

and
for 2 Dks., B.O. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 18593

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *8th December 1906*
Date, First Survey *June 1st*

Received at London Office **THUR. DEC 27 1906**

Port of Hull.
Last Survey *Dec. 4th 1906*
Rig *Ketch*.

Survey held at *Belby*
On the *Steel Steam Trawler* "LADYSMITH."

TONNAGE under { 223.04
Tonnage Deck...
Do. of Poop
Do. of Raised Qr. { 13.90
Dk. or Break...
Do. of Bridge House
Do. of Forecastle 10.86
Do. of Houses on Deck 6.33
Do. of excess of Hatchways
Do. above Crown of
Engine Room...
Gross Tonnage 254.13
Less Crew Space 20.14
Less above Crown of
Engine Room...
TONNAGE FOR FEES.. 233.99
Less Engine Room 115.62
Less Navigation Spaces 9.24

Register Tonnage { 109.13
as cut on Beam..

ONE OR TWO DECKED VESSEL.

CLASS *100 A1 "Steam Trawler"*

Half Breadth (moulded) 10.95
Depth from upper part of Keel to top of Main Deck Bms. 12.70
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 19.00
1st Number 42.65
Length on deck from after part of stem to fore part of stern post 127.20
2nd Number 5425
Proportions—Breadths to Length 5-8
Depths to Length—Main Deck to top of Keel 10-1
Destined Voyage *Fishing*

Master *✓*

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

Built at *Belby*

When built 1906 Launched 23rd August

By whom built *Cochran & Sons*

Owners *Bernstein, Stapp & Taylor*

Managers

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

Residence *Grimsby*

Port belonging to *Grimsby*

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

LENGTH on Deck as Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Feet. Inches. No. of Decks with Flat laid *One*
per Rule 124 2½ Moulded 21 11¼ Top of Floors to top of Main Deck Beams 11 6 No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, 124-30 breadth, 22-0 depth, 11-43 Moulded Depth, 12 ft. 3 ins. Round of Beam, Actual 7 ins.

