

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office 18 MAY 1905

State if Report is also sent on the Machinery of the Vessel Yes

Date of completion of report 11th May 1905

Port of Newcastle

No. 48829

Survey held at Newcastle

Date, First Survey 10 August 1904 Last Survey May 5th 1905

On the steel steamer "ANCROFT"

Rig Schooner

TONNAGE under 3047.64

THREE DECKED VESSEL.

Master E.W. Steil

Tonnage Deck...

CLASS 100A1

Year of appointment

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

(1) As Master in service of owner of present vessel—18
(2) As Master of this vessel—May 1905

Total under Upper Dk.

Half Breadth (moulded) 24.40

Built at Newcastle

Do. of Poop 82.74

Depth from upper part of Keel to top of Upper Deck Beams 26.25

When built 1905. 5th Launched 22 Feb 1905

Do. of Bridge House

Girth of Half Midship Frame (as per Rule) 48.00

By whom built Swan Hunter & Wigham Richardson

Do. of Forecastle 42.19

deduct 7 feet..... 7

Owners Adam Bros. Lim.

Do. of Houses on Dk. 28.02

1st Number 91.65

Managers

Do. of excess of Hatchways 27.90

Length on deck from after part of stem to fore part of stern post 329.16

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

Do. above Crown of Engine Room 62.83

2nd Number 30.167

Residence

Gross Tonnage 3291.32

Proportions—Breadth to Length 6.7

Port belonging to Newcastle

Less Crew Space 89.53

Depth to Length—Upper Deck to top of Keel 12.5

Less above Crown of Engine Room 62.83

Main Deck ditto

FOR FEES... 3138.96

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock Building

e Room 1053.22

Main Deck ditto

ation Spaces 42.42

Main Deck ditto

+ 62.83

Main Deck ditto

Tonnage Beam 2106.15

Main Deck ditto

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
rule	329	2	Moulded	48	9 1/2	Do. do.	do. do. Main Dk. Beams	22	9	one
of Ship per Register, Length 331.2 breadth 49.0 depth 22.7. Moulded depth, ft. 25 ins. 3 To Upper Dk.										Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.				FORGINGS or CASTINGS.			
Inches in Ship	Inches in Ship	Inches or 20ths in Ship	Inches per Rule Or as Approved	Inches in Ship	Inches in Ship	Inches or 20ths in Ship	Inches per Rule Or as Approved
Angles, or 7, 10 or 12 Bars for 1/2 length amidships	10 x 3 1/2 x 3 1/2	13	10 x 3 1/2 x 3 1/2	KEEL, Bar or Side Plates, depth and thickness	✓		
1/2 at each end	" "	12	" "	STEM, moulding and thickness	11 x 2 3/4	11 x 2 3/4	11 x 2 3/4
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	3 1/2	STERN-POST for Rudder do. do.	11 x 6 1/2	11 x 6 1/2	11 x 6 1/2
" " at intermdt. Bkts.	✓		✓	" for Propeller	do.	do.	do.
of Frames from moulding edge to	24		24	MAIN PIECE of Rudder, diameter at head	8 1/2	8 1/2	8 1/2
ing edge, all fore and aft	✓		✓	" " do. at heel	6 1/2	6 1/2	6 1/2
ED FRAME, Angles	10		10	RUDDER, how constructed Single-plate rudder Cast steel			
FRAMING, depth of girder	✓		✓	Can the Rudder be unshipped afloat? Yes			
6, depth and thickness of Floor Plate				KEELSONS & STRINGERS.			
at mid-line for 1/2 length amidships				CENTRE LINE KEELSON, Vertical Plate above			
Way of Engines and Boilers				floors, Through Plate, or Intercoastal Plate			
ickness at the ends of vessel				" Rider Plate			
pth at 1/2 the half breadth, as per Rule				" Bulb Plate to Intercoastal Keelson			
ight extended at the Bilges				" Horizontal Plates on Floors			
S & BRACKETS in Cell Dble Bottoms	8		8	" Angles			
" Distance apart	24		24	SIDE KEELSON, Angles			
E GIRDER, in Double bottom, depth	42	x 10	42	" Bulb or Plate above floors, for lng.			
and thickness	4	4	9	" Intercoastal Plate, for length			
" Angles, Top	6 1/2	4	9	" Attached to outside Plating with Angle			
