

STEEL STEAMER or MOTORSHIP.

14 MAY 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel *No*State if Report is sent on the Machinery of the Vessel *YES*

Date of completion of report

4/5/30

Port of

Southampton

No.

13917

Survey held at

Cowes. I.O.W.

Date First Survey

4/5/29

Last Survey

6/5/30

19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Paddle Ferry Steamer "WILL CROOKS"

(Machinery Amidships.)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

State Type of Erections *Vehicle Deck*

TONNAGE under Tonnage Deck...

407.09

CLASS *A1* for Woodwork + ferry purposes.

State if with freeboard as condition of Class

FEET.

Do. of space or spaces between Tonnage Dk. and Upper Dk.

214.31

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 171.5

Breadth (greatest moulded)

B 44.0

Depth at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 7.5

Total

621.4

Gross Tonnage

621.4

Register Tonnage

326.59

1st Longitudinal Number (L x D) = 1286

2nd Numeral L x (B + D) = 8832

Framing Depth "d," at middle of length. See Sec. 3 (1d)

6.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel

22.8

Do. Long Bridge to top of keel

Draught Moulded

4.66

Built at East Cowes

Launched 20th Nov. 1929. Yard No. 1684

Builders J. Samuel White & Company Ltd

Owners The London County Council.

Managers

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

Residence

Port of Registry London.

If surveyed while building, afloat, or in dry dock

Building + Afloat.

REGISTERED DIMENSIONS.

FEET.

Length

166.4

Breadth

44.1

Depth

6.8

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	24"		Bracket Floors, Frame		
" " from $\frac{3}{4}$ length to Collision bulkhead	24"		" " Reversed Frame		
" " in peaks	for 21 Aft. 22 $\frac{1}{2}$		" " Vertical Struts		
FRAME FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \angle or \angle	4 $\frac{1}{2}$ x 3 x .36		" " top Angles		
" " Extends up to	Upper Deck		" " bottom Angles		
Reversed Frame Amidships, Angle	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 30		Side Girders, No. each side and thickness		
" " Extends up to	Across top of floor		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	4 $\frac{1}{2}$ "		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \angle	4 $\frac{1}{2}$ x 3 x .36		Bracket abaft $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, \angle or \angle			" " Vertical Angle to Tank side		
" " Third " " " "			Bracket forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle \angle or \angle	4 $\frac{1}{2}$ x 3 x .36		" " Gussets, spacing and scantling		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8" Dia. 4 $\frac{1}{2}$ " 7" Dia. apart.		abaft $\frac{1}{4}$ len. from stem		
State if Frame Joggled	YES.		" " Gussets, spacing and scantling		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars			forward $\frac{1}{4}$ len. from stem		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Tank Side Brackets, height above base line at toe of Frame and thickness		
SINGLE BOTTOM.			INNER BOTTOM PLATING.		
Floors, Depth and thickness at mid-line in Holds \angle or \angle spaces	15" x 38		Breadth and thickness of Middle Line Strake		
Height of Brackets at side above base line at toe of frame			Thickness of remainder in Holds		
Middle Line Keelson, on Floors, Angles, \angle or \angle	4 x 3 x .36		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
" " " Through Plate or Intercoastal Plate	36" - 30		BEAMS.		
" " " Foundation Plate on Floors			Uppermost Continuous Deck, amidships		
" " " Flat Plate Keel Angles	3 x 3 x .35		in Wells Angle, \angle or \angle	8 x 3 x 3	375W. 50F.
Side Keelsons, No. each side	ONE.		" " in way of Bridge, Angle, \angle or \angle		Do.
" " thickness of Intercoastal Plate	30		Spacing		Alternate frames
" " Angles	4 x 3 x .36		Second Deck, amidships, Angle, \angle or \angle		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing			Third Deck, amidships, Angle, \angle or \angle		
" " Are Frame and Reversed Frame joggled?			Spacing		
Bracket Floors, breadth and thickness at middle line			Fourth Deck, amidships, Angle, \angle or \angle		
" " breadth and thickness at margin plate			Spacing		
			Poop Deck, Angle, \angle or \angle		
			Spacing		
			Vehicle Deck Bridge Deck, Angle, \angle or \angle	10 x 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	38W. 575F.
			Spacing		On Every Frame
			Forecastle Deck, Angle, \angle or \angle		
			Spacing		

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows..... <i>3 Rows in ER, 2 Rows Elsewhere.</i>			Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....	✓		Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "	✓		Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " "	✓	<i>4" Diam x 7/16 Tube generally on Alt. frames.</i>	Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells <i>42 1/2 x .34</i>			If Plated, state thickness		
" " " " in way of Bridge <i>Do.</i>			Poop Deck.		
" Angle in Wells <i>3 x 3 x .36</i>			Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells <i>.24</i>			Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge <i>Do.</i>			Bridge Deck.		
Thickness of Plating within line of openings... <i>Do.</i>			Stringer Plate, breadth and thickness..... <i>49 1/2 x .26</i>		
If Sheathed, material and thickness <i>2 1/2" Pitch Pine.</i>			Plating, Sheathing, material and thickness ... <i>4" 19/16 Pine 1 1/2" Jarrah sheathing.</i>		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness ...	✓	

