

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

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

Date of completion of Report *31-3-11*

Date, First Survey *13 October 1903*

Port of *Newcastle-on-Tyne*

Last Survey *29 March 1904*

Rig *Fore & Aft Schooner*

Master *H. Nielsen*

Year of appointment *1893*

(1) As master in service of
owner of present vessel: *1893*
(2) As master of this
vessel: *1904*

Survey held at *Bill Quay, Newcastle*

On the *LUCY ANDERSEN*

TONNAGE under Tonnage Deck... *838.96*

Do. of Poop *73.05*

Do. of Raised Qr. *75.16*

Do. of Bridge House *31.98*

Do. of Forecastle *6.43*

Do. of Houses on Deck *23.76*

Do. of excess of Hatchways *1049.34*

Do. of Crown of Room... *517.34*

Do. of Crown of Room... *995.00*

Do. of Crown of Room... *335.79*

Do. of Crown of Room... *19.12*

Do. of Crown of Room... *634.09*

Do. of Crown of Room... *218 9/4*

Do. of Crown of Room... *220.3*

Do. of Crown of Room... *35.0*

Do. of Crown of Room... *14.05*

Do. of Crown of Room... *16 ft. 2 ins.*

Do. of Crown of Room... *Round of Beam, Actual 8 3/4 ins.*

ONE OR TWO DECKED VESSEL.

CLASS *100 A1*

Half Breadth (moulded) *17.42*

Depth from upper part of Keel to top of Main Deck Bms. *16.89*

Girth of Half Midship Frame (as per Rule) *31.84*

1st Number *66.18*

Length on deck from after part of stem to fore part of stern post *218.44*

2nd Number *14478*

Proportions—Breadths to Length *6.24*

Depths to Length—Main Deck to top of Keel... *12.94*

Destined Voyage *Baltic trade*

If Surveyed while Building, Afloat, or in Dry Dock *B. & A.*

FRAMING.