" Bottom	Two	9	Two	BILGE KEELSON, Angles			
IRDERS, number on each side & thickness	3 1/2	3 1/2	9	" Bulb or Plate above floors, for lng.			
" Angles	42	9	42	" Intercoastal Plate for length			
N PLATE, depth (exclusive of flange)	4	4	9	" Attached to outside Plating with Angle			
and thickness	36	x 10	36	BILGE STRINGER Angles			
" Angles to Outside Plating	10	E 12	B	" Bulb Plate for length			
BOTTOM PLATING, breadth and	20	E 12	B	" Intercoastal Plate for length			
thickness of Middle Line Strake	8-7			" Attached to outside Plating with Angle			
" in Engine and Boiler space	9	3 1/2	11	4 SIDE STRINGERS Angles	6 1/2	4 1/2	12
Remainder in Holds	✓		✓	" Bulb or Intercoastal Plate, for lng.	14 1/2	x 10	14 1/2
Upper Deck, Single Angle, Bulb	✓		✓	" Attached to outside plating with Angle	3 1/2	3 1/2	9
Angle, Plate or Tee Bulb	24		24	Upper Deck Stringer Plates, br'dth & thickness	72	12	72
Angles on upper edge				" Angle on ditto 6 x 6 x 1/2 in. w/ells	4 x 4 x	9	4 x 4 x
Average space				" Tie Plates fore and aft, outside Hatchways	8-7		8-7
Middle Deck, Single Angle, Bulb				" Deck * Iron or Steel, for lng.	20		20
Angle, Plate or Tee Bulb				" Wood Deck. Material & thickness			
Angles on upper edge				Middle Deck Stringer Plate, br'dth & thickness			
Average space				" Angles on ditto, No.			
Lower Deck, Single Angle, Bulb				" Tie Plates outside Hatchways			
Angle, Plate or Tee Bulb				" Diagonal Tie Plates on Bms., No. of prs.			
Angles on upper edge				" Deck * Iron or Steel, for lng.			
Average space				" Wood Deck. Material & thickness			
Hold, or Orlop, Plate or Tee Bulb				Lower Deck Stringer Plate, br'dth & thickness			
Angles on upper edge				" Angles on ditto, No.			
Average space				" Tie Plates, outside Hatchways			
Poop Deck, Angle, Bulb Angle, Plate	7	5	9	" Deck * Material and thickness			
or Tee Bulb	✓		✓	Hold, or Orlop Stringer Plate, br'dth & thckn's			
Angles on upper edge	48		48	" Angles on ditto, No.			
Average space	7 1/2	3	9	" Tie Plates outside Hatchways			
Bridge Deck, Angle, Bulb Angle, Plate	✓		✓	" Deck. Material and thickness			
or Tee Bulb	24		24	Poop Deck Stringer Plate, breadth & thickness			
Angles on upper edge	7 1/2	3	9	" Angle on ditto	36	8	36
Average space	✓		✓	" Tie Plates	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2
Forecastle Deck, Angle, Bulb Angle,	✓		✓	" Deck. Material and thickness	17 x 8		17 x 8
Plate or Tee Bulb	24		24	" Deck. Material and thickness	5 x 3		5 x 3
Angles on upper edge	✓		✓	Bridge Deck Stringer Plate, br'dth & thickness	40 x 12-8	20	40 x 12-8
Average space	4 3/4	48	4 3/4	" Angle on ditto	4 x 4 x	12	4 x 4 x
RS, In 'tween Deck, size and spacing	✓		✓	" Tie Plates	7/20		7/20
" Hold	✓		✓	" Deck. Material and thickness	Steel		Steel
" Quarter 'tween Dks.	✓		✓	Forecastle Deck Stringer Plate, b'dth & th'kns	36	8	36
" in Hold	✓		✓	" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2
WEB-FRAMES, In Fore Body, No. and spacing	one		one	" Tie Plates	5/16		5/16
" brdth. & thickness	44	x 9	44	" Deck. Material and thickness	Steel		Steel
" No. of Side Stringers	✓		✓	BULKHEADS.			
WEB-FRAMES, In E. & B. Space, No. & spacing	one		one	In Vessel	Per Rule	Thickness	STIFFENERS.
" brdth. & thickness	44	x 9	44	W. T. BULKHEADS	5	5	Horizontal.
" No. of Side Stringers	✓		✓	PARTITION	7-6		Vertical
WEB-FRAMES, In After Body, No. and spacing	one		one	LONGITUDINAL			Single or Double Frames.
" brdth. & thickness	41	x 9	41				Height up.
" No. of Side Stringers	✓		✓				Frames.
" Size of Angles or Tee Bars to Web-Frames	5	4	9				Single D.K.
BRACKET PLATES to Stringers between	✓		✓				
Web Frames, depth and thickness	✓		✓				

