

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

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

Date of completion of report *4th March 1911.*

Survey held at *Sally.*

Port of *Hull*

Date, First Survey *Nov. 9th*

Last Survey *Feb. 25th*

No. *23447*

1911

On the *Steam Trawler "BERU."*

Rig *Ketch*

TONNAGE under Tonnage Deck... *191.55*

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk. *12.03*

Do. of Bridge House

Do. of Forecastle *1.46*

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage *195.07*

Less Crew Space

Less above Crown of

Engine Room

Navigation Spaces *3.00*

Net Tonnage *84.07*

Length on Deck

as per Rule

Feet. *115*

Inches. *0*

BREADTH—

Moulded

Feet. *21*

Inches. *4 1/2*

DEPTH, ACTUAL—

Top of Floors to top of Upper Dk. Beams

Feet. *11*

Inches. *6*

No. of Decks with flat laid

No. of Tiers of Beams

Dimensions of Ship per Register, Length *115.3* breadth *21.5* depth *11.5*

Moulded depth, ft. *12* ins. *3*

To Bridge Dk. Round of Upper

To Upper Dk. Dk. Beam, Actual

ins.

FRAMING.

FRAME, Angles, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

acing of Frames from centre to centre amidships

" " length to Collision bulkhead

" " in peaks

EVERSED FRAME, Angles

Do. in way of Double Bottoms at Solid Floors

" " at intermdt. Bkts.

RAMING, depth of girder

LOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

" in way of Engine and Boiler Spaces

" thickness at the ends of vessel

" depth at 3/4 the half breadth, as per Rule

" height extended at the Bilges

LOORS & BRACKETS in Cell Dble Bottoms

" state if flanged (top & bottom)

" Spacing

ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.

" Angles, Top

" Bottom

" to Floors

IDE GIRDERS, number on each side & thickness

" state if flanged (top and bottom)

" Angles (top and bottom)

" to Floors

MARGIN PLATE, depth (exclusive of flange)

and thickness

" Angles to Outside Plating

" Floors

" Height of Brackets above at bilge

NNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

" in Engine and Boiler space

" Remainder in Holds

BEAMS, Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" In way of Long Bridge

" Spacing

BEAMS, Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" Spacing

BEAMS, Third and Fourth Deck, Single Angle,

Bulb Angle, Plate, Tee Bulb, or Channel

" Angles on upper edge

" Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

" Angles on upper edge

" Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,

Tee Bulb, or Channel

" Angles on upper edge

" Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate, Tee Bulb, or Channel

" Angles on upper edge

" Spacing

Form No. 1A.—1m.1.10.T.

CLASS *100AL* Steam Trawler

Breadth (greatest moulded) *21.37*

Depth, at middle of length from top of keel to top of upper deck beams at side *12.25*

Transverse Number *33.62*

Length on deck from fore part of stem to after part of stern post *115.00*

Longitudinal Number *3866*

Depth "d" at middle of length (See Secs. 2 & 13) *10.92*

Proportions—Depths to Length—Upper Deck Beam at side to top of keel *9.35*

" " Long Bridge Deck Beam at side to top of keel

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, or in Dry Dock

Master *J. Grant*

Year of appointment (1) As Master in service of owner of present vessel:—191 (2) As Master of this vessel:—191

Built at *Sally*

When built *1911* Launched *2nd February*

By whom built *Cochran & Sons*

Owners *Baker & Grant*

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

Residence *Grimsby*

Port belonging to *Grimsby*

PILLARS.

PILLARS, In 'tween Deck, size and spacing

" " Hold

" " Quarter 'tween Dks.,

" " in Hold

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Floors, Through Plate, or Intercoastal Plate

" Rider Plate

" Flat Plate Keel Angles

" Horizontal Plates on Floors

" Angles or Bulb Angles

SIDE KEELSONS, Number

" Angles or Bulb Angles

" Plate above floors, for length

" Intercoastal Plate, for length

" Attached to outside Plating with Angle

BILGE KEELSON, Angles (Om.)

" Intercoastal Plate for length

" Attached to outside Plating with Angle

SIDE STRINGERS, Number

" Angle (Om.)

