

and R.Q.Dk.
1st 2 Dks. R.Q.Dk.
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 19397
MON. 16 SEP 1907

State if Report is also sent on the Machinery of the Vessel *Yes*
Date of completion of Report *14th Sept. 1907*
Date, First Survey *14th March 1907*

Port of *Hull*
Last Survey *29th Aug. 1907*
Rig *Ketch*

Survey held at *Billy*
On the *Steamer "SOUTHWARD"*

TONNAGE under Tonnage Deck... 201.82
Do. of Poop
Do. of Raised Or. Dk. or Break... 13.19
Do. of Bridge House
Do. of Forecastle... 6.77
Do. of Houses on Deck... 3.59
Do. of excess of Hatchways
Do. above Crown of Engine Room...
Gross Tonnage 225.37
Less Crew Space
Less above Crown of Engine Room...
Tonnage for Fees... 225.37
Engine Room... 100.98
Navigation Spaces... 3.00
Master Tonnage cut on Beam... 121.39

ONE OR TWO DECKED VESSEL.
CLASS *100A1 Steam Sailing.*
Half Breadth (moulded) 10.95
Depth from upper part of Keel to top of Main Deck Bms. 12.40
Girth of Half Midship Frame (as per Rule) 19.16
1st Number 42.81
Length on deck from after part of stem to fore part of stern post 118.93
2nd Number 5087
Proportions—Breadths to Length 5.4
Depths to Length—Main Deck to top of Keel 9.3

Master *✓*
Year of appointment (1) As master in service of owner of present vessel:—19
(2) As master of this vessel:—19
Built at *Billy*
When built *1907* Launched *25th May*
By whom built *Cochrane & Sons*
Owners *The Forward Steam Fishing Co. Ltd.*
Managers (Where necessary to be entered in Reg. Book.)
Residence *Grimsby*
Port belonging to *Grimsby*

Destined Voyage *Fishing* 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*
Top of Floors to top of Main Deck Beams 11 6
No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, 20-0 breadth, 22-0 depth, 11-47 Moulded Depth, 12 ft. 3 ins. Round of Beam, Actual 7 ins.

FRAMING.				FORGINGS AND CASTINGS.			
NAME, Angles, Bars, for 1/2 length amidships	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	NAME, Bar on Side Plates depth and thickness	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.
Do. for 1/2 at each end	4	3	5/20	STEM, moulding and thickness	7 1/2 x 1 5/8	7 1/2 x 1 5/8	7 1/2 x 1 5/8
Do. in way of Double Bottoms at Solid Floors				STERN-POST for Rudder do. do.	6 1/2 x 2 1/2	6 1/2 x 2 1/2	6 1/2 x 2 1/2
Do. in way of Double Bottoms at intermdt. Bkts.				" for Propeller	4 1/2	4 1/2	4 1/2
Spacing of Frames from centre to centre	20	20	5/20	MAIN PIECE of Rudder, diameter at head, do. at heel	2 3/4 x 2 1/2	2 3/4 x 2 1/2	2 3/4 x 2 1/2
REVERSED FRAME, Angles	2 1/2	2 1/2	5/20	RUDDER, how constructed <i>Forged iron frame 2 plates</i>			
DEEP FRAMING, depth of girder	4	4	5/16	Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16	16	5/16	KEELSONS AND STRINGERS.			
" in way of Engines and Boilers				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7 1/2	7 1/2	7
" thickness at the ends of vessel				" Rider Plate			
" depth at 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	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 (One)	5	4	5/20
DE GIRDERS, number on each side & thickness state if flanged (top & bottom)				" Bulb or Plate above floors for lng.			
" Angles				" Intercoastal Plate for length			
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 length			
" Height of Floors at the Bilges				" Intercoastal Plate for length			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Attached to outside plating with Angle			
" thickness in Engine and Boiler space				SIDE STRINGER Angles (One)	5	4	5/20
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	5/16	" Bulb or Intercoastal Plate for lng.			
" Angles on Upper Edge				" Attached to outside plating with Angle			
" Spacing	40	40		Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Angle on ditto	3 x 3	6	3 x 3
" Angles on Upper Edge				" Tie Plates, outside Hatchways	8	6	8
" Spacing				" Diagonal Tie Plates on Bms., No. of Pairs			
BEAMS, Hold, Plate or Tee Bulb				" Main Dk* Iron or Steel for lng.			
" Angles on Upper Edge				" R. Q. Dk* Iron or Steel for lng.		3/20	3/20
" Spacing				" Wood Deck, Material & thickness P.Pine	3	3	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				Lower Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge				" Angles on ditto, No.			
" Spacing				" Tie Plates, outside Hatchways			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb				" Deck* Material and thickness			
" Angles on Upper Edge				Hold Stringer Plate			
" Spacing				" Angles on ditto, No.			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	5/16	Poop Deck Stringer Plate, breadth & thickness			
" Angles on Upper Edge				" Angle on ditto			
" Spacing	40	40		" Tie Plates			
PILLARS, In 'tween Decks, Size and Spacing				" Deck, Material and thickness			
" Hold	2 1/2	As arranged		Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness			
" Quarter, 'tween Dks., "				" Angle on ditto			
" in Hold				" Tie Plates			
WEB FRAMES, In Fore Body, No. and Spacing				" Deck, Material and thickness			
" No. of Side Stringers				Forecastle Deck Stringer Plate, brdth & thcknss			
WEB FRAMES, In E. & B. Space, No. & Spacing				" Angle on ditto	3 x 3	5	3 x 3
" Brdth. & Thickness				" Tie Plates		5	5
WEB FRAMES, In After Body, No. and Spacing				" Deck, Material and thickness P.Pine	3	3	
" Brdth. & Thickness				* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.			
" No. of Side Stringers				BULKHEADS.			
" Size of Angles or Tee Bars to Web Frames				In Vessel. Per Rule. Thickness.			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				Horizontal. Vertical. Single or Double Frames. Height up.			

