

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

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *6th July 1906*
Date, First Survey *Feb. 22nd*

No. *18119*
Received at London Office *23 JUL 1906*

Port of Hull
Last Survey *June 22nd 1906.*
Rig *Ketch.*

Survey held at *Selly*

On the *Steam Trawler*

"*HERCULES.*"
ONE OR TWO DECKED VESSEL.

CLASS *#100 A1 "Steam Trawler"*

Master *✓*

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

Built at *Selly*

When built *1906* Launched *10th May*

By whom built *Cochrane & Sons.*

Owners *Reading & Dickinson.*

Managers

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

Residence *Swansia*

Port belonging to *Swansia*

and *Up*

TONNAGE under Tonnage Deck *207.66*
Do. of Prop *14.95*
Do. of Raised Gr. *2.36*
Do. or Break. *3.54*
Do. of Bridge House *2.36*
Do. of Forecastle Break *2.36*
Do. of Houses on Deck *3.54*
Do. of excess of Hatchways *9.80*
Do. above Crown of Engine Room *238.31*
Gross Tonnage *27.16*
Less Crew Space *9.80*
Less above Crown of Engine Room *201.35*
TONNAGE FOR FEES *126.60*
Less Engine Room *2.93*
Less Navigation Spaces *9.80*
Abolition of Engine Room *9.80*
Register Tonnage *75.62*
as cut on Beam

Half Breadth (moulded) *10.95*
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam) *12.40*
Girth of Half Midship Frame (as per Rule) *19.08*
1st Number *42.73*
Length on deck from after part of stem to fore part of stern post *118.87*
2nd Number *5079*
Proportions—Breadths to Length *5.4*
Depths to Length—Main Deck to top of Keel *9.3*
Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *Up*

LENGTH on Deck as Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Feet. Inches. No. of Decks with Flat laid *One*
per Rule *118 10 1/2* Moulded *21 10 1/2* Top of Floors to top of Main Deck Beams *11 6* No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, *120.0* breadth, *22.0* depth, *11.47* Moulded Depth, *12* ft. *3* ins. Round of Beam, Actual *7* ins.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths or 20ths in Ship.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	Inches per Rule Or as Appro.	16ths or 20ths in Ship.
FRAME, Angles, <i>7</i> or 8 <i>E or L</i> Bars, for $\frac{1}{2}$ length amidships						KEEL, Bar or Side Plates depth and thickness <i>7 1/2 x 1 5/8</i>					
Do. for $\frac{1}{2}$ at each end	4	3	8/20	4	3	8/20	STEM, moulding and thickness <i>7 1/2 x 1 5/8</i>				
Do. in way of Double Bottoms at Solid Floors.							STERN-POST for Rudder do. do. <i>6 x 2 1/2</i>				
" " " at intermdt. Bkts.							" " for Propeller <i>4 1/4</i>				
Spacing of Frames from centre to centre		20		20			MAIN PIECE of Rudder, diameter at head <i>3 1/2 x 3</i>				
REVERSED FRAME, Angles (on floors only)	2 1/2	2 1/2	5/20	2 1/2	2 1/2	5/20	RUDDER, how constructed <i>Forged iron frame, plated</i>				
DEEP FRAMING, depth of girder		4		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		5/16	16		5/16	KEELSONS AND STRINGERS.				
" in way of Engines and Boilers			7/16			7/16	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate or Intercoastal Plate				
" thickness at the ends of vessel			5/16			5/16	" Rider Plate				
" depth at $\frac{1}{2}$ the half breadth, as per Rule							" Bulb Plate to Intercoastal Keelson				
" height extended at the Bilges							" Horizontal Plates on Floors				
FLOORS & BRACKETS, in Cell Dble Bottoms							" Angles				
" " 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 <i>(Bm.)</i>				
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 <i>(Bm.)</i>				
" " 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	5/16	5	3	5/16	Main and Raised Quarter Deck Stringer Plate, breadth and thickness				
" " Angles on Upper Edge							" Angle on ditto				
" " Spacing							" Tie Plates, outside Hatchways				
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* Iron or Steel for lng.				
" " Spacing							" R. Q. Dk* Iron or Steel for lng.				
BEAMS, Hold, Plate or Tee Bulb							" Wood Deck, Material & thickness <i>P. Pine</i>				
" " 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	5	3	5/16	5	3	5/16	" Tie Plates				
" " Angles on Upper Edge							" Deck, Material and thickness				
" " Spacing							Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness				
PILLARS, In 'tween Decks, Size and Spacing							" Angle on ditto				
" " Hold							" Tie Plates				
" " Quarter, 'tween Dks.,							" Deck, Material and thickness				
" " in Hold							Forecastle Deck Stringer Plate, brdth & thcknss				
WEB FRAMES, In Fore Body, No. and Spacing							" Angle on ditto				
" " Brdth. & Thickness							" Tie Plates <i>Deck plated over</i>				
" " No. of Side Stringers							" Deck, Material and thickness <i>P. Pine</i>				
WEB FRAMES, In E. & B. Space, No. & Spacing							* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.				
" " Brdth. & Thickness							BULKHEADS.				
WEB FRAMES, In After Body, No. and Spacing							Number.				
" " Brdth. & Thickness							In Vessel.				
" " No. of Side Stringers							Per Rule.				
" " Size of Angles or Tee Bars to Web Frames							Thickness.				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							Horizontal.				
							Size.				
							Spacing.				
							Vertical.				
							Size.				
							Spacing.				
							Single or Double Frames.				
							Height up.				
							W.T. BULKHEADS				
							PARTITION				
							LONGITUDINAL				
							Are the outside Plates doubled two spaces of Frames in length? <i>Diamond plates fitted</i>				
							Are the Sluice Valves and Watertight Doors in efficient working order? <i>None</i>				