" Intercoastal Plate, for length

" Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness

(clear of Bridge)

" " " " br'dth & thickness

(in way of Bridge)

" " " " Angle (clear of Bridge)

" " Tie Plate at sides of Hatchways

Deck. * Iron or Steel, for length

" " Thickness (clear of Bridge)

" " (in way of Bridge)

" Wood Deck. Material & thcknss *P.Pine*

Second Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck. * Iron or Steel, for lng.

" Wood Deck. Material & thickness

Third Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates, outside Hatchways

" Deck. * Material and thickness

Fourth and Fifth Deck Stringer Plate, breadth & thickness

" Angles on ditto, No.

" " Tie Plates outside Hatchways

" " Deck. Material & thickness

Poop Deck Stringer Plate, breadth & thickness

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

Forecastle Deck Stringer Plate, b'dth & th'kns

" Angle on ditto

" Tie Plates

" Deck. Material and thickness *P.Pine*

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

W1390-0032 1/2

WEB FRAMES.				FORGINGS or CASTINGS.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
" " " brdth. & thickness				STEM, moulding and thickness			
" " " No. of Side Stringers " "				STERN-POST for Rudder do. do.			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " for Propeller			
" " " brdth. & thickness				RUDDER-A x D" Table 22. Speed			
" " " brdth. & thickness				" Main-Piece, diameter at head			
" " " No. of Side Stringers " "				" " " at heel			
" " " Size of Face Angles to Web-Frames							
BRACKET PLATES to Stringers between							
Web Frames, depth and thickness							
BULKHEADS.				RUDDER, how constructed			
W.T. BULKHEADS				" Thickness of Plates or Single Plate			
COLLISION " PARTITION " LONGITUDINAL "				Can the Rudder be unshipped afloat?			
Are the outside Plates doubled two spaces of Frames in length?				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, Plating, &c.?			
Are the Sluice Valves and Watertight Doors in efficient working order?				Has the Steel been tested as required by the Rules?			
PLATING.				RIVETING.			
STRAKES.				BUTTS.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
AMIDSHIP.				AMIDSHIP.			
Breadth. Thickness. Thickness. Thickness.				Breadth. Thickness. Thickness. Thickness.			
Inches. Inches. Inches. Inches.				Inches. Inches. Inches. Inches.			
FLAT PLATE KEEL.....				Lower EDGES, ordinary or joggled?			
GARBOARD OR A Strake				Ordinary			
B "				Double 4 1/2 2 1/4 3 3/4			
C "				" " " " " " " "			
D "				" " " " " " " "			
E "				" " " " " " " "			
F "				" " " " " " " "			
G "				" " " " " " " "			
H "				" " " " " " " "			
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P "				" " " " " " " "			
Q "				" " " " " " " "			
R "				" " " " " " " "			
S "				" " " " " " " "			
T "				" " " " " " " "			
U "				" " " " " " " "			
V "				" " " " " " " "			
W "				" " " " " " " "			
THICKNESS OF SHEERSTRAKE				" " " " " " " "			
CLEAR OF LONG BRIDGE				" " " " " " " "			
DO. OF STRAKE BELOW				" " " " " " " "			
DBLG. of Flat Plate Keel				" " " " " " " "			
" Sheerstrakes				" " " " " " " "			
Length and thickness				" " " " " " " "			
POOP SIDES				" " " " " " " "			
SHORT BRIDGE SIDES				" " " " " " " "			
FORECASTLE SIDES				" " " " " " " "			
Upper Deck Butts, riveted for full length amidship.				Butts of Side Stringers riveted.			
Stringer Plate Straps, single, double or overlapped for full length amidship.				" Tie Plates riveted.			
Second Deck Butts, riveted for full length amidship.				Inner Bottom Plating, riveting of Edges Butts			
Stringer Plate Straps, single or overlapped for full length amidship.				Centre Girder Butts, riveted Keelson Butts, riveted.			
				Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.			
				Rivets, state whether Iron or Steel Iron			
FRAMES extend in one length from keel to deck.				State if ordinary or joggled Ordinary			
REVERSED FRAMES on floors and frames extend from across top of floors. (Single angle frames)				State if ordinary or joggled Ordinary			
MASTS, SPARS, &c.							
Material. Total Length.				DIAMETER AND THICKNESS.			
At Partners. Heel. Hounds. Head.				No. of Plates in round.			
LOWER MASTS.....				ANGLES.			
Fore P.Pine 45-0 14				Number. Size. Seams. Butts.			
Main " 32-0 12							
Mizen " 32-0 12							
Bowsprit							
Topmasts, Yards and Remainder of Spars Pitch pine							
Rigging, Material and Size, Shrouds 3/4 in. wire				Stays 3/4 in. wire			
Sails. On				Sails, and the following spare sails			

