

~~IRON OR~~ STEEL STEAMER.

No. 19545
TUES. 29 OCT 1907

State if Report is also sent on the Machinery of the Vessel *yes*
Date of completion of Report *25th October 1907*
Date, First Survey *April*

Port of Hull
Last Survey Oct. 17th 1907
Rig Ketch

Survey held at	Bellby
On the	Steam Shaw
Tonnage under	198.21
Tonnage Deck...	
Do. of Poop	
Do. of Raised Gr.	12.19
Dk. or Break..	
Do. of Bridge House	
Do. of Forecastle	2.14
Do. of Houses on Deck	
Do. of access of Hatchways	
Do. above Crown of	
Engine Room ..	
Less Tonnage	212.54
Less Crew Space	
ss above Crown of	
Engine Room ..	
TONNAGE FOR FEES..	212.54
ss Engine Room	108.03
ss Navigation Spaces	3.00
Register Tonnage	101.51
as cut on Beam ..	

"MARLBOROUGH."

ONE OR TWO DECKED VESSEL.

CLASS * 100 A1 "Steam Trawler."
FEET.

Half Breadth (moulded)	10.70
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	12.68
Girth of Half Midship Frame (as per Rule)	18.83
1st Number	42.21
Length on deck from after part of stem to fore part of stern post	113.45
2nd Number	4801
Proportions—Breadths to Length	5.31
Depths to Length—Main Deck to top of Keel	8.97
Destined Voyage <i>Fishing</i>	If Surveyed when

Master ✓

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

Built at Selby

When built 1907 Launched 29th June

By whom built Cochrane & Sons.

Owners Queen Steam Fishing Co Ltd.

Managers.

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

Residence Grimsby

Port belonging to Grimsby.

Building, Afloat, ^{and} or in Dry Dock Yes

LENGTH on Deck as per Rule.....	Feet. 113	Inches. 9	BREADTH— Moulded.....	Feet. 21	Inches. 4 ³ / ₄	DEPTH, ACTUAL— Top of Floors to top of Main Deck Beams	Feet. 11	Inches. 6	No. of Decks with Flat and No. of Tiers of Beams	One One
Dimensions of Ship per Register, Length, 115-0 breadth, 21-45 depth, 11-42. Moulded Depth, 12 ft. 3 ins. Round of Beam, Actual 7 ins.										

FRAMING.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	FORGINGS AND CASTINGS.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, 7 ¹ / ₂ or 1 ¹ / ₂ Bars, for $\frac{1}{2}$ length amidships	4	3	7	4	3	7	KEEL, Bar or Side Plates depth and thickness	$4\frac{1}{2} \times 1\frac{3}{4}$	$4\frac{1}{2} \times 1\frac{3}{4}$	$4\frac{1}{2} \times 1\frac{3}{4}$	$4\frac{1}{2} \times 1\frac{3}{4}$
Do. for $\frac{1}{2}$ at each end							STEM, moulding and thickness	$7\frac{1}{2} \times 1\frac{3}{4}$	$7\frac{1}{2} \times 1\frac{3}{4}$	$7\frac{1}{2} \times 1\frac{3}{4}$	$7\frac{1}{2} \times 1\frac{3}{4}$
Do. in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	$4\frac{1}{2} \times 2\frac{1}{4}$	$4\frac{1}{2} \times 2\frac{1}{4}$	$4\frac{1}{2} \times 2\frac{1}{4}$	$4\frac{1}{2} \times 2\frac{1}{4}$
" " at intermdt. Bkts.							" for Propeller	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
Spacing of Frames from centre to centre	20			20			MAIN PIECE of Rudder, diameter at head	$3\frac{1}{2} \times 3$	$4\frac{1}{2} \times 3$	$4\frac{1}{2} \times 3$	$4\frac{1}{2} \times 3$
REVERSED FRAME, Angles	2 $\frac{1}{2}$	2 $\frac{1}{2}$	4	2 $\frac{1}{2}$	2 $\frac{1}{2}$	4	RUDDER, how constructed	Forged iron frame, 2 plates			
DEEP FRAMING, depth of girder	4			4			Can the Rudder be unshipped afloat?	Yes			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16	6	16	6	6	6	KEELSONS AND STRINGERS.				
" in way of Engines and Boilers		8		8		8	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate	20	5	20	5
" thickness at the ends of vessel		6		6		6	" Rider Plate				
" depth at $\frac{1}{2}$ the half breadth, as per Rule	Straight across						" Bulb Plate to Intercostal Keelson				
" height extended at the Bilges	in plan						" Horizontal Plates on Floors				
FLOORS & BRACKETS, in Cell Dble Bottoms							" Angles	4	4	5	4
" " state if flanged (top & bottom)							SIDE KEELSON, Angles				
" " Spacing							" Bulb or Plate above floors for lng.				
CENTRE GIRDER, in Double Bottom, depth and thickness							" Intercostal Plate for length				
" " Angles, Top							" Attached to outside plating with Angle				
" " Bottom							BILGE KEELSON, Angles	3	3	6	3
SIDE GIRDERS, number on each side & thickness							" Bulb or Plate above floors for lng.				
" " state if flanged (top & bottom)							" Intercostal 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							" Intercostal 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	3
" " thickness in Engine and Boiler space							" Bulb or Intercostal 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	10	5	3	10	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50	5
" Angles on Upper Edge							" Angle on ditto	3 x 3	6	3 x 3	6
" Spacing	40			40			" Tie Plates, outside Hatchways	8	6	8	6
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	3	3	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	5	3	10	5	3	10	" Tie Plates				
" Angles on Upper Edge							" Deck, Material and thickness				
" Spacing	40			40			Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness				
PILLARS, In 'tween Decks, Size and Spacing							" Angle on ditto				
" " Hold	2 $\frac{1}{2}$	As arranged					" 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	3 x 3	6	3 x 3	6
" " Brdth. & Thickness							" Tie Plates				
" " No. of Side Stringers "							" Deck, Material and thickness				
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							STIFFENERS.				
WEB FRAMES, In After Body, No. and Spacing							BULKHEADS.		Vertical.		Single or Double Frames.
" " Brdth. & Thickness							Number.	Thickness.	Horizontal.	Vertical.	Height
" " No. of Side Stringers "							In Vessel.	Per Rule.	Size.	Spacing.	Inches.
WEB FRAMES, In E. & B. Space, No. & Spacing							16ths or 20ths.	Inches.	Inches.	Inches.	Inches.
" " Brdth. & Thickness											
WEB FRAMES, In After Body, No. and Spacing							W.T. BULKHEADS	4	4	5	3 x 2 1/2 x 6
" " Brdth. & Thickness							PARTITION				48
" " No. of Side Stringers "							LONGITUDINAL,,				20
" " Size of Angles or Tee Bars to Web Frames							Are the outside Plates doubled two spaces of Frames in length?				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							Are the Sluice Valves and Watertight Doors in efficient working order?				

