

1 or 2 Dks., R.Q.Dk.,

and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 19631

State if Report is also sent on the Machinery of the Vessel *yes*Received at London On **WED. 4 DEC 1907**Date of completion of Report *29th November 1907*Port of *Hull*Date, First Survey *May 29th*Last Survey *Nov 26th 1907*Rig *Ketch*Survey held at *Selly*On the *Steam Sander***"BUCENTAUR."**

ONE OR TWO DECKED VESSEL.

CLASS *100A1* *Steam Sander*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 *1907*Launched *11th September*By whom built *Messrs Cochran & Sons*Owners *Consolidated Steam Fishing & Ice Co. Ltd.*

Managers

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

Residence *Chimsley*Port belonging to *Chimsley*If Surveyed while Building, Afloat, or in Dry Dock *Yes*Destined Voyage *Fishing*

TONNAGE under Tonnage Deck...
Do. of Poop...
Do. of Raised Deck...
Do. of Break...
Do. of Bridge House...
Do. of Forecastle...
Do. of Houses on Deck...
Do. of excess of Hatchways...
Do. above Crown of Engine Room...
Gross Tonnage...
Less Crew Space...
Less above Crown of Engine Room...
Tonnage for Fees...
Engine Room...
Navigation Spaces...
Register Tonnage...
as cut on Beam...

Half Breadth (moulded) 10.40
Depth from upper part of Keel to top of Main Deck Bms. 12.43
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 18.58
1st Number 41.71
Length on deck from after part of stem to fore part of stern post 103.87
2nd Number 4332
Proportions—Breadths to Length 4.85
Depths to Length—Main Deck to top of Keel 8.35

LENGTH on Deck as per Rule 103 Feet. 10 1/2 Inches. BREADTH—Moulded 21 Feet. 4 3/4 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 11 Feet. 2 Inches. No. of Decks with Flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length, 105-0 breadth, 21-5 depth, 11-17 Moulded Depth, 12 ft. 0 ins. Round of Beam, Actual 6 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	16ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, <i>7-E or 6</i> Base, for 1/2 length amidships	4	3	8	4	3	8	4
Do. for 1/2 at each end	✓	✓	✓	✓	✓	✓	✓
Do. in way of Double Bottoms at Solid Floors..	✓	✓	✓	✓	✓	✓	✓
at intermdt. Bkts.	✓	✓	✓	✓	✓	✓	✓
Spacing of "Frames from centre to centre	21	✓	✓	21	✓	✓	✓
REVERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4	4
DEEP FRAMING, depth of girder	4	✓	✓	4	✓	✓	✓
FLOORS, depth and thickness of Floor Plate) at mid-line for 1/2 length amidships	16	✓	✓	16	✓	✓	✓
" in way of Engines and Boilers	✓	✓	✓	✓	✓	✓	✓
" thickness at the ends of vessel	✓	✓	✓	✓	✓	✓	✓
" depth at 1/2 the half breadth, as per Rule	✓	✓	✓	✓	✓	✓	✓
" height extended at the Bilges	✓	✓	✓	✓	✓	✓	✓
FLOORS & BRACKETS, in Cell Dble Bottoms	✓	✓	✓	✓	✓	✓	✓
" state if flanged (top & bottom)	✓	✓	✓	✓	✓	✓	✓
Spacing	✓	✓	✓	✓	✓	✓	✓
CENTRE GIRDER, in Double Bottom, depth and thickness	✓	✓	✓	✓	✓	✓	✓
" Angles, Top	✓	✓	✓	✓	✓	✓	✓
" Bottom	✓	✓	✓	✓	✓	✓	✓
SIDE GIRDERS, number on each side & thickness	✓	✓	✓	✓	✓	✓	✓
" state if flanged (top & bottom)	✓	✓	✓	✓	✓	✓	✓
" Angles	✓	✓	✓	✓	✓	✓	✓
MARGIN PLATE, depth (exclusive of flange) and thickness	✓	✓	✓	✓	✓	✓	✓
" Angles to Outside Plating	✓	✓	✓	✓	✓	✓	✓
" Floors	✓	✓	✓	✓	✓	✓	✓
" Height of Floors at the Bilges	✓	✓	✓	✓	✓	✓	✓
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓	✓	✓	✓	✓	✓	✓
" thickness in Engine and Boiler space	✓	✓	✓	✓	✓	✓	✓
" Remainder in Holds	✓	✓	✓	✓	✓	✓	✓
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8	8
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	42	✓	✓	42	✓	✓	✓
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	✓
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	✓	✓	✓	✓	✓	✓	✓
BEAMS, Hold, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	✓
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	✓	✓	✓	✓	✓	✓	✓
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	✓
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	✓	✓	✓	✓	✓	✓	✓
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	✓	✓	✓	✓	✓	✓	✓
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	✓	✓	✓	✓	✓	✓	✓
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8	8
" Angles on Upper Edge	✓	✓	✓	✓	✓	✓	✓
" Spacing	42	✓	✓	42	✓	✓	✓
PILLARS, In 'tween Decks, Size and Spacing	✓	✓	✓	✓	✓	✓	✓
" Hold	2 1/2	✓	✓	As arranged	✓	✓	✓
" Quarter, 'tween Dks.,	✓	✓	✓	✓	✓	✓	✓
" in Hold	✓	✓	✓	✓	✓	✓	✓
WEB FRAMES, In Fore Body, No. and Spacing	✓	✓	✓	✓	✓	✓	✓
" Brdth. & Thickness	✓	✓	✓	✓	✓	✓	✓
" No. of Side Stringers	✓	✓	✓	✓	✓	✓	✓
WEB FRAMES, In E. & B. Space, No. & Spacing	✓	✓	✓	✓	✓	✓	✓
" Brdth. & Thickness	✓	✓	✓	✓	✓	✓	✓
WEB FRAMES, In After Body, No. and Spacing	✓	✓	✓	✓	✓	✓	✓
" Brdth. & Thickness	✓	✓	✓	✓	✓	✓	✓
" No. of Side Stringers	✓	✓	✓	✓	✓	✓	✓
" Size of Angles or Tee Bars to Web Frames	✓	✓	✓	✓	✓	✓	✓
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	✓	✓	✓	✓	✓	✓	✓