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		Edges.	BUTTS.				Edges.	BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.			AMIDSHIP.		Single or Double.	Breadth of Lap.		Rivets.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.		Diam.	Spacing or to cr.						Diam.	Spacing or to cr.	Breadth.	Thickness.	
FLAT PLATE KEEL.....	36	21	13	13	36	21	Double	6 3/4	1 1/8	4	Treble	1 1/8	4	20	15 1/3	14	full		
GARBOARD OF A Strake...	60	14	12	12	60	14	"	5 1/4	7/8	3 3/4	Quad	1	4	"	"	12	"		
B "	"	11	9	9	"	11	"	"	"	"	"	"	"	"	"	"	"		
C "	"	11	9	9	"	11	"	"	"	"	"	"	"	"	"	"	"		
D "	"	12	10	10	"	12	"	"	"	"	"	"	"	"	"	"	"		
E "	"	13	10	10	"	13	"	"	"	"	"	"	"	"	"	"	"		
F "	"	13	10	10	"	13	"	"	"	"	"	"	"	"	"	"	"		
G "	"	12	9	9	"	12	"	"	"	"	"	"	"	"	"	"	"		
H "	"	12	9	9	"	12	"	"	"	"	"	"	"	"	"	"	"		
J "	"	12	9	9	"	12	"	"	"	"	"	"	"	"	"	"	"		
K "	"	12	9	9	"	12	"	"	"	"	"	"	"	"	"	"	"		
DOUBLE OF Flat Plate Keel	48	13	10	10	48	13	"	"	"	"	"	"	"	"	"	"	"		
Length and thickness of Bilges.....	At ends of bilges																		
POOP SIDES.....	7/20																		
BRIDGE SIDES.....	1/4 13																		
FORECASTLE SIDES.....	7/20																		
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.: <i>Siemens-Martin process</i> <i>Consett Iron Co. Ltd. of Spence & Son Ltd.</i> <i>Do Durham & Co. Do Colville & Sons</i> <i>Swanwick Street Co. Do Down & Co. Ltd.</i> Has the Steel been tested as required by the Rules? <i>Yes</i>																			
FRAMES extend in one length from <i>Keel</i> to <i>tank margin</i> , thence to <i>gunwale</i> REVERSED FRAMES on floors and frames extend from <i>channel frames</i>																			
MASTS, SPARS, &c.																			
LOWER MASTS..... Fore <i>stee</i> 70-0 19 x 7/20 15 x 6/20 15 x 6/20 <i>two</i> <i>single</i> <i>treble</i> Main <i>stee</i> 47-10 " 19 x 7/20 " " " " Bowsprit <i>✓</i> Topmasts, Yards and Remainder of Spars <i>Pine</i> Rigging, Material and Size, Shrouds <i>95 wire 4"</i> Sails <i>one</i> Suit of <i>fine & aft</i> Sails, and the following spare sails <i>✓</i>																			
EQUIPMENT No. 55319 LETTER V																			
Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, per Certificate. Description of Anchor. Makers. Where and when tested and Superintendent. 5946 1st Bower 47 2 0 - - - 40 16 1 0 47 2 0 <i>Boys' Patent</i> <i>not stated</i> <i>Sld 15 Dec 04 Rly</i> 5962 2nd " 47 2 0 - - - 40 16 1 0 47 2 0 <i>do.</i> <i>do.</i> <i>Sld 19 Dec 04 Rly</i> 6028 3rd " 40 2 0 - - - 36 2 2 0 40 1 0 <i>do.</i> <i>do.</i> <i>Sld 13 Jan 05 Rly</i> 4th " <i>Collective weight</i> 135 2 0 <i>135 1 0</i> 19150 Stream 11 3 0 3 0 0 13 12 2 0 11 2 0 <i>Ordinary</i> <i>Gabbot & Co. 24 Aug 04</i> 19259 Kedge 6 0 7 1 2 7 8 7 2 0 5 3 0 <i>do.</i> <i>do.</i> <i>Gabbot & Co. 24 Aug 04</i> <i>Mechanical tests by Messrs Meyer & Campbell</i>																			
CHAIN CABLES.																			
Number of Certificate. Fathoms. Size. Test per Certificate. Weight of Chain Cable. Fathoms and Size per Table 22. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Trolley. Fathoms and Size per Table 22. 10460 135 2 100-16 278-0-3 269-1-4 270 x 2 <i>stee</i> <i>absolutely</i> <i>Swanwick 14 Dec 1904</i> <i>TOWLINE</i> 120 4 33 120 x 4 10455 135 2 72-0 278-1-3 269-1-4 270 x 2 " " <i>Swanwick 17 Dec 1904</i> <i>HAWSER</i> 360 7 36 36 x 7 <i>556-2-2 558-3-0</i> Iron Steam Chain or Steel Wire 90 4 39 90 x 4 90 x 4 <i>WARP</i>																			
Boats <i>Four</i>																			
Pumps, Number <i>one</i> 5-in <i>Downton</i> Diameter of Barrel <i>5"</i> State whether they are in efficient working order <i>yes</i>																			
Windlass is <i>by Emson Walker</i> Capstan <i>✓</i>																			
Engine Room Skylights.—How constructed? <i>stee</i>																			
What arrangements for deadlights in bad weather? <i>stee flaps</i>																			
Coal Bunker Openings.—How constructed? <i>stee</i> How are lids secured? <i>Cross & button</i> Height above deck? <i>7"</i>																			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. <i>14 scuppers & 12 freeing ports</i>																			
Ceiling in Holds, thickness and material <i>under hatches 2 1/2 in. w.p.</i> Ceiling 'tween Decks, thickness and material <i>2" battens</i>																			
Cargo Hatchways.—How formed? <i>stee</i> Hatches, If strong and efficient? <i>yes</i>																			
State size No. 1 Hatch (Forward) <i>24 x 10</i> No. 2 Hatch <i>28 x 16</i> No. 3 Hatch <i>20 x 16</i> No. 4 Hatch <i>24 x 16</i>																			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch <i>2 webs in No. 1, 4 & 5 3 webs in No. 2 one web in No. 3</i> Three fore & afters in each hatchway No. of Breasthooks <i>four</i> No. of Crutches <i>deep floors</i>																			
Bulwarks, height above deck and description <i>4-6 stee</i> Main Rail, material and size <i>bulwark 6"</i>																			
The above is a correct description.																			
Builder's Signature (here only) <i>FOR SWAN, HUNTER, & WISHAM RICHARDSON, LTD. A. O. LAUGHTON</i> Surveyor's Signature <i>A. Campbell & Co. Ltd.</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 this case)