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					Sawn EDGES.					BUTTS.				
STRAKES.					AS IN SHIP.					Sawn EDGES.					BUTTS.				
STRAKES.					AS IN SHIP.					Sawn EDGES.					BUTTS.				
STRAKES.					AS IN SHIP.					Sawn EDGES.					BUTTS.				
FLAT PLATE KEEL					32					1					5				
GABBOARD OF A Strake					32					1					5				
State actual thickness in way of Double Bottom.					32					1					5				
B					32					1					5				
C					32					1					5				
D					32					1					5				
E					32					1					5				
F					32					1					5				
G					32					1					5				
H					32					1					5				
I					32					1					5				
J					32					1					5				
K					32					1					5				
L					32					1					5				
M					32					1					5				
N					32					1					5				
O					32					1					5				
P					32					1					5				
DOUBLING of Flat Plate Keel					32					1					5				
Length of Bilges					32					1					5				
Length of Sheerstrakes					32					1					5				
Length of Strake below					32					1					5				
POOP SIDES					32					1					5				
RAISED QUARTER DECK SIDES					32					1					5				
BRIDGE SIDES					32					1					5				
FORECASTLE SIDES					32					1					5				
LENGTHS OF PLATING					32					1					5				
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.										Main Stringer Plate									
South Durham S.S.C. Jarrow, Co. Durham										Butts, riveted for full length midship									
										Straps, riveted for full length midship									
										Butts of Bilge & Side Stringers, treble or double riveted? T. & D.									
										Inner Bottom Plating, riveting of Edges									
										Centre Girder Butts, riveted									
										Keelson Butts, riveted									
										Frames, riveted through Plates with 24 in. Rivets, about 5 apart									
										Rivets, state whether of Iron or Steel									
Has the Steel been tested as required by the Rules										Yes									
FRAMES extend in one length from Keel to gunwale										state if ordinary or joggled Ordinary									
REVERSED FRAMES on floors and frames extend across top of floors (Deep angle angle frame)										state if ordinary or joggled Ordinary									
MASTS, SPARS, &c.																			
LOWER MASTS																			
Fore Mast										41-0 13 P. Pin									
Main Mast										30-0 12 Steel									
Mizen Mast																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars										Pitch pine									
Rigging, Material and Size, Shrouds										Sails, 3 1/2, 3, 2 1/2									
Sails										Sails and the following spare sails									
Equipment No.										Letter									
ANCHORS.										Tonnage U.D.K. or Plating No. for Trawlers 5079									
Number of Certificate										Description of Anchor									
56513 1st Bower										Rodgers									
56516 2nd "										"									
56406 3rd "										"									
Collective weight																			
Stream																			
Kedge																			
CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate										Length and Size supplied									
965 90 1 18 27										47-0 2 45-3 17 90 1									
Test per Certificate										Test per Certificate									
Supplied										Supplied									
Per Table 22										Per Table 22									
Description										Description									
Makers of Cables										Makers of Cables									
Where and when tested and Superintendent										Where and when tested and Superintendent									
Material										Material									
Length and Size supplied										Length and Size supplied									
Breaking Test of Steel Wire										Breaking Test of Steel Wire									
Length and Size per Table 22										Length and Size per Table 22									
Fathoms										Fathoms									
Inches										Inches									
Tons										Tons									
Cwt.										Cwt.									
Lbs.										Lbs.									
No. of Breasthooks										No. of Crutches									
Main Rail and Stays, material and size										Main Rail and Stays, material and size									
The above is a correct description.										The above is a correct description.									
Builder's Signature										Surveyor's Signature									
Allison B. Wilson										Allison B. Wilson									
Surveyor to Lloyd's Register of British and Foreign Shipping.										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 14-2-06.

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 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

Accompanying this Report, Plans of Midship Section, Profile and Decks, and Report on Ships Fittings.

This is a Dist. Vessel to the "Hector." Hull Report No 18118

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 72-0 ft., Bridge Dk. ✓ ft., F'castle 20-0 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) 10K.

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.	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,	✓	

* The wells are not to be included in the lengths of the tanks. Total capacity ✓ State whether the above have been tested as required by the Rules. ✓

Order for Special Survey No. 1573
Date 17/2/06.
No. 343 in builder's yard.
Dates of Surveys held while building 1906: Feb 22, 28. Mar 9, 13, 26. Apr 3, 10, 24. May 1, 8, 11, 18, 28. Jun 1, 6, 8, 9, 11, 14, 19, 22.
Total No. of Visits 21

The amount of Entry Fee£ 2 - - - 20/7/1906
Special£ 10 - - - Received by me, 24.7.06
Travelling Expenses, if any £ - - - 11 8
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 TUES. 24 JUL 1906
Character assigned 100A1
Steam Trawler

Lloyds a & C. P. W. + L. M. 6.6.06