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	16ths in Ship.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates depth and thickness	7 1/2 x 1 1/4	✓	✓	7 1/2 x 1 1/4	✓	✓	✓
STEM, moulding and thickness. (Buller plate)	7 1/2 x 1 1/4	✓	✓	7 1/2 x 1 1/4	✓	✓	✓
STERN-POST for Rudder do. do.	6 x 2 1/2	✓	✓	6 x 2 1/2	✓	✓	✓
" for Propeller	4 1/2	✓	✓	4 1/2	✓	✓	✓
MAIN PIECE of Rudder, diameter at head do. at heel	3 1/2 x 3	✓	✓	3 1/2 x 3	✓	✓	✓

RUDDER, how constructed *Forged iron frame, 2 Plates*
Can the Rudder be unshipped afloat? *Yes*

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	16ths in Ship.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	4 1/2	✓	✓	7 1/2	✓	✓	7
" Rider Plate	✓	✓	✓	✓	✓	✓	✓
" Bulb Plate to Intercoastal Keelson	✓	✓	✓	✓	✓	✓	✓
" Horizontal Plates on Floors	✓	✓	✓	✓	✓	✓	✓
" Angles	4	3	7	4	3	7	7
SIDE KEELSON, Angles	✓	✓	✓	✓	✓	✓	✓
" Bulb or Plate above floors for lng.	✓	✓	✓	✓	✓	✓	✓
" Intercoastal Plate for length	✓	✓	✓	✓	✓	✓	✓
" Attached to outside plating with Angle	✓	✓	✓	✓	✓	✓	✓
BILGE KEELSON, Angles. (S.S.)	5	4	8	5	4	8	8
" Bulb or Plate above floors for lng.	✓	✓	✓	✓	✓	✓	✓
" Intercoastal Plate for length	✓	✓	✓	✓	✓	✓	✓
" Attached to outside plating with Angle	✓	✓	✓	✓	✓	✓	✓
BILGE STRINGER Angles	✓	✓	✓	✓	✓	✓	✓
" Bulb Plate for length	✓	✓	✓	✓	✓	✓	✓
" Intercoastal Plate for length	✓	✓	✓	✓	✓	✓	✓
" Attached to outside plating with Angle	✓	✓	✓	✓	✓	✓	✓
SIDE STRINGER Angles. (One)	5	4	8	5	4	8	8
" Bulb or Intercoastal Plate for lng.	✓	✓	✓	✓	✓	✓	✓
" Attached to outside plating with Angle	✓	✓	✓	✓	✓	✓	✓