FRAMING.				FORGINGS AND CASTINGS			
Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, <i>7</i> or <i>8</i> Bars for $\frac{1}{2}$ length amidships				KEEL, Bar or Side Plates depth and thickness $7\frac{1}{2} \times 1\frac{1}{2}$			
Do. for $\frac{1}{2}$ at each end	4	3	7	STEM, moulding and thickness	$7\frac{1}{2} \times 1\frac{1}{2}$	$7\frac{1}{2} \times 1\frac{1}{2}$	$7\frac{1}{2} \times 1\frac{1}{2}$
Do. in way of Double Bottoms at Solid Floors..				STERN-POST for Rudder do. do.	6×3	6×3	6×3
" " at intermdt. Bkts.				" for Propeller	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Spacing of Frames from centre to centre	20		20	MAIN PIECE of Rudder, diameter at head...	$3\frac{1}{2} \times 3$	$3 \times 2\frac{1}{2}$	$3 \times 2\frac{1}{2}$
REVERSED FRAME, Angles (<i>on floor plate</i>)	2½	2½	4	RUDDER, how constructed <i>Forged iron frame, plated.</i>			
DEEP FRAMING, depth of girder			4	Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships....	16	6	16	KEELSONS AND STRINGERS.			
" in way of Engines and Boilers		7	7	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	$7\frac{1}{2}$	7	$7\frac{1}{2}$
" thickness at the ends of vessel		6	6	" Rider Plate			
" depth at $\frac{1}{2}$ the half breadth, as per Rule..	<i>Straight across plans</i>			" Bulb Plate to Intercoastal Keelson			
" height extended at the Bilges				" Horizontal Plates on Floors			
FLOORS & BRACKETS, in Cell Dble Bottoms				" Angles	4	3	7
" state if flanged (top & bottom)				SIDE KEELSON, Angles			
" Spacing				" Bulb or Plate above floors for lng.			
CENTRE GIRDER, in Double Bottom, depth and thickness				" Intercoastal Plate for length			
" Angles, Top				" Attached to outside plating with Angle..			
" Bottom				BILGE KEELSON, Angles	3	3	6
SIDE GIRDERS, number on each side & thickness				" Bulb or Plate above floors for lng.			
" state if flanged (top & bottom)				" Intercoastal Plate for length			
" Angles				" Attached to outside plating with Angle..			
MARGIN PLATE, depth (exclusive of flange) and thickness				BILGE STRINGER Angles			
" Angles to Outside Plating				" Bulb Plate for length			
" Floors				" Intercoastal Plate for length			
" Height of Floors at the Bilges				" Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				SIDE STRINGER Angles	3	3	6
" thickness in Engine and Boiler space				" Bulb or Intercoastal Plate for lng.			
" Remainder in Holds				" Attached to outside plating with Angle			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50
" Angles on Upper Edge				" Angle on ditto	3×3	6	3×3
" Spacing	40		40	" Tie Plates, outside Hatchways	8	6	8
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Diagonal Tie Plates on Bms., No. of Pairs			
" Angles on Upper Edge				" Main Dk* <i>Iron or Steel for Machinery</i> lng.		$2\frac{1}{2}$	$2\frac{1}{2}$
" Spacing				" R. Q. Dk* <i>Iron or Steel for Space</i> lng.			
BEAMS, Hold, Plate or Tee Bulb				" Wood Deck, Material & thickness <i>P. Pine</i>	3		3
" Angles on Upper Edge				Lower Deck Stringer Plate, breadth and thickness			
" Spacing				" Angles on ditto, No.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, outside Hatchways			
" Angles on Upper Edge				" Deck* Material and thickness			
" Spacing				Hold Stringer Plate			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb				" Angles on ditto, No.			
" Angles on Upper Edge				Poop Deck Stringer Plate, breadth & thickness			
" Spacing				" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	3½	3	6	" Tie Plates			
" Angles on Upper Edge				" Deck, Material and thickness			
" Spacing	33		33	Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness			
PILLARS, In 'tween Decks, Size and Spacing				" Angle on ditto			
" Hold				" Tie Plates			
" Quarter, 'tween Dks., "	2½	<i>As arranged.</i>			" Deck, Material and thickness		
" in Hold				Forecastle Deck Stringer Plate, brdth & thcknss		5	5
WEB FRAMES, In Fore Body, No. and Spacing				" Angle on ditto			
" No. of Side Stringers				" Tie Plates			
WEB FRAMES, In E. & B. Space, No. & Spacing				" Deck, Material and thickness <i>Steel</i>		$5\frac{1}{2}$	$5\frac{1}{2}$
" No. of Side Stringers				" Angle on ditto			
WEB FRAMES, In After Body, No. and Spacing				" Tie Plates			
" No. of Side Stringers				" Deck, Material and thickness			
" Size of Angles or Tee Bars to Web Frames				Are the outside Plates doubled two spaces of Frames in length? <i>Diamond plate fitted</i>			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				Are the Stave Valves and Watertight Doors in efficient working order? <i>Yes</i>			

PLATING.										RIVETING.														
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.									
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.									
					Breadth. Thickness. Thickness. Thickness.					Breadth. Thickness. Thickness. Thickness.					Diam. Spacing or to center. Length. Breadth. Thickness. Breadth. Thickness.									
Flat Plate Keel (If Bar Keel, state Riveting)					32 9 7 7					32 8					Double 4 2 2 3 3					2 4 2 5 9 9				
Garboard or A Strake					7 6 6 6					7					7					5 full				
B "					7 6 6 6					7					7					5 full				
C "					7 6 6 6					7					7					5 full				
D "					7 6 6 6					7					7					5 full				
E "					7 6 6 6					7					7					5 full				
F "					7 6 6 6					7					7					5 full				
G "					7 6 6 6					7					7					5 full				
H "					7 6 6 6					7					7					5 full				
J "					7 6 6 6					7					7					5 full				
K "					7 6 6 6					7					7					5 full				
L "					7 6 6 6					7					7					5 full				
M "					7 6 6 6					7					7					5 full				
N "					7 6 6 6					7					7					5 full				
O "					7 6 6 6					7					7					5 full				
P "					7 6 6 6					7					7					5 full				
DOUBLING of Flat Plate Keel					✓					✓					✓					✓				
Length and thickness of Bilges					✓					✓					✓					✓				
Length and thickness of Sheerstrakes					✓					✓					✓					✓				
Length and thickness of Strake below					✓					✓					✓					✓				
POOP SIDES					✓					✓					✓					✓				
RAISED QUARTER DECK SIDES					✓					✓					✓					✓				
BRIDGE SIDES					✓					✓					✓					✓				
FORECASTLE SIDES					✓					✓					✓					✓				
LENGTHS OF PLATING					Run frame spaces					Double					Double					Double				

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. & G. Co., Fordingham
Consett.

