [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						
" " " " from ¼ length to Collision bulkhead		21			21	
" " " " in peaks						
REVERSED FRAME, Angles	2½	2½	6	2½	2½	6
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 ½ length amidships	16		8	16		8
" in way of Engine and Boiler Spaces			9			8
" thickness at the ends of vessel			7			7
" depth at ¾ the half breadth, as per Rule	Straight across					
" height extended at the Bilges		See		plan		
FLOORS & BRACKETS in **Cell Dble Bottoms**		✓				
" " state if flanged (top & bottom)		✓				
" " Spacing		✓				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.		✓				
" " Angles, Top		✓				
" " " Bottom		✓				
" " " to Floors		✓				
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		✓				
" " Height of 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
" Angles on upper edge		✓				
" In way of Long Bridge		✓				
" Spacing		42			42	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" 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~~	5½	3	8	5½	3	8
" Angles on upper edge		✓				
" Spacing		42			42	

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** " "	2½ as arranged.			
" **Quarter 'tween Dks.,** " "	✓			
" " **in Hold** " "	✓			

KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved	Inches per Rule ved.
			20th			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	8	3	10	8	3	10
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 (~~One~~)	5	4	9	5	4	9
" Intercostal Plate for ... length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number		One				
" " Angle	5	4	9	5	4	9
" Intercostal Plate, for ... length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50		6	50		6
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle (clear of Bridge)	3 × 3		7	3 × 3		7
" " Tie Plate at sides of Hatchways	8		7	8		7
" Deck.* Iron or Steel, for E. & B. Spaces & Bunkers ing.			7			7
" " Thickness (clear of Bridge)	✓					
" " " (in way of Bridge)	✓					
" Wood Deck. Material & thcknss P. Pine	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			6			6
" Angle on ditto	3 × 3		7	3 × 3		7
" Tie Plates (~~In centre~~)	45		7	45		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.*

Form No. 1A.—1m,3,11.T.

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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, Bulb Bar, depth and thickness	7½ x 1⅛	7½ x 1⅛
STEM, moulding and thickness	7½ x 1⅛	7½ x 1⅛
STERN-POST for Rudder No. do. / " for Propeller	6 x 3	6 x 3
RUDDER—A×D* Table 22. Speed under 10 Knots	47.78	47.78
" **Main-Piece,** diameter at head	4½	4½
" " " at heel	3½ x 3	3½ x 3

RUDDER, how constructed Forged steel frame

" Thickness of Plates ~~or single Plate~~ 6/20"

Can the Rudder be unshipped afloat? Yes

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness.	Stiffeners. Horizontal. Size.	Horizontal. Spacing	Vertical. Size.	Vertical. Spacing	Single or Double Frames.	Height up.
			Inches.	Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	3	3	6/20	3 x 2½ x		6/20	48/30	Bingle	Dk
COLLISION "			6/20	Fla. 3 x 2½ x		6/20	24	Bingle	Dk
PARTITION "	✓			Hon. 4 x 2½ x		6/20	B.A. 40		
LONGITUDINAL "	✓								

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

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 & Consett. Palmers.

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

PLATING.

STRAKES.		As in Ship. Amidship. Breadth.	Amidship. Thickness.	Forward. Thickness.	Aft. Thickness.	Per Rule or as Approved. Amidship. Breadth.	Amidship. Thickness.
		Inches.	Inches.	Inches. 20th	Inches. 20th	Inches.	Inches. 20th
Flat Plate Keel (If Bar Keel, state Riveting.)		Bar Keel					
Garboard or A Strake		32	9	9	9	32	9
State actual thickness in way of Double Bottom.	B "		8	8	8		8
	C "		8	8	8		8
	D "		9	8	8		9
	E "		8	8	8		8
Sheer	F "	33	9/16	8/16	7/16	33	9/16
	G "						
	H "						
	J "						
	K "						
	L "						
	M "						
	N "						
	O "						
	P "						
	Q "						
	R "						
	S "						
	T "						
	U "						
	V "						
	W "						
Thickness of Sheerstrake clear of Long Bridge		✓					
Do. of Strake below		✓					
Dblg. of Flat Plate Keel		✓					
" Sheerstrakes Length and thickness.		✓					
Poop Sides		✓					
Short Bridge Sides		✓		8-5/16			
Forecastle Sides							

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

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

RIVETING.

