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

~~IRON OR~~ STEEL STEAMER.

No. 17571

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

Received at London Office TUES. 27 FEB 1906

Date of completion of Report 20th February 1906. Port of Hull

Date, First Survey Aug 30/05 Last Survey Feb. 19th 1906

Survey held at Hull Rig Ketch

On the Steam Trawler "THRUSH."

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1. Steam Trawler.

TONNAGE under Tonnage Deck	235.88	
Do. of Poop		
Do. of Raised Qr. Dk. or Break	14.17	
Do. of Bridge House		
Do. of Forecastle	8.32	
Do. of Houses on Deck	5.27	
Do. of excess of Hatchways		
Do. above Crown of Engine Room		
Gross Tonnage	263.64	
Less Crew Space	30.56	
Less above Crown of Engine Room		
TONNAGE FOR FEES	233.08	
Less Engine Room	117.71	
Less Navigation Spaces	12.47	
Register Tonnage as cut on Beam	102.90	

FEET.	
Half Breadth (moulded)	11.04
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	13.33
Girth of Half Midship Frame (as per Rule)	20.16
1st Number	44.53
Length on deck from after part of stem to fore part of stern post	128.492
2nd Number	5435
Proportions—Breadths to Length	5.83
Depths to Length—Main Deck to top of Keel	9.64

Destined Voyage Fishing If Surveyed while Building, Afloat, ~~or~~ and in Dry Dock Yes.

Master ✓

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

Built at Hull

When built 1906 Launched 23rd Dec. 1905

By whom built Earle's S.+E.C. Ltd.

Owners The Pioneer Steam Fishing Co. Ltd.

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

Residence Grimsby

Port belonging to Grimsby

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	128	9½	**BREADTH**—Moulded	22	1	**DEPTH, ACTUAL**—Top of Floors to top of Main Deck Beams	12	0	No. of Decks with Flat laid One No. of Tiers of Beams One.

Dimensions of Ship per Register, Length, 130.0 breadth, 22.2 depth, 11.87 . Moulded Depth, 12 ft. 10 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 Approved	16ths ~~or 20ths~~ per Rule ved.
FRAME, Angles, ~~T, L or L Bars,~~ for ⅝ length amidships	4½	3	7/20	4½	3	7/20
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 ~~In E.+B. Space~~	3	3	6	3	3	6
DEEP FRAMING, depth of girder		4½			4½	
FLOORS, depth and thickness of Floor Plate at mid-line for ⅝ length amidships	16		6	16		6
,, in way of Engines and Boilers	E.Y.B.	8			7&8	
,, thickness at the ends of vessel		6				6
,, depth at ¾ the half breadth, as per Rule	Straight-	Ad		across		
,, height extended at the Bilges				plan.		
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				
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 Plates~~ depth and thickness	8 x 2	8 x 2
STEM, moulding and thickness	8 x 2	8 x 2
STERN-POST for Rudder do. do.	6½ x 3¼	6½ x 3¼
,, for Propeller		
MAIN PIECE of Rudder, diameter at head	4½	4½
do. at heel	3¾ x 3¼	3 x 2¾

RUDDER, how constructed Forged iron frame. plated.

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~~	5½		8	8½		8
,, Rider Plate		✓				
,, Bulb Plate to Intercostal Keelson		✓				
,, Horizontal Plates on Floors		✓				
,, Angles	5	3	8	5	3	8
SIDE KEELSON, Angles		✓				
,, Bulb or Plate above floors for lng.		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles (One)	5	3	9	5	3	9
,, Bulb or Plate above floors for lng.		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
BILGE STRINGER Angles (~~Two~~)	5	3	6	5	3	6
,, Bulb Plate for length		✓				
,, Intercostal Plate for length		✓				
,, Attached to outside plating with Angle		✓				
SIDE STRINGER Angles ~~In way of R.Q. Dk~~	5	3	9	5	3	9
,, Bulb or Intercostal Plate for lng.		✓				
,, Attached to outside plating with Angle		✓				
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	26	6		26		6
,, Angle on ditto	3 x 3	6		3 x 3		6
,, Tie Plates, outside Hatchways	7	6		7		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 & thcknss	30	5		30		5
,, Angle on ditto	3 x 3	6		3 x 3		6
,, Tie Plates One at Centre	57	5		57		5
,, 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 5/16			48 30	Single	Dk
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