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

FRAMES extend in one length from *Keel* to *funnel* state if ordinary or joggled *Ordinary*
 REVERSED FRAMES on floors and frames extend from *across top of floor, (single angle frame)* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.									
		Material.		Total length.		DIAMETER AND THICKNESS.		No. of Plates in round.	
						Heel. Hounds. Head.			
LOWER MASTS...	Fore	P.Pine	43-6	14					
	Main	Steel	29-0	12					
Bowsprit	✓								
Topmasts, <i>Fore</i> and Remainder of <i>Spars</i> <i>Pitch Pine</i>									
Rigging, Material and Size, <i>Shrouds</i> <i>Galv. wire</i>									
Sails. <i>On</i> Suit of <i>Sails and the following spare sails</i>									

Equipment No. ✓				Letter ✓				ANCHORS.												Tonnage U.D.K. or Plating No. for Trawlers 5425			
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. lbs.													
245	1st Bower ..	7	0	16	Atopoles	9	7	0	21	✓	✓	✓	✓	✓	✓	✓	✓						
258	2nd " ..	5	2	4	1 2 4	7	16	1	0	5	2	0	✓	✓	✓	✓	✓						
257	3rd " ..	5	0	12	1 1 24	7	9	2	21	5	0	0	✓	✓	✓	✓	✓						
	Collective weight																						
256	Stream " ..	2	3	10	0 2 20	5	7	2	0	2	3	0	✓	✓	✓	✓	✓						
	Kedge	✓																					

Patent State Name of Patentee.

John Green L.P.H.C.H. 30-3-06 Dudley

W. Griffin " " 29-5-06

" " " " 29-5-06

" " " " 29-5-06

✓✓✓

CHAIN CABLES.												HAWSEERS AND WARPS.											
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & 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.					
		Length.	Diam.	Statutory.	Break- ing.	Supplied.	Per Table 22.	Length.	Diam.						Length.	Cir.		Length.	Cir.				
		Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.							Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
1893		105	1 1/2	20 3/4	30 3/4	61-1-18	60-2-18	105	1 1/2	Old Sigsbee	W. Lippin	L.R.H. & H. 31-X-06 J. H. Dudley		TOWLINE									
														HAWSEERS & WARPS	60	6		60	6				
														Muskegon	60	5		60	4 1/2				
Iron Steam Chain or Steel Wire.....		✓																					

Boats *On*

Pumps, Number *Three* Diameter of Barrel *6" x 4"* State whether they are in efficient working order *Yes*
 Windlass is *Key Cochrane & Sons* Capstan *✓*

Engine Room Skylights.—How constructed? *Seak*

What arrangements for deadlights in bad weather? *Seak 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 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*

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*
 No. 5 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 *One & duplicate*

Bulwarks, height above deck and description *2-9" x 6-5"* Main Rail and Stays, material and size *6 1/2" x 3 1/2" 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.

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

M 17-5-06, 26-6-06 *E 21-7-06*

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)? *Inspected* 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 Ships Fittings.

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 *19-6* ft., Bridge Dk. *✓* ft., F'castle *19-5* 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. *123596*; 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.
		Feet.	Tons.			Feet.	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 <i>✓</i>				(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. *164*
 Date *27/5/06*
 No. *349* in builder's yard
 Dates of Surveys held while building *1906: June 1, 6, 8, 9, 11, 15, 22, 28, July 6, 11, 20, 27, 31, Aug 10, 15, 21, 31, Sep 3, 14, 19, Sep 28, Oct 5, 11, 16, 19, 25, 30, Nov 1, 15, 24, 28, Dec 4.*
 Total No. of Visits *32*

The amount of Entry Fee *£ 2 - - -* Fees applied for, *20/12/1906*
 Special *£ 11 : 14 - -* Received by me, *22/12/1906*
 Travelling Expenses, if any *£ : 19 - -*
 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*

Committee's Minute *THUR. DEC 27 1906*
 Character assigned *100A1*
Stm Trawler

Lloyds 176.0 *+ L.M.C. 12.06*

68A

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