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50	5
" Angle on ditto	3 x 3	6	3 x 3	6
" Tie Plates, outside Hatchways	8	6	8	6
" Diagonal Tie Plates on Bms., No. of Pairs	✓	✓	✓	✓
" Main Dk* Iron or Steel for lng.	✓	✓	✓	✓
" R. Q. Dk* Iron or Steel for lng.	✓	✓	✓	✓
" Wood Deck, Material & thickness	3	✓	3	✓
Lower Deck Stringer Plate, breadth and thickness	✓	✓	✓	✓
" Angles on ditto, No.	✓	✓	✓	✓
" Tie Plates, outside Hatchways	✓	✓	✓	✓
" Deck* Material and thickness	✓	✓	✓	✓
Hold Stringer Plate	✓	✓	✓	✓
" Angles on ditto, No.	✓	✓	✓	✓
Poop Deck Stringer Plate, breadth & thickness	✓	✓	✓	✓
" Angle on ditto	✓	✓	✓	✓
" Tie Plates	✓	✓	✓	✓
" Deck, Material and thickness	✓	✓	✓	✓
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	✓	✓	✓	✓
" Angle on ditto	✓	✓	✓	✓
" Tie Plates	✓	✓	✓	✓
" Deck, Material and thickness	✓	✓	✓	✓
Forecastle Deck Stringer Plate, brdth & thcknss	5	✓	5	✓
" Angle on ditto	3 x 3	6	3 x 3	6
" Tie Plates	5	✓	5	✓
" Deck, Material and thickness	3	✓	3	✓

BULKHEADS.	Number.		Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.		
W.T. BULKHEADS	3	3	5/20	3 x 2 1/2 x 5/16	48	Plates	Plates
PARTITION	✓	✓	✓	✓	✓	✓	✓
LONGITUDINAL	✓	✓	✓	✓	✓	✓	✓

Are the outside Plates doubled two spaces of Frames in length? *Plates fitted*
Are the Sluice Valves and Watertight Doors in efficient working order? *Working*

PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.		SLOAN EDGES.				BUTTS.				IF LAPPED.					
STRAKES.						Ordinary or Joggled?													
AMIDSHIP.				AFT.		Single or Double.				RIVETS.				For what Length.					
Breadth.				Thickness.		Breadth of Lap.				Diam.				Feet.					
FLAT PLATE KEEL <i>See Keel</i> <i>(If Bar Keel, state Riveting)</i> GARBOARD OF A STRAKE <i>See Keel</i> State actual thickness in way of Double Bottom.										DOUBLE <i>See Keel</i> Length and thickness of Strake below <i>See Keel</i> POOP SIDES <i>See Keel</i> RAISED QUARTER DECK SIDES <i>See Keel</i> BRIDGE SIDES <i>See Keel</i> FORECASTLE SIDES <i>See Keel</i> LENGTHS OF PLATING <i>See Keel</i>									
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. <i>Mild Steel</i> <i>South Durham, Fiddlingham, Corsett.</i>										Main Stringer Plate <i>See Keel</i> Butts of Bilge & Side Stringers, and Tie Plates , treble or double riveted? <i>J & D.</i> Inner Bottom Plating , riveting of Edges <i>See Keel</i> Centre Girder Butts , <i>See Keel</i> Frames , riveted through Plates with <i>See Keel</i> Rivets , state whether of Iron or Steel <i>Iron</i>									
FRAMES extend in one length from <i>keel</i> to <i>gunwale</i> state if ordinary or joggled <i>Ordinary</i> REVERSED FRAMES on floors and frames extend from <i>across top of floor (single angle frame)</i> state if ordinary or joggled <i>Ordinary</i>										MASTS, SPARS, &c. LOWER MASTS <i>See Keel</i> Bowsprit <i>See Keel</i> Topmasts, Vangs and Remainder of Spars <i>Pitch pine</i> Rigging , Material and Size, Shrouds <i>Salv. wire</i> Sails , <i>One</i> Suit of Sails and the following spare sails <i>See Keel</i> Equipment No. <i>See Keel</i> Letter <i>See Keel</i> ANCHORS <i>See Keel</i> Tonnage U.D. or Plating No. for Travellers <i>4332</i>									
CHAIN CABLES. Number of Certificate <i>See Keel</i> Length and size supplied <i>See Keel</i> Test per Certificate <i>See Keel</i> Weight of Chain Cable <i>See Keel</i> Length & Size per Table 22 <i>See Keel</i> Description <i>See Keel</i> Makers of Cables <i>See Keel</i> Where and when tested and Superintendent <i>See Keel</i>										HAWSERS AND WARPS. Number of Certificate <i>See Keel</i> Length and size supplied <i>See Keel</i> Test per Certificate <i>See Keel</i> Weight of Chain Cable <i>See Keel</i> Length & Size per Table 22 <i>See Keel</i> Description <i>See Keel</i> Makers of Cables <i>See Keel</i> Where and when tested and Superintendent <i>See Keel</i>									
Boats <i>See Keel</i> Pumps , Number <i>See Keel</i> Windlass is <i>See Keel</i> Engine Room Skylights —How constructed? <i>See Keel</i> What arrangements for deadlights in bad weather? <i>See Keel</i> Coal Bunker Openings —How constructed? <i>See Keel</i> Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>See Keel</i> Ceiling in Holds , thickness and material <i>See Keel</i> Cargo Hatchways —How formed? <i>See Keel</i> State size No. 1 Hatch (Forward) <i>2' 6" x 2' 10"</i> No. 2 Hatch <i>2' 0" x 2' 10"</i> No. 3 Hatch <i>2' 10" x 2' 10"</i> No. 4 Hatch <i>2' 10" x 2' 10"</i> Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>See Keel</i> Bulwarks , height above deck and description <i>3' 6" x 5' 6"</i> The above is a correct description. <i>See Keel</i> Builder's Signature (here only) <i>Cochran & Sons</i> Surveyor's Signature <i>Allison B. Wilson</i> Surveyor to Lloyd's Register of British and Foreign Shipping.										Committee's Minute <i>See Keel</i> Character assigned <i>See Keel</i> Boats <i>See Keel</i> Pumps <i>See Keel</i> Windlass <i>See Keel</i> Engine Room Skylights <i>See Keel</i> What arrangements for deadlights in bad weather? <i>See Keel</i> Coal Bunker Openings <i>See Keel</i> Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>See Keel</i> Ceiling in Holds <i>See Keel</i> Cargo Hatchways <i>See Keel</i> State size No. 1 Hatch (Forward) <i>See Keel</i> No. 2 Hatch <i>See Keel</i> No. 3 Hatch <i>See Keel</i> No. 4 Hatch <i>See Keel</i> Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>See Keel</i> Bulwarks <i>See Keel</i> The above is a correct description. <i>See Keel</i> Builder's Signature (here only) <i>See Keel</i> Surveyor's Signature <i>See Keel</i> 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) 18-4-07-10-5-07.

(S) 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)? *Drawn* 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, Plan of Midship Section, and Report on ships forgings.

This is a sister vessel to the "Boreas", "Bellona", and "Bellinophon".
 Hull reports No. 19618-19603 + 19590.

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 *1.7* ft., Bridge Dk. *✓* ft., F'castle *5-2* 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. *125087*; 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, <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>		

(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. <i>1693</i>	DATE OF SURVEY	1907—May 29, Jun 4, 11, 14, 20, 25, 27, Jul 4, 9, 17, 30, 31, Aug 15, 21, 27, Sep 5, 12, 16, Sep 23, Oct 14, 25, Nov 6, 7, 26
Date <i>30/4/07</i>	DATE OF SURVEY	held while building
No. <i>420</i> in builder's yard.	DATE OF SURVEY	held while building
		Total No. of Visits <i>24</i>

The amount of Entry Fee £ *1 : 0 : 0*Fees applied for, *3/12/1907*Special £ *9 : 4 : 0*Received by me, *5-12-1907*Travelling Expenses, if any £ *15 : 2*State whether the Vessel has been built under Special Survey *Yes*I am of opinion this Vessel should be Classed *100 A1, 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

FRI. 6 DEC 1907

Character assigned

100 A1

Steam Trawler

Lloyd's 426.0

+ L.M.B. 11.07