EQUIPMENT No.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS 3816			
Number of Certificate.				Description of Anchor.				Where and when tested and Superintendent.			
4492 1st Bower				Rodgers				James Lloyd			
4493 2nd "				"				"			
7894 3rd "				"				"			
4th "				"				"			
Collective weight				"				"			
Stream				"				"			
Kedge				"				"			
CHAIN CABLES.				HAWERS AND WARPS.							
Number of Certificate.				Description.				Material.			
Length and size supplied.				Length and size supplied.				Length and size supplied.			
Fathoms. Ins.				Fathoms. Ins.				Fathoms. Ins.			
5410 902 1 19 27 47-11 45-3-17 90 1 Sink. James Lloyd				TOWLINE				HAWERS AND WARPS			
Iron Stream Chain or Steel Wire				Cir.				Cir.			
Boats One				Steering Gear, Steam				Steering Gear, Hand			
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? Deck				What arrangements for deadlights in bad weather? Deck flaps and lullies				Height above deck? 15" 9 flaps			
Coal Bunker Openings.—How constructed? Deck				How are lids secured? Battened down and secured				Height above deck? 15" 9 flaps			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 5 Scuppers, 4 freeing ports 15" x 9"				Cargo Battens, thickness and material				Hatches, If strong and efficient? Yes.			
Ceiling in Holds, thickness and material 2" pine				No. 1 Hatch (Forward) 5-4 x 3-4 No. 2 Hatch 3-4 x 3-4 No. 3 Hatch No. 4 Hatch							
Cargo Hatchways.—How formed? Deck and angles				State size No. 1 Hatch (Forward) 5-4 x 3-4 No. 2 Hatch 3-4 x 3-4 No. 3 Hatch No. 4 Hatch							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				No. of Breasthooks Four No. of Crutches 14 Deep floors							
Bulwarks, height above deck and description 3-6 x 5-6				Main Rail, material and size 1/2 x 3/4" Steel R.A.							
The foregoing is a correct description.				Builder's Signature (here only) Cochrane & Sons				Surveyor's Signature Allison B. Wilson			
Builder's Signature (here only)				Surveyor's Signature				Surveyor to Lloyd's Register of British and Foreign Shipping.			
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) (M) 15-9-10. (E) 5-10-10.											
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. 26, par. 20)? Trawler State results of tests											
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? 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 letter of the above date 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 forgings, Plan of pumping arrangements.											
The Surveyor should state the Number of Report and Name of any Sister Vessel.											
The amount of Entry Fee £ 1 : 0 : 0											
Special Survey Fee £ 9 : 15 : 0											
Travelling Expenses, &c. £ - : 15 : 10											
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 ERL 10 MAR 1911											
Character assigned 100A1											
Lloyd's Register of British and Foreign Shipping.											
Lloyd's Register of British and Foreign Shipping.											

GENERAL REMARKS—(continued).

Rpt. 4.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 61.0 ft., Bridge ✓ ft., Forecastle 18.7 ft.
(in feet and tenths). When the Poop 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 should appear in the Register Book) 1 Dk.

Official No. 132096; 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. 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 of double bottom ✓			(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. 1851
Date 26-9-10
No. 448 in builder's yard.
Dates of Surveys held while building 1910: - Nov 9. 15. 24. Dec 8. 21. 29. 1911: - Jan 6. 10. 20. 31. Feb 8. 10. 20. 25.

Surveyor's Signature

Allison B. Wilson
Register Foundation
Total No. of Visits 14