

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office: THU OCT 1 1914

Date of completion of report 28th Sept 1914

Survey held at South Shields

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

Port of Newcastle on Tyne

Date, First Survey 3rd Mar 1914

Last Survey 2nd Dec 1914

On the (State if Single, Twin, or Triple Screw) Single screw steamer

ELWY

Rig. Ketch

TONNAGE under Tonnage Deck... 207.55

Do. between Tonnage Dk. and 3rd and 4th Dk. 24.12

Total under Upper Dk. 207.55

Do. of Poop 11.29

Do. of R.Q. Dk. 16.52

Do. of Bridge House 2.94

Do. of Houses on Dk. 15.54

Do. of excess of Hatchways 15.19

Do. above Crown of Engine Room 293.15

Gross Tonnage 22.65

Less Crew Space 15.19

Less above Crown of Engine Room 255.31

TONNAGE FOR FEES.. 118.39

Less Engine Room 17.34

Less Navigation Spaces 134.77

CLASS 100A1

FEET.

Breadth (greatest moulded) 23.0

Depth, at middle of length from top of keel to top of upper deck beams at side 10.5

Transverse Number 33.5

Length on deck from fore part of stem to after part of stern post 128

Longitudinal Number 4288

Depth "d," at middle of length (See Secs. 2 & 13) 9.5

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.1

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

Master R. Roberts

Year of appointment (1) As Master in service of owner of present vessel: 1914 (2) As Master of this vessel: 1914

Built at South Shields

When built 1914 Launched 24th Aug 1914

By whom built C. Remoldson & Co

Owners The Clyde Steamship Co Ltd

Managers R. & D. Jones Ltd.

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

Residence Liverpool

Port belonging to Liverpool

Destined Voyage Coasting

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
128	0		23	0		9	11	5	One	One

Dimensions of Ship per Register, Length 128 breadth 23.0 depth 9.8 Moulded depth, ft. 10 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 5 1/2 ins.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appro. ved.	Inches per Rule Or as Appro. ved.		Inches Size in Ship.	Inches Spacing in Ship.	Inches per Rule Or as Appro. ved.	Inches per Rule Or as Appro. ved.	
FRAME, Angles, or E or L Bars amidships	5	2½	32	5	2½	32	PILLARS, In 'tween Deck, size and spacing				
Do. in peaks	4	2½	32	4	2½	32	" " Hold " "	2½	42	2½ 42	
Do. in way of Double Bottoms at Solid Floors	4	2½	36	4	2½	36	" Quarter 'tween Dks., " "				
Do. in way of Double Bottoms at Solid Floors in hold beyond hatchways at intermdt. Bkts	4	2½	32	4	2½	32	" " in Hold " "				
Spacing of Frames from centre to centre amidships	21			21			KEELSONS & STRINGERS.				
" " " " from ½ length to Collision bulkhead	21			21			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate		32	32	
" " " " in peaks	21			21			" Rider Plate				
REVERSED FRAME, Angles, or E or L Bars	2½	2½	24	2½	2½	24	" Flat Plate Keel Angles	3	3	30 3 30	
Do. in way of Double Bottoms at Solid Floors	4	3	34	4	3	34	" Horizontal Plates on Floors	4½	3½	38 4½ 3½ 38	
" " " " at intermdt. Bkts	5			5			" Angles or Bulb Angles	4½	3½	38 4½ 3½ 38	
FRAMING, depth of girder	12	38		12	38		SIDE KEELSONS, Number One	4	3	34 4 3 34	
FLOORS, depth and thickness of Floor Plate at mid-line for ½ length amidships	32	38	32	32	38		" Angles or Bulb Angles	4	3	34 4 3 34	
" in way of Engine and Boiler Spaces	32	38	32	32	38		" Plate above floors, for length				
" thickness at the ends of vessel	8½	26		8½	26		" Intercostal Plate, for full length		28	28	
" depth at ½ the half breadth, as per Rule	24			24			" Attached to outside Plating with Angle	2½	2½	28 2½ 2½ 28	
" height extended at the Bilges	24			24			BILGE KEELSON, Angles single	5	4	40 5 4 40	
FLOORS in Cell. Double Bottoms							" Intercostal Plate for full length		28	28	
" state if flanged (top & bottom)							" Attached to outside Plating with Angle	2½	2½	28 2½ 2½ 28	
" Spacing of Solid floors							SIDE STRINGERS, Number One				
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.							" " Angle	5	4	40 5 4 40	
" " Angles, Top							" Intercostal Plate, for length				
" " " Bottom							" Attached to outside plating with Angle				
" " " to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	64	36	64 36	
" Brackets at intermdt. frmng., wdth & thknss							" " " " br'dth & thickness (in way of Bridge)	3	3	38 3 3 38	
SIDE GIRDERS, number on each side & thickness							" " Angle (clear of Bridge)				
" state if flanged (top and bottom)							" Tie Plate at sides of Hatchways				
" Angles (top and bottom)							" Deck * Iron or Steel, for full lng.		30	30	
" " " to Floors							" Thickness (clear of Bridge)				
MARGIN PLATE, depth (exclusive of flange) and thickness							" " (in way of Bridge)				
" Angle to Outside Plating							" Wood Deck, Material & thickness				
" " " Floors							Second Deck Stringer Plate, br'dth & thickness				
" Brackets at intermdt. frmng., wdth & thknss							" Angles on ditto, No.				
" Height of Outside Brackets above at bilge							" Tie Plates outside Hatchways				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Deck * Iron or Steel, for lng.				
" " " in Engine and Boiler space							" Wood Deck, Material & thickness				
" " " Remainder in Holds							Third Deck Stringer Plate, br'dth & thickness				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4½	3	30	4½	3	30	" Angles on ditto, No.				
" In way of Long Bridge							" Tie Plates, outside Hatchways				
" Spacing	21			21			" Deck * Material and thickness				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Fourth and Fifth Deck Stringer Plate, breadth & thickness				
" Spacing							" " Angles on ditto, No.				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" " Tie Plates outside Hatchways				
" Angles on upper edge							" Deck, Material & thickness				
" Spacing							QUARTER POOP Deck Stringer Plate, breadth & thickness	57	32	57 32	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4½	3	30	4½	3	30	" Angle on ditto	3	3	34 3 3 34	
" Angles on upper edge							" Tie Plates				
" Spacing							" Deck, Material and thickness steel		30	30	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4½	3	30	4½	3	30	Bridge Deck Stringer Plate, br'dth & thickness	24	24	24 24	
" Angles on upper edge							" Angle on ditto	2½	2½	24 2½ 2½ 24	
" Spacing							" Tie Plates	18	24	18 24	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5½	3½	40	5½	3½	40	" Deck, Material and thickness P.P.	5	2½	5 2½	
" Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	18	24	18 24	
" Spacing							" Angle on ditto	2½	2½	24 2½ 2½ 24	
							" Tie Plates	6	24	6 24	
							" Deck, Material and thickness P.P.	5	2½	5 2½	

