

Disconnected Erections.

STEEL STEAMER.

SAT. 15. JUL. 1916

Received at London Office

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

Date of completion of report *July 12, 1946*
Survey held at *Sunderland*

Port of *Sunderland*

No. 26754

Survey held at Junderland Date, F
On the 5.5th Etal Manos

Date, First Survey

Last Survey ✓

6th July 1916

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

CLASS *100 A.I.*

FEET.

Master W^m Turnbull

Year of appointment (1) As owner of present vessel: 1902
(2) As Master of this vessel: 1916

Built at Sunderland

When built 1916 Launched May 31st 1916

By whom built J. Brown & Sons L^o

Owners: John Fenwick & Sons

Managers

Residence 57 Gracechurch St^t

Port belonging to *Newcastle*

If Surveyed while Building, Afloat, or ~~in Dry Dock~~ ^{during} Construction

ON DECK

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

per Rule

267

104

37

8

Do.

do.

do.

do.

Second Dk. Beams

17

8

No. of Tiers of Beams

one.

Dimensions of Ship per Register. Length

268.0

breadth

37.9

depth

17.6

Moulded depth, ft.

26

ins.

9

To Bridge Dk.

Round of Upper

1

92

ins.

Moulded depth, ft.

19

ins.

9

To Upper Dk.

Dk. Beam, Actual

92

ins.

FRAMING.

Inches in Ship.

Inches in Ship.

Inches in Ship.

Inches per Rule Or as

Inches per Rule Approved.

Inches per Rule Or as

Inches per Rule Approved.

ME, Angles, or E or L Bars amidships

8

3

.58

8

3

.58

in peaks

52

3

.36

52

3

.36

in way of Double Bottoms at Solid Floors

3

3

.32

3

3

.32

at intermdt. Plts

232

232

ing of Frames from centre to centre amidships

from 1/2

length to Collision bulkhead

in peaks

8

8

inverted Frame, Angles

3

3

.32

3

3

.32

in way of Double Bottoms at Solid Floors

at intermdt. Dkts

8

8

MING, depth of girder

8

8

ORS, 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 1/2 the half breadth, as per Rule

height extended at the Bilges

ORS in Cell. Double Bottoms

state if flanged (top & bottom)

Spacing of Solid floors

TRE GIRDER, in Dbl. bottom, dpth. & thicknss

Angles, Top

Angles, Bottom

Angles, to Floors

Brackets at intermdt. frmg., with & thknss

E GIRDERS, number on each side & thickness

state if flanged (top and bottom)

Angles (top and bottom)

to Floors

GIN PLATE, depth (exclusive of flange)

and thickness

Angle to Outside Plating

Floors

Brackets at intermdt. frmg., with & thknss

Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

in Engine and Boiler space

R.G. Deck, Remainder in Holds

MS, Upper Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

Spacing

MS, Second Deck, Single Angle, Bulb

Angle, Plate, Tee Bulb, or Channel

Spacing

MS, 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

PILLARS.

Inches in Ship.

Inches in Ship.

Inches in Ship.

Inches per Rule Or as

Inches per Rule Approved.

Inches per Rule Or as

Inches per Rule Approved.

PILLARS, In 'tween Deck, size and spacing

22

47

22

47

Hold

35/8

47

35/8

47

Quarter 'tween Dks.,

in Hold

KEELSONS & STRINGERS.

Inches in Ship.

Inches in Ship.

Inches in Ship.

Inches per Rule Or as

Inches per Rule Approved.

Inches per Rule Or as

Inches per Rule Approved.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercostal 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

Intercostal Plate, for length

Attached to outside Plating with Angle

BILGE KEELSON, Angles

Intercostal Plate for length

Attached to outside Plating with Angle

SIDE STRINGERS, Number

Angles

Intercostal 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 full lng.

Thickness (clear of Bridge)

(in way of Bridge)

Wood Deck, Material & thickness

Second Deck Stringer Plate, br'dth & thickness

Angles on ditto, No.

Tie Plates outside Hatchways

Deck, * Iron or Steel, for full 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,

br'dth & 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

Cellular Double Bottom

not flanged

one .32

one .32

flanged on top edge

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

Form No. 1A.—Im, 7, 14. T.

[illegible]

EQUIPMENT No. 16381						LETTER 9						ANCHORS						Tonnage U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.	Anchors.	WEIGHT, E.K. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.			Makers.	Where and when tested and Superintendent.					
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.									
19771	1st Bower	33	0	0	Stockless				30	17	2	0	33	0	0	✓ Byers	not stated.	LPH-S. 15-10-15.					
19847	2nd "	32	3	21	do.				30	17	2	0	33	0	0	✓ "	"	24-10-15.					
20055	3rd "	29	0	7	do.				27	19	1	14	28	0	0	✓ "	"	24-12-15.					
	4th "																						
	Collective weight.	95	0	0									94	0	0								
45340	Stream ...	8	3	0	2	1	0		10	17	2	0	8	2	0	Ordinary	S. Daylor & Sons	LPH-T. 22-10-15.					
20421	Kedge....	4	2	14	1	1	0		7	0	0	0	4	2	0	"	"	S. 5-4-16 Haffner					