E. Angles, *7* or *8* Bars, for $\frac{1}{2}$ length

amidships *52 3 8 52 3 8*

or $\frac{1}{4}$ at each end *52 3 4 52 3 4*

n way of Double Bottoms at Solid Floors... *3 3 4 3 3 4*

" AFTER PEAK at intermdt. Bkts. *4 3 6 4 3 6*

of Frames from centre to centre *23 4 20 23 4 20*

ISED FRAME, Angles *3 3 7 3 3 7*

FRAMING, depth of girder *34 6 34 6*

IS, depth and thickness of Floor Plate *34 6 34 6*

at mid-line for $\frac{1}{2}$ length amidships... *64 9 64 9*

n way of Engines and Boilers *6 6 6 6 6 6*

thickness at the ends of vessel *6 6 6 6 6 6*

length at $\frac{1}{2}$ the half breadth, as per Rule... *40 140 40 140*

eight extended at the Bilges *34 6 34 6*

IS & BRACKETS, in Cell Dble Bottoms *34 6 34 6*

" state if flanged (top & bottom) *20 20 20 20*

" Spacing *23 4 20 23 4 20*

E GIRDER, in Double Bottom, depth *34 8 34 8*

and thickness *3 3 9 3 3 9*

" Angles, Top *3 3 10 3 3 10*

" Angles, Bottom *3 3 10 3 3 10*

RDERS, number on each side & thickness *1 6 1 6*

" state if flanged (top & bottom) *3 20 3 20*

Angles *3 3 7 3 3 7*

PLATE, depth (exclusive of flange) *23 4 20 23 4 20*

and thickness *3 3 9 3 3 9*

Angles to Outside Plating *3 3 10 3 3 10*

" Floors *3 3 7 3 3 7*

Height of Floors at the Bilges *40 140 40 140*

BOTTOM PLATING, breadth and *48 8 34 8*

thickness of Middle Line Strake *14 8 10 14 8 10*

" thickness in Engine and Boiler space *8 8 8 8*

" Remainder in Holds *14 8 10 14 8 10*

Main and Raised Quarter Deck, *5 3 8 5 3 8*

Angle, Bulb Angle, Plate or Tee Bulb *2 3 12 2 3 12*

Angles on Upper Edge *2 3 12 2 3 12*

Spacing *23 4 20 23 4 20*

Lower Deck, Single Angle, Bulb *46 46 46 46*

Angle, Plate or Tee Bulb *7 3 9 7 3 9*

Angles on Upper Edge *7 3 9 7 3 9*

Spacing *46 46 46 46*

Bridge or Pt. Awng. Deck, Angle, *7 3 9 7 3 9*

Bulb Angle, Plate or Tee Bulb *46 46 46 46*

Angles on Upper Edge *7 3 9 7 3 9*

Spacing *46 46 46 46*

Forecastle Deck, Angle, Bulb Angle, *7 3 9 7 3 9*

Plate or Tee Bulb *46 46 46 46*

Angles on Upper Edge *7 3 9 7 3 9*

Spacing *46 46 46 46*

PILLARS, In 'tween Decks, Size and Spacing *23 4 20 23 4 20*

" Hold *3 46 11 3 46 11*

" Quarter, 'tween Dks. *3 46 11 3 46 11*

" in Hold *3 46 11 3 46 11*

WEB FRAMES, In Fore Body, No. and Spacing *6 per plan 6 per plan*

" Brdth. & Thickness *15 15 15 15*

" No. of Side Stringers *1 15 15 1 15*

WEB FRAMES, In E. & B. Space, No. & Spacing *3 per plan 3 per plan*

" Brdth. & Thickness *15 15 15 15*

WEB FRAMES, In After Body, No. and Spacing *5 per plan 5 per plan*

" Brdth. & Thickness *15 15 15 15*

" No. of Side Stringers *3 15 15 3 15*

" Size of Angle for Tee Bar to Web Frames *3 15 15 3 15*

BRACKET PLATES to Stringers between *3 3 10 3 3 10*

Web Frames, Depth and Thickness *3 3 10 3 3 10*

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness *1 1/4 x 2 3/8*

STEM, moulding and thickness *1 1/4 x 2 3/8*

STERN-POST for Rudder do. do. *1 1/4 x 4 3/4*

" for Propeller *1 1/4 x 4 3/4*

MAIN PIECE of Rudder, diameter at head... *5 1/2*

do. at heel *4 1/4*

RUDDER, how constructed *Single plate 180 - forged iron*

Can the Rudder be unshipped afloat? *Yes*

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above *3 3 10 3 3 10*

floors, Through Plate, or Intercoastal Plate *3 3 10 3 3 10*

" Rider Plate *3 3 10 3 3 10*

" Bulb Plate to Intercoastal Keelson *3 3 10 3 3 10*

" Horizontal Plates on Floors *3 3 10 3 3 10*

" Angles *3 3 10 3 3 10*

SIDE KEELSON, Angles *3 3 10 3 3 10*

" Bulb or Plate above floors for *3 3 10 3 3 10*

Intercoastal Plate for *3 3 10 3 3 10*

Attached to outside plating with Angle *3 3 10 3 3 10*

BILGE KEELSON, Angles *3 3 10 3 3 10*

" Bulb or Plate above floors for *3 3 10 3 3 10*

Intercoastal Plate for *3 3 10 3 3 10*

Attached to outside plating with Angle *3 3 10 3 3 10*

BILGE STRINGER Angles *3 3 10 3 3 10*

" Bulb Plate for *3 3 10 3 3 10*

Intercoastal Plate for *3 3 10 3 3 10*

Attached to outside plating with Angle *3 3 10 3 3 10*

SIDE STRINGER Angles *3 3 10 3 3 10*

" Bulb or Intercoastal Plate for *3 3 10 3 3 10*

Attached to outside plating with Angle *3 3 10 3 3 10*

Main and Raised Quarter Deck Stringer *3 3 10 3 3 10*

Plate, breadth and thickness *4 x 4 8 4 x 4 8*

" Angle on ditto *8 8 8 8*

" Tie Plates, outside Hatchways *8 8 8 8*

" Diagonal Tie Plates on Bms. No. of Pairs *8 8 8 8*

" Main Dk* Iron or Steel for *8 8 8 8*

R. Q. Dk* Iron or Steel for *8 8 8 8*

Wood Deck, Material & thickness *8 8 8 8*

Lower Deck Stringer Plate, breadth and *8 8 8 8*

thickness *8 8 8 8*

" Angles on ditto, No. *8 8 8 8*

" Tie Plates, outside Hatchways *8 8 8 8*

" Deck* Material and thickness *8 8 8 8*

Hold Stringer Plate *8 8 8 8*

" Angles on ditto, No. *8 8 8 8*

Poop Deck Stringer Plate, breadth & thickness *8 8 8 8*

" Angle on ditto *8 8 8 8*

" Tie Plates *8 8 8 8*

" Deck, Material and thickness *8 8 8 8*

Bridge or Pt. Awng. Deck Stringer Plate, *8 8 8 8*

breadth and thickness *8 8 8 8*

" Angle on ditto *8 8 8 8*

" Tie Plates *8 8 8 8*

" Deck, Material and thickness *8 8 8 8*

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

BULKHEADS.

