

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

# IRON OR STEEL STEAMER.

No. 18285

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

Received at London Office **29 AUG 1906**

Date of completion of Report *17<sup>th</sup> August 1906*

Port of Hull

Date, First Survey *April 3<sup>rd</sup>*

Last Survey

*Aug 2<sup>nd</sup> 1906*

"LIBERIA"

Rig *Ketch*

Master

Year of appointment

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

Survey held at *Selly*

On the *Steam Trawler*

ONE OR TWO DECKED VESSEL.

CLASS *100 A* Steam Trawler.

TONNAGE under

Tonnage Deck *245.83*

Do. of Poop

Do. of Raised Or.

Do. of Break.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck *4.48*

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage *250.31*

Less Crew Space *25.86*

Less above Crown of

Engine Room

TONNAGE FOR FEES *224.45*

Less Engine Room *114.08*

Less Navigation Spaces *9.92*

Register Tonnage *100.55*

as cut on Beam

Half Breadth (moulded) *10.95*

Depth from upper part of Keel to top of Main Deck Bms. *13.70*

Girth of Half Midship Frame (as per Rule) *20.33*

1st Number *44.98*

Length on deck from after part of stem to fore part of stern post *123.87*

2nd Number *55.71*

Proportions—Breadths to Length *5.60*

Depths to Length—Main Deck to top of Keel *9.04*

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Built at *Selly*

When built *1906*

Launched *9<sup>th</sup> June*

By whom built *Cochrane & Sons*

Owners *The Lindsey Steam Fishing Co. Ltd.*

Managers

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

Residence *Grimsby*

Port belonging to *Grimsby*

LENGTH on Deck as per Rule *123* Feet. *10 1/2* Inches. BREADTH—Moulded *21* Feet. *10 3/4* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *12* Feet. *6* Inches. No. of Decks with Flat laid *One*. No. of Tiers of Beams *One*.

Dimensions of Ship per Register, Length, *125.0* breadth, *22.0* depth, *12.49* Moulded Depth, *13* ft. *3* ins. Round of Beam, Actual *7* ins.