CHAIN CABLES.												HAWSEERS AND WARPS.											
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE				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 Towline.		Length and Size per Table 31.				
	Fathoms.	Inch.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					Fathoms.	Inch.	Length.	Cir.	Length.	Cir.	Fathoms.	Inch.	
47097	240	1 1/2	51 1/2	71 1/2	247	2	10	344	2	22	240	1 1/2	Stud S. Daylor & Sons	LPH-T. 27-10-15	POWLINE	90	3 1/2	26	90	3 1/2			
															HAWSEERS & WARPS	2-90	2 1/2	9 1/2	2-90	2 1/2			
																	4-90	2 1/2	7	2-90	1 1/2		
																	2-90	1 1/2	3 1/2				

Boats 2 lifeboats 22'-0" & one dinghy 16'-0"

Pumps, Number 1 Downson 1 hand pump 5 forepeak

Windlass is Emerson Walker & Thompson Bros

Engine Room Skylights.—How constructed? Plates & angles

Coal Bunker Openings.—How constructed? Plates & angles

What arrangements for deadlights in bad weather? Shut flap & bullock eyes

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 4 scuppers each side for 2' x 1' 8" freeing ports each side aft 2' x 1' 6"

Ceiling in Holds, thickness and material Pine 3" over bales only

Cargo Hatchways.—How formed? Plates & angles

Cargo Battens, thickness and material Pine 6 1/2 x 2

Hatches, If strong and efficient? Pine 3

State size No. 1 Hatch (Forward) 29' 4 1/2 x 23' 0 mean No. 2 Hatch 32' 5 x 25' 0 mean No. 3 Hatch 29' 4 1/2 x 24' 3 mean No. 4 Hatch 27' 5 x 22' 3 mean

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1-3 x 4 hatches = 4 webs, No. 2 hatch = five webs

Bulwarks, height above deck and description 4' 6" Stud Plank

No. of Breasthooks Two

Main Rail, material and size 5 1/2 x 3 x 8/20

No. of Crutches dunnies

The foregoing is a correct description.

Builder's Signature (here only) J. Crown

Surveyor's Signature John F. Isherwood & Rmm McLaren

Director

Reference should be made in any correspondence connected with the case M. 15.1.15

Correspondence.—State dates and initials of letters respecting this case

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & overlapped

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Jooggled plating

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? a few

Are the butts of Plating, Stringers, &c., properly shifted and strapped 1 or lapped?—Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 2)? Yes

State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 2)? Yes

State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.) This vessel has been constructed in accordance with the approved plans, the Secretary's letters as mentioned above, & on other respects in compliance with the requirements of the Rules

The materials & workmanship are good

The approved plans 8 in number are forwarded herewith for reference which please return for use in dealing with the Sister vessels now building

The vessel is a sister ship to the same Builders "Ford Castle" Sea Rpt No. 25083 & SS Wear Sea Rpt. 24990.

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 £ 4 : 0 : 0
Special Survey Fee... £ 69 : 17 : 6
Travelling Expenses, if any £ : :
Fees applied for 14 JUL 1916
Received by me. 14 JUL 1916
Certificate to be sent to SUNDERLAND. Date of issue 17.8.16.
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed + 100 A.I LATCP
With or without Freeboard, as condition of Class
John F. Isherwood & Rmm McLaren
Surveyors to Lloyd's Register of Shipping.
Committee's Minute TUE. 18 JUL. 1916
Character assigned 100A1
Lloyd's a.s.b.p.
+ Lmb. 7.16
FRI. AUG. 11. 1916

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.08 ft., R.Q.D. 82.25 ft., Bridge 50.9 ft., Forecastle 30.32 (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) 10th (S/C) Wee deck

Official No. 133582 ; Signal Letters

State if Machinery is fitted aft No

How 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 Yes

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, under Engines	101.10	172	Fore peak tank,	19.9	104.5
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	17.7½	100
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	103.9½	211½	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		383½	(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
Dry tank under boilers fitted with manhole covers but not tested per W.

Order for Special Survey No. 191

Date

12.1.15

No. 158. in builder's yard.

DAYS of Survey held while building

(1915) Mar 4.15.20. Apr. 8.12.14.15.16.21.27. May 4.6.10.13.28 Jun 1.4.7.8.11.15.17.21.29.30. Jul 6.20.22.26.29 Aug 4.6.10.16.20.25 Sep 2.7.13.17.23.29 Oct 6.6.8.20.26 Nov 4.12.17.19.25 Dec 7.15.16.30 (1916) Jan 7.12 Mar 1.7.8.9.16.21.24 Apr 10 May 17.19.29 Jun 14.22.28 Jul 4

Total No. of Visits 77

Surveyor's Signatures John F. Sherwood & R. M. McLarner