

With or Without Disconnected Erections.

STEEL STEAMER.

WRECK BOX

No. 47 Top

Received at London Office 21 FEB 1921

Date of completion of report
Survey held at

Lowestoff

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

No

Port of London

No.

84049

1921

Date, First Survey

Oct 31st 1919

Last Survey

Jan 14th

Rig

S. S. Tidal

(Yard Number 107)

CLASS + 100 A1

FEET.

Master

Year of appointment

(1) As Master in service of
owner of present vessel;—19
(2) As Master of this
vessel;—19

Built at

Lowestoff

When built

1920

Launched

26 Oct. 1920

By whom built

Messrs Colby Bros Ltd

Owners

Walter James Williams

Managers

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

Residence

Merthyr House Cardiff

Port belonging to

Cardiff

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

TONNAGE under Tonnage Deck

371.92

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

Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

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

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

Breadth (greatest moulded)	24.916
Depth, at middle of length from top of keel to top of upper deck beams at side	13.25
Transverse Number	38.166
Length on deck from fore part of stem to after part of stern post	164.83
Longitudinal Number	6290.9
Depth "d" at middle of length (See Secs. 2 & 13)	11.25
Proportions—Depth to Length—Upper Deck Beam at side to top of keel	12.44
" " Long Bridge Deck Beam at side to top of keel	

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Yes

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
164	10		24	11		11	3 1/4		One	One

Dimensions of Ship per Register, Length 165.0 breadth 25.0 depth 10.9 Moulded depth, ft. 13 ins. 3 To Bridge Dk. Round of Upper Dk. Beam, Actual 6 1/4 ins.

FRAMING.						PILLARS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule		Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule	Inches per Rule
FRAME, Angles, or Bars amidships	5 1/2	3	32	5 1/2	3	PILLARS In 'tween Deck, size and spacing	2 3/8	44	2 3/8	44	
Do. in peaks	4	3	36	4	3	" " Hold	3	44	3	44	
Do. in way of Double Bottoms at Solid Floors	3	3	28	3	3	" Quarter 'tween Dks.,					
" " at intermdt. Bkts.	3 1/2	3	30	3 1/2	3	" " in Hold					
Spacing of Frames from centre to centre amidships	22			22							
" " from 1/2 length to Collision bulkhead	22			22							
" " in peaks	22			22							
REVERSED FRAME, Angles											
Do. in way of Double Bottoms at Solid Floors	3	3	28	3	3						
" " at intermdt. Bkts.											
FRAMING, depth of girder	14	x	40	14	x	40					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	30	x	28	30	x	28					
" in way of Engine and Boiler Spaces	14	x	34	14	x	34					
" thickness at the ends of vessel	28	26		28	26						
" depth at 1/2 the half breadth, as per Rule	21			21							
" height extended at the Bilges	26			26							
FLOORS in Cell. Double Bottoms	28			28							
" state if flanged (top & bottom)	10			10							
" Spacing of Solid floors	44			44							
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	30	x	36	30	x	36					
" " Angles, Top	3	3	34	3	3	34					
" " Bottom	3 1/2	3 1/2	36	3 1/2	3 1/2	36					
" " to Floors	3	3	28	3	3	28					
" Brackets at intermdt. frmg., wdth & thknss	12	x	28	12	x	28					
SIDE GIRDERS, number on each side & thickness	One	28		One	28						
" " state if flanged (top and bottom)	10			10							
" " Angles (top and bottom)	3	3	28	3	3	28					
" " to Floors	2 1/2	2 1/2	28	2 1/2	2 1/2	28					
MARGIN PLATE, depth (exclusive of flange) and thickness	20	x	30	20	x	30					
" " Angle to Outside Plating	3	3	30	3	3	30					
" " Floors	3	3	28	3	3	28					
" Brackets at intermdt. frmg., wdth & thknss	12	x	28	12	x	28					
Height of Outside Brackets above at bilge	2			2							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	30	x	34	30	x	34					
" " in Engine and Boiler space											
" " Remainder in Holds	28			28							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	30	5	3	30					
" " In way of Long Bridge											
" " Spacing	22			22							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
" " Spacing											
BEAMS, 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	4	3	30	4	3	30					
" " Angles on upper edge											
" " Spacing	22			22							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	30	5	3	30					
" " Angles on upper edge											
" " Spacing	22			22							
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	30	4 1/2	3	30					
" " Angles on upper edge											
" " Spacing	22			22							

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

[illegible]

EQUIPMENT NO. 6875						LETTER "H"						ANCHORS.						TONNAGE U.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate	Anchors.	WEIGHT OF STOCK			TEST PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.										
		Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Tons.	cwts.				qrs.	lbs.								
33858	1st Bower ...	12	3	6	-	-	-	14	8	1	21	12	2	0	Stockless	Fellows Bros & Co	C.H. 11-3-20 S.C. Paul						
33859	2nd "	12	2	12	-	-	-	14	8	1	21	12	2	0	"	"	"						
33860	3rd "	11	0	10	-	-	-	13	0	0	0	10	2	0	"	"	"						
	4th "																						
	Collective weight.	35	2	0								35	2	0									
33861	Stream	4	0	0	1	0	4	6	7	2	0	4	0	0	Ordinary forged iron	Fellows Bros & Co	C.H. 11-3-20 S.C. Paul						
33862	Kedge	1	3	20				2	14	4	7	0	21	1	3	0	"						