Lower Edges. Ordinary or joggled? Ordinary ✓

Butts. Single or Double.	Breadth of Lap.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Double or Treble and for what Length.	Rivets. Diam.	Rivets. Spacing cr. to cr.	Straps. Breadth.	Straps. Thickness.	If Lapped. Breadth.	If Lapped. For what Length.
	Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches. 20th	Inches.	Feet.
		1	5							
				Double full L	¾	2⅝	9¾	10		
Double	4½	¾	3	" " "	"	"			5	Full
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	T ¾ L	"	"			7½	"
"	"	"	"	Double full L	"	"	9¾	10/16		

*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, Dble 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											
Mizen	P. Pine	37. 6	11								
Lower Masts.	P. Pine	53. 6	14								
Bowsprit ✓											

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

Rigging, Material and Size, **Shrouds** Galv.d wire. 2¾". 2¼". **Stays** Galv.d wire. 4". 2¼".

Sails. One Suit of Sails, and the following spare sails ✓

Form No. 1A.

FEB AUG 1911

EQUIPMENT No. ✓ LETTER ✓ . ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 4358.

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.
8467	1st Bower	5	2	18	1	1	20	7	18	1	21	5	2	0	Ordinary	Woodhouse Bros.	L.P.H.-C.H. 22-2-11. Paul
8468	2nd "	5	0	0	1	1	6	7	7	2	0	5	0	0	"	"	" " — — — 22-2-11 — "
8469	3rd "	2	3	0	—	2	22	5	5	0	0	2	3	0	"	"	" " — — — 22-2-11 — "
	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.
8775	105	1 1/16	20 3/10	30 9/10	60-3-20	60-2-18	105	1 1/16	Stud link	Woodhouse Bros.	L.P.H.-C.H. 3-2-11 S.C. Paul - Insp.
Iron Stream Chain or Steel Wire	✓		Cir.					Cir.			

HAWSERS AND WARPS.

Material	Length and Size supplied. Length. Fathoms.	Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 31. Length. Fathoms.	Cir. Ins
2 Single Towline Steel wire rope	600	2¾	15½		
Hawsers & Warps Steel	60	2¼	9½	60	2¼
" "	60	2	7	60	2
" "					

Boats One **Steering Gear, Steam** ✓ **Steering Gear, Hand** by Cochrane & Sons

Pumps, Number Three Diameter of Barrel 6-4" State whether they are in efficient working order Yes.

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

Engine Room Skylights.—How constructed? Of Teak What arrangements for deadlights in bad weather? Teak flaps & bullseyes.

Coal Bunker Openings.—How constructed? Plates and angles and Cast iron lings How are lids secured? Bolted down and screwed. Height above deck? 9" and flush

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side, 5 Scuppers. (1) Freeing port 24"x10". 2 Port 18"x9"

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 3"

State size **No. 1 Hatch** (Forward) 36"x36". **No. 2 Hatch** 36"x36". **No. 3 Hatch** 36"x36". **No. 4 Hatch** 24"x36".

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

No. of Breasthooks 3 on **No. of Crutches** 1 & dup floors.

Bulwarks, height above deck and description 3'-4" x 7/20" x 5/16" Main Rail, material and size 6½ x 3" x 5/20 Steel B.A.

The foregoing 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.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*) (M.) 5-12-10. (E.) 16-2-11.

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 date, and in general conformity to the Rules for the class contemplated.

Accompanying this Report:- Copies of the approved plans of Midship Section, Profile and Decks, and Report on Ships Forgings.

This is a sister vessel to the "Weigelia", Hull Report No. 23926.

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

The amount of Entry Fee ..... £ 2 : 0 : 0 — Fees applied for, 3-8-1911

Special Survey Fee .... £ — : 17 : 0

Travelling Expenses, if any £ — : 12 : 2 — Received by me, 5-8-1911

Certificate to be sent to Hull Date of Issue 14/9/11

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.

Committee's Minute WED. AUG. 9—1911

Character assigned 100A1

Steam trawler

Lloyd's ASCP time 8.11

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

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GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 69.0 ft., Bridge ✓ ft., Forecastle ~~19.6~~ (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 D.K.

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.
Double bottom, aft,			
Double bottom, under Engines and Boilers,	✓		
Double bottom, if under Engines only,	✓		
Double bottom, if under Boilers only,	✓		
Double bottom, forward,	✓		
	Total capacity of double bottom	✓	

Where Fitted.		*Length. Feet.	Water Capacity. Tons.
Fore peak tank,	✓		
After peak tank,	✓		
Deep tank, aft,	✓		
Deep tank, forward,	✓		
Other tanks, if fitted,	✓		
(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. 1860

Date 21/12/10

No. 486 in builder's yard.

Dates of Surveys held while building: 1911:- Mar 9. 14. 16. 22. 31 Apr 6. 12, 20, 26. 28, May 4, 10. 18, 24, Jun 9. 16 Jun 26. 27. July 6. 11. Aug. 2.

Total No. of Visits 21

Surveyor's Signature Allison B. Wilson

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