FRAMING.		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	FORGINGS AND CASTINGS.		Inches in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, <i>2 E or L Bars</i> for $\frac{1}{2}$ length amidships		4	3	$\frac{3}{20}$	4	$\frac{3}{20}$	KEEL, Bar or Side Plates depth and thickness		$4\frac{1}{2} \times 1\frac{1}{4}$	$7\frac{1}{2} \times 1\frac{1}{4}$
Do. for $\frac{1}{2}$ at each end							STEM, moulding and thickness		$7\frac{1}{2} \times 1\frac{1}{4}$	$7\frac{1}{2} \times 1\frac{1}{4}$
Do. in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.		$6 \times 2\frac{1}{2}$	$6 \times 2\frac{1}{2}$
Spacing of Frames from centre to centre			20		20		MAIN PIECE of Rudder, diameter at head		$4\frac{1}{2}$	$4\frac{1}{2}$
REVERSED FRAME, Angles <i>On top of floor</i>		$2\frac{1}{2}$	$2\frac{1}{2}$	4	$2\frac{1}{2}$	4	do. at heel		$3 \times 2\frac{1}{4}$	$3 \times 2\frac{1}{4}$
DEEP FRAMING, depth of girder <i>(single angle)</i>		4			4		RUDDER, how constructed <i>Forged iron frame, plated.</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships		16		6	16	6	Can the Rudder be unshipped afloat? <i>Yes.</i>			
in way of Engines and Boilers				7		7	KEELSONS AND STRINGERS		Inches in Ship.	Inches per Rule Or as Approved.
thickness at the ends of vessel				5		5	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		$4\frac{1}{2}$	$7\frac{1}{2}$
depth at $\frac{1}{2}$ the half breadth, as per Rule							Rider Plate			
height extended at the Bilges							Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS, in Cell Dble Bottoms							Horizontal Plates on Floors			
state if flanged (top & bottom)							Angles		4	3
Spacing							SIDE KEELSON, Angles			
CENTRE GIRDER, in Double Bottom, depth and thickness							Bulb or Plate above floors for			
Angles, Top							Intercoastal Plate for			
Bottom							Attached to outside plating with Angle			
SIDE GIRDERS, number on each side & thickness							BILGE KEELSON, Angles		3	3
state if flanged (top & bottom)							Bulb or Plate above floors for			
Angles							Intercoastal Plate for			
MARGIN PLATE, depth (exclusive of flange) and thickness							Attached to outside plating with Angle			
Angles to Outside Plating							BILGE STRINGER Angles			
Floors							Bulb Plate for			
Height of Floors at the Bilges							Intercoastal Plate for			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							Attached to outside plating with Angle		3	3
thickness in Engine and Boiler space							SIDE STRINGER Angles			
Remainder in Holds							Bulb or Intercoastal Plate for			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		5	3	8	5	3	Attached to outside plating with Angle			
Angles on Upper Edge							Main and Raised Quarter Deck Stringer Plate, breadth and thickness		50	5
Spacing		40			40		Angle on ditto		$3 \times 3$	$6 \times 3 \times 3$
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							Tie Plates, outside Hatchways		8	6
Angles on Upper Edge							Diagonal Tie Plates on Bms. No. of Pairs			
Spacing							Main Dk* <i>Iron</i> Steel for <i>space</i> lng.			$\frac{3}{20}$
BEAMS, Hold, Plate or Tee Bulb							R. Q. Dk* Iron or Steel for			$\frac{3}{20}$
Angles on Upper Edge							Wood Deck, Material & thickness <i>P. Pin</i>		3	3
Spacing							Lower Deck Stringer Plate, breadth and thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							Angles on ditto, No.			
Angles on Upper Edge							Tie Plates, outside Hatchways			
Spacing							Deck* Material and thickness			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb							Hold Stringer Plate			
Angles on Upper Edge							Angles on ditto, No.			
Spacing							Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							Angle on ditto			
Angles on Upper Edge							Tie Plates			
Spacing							Deck, Material and thickness			
PILLARS, In 'tween Decks, Size and Spacing							Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness			
Hold							Angle on ditto			
Quarter, 'tween Dks.,							Tie Plates			
In Hold							Deck, Material and thickness			
WEB FRAMES, In Fore Body, No. and Spacing							Forecastle Deck Stringer Plate, brdth & thcknss			
Brdth. & Thickness							Angle on ditto			
No. of Side Stringers							Tie Plates			
WEB FRAMES, In E. & B. Space, No. and Spacing							Deck, Material and thickness			
Brdth. & Thickness							BULKHEADS.		Inches in Vessel.	Per Rule.
No. of Side Stringers							W.T. BULKHEADS		4	4
Size of Angles or Tee Bars to Web Frames							PARTITION			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							LONGITUDINAL			

Are the outside Plates doubled two spaces of Frames in length? *Yes*  
Are the Stave Valves and Watertight Doors in efficient working order? *Yes*

Register Foundation

W1486-0105 1/2



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		STRAPE.		IF LAPPED.						
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		STRAPE.		IF LAPPED.								
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.							
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32	7	7	32	8	Double	4 1/2	3 1/2	2 1/2	2 1/2	9 1/2	8	5						
GARBOARD OR A STRAKE	32	7	7	32	8	Double	4 1/2	3 1/2	2 1/2	2 1/2	9 1/2	8	5						
State actual thickness in way of Double Bottom.																			
B "																			
C "																			
D "																			
E "																			
Shun F "	31	8	7	7	31	8					9 1/2	8							
G "																			
H "																			
I "																			
J "																			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING OF Flat Plate Keel																			
Length of Bilges																			
Length of Sheerstrakes																			
Length of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING																			

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., Corbett, Gillingham*

Has the Steel been tested as required by the Rules *Yes*

FRAMES extend in one length from *Keel* to *gunwale* state if ordinary or jogged *Ordinary*  
 REVERSED FRAMES on floors and frames extend from *across top floors (Deep angle angle frame)* state if ordinary or jogged *Ordinary*

MASTS, SPARS, &c.