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		BUTTS.		BUTTS.		BUTTS.				
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	STRAPS.	IF LAPPED.	IF LAPPED.	IF LAPPED.				
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32	6	6	32	7	Double	4 1/2	3/8	1 1/2	2 1/2	2 1/2	9 1/2	9						
GARBOARD OF A STRAKE																			
B " "	7	6	6	7															
C " "	7	6	6	7															
D " "	7	6	6	7															
E " "	7	6	6	7															
F " "	7	6	6	7															
G " "	36	8	6	36	8								9						
H " "																			
J " "																			
K " "																			
L " "																			
M " "																			
N " "																			
O " "																			
P " "																			
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	8		6																
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	Seven frame spaces.																		
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. Renth Durham & Co. Ltd. Jarrow-on-Tyne, Consett.																			
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. (single angle frame.) state if ordinary or joggled. Ordinary.																			
MASTS, SPARS, &c.																			
LOWER MASTS: Fore P.P. 48.6, Main 29.0, Mizzen 12. Material: P.P. 48.6, Main 29.0, Mizzen 12. Diameter and Thickness: At Partners, Heel, Hounds, Head. No. of Plates in round. ANGLES: Number, Size. RIVETING: Seams, Butts.																			
Bowsprit: Fore P.P. 48.6, Main 29.0, Mizzen 12. Material: P.P. 48.6, Main 29.0, Mizzen 12. Diameter and Thickness: At Partners, Heel, Hounds, Head. No. of Plates in round. ANGLES: Number, Size. RIVETING: Seams, Butts.																			
Topmasts, Yards and Remainder of Spars: P.P. 48.6, Main 29.0, Mizzen 12. Material: P.P. 48.6, Main 29.0, Mizzen 12. Diameter and Thickness: At Partners, Heel, Hounds, Head. No. of Plates in round. ANGLES: Number, Size. RIVETING: Seams, Butts.																			
Rigging, Material and Size, Shrouds, Stays, Sails: On. Suit of Sails and the following spare sails.																			
Equipment No. Letter. Tonnage U.D.K. or Plating No. for Trawlers 5087.																			
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.																			
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.																			
HAWERS AND WARPS: 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.																			
Boats: On. Pumps, Number, Diameter of Barrel, State whether they are in efficient working order. Yes. Windlass is by Cochran & Sons. Capstan. Engine Room Skylights: How constructed? Truss. What arrangements for deadlights in bad weather? Truss. Coal Bunker Openings: How constructed? Truss. Height above deck? 9' and flush. Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, 6 Scuppers, 4 freeing ports 15" 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) 5'-4" 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 2. No. of Crutches 1. Bulwarks, height above deck and description 3'-6" x 6'-5". Main Rail and Stays, material and size 1/2" x 3/4" steel B.A. The above is a correct description. Builder's Signature (three only) Bochnan & 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 25-1-07)

(2) 9-4-07.

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 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)? ✓ 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 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, 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 66.0 ft., Bridge Dk. ✓ ft., Forecastle 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) 1 Dk

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,	✓	
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. 1168

Date 4/2/07

No. 402 in builder's yard.

DATES of Surveys held while building

1907, Mar. 14, 22, 27, Apr. 9, 12, 16, 19, 23, 25, 30, May, 3, 7, 13, 17, 22, 29, June 4, 11, 14, 20, 25, 27, July 4, 9, 17, 25, Aug. 15, 17, 22, 24, 29.

Total No. of Visits 31

The amount of Entry Fee £ 2 : 0 : 0

Special £ 11 : 5 : 0

Travelling Expenses, if any £ - : 11 : 2

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed 100A1, Ocean Trawler.

With, or without Freeboard, as condition of Class Without.

Fees applied for, 19

Received by me, 17/9/07

Certificate to be sent to Hull

Committee's Minute

Character assigned

100A1 (Hull)

Hull Trawler

Lloyd's at 8.07

T.M.C. 8.07

T.M.C. 8.07

T.M.C. 8.07

T.M.C. 8.07

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T.M.C. 8.07

T.M.C. 8.07