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower 8-2-10 N.C. 1973 24-9-18
2nd " 8-3-21 N.C. 2076 26-9-18
3rd " 7-1-14 C.R.H. 501 8-5-19
4th "

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE Supplied.		Per Rule.	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.	Inches.		Cwts.	qrs.		lbs.	Fathoms.					Inches.	Fathoms.		Inches.	Fathoms.	Inches.	
29159	195	1 1/8	22 3/4	34 3/4	130	2	126	1	0	195	1 1/8	Steel Link	Fellows Bros & Co	C.H. 31-3-20 C.S. Paul	TOWLINE Fathoms 75 Inches 2 3/4	Length 75 Inches 2 3/4			
Stream (Cast Steel Wire)	60	1 1/8	1	15 1/4						60	1 1/8	Steel Link			HAWSERS & WARPS Fathoms 90 Inches 2 1/4	Length 90 Inches 2 1/4			

Boats Two 16'0" x 5'7 1/2" x 2'3"
Pumps, Number Three. Two in Hold
Windlass is Steam driven acting 7 1/2" x 5" Stroke
Engine Room Skylights.—How constructed? Plate and angle
Coal Bunker Openings.—How constructed? Steel Grating, and Rivet caps
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Four each side. One freeing port each side fore well 2'-6" x 1'-9"
Ceiling in Holds, thickness and material 2 1/2" W.Pine in body of hatchways
Cargo Hatchways.—How formed? Plate and angle
State size No. 1 Hatch (Forward) 27'-0" x 14'-9" No. 2 Hatch 29'-4" x 14'-9" No. 3 Hatch No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch Two in No. 1 and Five in No. 2
No. of Breasthooks No. of Crutches
Bulwarks, height above deck and description 3'0" Steel
The foregoing is a correct description.
Builder's Signature (here only) F. DARGY COOPER and GRANVILLE H. BULLMORE
Surveyor's Signatures A.E. Larminer and Norman Dobson
Correspondence.—State dates and initials of letters respecting this case. (Reference should be made in any correspondence connected with the case)
Workmanship. Are the butts of plating planed or otherwise fitted? Chipped
Is the riveted work properly closed?
Are the liners between the frames and plates solid single pieces? Yes where fitted
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? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory
General Remarks (State quality of workmanship, &c.)
This vessel has been built in accordance with the approved plans and Secretary's letter of 15th Sept 1919 and subsequent date. The workmanship and material is good.
The vessel has proceeded to Sunderland where the machinery will be installed and the survey completed. The Sunderland Surveyors have been advised. See letter attached hereto.

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.

From Thomas, not yet known
The amount of Entry Fee £ 4 : 0 : 0
Special Survey Fee £ 50 : 4 : 0
Trawling Expenses, if any £ 9 : 9 : 6
Fees applied for, Received by me, 1/6 1921 7/7 1921
Certificate to be sent to Date of issue 7/7/21
I am of opinion this Vessel should be Classed With, or without Freeboard, as condition of Class
Committee's Minute Character assigned
TUE MAY 23 1921
A.E. Larminer and Norman Dobson
Surveyors to Lloyd's Register of Shipping.
Cargo batten not fitted
Lloyd's ass't P.
Linn J. (n)
+ L.M.B. 4.21 c.L.
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *49.6* ft., R.Q.D. ☒ ft., Bridge *9.2* ft., Forecastle *2.3* 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 should appear in the Register Book)

Official No. _____; Signal Letters _____ State if Machinery is fitted aft *Yes*
How are the surfaces preserved from oxidation? Inside *Paint and 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, <i>No 2</i>	<i>42</i>	<i>57</i>	Fore peak tank,	<i>15.6</i>	<i>31</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>11.0</i>	<i>12</i>
Double bottom, if under Engines only,			Deep tank, aft,	<i>✓</i>	
Double bottom, if under Boilers only,			Deep tank, forward,	<i>✓</i>	
Double bottom, forward, <i>No 1</i>	<i>48</i>	<i>47</i>	Other tanks, if fitted,	<i>✓</i>	
Total capacity of double bottom		<i>104</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 *Yes*

Order for Special Survey No. _____

Date _____

No. *107* in builder's yard.

DATES of Surveys held while building

1919: Oct 31 Nov. 20 1920: Jan 21 Feb. 5 Mar 5-14 Apr 8 May 13-24 July 9-14 Aug 12 Oct 6
22-25 Nov 14-26-30 Dec 6-13-20 1921: Jan 5-14

Total No. of Visits *2*

Surveyor's Signatures *A. G. Farminer Norman Dobson*

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