WEB FRAMES.

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 Face Angles to Web-Frames.....

BRACKET PLATES to Stringers between

Web Frames, depth and thickness.....

Inches in Ship.

Inches per Rule, Or as App. proved.

Inches per Rule, Or as Approved.

3 as per profile

11 x 45

bulb plate

BULKHEADS.

Number.

Thickness.

STIFFENERS.

Single or Double Frames.

Height up, state deck

Vessel.

Per Rule.

Inches.

Horizontal.

Vertical.

Inches.

Inches.

Inches.

Inches.

Inches.

W.T.BULKHEADS

3

3

26

5 1/2 x 30

30 single

9 1/2 D.K.

after peak

" COLLISION "

PARTITION

LONGITUDINAL,,

30 One semi-bulkhead

30 20 1/2 x 30

6 1/2 x 30

24

4 D.K.

Are the outside Plates doubled two spaces of Frames in length?

Are the Snaice Valves and Watertight Doors in efficient working order?

Are the outside Plates doubled two spaces of Frames in length?

Are the Snaice Valves and Watertight Doors in efficient working order?

FORGINGS or CASTINGS.

Inches in Ship.

Inches per Rule, Or as Approved.

KEEL, Bar, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

" for Propeller

RUDDER-A x D* Table 22. Speed

" Main-Piece, diameter at head

" " " at heel

Flat plate keel

steel plate

5 1/2 x 3

5 1/2 x 3

10 knots

57.9

4

3

RUDDER, how constructed

" Thickness of Plates or Single Plate

Can the Rudder be unshipped afloat?

Forging, shrunk on, single pl.

54

Yes

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.?

Open hearth process.

Has the Steel been tested as required by the Rules?

The Cornwell Iron Co. Ltd and South Durham Steel and Iron Co.

Open hearth process.

Yes

PLATING.

RIVETING.

STRAKES.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

BUTTS.

Ordinary or jogged?

Ordinary

Double or Treble and for what Length.

RIVETS.

STRAPS.

IF LAPPED.

Flat Plate Keel

Garboard or A Strake

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

35

48

40

40

35

48

38

34

32

34

42

36

2 1/2

3 1/4

3

2 1/2

3 1/4

2 5/8

5

THICKNESS OF SHEET

CLEAR OF LONG BRIDGE

DO. OF STRAKE BELOW

DELG. of Flat Plate Keel

Sheerstrake

POOP SIDES

SHORT BRIDGE SIDES

FORECASTLE SIDES

increased to .68 in way of break

24

Upper Deck

Stringer Plate

Second Deck

Stringer Plate

Butts, double riveted for

Butts, riveted for

Butts of Side Stringers

Tie Plates

Inner Bottom Plating, riveting of Edges

Centre Girdle Butts,

Frames, riveted through Plates with

Rivets, state whether Iron or Steel

full

full

Butts

Butts

3/4

iron

FRAMES extend in one length from

REVERSED FRAMES on floors

centre line

only

State if ordinary or jogged

State if ordinary or jogged

joggled

ordinary

MASTS, SPARS, &c.

LOWER MASTS

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails

Material.

Total Length.

At Partners.

Heel.

Hounds.

Head.

No. of Plates in round.

ANGLES.