6.14.26.27/1/04 1.2.5.13.18.20/2/04 9/3/04 18.19/4/04 14.16/5/04

Workmanship. Are the butts of plating planed or otherwise fitted? *Overlapped*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 plateto plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punchedfrom the facing surfaces? *Yes* Do any rivets break into or through the seams or butts of plating? *No*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 *good*Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *good*

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans, the Secretary's letter of the above date, & otherwise in conformity with the Society's rules. The material & workmanship are good throughout. The deck, tunnel & watertight doors have been duly tested. She is a sister vessel to the S.S. "Ephraim" & "Kippenham", by the same builders (Reports nos 48160 & 47660).

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *26* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *148* ft., F'castle *35* 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 it should appear in the Register Book) *1 D.K. (stl) & deep frames*

Official No. *118654*; Signal LettersHow are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	110	326	Fore peak tank,	✓	✓
Double bottom, under Engines and Boilers,	18	73	After peak tank,	10	35
Double bottom, if under Engines only,	✓	✓	Midship deep tank,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Other tanks, if fitted,	✓	✓
Double bottom, forward,	142	489	(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 *Yes*

Order for Special Survey No. *2619* Date *29.6.04* in builder's yard. DATES of Surveys held while building *1904. Aug. 10, 11, 16, 23, 24, Sep. 1, 7, 15, 26, 27, Oct. 6, 11, Nov. 4, 21, 29, Dec. 15, 16, 20, 22, 29, 1905. Jan. 4, 5, 11, 16, 17, 20, 24, 27, 31, Feb. 2, 3, 10, 12, 14, 16, 20, 24, Mar. 14, 21, Apr. 3, 19, 25, 27, 28, May 5* Total No. of Visits *50*

The amount of Entry Fee.....£ *5* : : : *17 MAY 1905*
 Special Survey Fee£ *103* : *9* : *6*
 Travelling Expenses, if any £ : : : *27* : *5* : *5*
100-5-05

Certificate to be sent to *Newcastle-on-Tyne.*

State whether the Vessel has been built under Special Survey *Yes*
 I am of opinion this Vessel should be Classed *100 A1*
 With, or Without Freeboard, as condition of Class.

A. Campbell & Co. Ltd.
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned

FRI. 19 MAY 1905

*100 A1 (Stl)**Lloyds atcp.**+ Lmc 5-05**Write Rye.*

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W932-00722

Certificates Issued 29/5/05