Are the outside Plates doubled two spaces of Frames in length? Yes

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

STRAKES.	PLATING. As in ship. Amidship. Breadth. Inches	Amidship. Thickness. 16ths	Forward. Thickness. 16ths	Aft. Thickness. 16ths	Per Rule or as approved. Amidship. Breadth. Inches.	Amidship. Thickness. 16ths	RIVETING. ~~Lower~~ Edges. Ordinary ~~or Joggled~~. 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	31	8	8	8	31	8					D full L	3/4	2 5/8	9 3/4	9		
B		6	5	5		6	Double	4½	3/4	3⅓	" " "	"	"			5	Full
C		7	6	6		7	"	"	"	"	" " "	"	"			"	"
D		7	6	6		7	"	"	"	"	" " "	"	"			"	"
E		7	6	6		7	"	"	"	"	" " "	"	"			"	"
F		6	5	5		6	"	"	"	"	" " "	"	"			"	"
Sheer G	31	10	8	8	31	10	"	"	"	"	" " "	"	"	9 3/4	11		
H																	
J																	
K																	
L																	
M																	
N																	
O																	
P																	
Doubling of Flat Plate Keel	✓																
Length and thickness of Bilges	✓																
Length and thickness of Sheerstrakes	Increased in thickness to 12/16" in way of break of R.Q.Dk																
Length and thickness of Strake below	✓																
Poop Sides	✓																
Raised Quarter Dk. Sides		5		5													
Bridge Sides	✓																
Forecastle Sides			5														
Lengths of Plating	Seven frame spaces.																

State actual thickness in way of Double Bottom. *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. South Durham. S & S Co., Consett. Palmers

Has the Steel been tested as required by the Rules Yes

Main Stringer Plate { **Butts,** Double ~~treble~~ 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 Deep single frame. Floors flanged 3" 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	P. Pine	41-0	14"								
Main											
Mizen	Steel	30-0	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. 5435 **Letter** Trawler. ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 5735

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. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
55321	1st Bower	5	3	23	1	2	13	8	5	0	0	5	3	0	Rodgers	Connop Bros.	L.P.H. Netherton 16.11.05. Green
55322	2nd	5	1	0	1	1	13	7	11	3	14	5	1	0	"	" "	" 16.11.05 "
55319	3rd	3	0	0	0	3	5	5	10	0	0	3	0	0	"	" "	" 16.11.05 "
	Collective weight																
	Stream	✓															
	Kedge	✓															

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 Table 22. Cwts. qrs. lbs.	Length & Size per Table 22. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested and Superintendent.
484	105	1 1/16	20 2/10	30 4/10	61-0-4	60.2.18	105	1 1/16	Stud Link	Connop Bros.	L.P.H. Cradley Heath 13-12-05 J.H. Dudley
Iron Stream Chain or Steel Wire	✓										

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 22. Length. Fathoms.	Cir. Ins.
Towline	✓				
Hawsers & Warps Manilla	60	6		60	6
"	60	5		60	5
"					

Boats One.

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

Windlass is by Gemmell & Frow. **Capstan** ✓

Engine Room Skylights.—How constructed? Teak.

What arrangements for deadlights in bad weather? Teak flaps & bullseyes.

Coal Bunker Openings.—How constructed Plates & angles & cast iron rings How are lids secured? Battened down and screwed Height above deck? 6" and flush

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** On each side, 5 Scuppers, 2 Ports 18" x 9" & 1 port 24 x 12

Ceiling in Holds, thickness and material 2" & 1¼ pine. **Cargo Battens,** thickness and material ✓

Cargo Hatchways.—How formed? Plates & angles. **Hatches.**—If strong and efficient? Yes.

State size **No. 1 Hatch** (Forward) 6-8 x 3-4" **No. 2 Hatch** 3-4" x 3-4 **No. 3 Hatch** 3-4 x 3-4" **No. 4 Hatch** 3-4" x 3-4"

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

No. of Breasthooks Four. **No. of Crutches** One & deep floors.

Bulwarks, height above deck and description 2-9" Steel 5/16" Main Rail and Stays, material and size 6½" x 3" x 7/16" Steel B.A.

The above is a correct description.

FOR EARLE'S SHIPBUILDING & ENGINEERING CO. LIMITED.

Builder's Signature (here only) F. J. Galethorpe

SECRETARY

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 24.3.05, 20.4.05, 1.5.05, 6.7.05, E 27.10.05.

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)? 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.

The fish hold is insulated with three thicknesses of cork slabs, each 5/8" thick, with oiled paper between, and 1¼ and 2" pine ceiling.

Accompanying this Report, Plan of Midship Section, and Report on ships forgings.

This is a sister vessel to the "Crown" and "Lord Curzon", etc. Hull Reports No. 14558 and 14159, etc.

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 70-0 ft., Bridge Dk. ✓ ft., F'castle 23-0 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. 122444 ; 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	✓		(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. 1538

Date 31/10/05

No. 513 in builder's yard.

Dates of Surveys held while building:
1905:- Aug 30. Sep. 6.14.27. Oct. 4.11.16.19.23.25. Nov 4.9.14.23.28. Dec 5.12.14.16.20.28
1906:- Jan 4.11.23.24.29. Feb. 6.7.8.19.

Total No. of Visits 30

The amount of Entry Fee £ 2 : - : -
Special £ 11 : 13 : -
Travelling Expenses, if any £ - : - : -

Fees applied for, 21/2/1906

Received by me, 6/3/1906

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 ✠ 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 FRI. 2 MAR 1906

Character assigned 100 A1 Stm trawler

Lloyds a & CP LMC 2.06

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

Certificate issued. 7/3/06.