RIVETING.

P. pine

60'-3"

12"

pole mast

27'-9"

8"

3

Number.

Size.

Seams.

Butts

Fore

Main

Mizen

2 1/2" steel wire

3" and 1 1/2" steel wire

Sails, the staysail and mizzen

Sails, and the following spare sails

2 1/2" steel wire

3" and 1 1/2" steel wire

Sails, the staysail and mizzen

Sails, and the following spare sails

EQUIPMENT No. 4687				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS								
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				lbs.		
71580	1st Bower ...	7	1	10	-	-	-	9	11	2	7	7	1	0	Shant hornstock	Shingly Hm Ltd N.23/6/14 H. Green
71581	2nd " ...	7	0	19	-	-	-	9	9	1	14	7	0	0	"	" " " N.25/6/14 "
	3rd " ...															
	4th " ...															
	Collective weight	14	2	1								14	1	0	Flammar	drop band tests.
71657	Stream ...	2	1	0	0	2	16	4	15	0	0	2	1	0	Ordinary	Shingly Hm Ltd N.29/6/14 H. Green
	Kedge ...	0	3	6	0	0	23					0	3	0		

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE Supplied.		Length and size per Table 31.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towing.	Length and size per Table 31.					
	Fathoms.	Inch.		Tons.	qrs.						lbs.	Fathoms.		Inch.	Tons.	qrs.	lbs.	Fathoms.	Inch.
55413	90	7/8	10-12-13	36-0	14-35-0-10	165	1/16	Steel	Shingly Hm Ltd N.30/6/14 H. Green	TOWLINE	75	6 1/2	manilla	75	6 1/2				
55414	75	7/8	10-12-13	30-0	14-29-0-15	150	1/16	Steel	Shingly Hm Ltd N.30/6/14 H. Green	HAWERS & WARPS	90	4	manilla	90	4				
	15	2 1/4	9 1/2	66-1	64-1-0	45	2 1/4		Craven & Speeding Bros Sunderland										

Boats 2 lifeboats **Steering Gear, Steam and** **Steering Gear, Hand** Carrion Co.

Pumps, Number 2 **Diameter of Barrel** 4" **State whether they are in efficient working order** Yes

Windlass is Emerson Walker 46" **Capstan** Emerson Walker 46" **Height above deck?** 12 ft

Engine Room Skylights.—How constructed? Steel plates bangles **What arrangements for deadlights in bad weather?** Steel plates bangles

Coal Bunker Openings.—How constructed? Steel covers **How are lids secured?** Screwed **Height above deck?** 12 ft

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** 6 and 4 freeing ports @ side @ 2'-6" x 15" also two @ 2'-3" x 14"

Ceiling in Holds, thickness and material 2 1/2" pine **Cargo Battens,** thickness and material 2" pine

Cargo Hatchways.—How formed? steel plates and angles **Hatches, If strong and efficient?** Yes

State size No. 1 Hatch (Forward) 41'-10 1/2" x 12'-0" **No. 2 Hatch** No. 3 Hatch No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 9 web plates. No fore afters

Bulwarks, height above deck and description 3'-6" x 2 1/4" steel plate **Main Rail, material and size** 5 x 2 1/2" x 36" bull angles

The foregoing is a correct description. **Builder's Signature (three only)** Charles F. Moulden & Co. **Surveyor's Signature** J. Macdonald **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 10/12/13, E 14/4/14 and 1/5/14 M 24/4/14 and 13/6/14

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? joggled frames **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?** very few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped. Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes **State results of tests** Good

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? 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 Letters and otherwise in general conformity with the Rules. The materials and workmanship are good. The approved plans (five in number) are forwarded herewith.

The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 2 : 0 : 0 **Fees applied for,** SEP 30 1914

Special Survey Fee £ 12 : 15 : 0 **Received by me,** 12/1/14 13/10

Travelling Expenses, if any £ : : **Certificate to be sent to** NEWCASTLE-ON-TYNE **Date of issue** 14/10/14.

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 without

Committee's Minute FRI. OCT. -2. 1914

Character assigned 100 A1

Lloyds A & B P. 2. M. b. 9. 14.

J. Macdonald **Surveyor to Lloyd's Register of British and Foreign Shipping.**

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 40.75 ft., Bridge 8.3 ft., Forecastle 22.0 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 (ste)

Official No. 137400; Signal Letters _____

State if Machinery is fitted aft yes

How are the surfaces preserved from oxidation? Inside Cement & 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,	15-11	31
Double bottom, under Engines and Boilers,			After peak tank,	7-7	12
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,		
			(If necessary, furnish further information by sketch.)		
	Total capacity of double bottom				

* 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. 4499

Date 21.3.1914

No. 166 in builder's yard.

DATES of Surveys held while building

1914
Mar. 3. 13. 25. Apr. 1. 15. 20. 24. 28. May. 6. 12. 20. 28. Jun. 3. 5. 8. 11. 29. Jul. 1. 9. 17. 20. Aug. 7. 14. 17. 20. 24. Sep. 10. 14. 17. 21. 24.

Total No. of Visits 33

Surveyor's Signature

J. Macdonald

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