PLATING.

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		RIVETING.											
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		EDGES.		BUTTS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.
FLAT PLATE KEEL (If Bar Keel, state Riveting) GARBOARD OR A STRAKE	32	8	7	7	32	8	32	8	1	5	1	5	2	25	9	9		
State actual thickness in way of Double Bottom.																		
B		7	6	6	7	7												
C		7	6	6	7	7												
D		7	6	6	7	7												
E		7	6	6	7	7												
F		7	6	6	7	7												
G	36	8	6	6	36	8												
H																		
J																		
K																		
L																		
M																		
N																		
O																		
P																		
DOUBLING of Flat Plate Keel of Bilges																		
Length and thickness of Sheerstrakes																		
Length and thickness of Strake below																		
POOP SIDES		8		6														
RAISED QUARTER DECK SIDES																		
BRIDGE SIDES																		
FORECASTLE SIDES																		
LENGTHS OF PLATING	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, Consett, Dorman Long, Sunderland.

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 from *across top of floors* state if ordinary or joggled *Ordinary*

MASTS, SPARS, &c.

	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS...	Fore	Pine	45-0	14							
	Main										
	Mizen	Steel	35-0	12							
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails											

Sails and the following spare sails *Sails*

Equipment No. *Letter* *Tonnage U.D.K. or Plating No. for Trawlers 4801*

ANCHORS.

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.	qrs.	lbs.	Cwts.	qrs.	lbs.							
31992	1st Bower	5	0	7	1	1	5	7	7	2	0	5	0	0	Rodgers	Yellow Pine L.P.H. 10-7-07. Penins
31993	2nd "	4	2	7	1	0	21	6	17	2	0	4	2	0	"	" " " " 4-7-07. "
31994	3rd "	2	2	0	-	2	14	5	0	0	0	2	2	0	"	" " " " 4-7-07. "
	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.								
32494	905 1	18 27	45-3	18	45-3	18	90 1	Steel	Yellow Pine L.P.H. 10-7-07			
	Duplicate Certificate											

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.
32494	905 1	18 27	45-3	18	45-3	18	90 1	Steel	Yellow Pine L.P.H. 10-7-07	
	Duplicate Certificate									

Boats *One*

Pumps, Number *Three* Diameter of Barrel *6* State whether they are in efficient working order *Yes*

Windlass is by *Cochrane & Sons* Capstan *✓*

Engine Room Skylights—How constructed? *Iron*

What arrangements for deadlights in bad weather? *Leads flaps and bullseyes*

Coal Bunker Openings—How constructed? *Cast iron rings* How are lids secured? *Ball and socket* Height above deck? *12" and 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 Hatchways—How formed? *Plated and angled* Hatches—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *6-4 x 3-4* No. 2 Hatch *3-4 x 3-4* No. 3 Hatch *3-4 x 3-4* No. 4 Hatch *2-0 x 3-4*

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

No. of Breasthooks *Four* No. of Crutches *One*

Bulwarks, height above deck and description *3-6" x 5"* Main Rail and Stays, material and size *6-2 x 3-2 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) 12-4-07

(E) 20-6-07

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)? *Yes* 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 date, and in general conformity to the Rules for the class contemplated

Accompanying this Report: Plans of Midship Section, Profile and Deck plan, Pumping Arrangements, and Report on Ship's 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 *60-25* 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) *12K*

Official No. *✓*; Signal Letters *✓* State if Machinery is fitted aft *Yes*How are the surfaces preserved from oxidation? Inside *Portland Cement & 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, <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 <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 <i>✓</i>		

Order for Special Survey No. *1688*
 Date *30/4/07*
 No. *414* in builder's yard
 DATES OF SURVEYS held while building
1907: April 16, 19, 23, 25, 30 May 3, 7, 13, 17, 22, 29 June 4, 11, 14, 20, 25, 27 July 4, 9, 17, 30, 31 Aug 15, 21, 27 Sep 5, 12, 16, 25, 26, 27 Oct 9, 16, 17
 Total No. of Visits *34*

The amount of Entry Fee £ *2* : : : *26/10/1907*Special £ *10* : *13* : - *29/10/1907*Traveling Expenses, if any £ *14* : *7* : - *29/10/1907*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*

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

Committee's Minute

Character assigned

FRI. 1 NOV 1907

100A1

Steam Trawler

Lloyd's & Co. P.

+ Lmb 1007