With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

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

Received at London Office TUE. AUG. 29. 1911

Date of completion of report 28. 8. 11 *Port of* Hull *No.* 24137
Survey held at Selby *Date, First Survey* Jan. 31st *Last Survey* Aug 16th 1911
On the Steam Trawler "PRINCEPS." *Rig* Ketch

RETAIN

TONNAGE under Tonnage Deck	241.69
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	14.66
Do. of Bridge House	
Do. of Forecastle	.93
Do. of Houses on Dk.	6.62
Do. of excess of Hatchways	
Do. above Crown of Engine Room	
Gross Tonnage	263.90
Less Crew Space	24.85
Less above Crown of Engine Room	
Tonnage for Fees	239.05
Engine Room	132.31
Navigation Spaces	10.28
Register Tonnage *cut on Beam*	106.46

CLASS ✠ 100 A1 "Steam Trawler."

	Feet.
Breadth *(greatest moulded)*	22.37
Depth, *at middle of length from top of keel to top of upper deck beams at side*	12.75
Transverse Number	35.12
Length *on deck from fore part of stem to after part of stern post*	130.00
Longitudinal Number	4565
Depth "d," *at middle of length (See Secs. 2 & 13)*	11.42
Proportions—*Depths to Length*—*Upper Deck Beam at side to top of keel*	10.19
" " *Long Bridge Deck Beam at side to top of keel*	✓

Master J. Waldeman.
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 1911 *Launched* 30th May.
By whom built Cochrane & Sons.
Owners Anchor 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

LENGTH on Deck as per Rule	Feet. 130	Inches. 0	**BREADTH**— Moulded	Feet. 22	Inches. 4½	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams Do. do. do. do. Second Dk. Beams	Feet. 12	Inches. 0	No. of Decks with flat laid One; No. of Tiers of Beams One

Dimensions of Ship per Register, Length 130.1 breadth 22.55 depth 12.0. Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 12 ins. 9 To Upper Dk. Round of Upper Dk. Beam, Actual 7 ins.

FRAMING.

	Inches in Ship.	Inches in Ship	Inches in Ship. 16ths	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved. 16ths
FRAME, Angles, ~~or [or [Bars~~ amidships	4	3	7	4	3	7
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre amidships		20			20	
" " " " from ⅜ length to Collision bulkhead	10	See	plan			
" " " " in peaks						
REVERSED FRAME, Angles	2½	2½	4	2½	2½	4
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	16		6	16		6
" in way of Engine and Boiler Spaces			7			7
" thickness at the ends of vessel			6			6
" 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~~	5	3	9	5	3	9
" Angles on upper edge		✓				
" In way of Long Bridge		✓				
" Spacing		40			40	
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 (Turtleback)	4	3	5	4	3	5
" Angles on upper edge						
" Spacing		31			31	

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. 16ths	Inches per Rule Or as	Inches per Rule Approved.	Inches per Rule Approved. 16ths
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~ Bulb	7½		7	7½		7
" Rider Plate		✓				
" Flat Plate Keel Angles		✓				
" Horizontal Plates on Floors		✓				
" Angles or Bulb Angles	4	3	7	4	3	7
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	8	5	4	8
" Intercostal Plate for length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number (One)	5	4	8	5	4	8
" " Angle		✓				
" Intercostal Plate, for length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	5	50	5		
" " " " br'dth & thickness (in way of Bridge)	✓					
" " " Angle (clear of Bridge)	3 × 3	6	3 × 3	6		
" " Tie Plate at sides of Hatchways	8	6	8	6		
" Deck.* ~~Iron or~~ Steel, for E.g. B. Space & Bunkers lng.	7/20	5/16	7/20	5/16		
" " 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'knss (Turtleback)		5		5		
" Angle on ditto	✓					
" Tie Plates	✓					
" Deck. Material and thickness Steel		4		4		

* *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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W1120-0014½

TUE. AUG. 29. 1911

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, Bull **Bar,** depth and thickness	7½ x 1⅝	7½ x 1⅝
STEM, moulding and thickness Bull. Bar	7½ x 1⅝	7½ x 1⅝
STERN-POST for Rudder do. do.	6 x 3	6 x 3
" for Propeller		
RUDDER—A×D² Table 22. Speed Under 10 Knots	63.5	
" **Main-Piece,** diameter at head	4½	4½
" " " at heel	3½ x 3	3½ x 3

BULKHEADS.

	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	4	4	.28	3 x 2½ x		.26	30 ~~24~~	Single	Dk.
COLLISION " "			.28	3 x 2½ x		.26	24	Single	Dk.
PARTITION "	✓								
LONGITUDINAL "	✓								

RUDDER, how constructed Forged iron frame.

" Thickness of Plates ~~or Single Plate~~ .28

Can the Rudder be unshipped afloat? Yes.