LOWER MASTS.	Fore	Main	Mizen	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.	RIVETING.
						At Partners.	Heel.	Hounds.	Head.			
				P.P. in	41' 0"	14"						
				Steel	29' 0"	12"						

Bowsprit *Yes*  
 Topmasts, *Yes* and Remainder of Spars *Pitch Pine*  
 Rigging, Material and Size, Shrouds *Sisal wire, 3/2, 2 1/2*  
 Sails. *One* Suit of Sails and the following spare sails *3 1/2, 2*

Equipment No. *✓* Letter *✓* Anchors. *✓* Tonnage U.K. or Plating No. for Trawlers *5571*

Number of Certificate.	Anchors.	WEIGHT, EX-STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 22			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
57360	1st Bower	5	2	0	1	1	14	7	16	1	0	5	2	0	Rodgers	J. Green
57358	2nd "	5	0	4	1	0	27	7	9	2	21	5	0	0	"	"
57359	3rd "	2	2	22	0	3	6	5	5	0	0	2	3	0	"	"
	Collective weight															
	Stream															
	Kedge															

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.
			Supplied.	Per Table 22.	Per Table 22.								
1615	105 1 1/2	13 1/2	27	65	3	26	105 1 1/2	Shank	J. Green	L.P.H. Chadley Heath	60 6	60 6	60 6
										25-6-06. Dudley	60 4 1/2	60 4 1/2	60 4 1/2

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.

Boats *One*  
 Pumps, Number *Four*. 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? *State*  
 What arrangements for deadlights in bad weather? *State shutters and bullseyes*  
 Coal Bunker Openings. How constructed? *Cast iron rings* How are lids secured? *Secured* Height above deck? *Flush*  
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side. 6 Scuppers, 4 freeing ports 18" x 9"*  
 Ceiling in Holds, thickness and material *2 Pine* Cargo Battens, thickness and material *✓*  
 Cargo Hatchways. How formed? *Plating and angles* Hatches. If strong and efficient? *Yes*  
 State size No. 1 Hatch (Forward) *2-10 x 2-10* No. 2 Hatch *2-10 x 2-10* No. 3 Hatch *2-10 x 2-10* No. 4 Hatch *2-10 x 2-10*  
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *✓*  
 No. of Breasthooks *Four* No. of Crutches *1 and 2 up floors*  
 Bulwarks, height above deck and description *2-6 6-5* Main Rail and Stays, material and size *6 1/2 x 3/4" Steel B.R.*  
 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.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

*M 31-2-01* *216.5.06.*

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 facing 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)? *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 quantity letters of the above date, and in general conformity to the Rules for the Class contemplated.*

*Accompanying this Report. Plans of Midship section, Profile and Deck, and Pumping Arrangements, Report on Ships forgoing.*

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 *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* 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 D.K.*

Official No. *123577*; 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.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	<i>✓</i>		Fore peak tank,	<i>✓</i>	
Double bottom, under Engines and Boilers,	<i>✓</i>		After peak tank,	<i>✓</i>	
Double bottom, if under Engines only,	<i>✓</i>		Deep tank, aft,	<i>✓</i>	
Double bottom, if under Boilers only,	<i>✓</i>		Deep tank, forward,	<i>✓</i>	
Double bottom, forward,	<i>✓</i>		Other tanks, if fitted,	<i>✓</i>	

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. *1590* *1906: Apr 3. 10. 24. May 1. 8. 11. 18. 23. June 1. 6. 8. 9. 11. 15. 22. 23. July 6. 11. Aug 1. 2.*

Date *3/4/06* Days of Surveys held while building *366* in builder's yard.

The amount of Entry Fee *£ 2 - -* Fees applied for, *28/8/1906*  
 Special *£ 11 : 4 -* Received by *30/8/06*  
 Travelling Expenses, if any *£ - - 11 : 4*

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.*

Committee's Minute *FRI. 31 AUG 1906*  
 Character assigned *100 A1 (Stm) Stm Trawler*  
*Lloyd's also same 8.06*

*Allison B. Wilson*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

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