W.T. BULKHEADS *3 3 6 3 3 6*

PARTITION *3 3 6 3 3 6*

Collision Bulk *3 3 6 3 3 6*

LONGITUDINAL *3 3 6 3 3 6*

Are the outside Plates doubled two spaces of Frames in length? *Yes, diamonds*

Are the Sluice Valves and Watertight Doors in efficient working order? *Yes*

PLATING.										RIVETING.																																																															
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.				IF LAPPED.																																																										
	AMIDSHIP.	FORWARD.	AFT.	THICKNESS.	THICKNESS.	THICKNESS.	Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.	Spacing or to cr.	STRAPS.	Breadth.	THICKNESS.																																																										
FLAT PLATE KEEL	34	12	11	11	34	12	Double	5 1/2	7/8	4	Double	7/8	3 1/8	16 1/2	14																																																										
GARBOARD OR A STRAKE	34	12	10	10	34	12	"	"	"	"	"	"	"	"	"																																																										
State actual thickness in way of Double Bottom.	B	54	9	8	8	46	"	"	"	"	"	"	"	"	"																																																										
C	46	9	8	8	46	9	"	"	"	"	"	"	"	"	"																																																										
D	50	10	8	8	50	10	"	"	"	"	"	"	"	"	"																																																										
E	54	10	9	9	54	10	"	"	"	"	"	"	"	"	"																																																										
F	48	10	9	9	48	10	"	"	"	"	"	"	"	"	"																																																										
G	46	10	8	8	46	10	"	"	"	"	"	"	"	"	"																																																										
H	54	10	8	8	54	10	"	"	"	"	"	"	"	"	"																																																										
Sheer	J	38	13	9	9	38	2 x S	5 1/2	"	"	"	"	"	"	"																																																										
K	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
L	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
M	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
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O	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
P	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
Double of Flat Plate Keel	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
Length and thickness of Sheerstrakes.	2 1/2	10	"	"	2 1/2	10	"	"	"	"	"	"	"	"	"																																																										
Length and thickness of Strake below	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"																																																										
RAISED QUARTER DECK SIDES	8	"	7	"	8	"	"	"	"	"	"	"	"	"	"																																																										
BRIDGE SIDES	6	"	"	"	6	"	"	"	"	"	"	"	"	"	"																																																										
FORECASTLE SIDES	6	"	6	"	6	"	"	"	"	"	"	"	"	"	"																																																										
LENGTHS OF PLATING	1/2 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. <i>South & Wharfedale Steel & Iron Co., Ltd. - J. Spencer & Sons - Consett Iron 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>main deck, or aft deck, 13.4 ft.</i> state if ordinary or joggled <i>ordinary</i>																																																																									
REVERSED FRAMES on floors and frames extend from <i>centre line to quarter peak</i> state if ordinary or joggled <i>ordinary</i>																																																																									
<i>Decks alternately in after peak</i>																																																																									
MASTS, SPARS, &C.																																																																									
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Bowsprit																																																																									
Topmast, Yards and Remainder of Spars <i>holes of white pine - no gaffs</i>																																																																									
Rigging, Material and Size, Shrouds <i>3 each of 3 gals. steel wire</i> Stays <i>3 1/2 gals. steel wire</i>																																																																									
Sails, <i>one</i> Suit of <i>3 fore & aft</i> Sails and the following spare sails																																																																									
Equipment No. <i>15481</i> Letter <i>N</i> Tonnage U.D.K. or Plating No. for Traversers <i>✓</i>																																																																									
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Boats <i>2 wood lifeboats & 1 wood dingy</i>																																																																									
Pumps, Number <i>1</i> <i>Gorton & Co. Ltd. 1 1/2" x 3"</i> State whether they are in efficient working order <i>Yes</i>																																																																									
Windlass <i>Emerson, Walker & Thompson's steam & crane handles</i>																																																																									
Engine Room Skylights—How constructed? <i>Steel plates & bars</i>																																																																									
What arrangements for deadlights in bad weather? <i>Steel plates with strong bulldozers</i>																																																																									
Coal Bunker Openings—How constructed? <i>Steel plates & bars</i> Height above deck? <i>1-3"</i>																																																																									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>3 scuppers & 4 ports 3-0" x 1-6"</i> Aft <i>2 scuppers & 3 ports 3-0" x 1-6"</i>																																																																									
Ceiling in Holds, thickness and material <i>2 1/2 white pine</i>																																																																									
Cargo Hatchways—How formed? <i>Steel plates & bars</i> <i>3-0" high in well</i> Hatches—If strong and efficient? <i>2 1/2 pine</i>																																																																									
State size No. 1 Hatch (Forward) <i>15-4" x 12"</i> No. 2 Hatch <i>23-11" x 15"</i> No. 3 Hatch <i>3-11" x 8-0"</i> No. 4 Hatch <i>28-9" x 15"</i>																																																																									
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>No. 1 - 1 beam, No. 2 - 2 webs</i>																																																																									
3 fore & afters to each hatchway to No. 3. No. of Breasthooks <i>4</i> No. of Crutches <i>2</i>																																																																									
Bulwarks, height above deck and description <i>3-6" x 120 plates</i> Main Rail and Stays, material and size <i>30.5 x 3-7/8 1/2" forged</i>																																																																									
The above is a correct description. <i>WOOD SKINNER & CO., LIMITED.</i> Surveyor's Signature <i>G. J. Emarest</i> Surveyor to Lloyd's Register of British and Foreign Shipping.																																																																									
Builder's Signature (here only) <i>W. Skinner</i> Director.																																																																									