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

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

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. 16ths	Inches. 16ths	Inches. 16ths	Inches.	Inches. 16ths
Flat Plate Keel (If Bar Keel, state Riveting)	Bar Keel					
Garboard or A Strake	32	8	7	7	32	8
B "		7	6	6		7
C "		7	6	6		7
D "		7	6	6		7
E "		7	6	6		7
F "	36	8	7	7	36	8
G "						
H "						
J "						
K "						
L "						
M "						
N "						
O "						
P "						
Q "						
R "						
S "						
T "						
U "						
V "						
W "						
Th'kness of Sh'estrke clear of Long Bridge	✓					
Do. of Strake below	✓					
Dblg. of Flat Plate Keel	✓					
" Sheerstrakes (Length and thickness.)	✓					
Poop Sides	✓					
Short Bridge Sides	✓					
Forecastle Sides			5			

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 ✓

Single or Double.	Breadth of Lap. Inches.	Rivets. Diam. Inches.	Rivets. Spacing cr. to cr. Inches.	Double or Treble and for what Length.	Butts. Rivets. Diam. Inches.	Butts. Rivets. Spacing cr. to cr. Inches.	Butts. Straps. Breadth. Inches.	Butts. Straps. Thickness. Inches. 16ths	Butts. If Lapped. Breadth. Inches.	Butts. If Lapped. For what Length. Feet.
		1	5							
				Treble L	¾	2⅝	9¾	9		
Double	4½	¾	3⅜	" " "	"	"			5	Full
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"	9¾	9		

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	P. Pine	45-0	14								
	Main											
	Mizen	Steel	34-0	12								

Bowsprit ✓

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

Rigging, Material and Size, **Shrouds** Galv^d wire **Stays** Galv^d wire.

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

Form No. 1A.

EQUIPMENT No. ✓ LETTER ✓ . ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 4565.

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 M. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
9152	1st Bower	7	1	4	Stockless			9	9	1	14	7	1	0	Trilon	Wm Griffin	L.P.M.C.H. 14-6-11. Paul
9153	2nd "	6	2	8	"			8	17	2	0	6	2	0	"	" "	" " 14-6-11 "
9154	3rd "	3	0	6	—	3	4	5	10	0	0	3	0	0	Rodgers	" "	" " 14-6-11 "
	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. Satisfactory. 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.
9045	105⅓	1 1/16	30 3/10	30 4/10	64-0-0	60-2-18	105	1 1/16	Stud	Not stated	L.P.M.C.H. 31-3-11 S.C. Paul. Sup.
									Sink		
Iron Stream Chain or Steel Wire ✓		Cir.						Cir.			

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
2 Lengths of Towline attached to hawser	250	2 3/16	15½		
Hawsers & Warps Manilla	60	6		60	6
" "	60	5		60	5
" "					

Boats Two **Steering Gear, Steam** ✓ **Steering Gear, Hand** by Cochran.

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

Windlass is by Cammell & Laird (Steam) **Capstan** ✓

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

Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Screwed Height above deck? Flush.

Number of **Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** On each side. 7 Scuppers. 4 Freeing ports 18 x 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. 3"

State size **No. 1 Hatch** (Forward) 2'-11" x 2'-11" **No. 2 Hatch** 2'-11" x 2'-11" **No. 3 Hatch** 2'-11" x 2'-11" **No. 4 Hatch** 2'-11" x 2'-11" No. 5 "

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

No. of Breasthooks Four **No. of Crutches** One x dup floors.

Bulwarks, height above deck and description 3'-6" x 6.5/16. Main Rail, material and size 6½ x 3 x 8/20 Steel B.P.

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.) 3-12-10.

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 & Decks. and Report on Ship's Forgings.

This is a sister vessel to the "Vonolek". Hull Report No. 23718.

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, 25 8 1911

Special Survey Fee .... £ 11 : 19 : 0 | Received by me, 30 8 1911

Travelling Expenses, if any £ — : 17 : 1

Certificate to be sent to Hull Date of issue 4/9/11

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed ✠ 100 A1. "Steam Trawler." Allison B. Wilson.

With, or without Freeboard, as condition of Class Without.

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 FRI. SEP. 1 - 1911

Character assigned 100A1

Stm Trawler

Lloyds' ARCP Hmc 8.11

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W1120-0004-1

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 70·5 ft., Bridge ✓ ft., Forecastle 19·5 ft. (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 it should appear in the Register Book*) 1 DK.

Official No. 132109 ; 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. 1856

Date 25/11/10

No. 488. in builder's yard.

Dates of Surveys held while building: 1911.- Jan 31. Feb 8. 10. 17. 22. 27. Mar 9. 14. 16. 22, Apr 6. 20. 26. 28. May 4. 10. 18. May 24. Jun 9. 16. 26. 27. July 6. 11. 28. Aug 3. 8. 10. 16.

Total No. of Visits 29

Surveyor's Signature Allison B. Wilson.

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