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) *Ln. 22-9-3*

Ln. 30-9-3 *Ln. 1-12-3*

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 *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the plans (6 in number) as approved & amended, with the Secretary's letters, & otherwise with the Society's Rules. The material & workmanship throughout are good. Attention is drawn to the stock of the hedge anchor which is very too light, but in view of this being so trifling, it is submitted that it be approved. The approved midship section was forwarded to London on the 20th inst. for the preparation of the classification certificate, & the plan of the bridge front was forwarded on the 10th inst. with the freeboard report.*

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 *17.3* ft., Bridge Dk. *53.7* ft., F'castle *98* 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

Quarter deck is joined to bridge

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) *one deck (steel) & web frames* *main deck*

Official No. *✓*; Signal Letters *✓* State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Cement, paint & tar* 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.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	<i>70-4"</i>	<i>104</i>	Fore peak tank,	<i>✓</i>	<i>4 1/4</i>
Double bottom, under Engines and Boilers,	<i>13-8"</i>	<i>164</i>	After peak tank,	<i>✓</i>	<i>1 1/4</i>
Double bottom, if under Engines only,	<i>95-9"</i>	<i>164</i>	Deep tank, aft,	<i>✓</i>	<i>1 1/4</i>
Double bottom, if under Boilers only,	<i>95-9"</i>	<i>164</i>	Deep tank, forward,	<i>✓</i>	<i>1 1/4</i>
Double bottom, forward,	<i>95-9"</i>	<i>164</i>	Other tanks, if fitted,	<i>✓</i>	<i>1 1/4</i>

Total capacity *268* (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. *2555* *1908 Oct. 19 20 27 Nov. 6 20 26 30 Dec. 28 10 25 18 20 29 1904 Jan. 1 1 20 22 27 Feb. 18 11 16 18 22*

Date *7.10.04* in builder's yard

No. *114* Dates of Surveys held while building *27 Feb. 2.4.7.10.16.17.19.24.29.*

The amount of Entry Fee *3* Fees applied for, *6 APR 1904* Received by me *8/4/04 2.4.04*

Special *49:12* Travelling Expenses if any £. *19*

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

I am of opinion this Vessel should be Classed *100A1*

With, or without Freeboard, as condition of Class *without*

Committee's Minute *TUES. 12 APR. 1904*

Character assigned *100A1 Steel*

Lloyd's reg

Time 3.04

White Hwc (SPN)

G. J. Emarest Surveyor to Lloyd's Register of British and Foreign Shipping.

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W831-0126(212) Foundation