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	<i>48</i>	<i>.35</i>	<i>.35</i>	<i>.30</i>	✓	<i>Double</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped.</i>
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes <i>54</i>		<i>.30</i>	<i>Throughout.</i>		✓	<i>Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes <i>51</i>		<i>Do.</i>				<i>Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped</i>
SIDE PLATING, No. of Strakes <i>41</i>		<i>Do.</i>				<i>Single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>Double</i>	<i>5/8</i>	<i>2 1/4</i>	<i>Lapped.</i>
UPPER DECK, Sheer-strake in Wells <i>33</i>		<i>.44</i>	<i>.30</i>	<i>.30</i>	✓	<i>Double</i>	<i>3/4</i>	<i>3</i>	<i>Treble</i>	<i>3/4</i>	<i>2 5/8</i>	<i>Lapped.</i>
UPPER DECK, Sheer-strake in Bridge ...												
STRAKE BELOW Sheer-strake in Wells.....												
STRAKE BELOW Sheer-strake in Bridge ...												
POOP SIDE PLATING												
BRIDGE SIDE PLATING ...		<i>.30</i>	<i>.24</i>	<i>.24</i>								
FORECASTLE SIDE PLATING												

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *Seven.*

" Deck next below *✓*

As per Rule *4.*

Plating Thickness.	STIFFENERS.			
	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.

MIDSHIP BULKHEAD, Upper tween decks

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM <i>Roller Bar</i>	<i>Forging.</i>	<i>52x2.</i>	<i>J.S. White & Co.</i>	
STERN FRAME { Propeller Post				
{ Rudder "				
RUDDER—A x D				
Speed of Vessel		<i>8 1/2 Knots.</i>		

EQUIPMENT No.											LETTER	ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Or as approved. Cwts.			
44740.	1st Bower ...	10	—	—	✓	—	—	12	0	0	0	10.	Stockless.	Not stated.	Bradley Heath. 12/9/29.
	2nd „ ...												Yellow Cast Steel		R.F. Drysdale.
	3rd „ ...												Head.		
	Collective weight.	10	—	—											
	Stream														

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
43672	90	1	18	27	46.1.4	45.9	90	1	Stud	Henry REECE	Bradley Heath. 21/11/29 S.C. Paul.	TOWLINE...					
43608	30	3/4	6.15	13	9.1.26	9.375	60	3/4	Short Link	Do.	Do.	HAWSERS & WARPS					
43603	30	3/4	6.15	13	9.1.17	9.375			Do.	Do.	Do.		Manilla.	120	4		
Iron Stream Chain or Steel Wire		Cir.						Cir.				Do.	120	5.		120	5

Steering Gear, Steam *Mapin Bros Ltd. Glasgow.* Steering Gear, Hand *Tiller.*

Boats *None.* Steering Chains, Size and Test *Control Rods. 1 1/4"* Windlass *✓*

Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways.—(Upper Deck) *✓* Thickness of Hatches *✓*

Size of No. 1 Hatchway (Forward) *✓* No. 2 *✓* No. 3 *✓* No. 4 *✓* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *✓* Capstans by *Emmerson Walker.*

For J. Samuel White & Company. Ltd.

Builder's Signature *[Signature]* Managing Director.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *No.* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No.* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

P.T.O

The amount of Entry Fee £ 4 : 0 : 0 Fees applied for, *12/5/1930*

Special Survey Fee.... £ 62 : 2 : 6 Received by me, *2.7.1930*

Travelling Expenses, if any £ 4 : 0 : 0

I am of opinion the Vessel should be Classed *A7.*
For Woolwich Ferry Purposes.

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

Signature *[Signature]*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Southampton* Date of issue *3/7/30*

Committee's Minute

FRI. 16 MAY 1930

Character assigned

+ A1
For Woolwich Ferry Services

Lloyd's A+C, + Lmb, 5.30 2D,
Elec. Lt.,
RB



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Lloyd's Register
Foundation

0131 2/2

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

This vessel is a Steel ~~Paddle~~ Ferry Steamer intended for service on the River Thames, and has been built under Special Survey, in accordance with approved plans, (4 in No. hereinto enclosed) the Secretary's Letter of various dates, and in conformity with the Rules for the class contemplated. The workmanship is good. The decks, waterways, and bulkheads have been tested as per rule and found satisfactory. The steering gear, capstans and pumps have been tested under working conditions and found satisfactory.

Plans enclosed:— Midships Section
Profile and Deck
Details of Steering quadrant and tiller. } 4 Plans.
Details of Rudder and fin keel.

Copies of London County Council's Specifications and plans enclosed with Secretary's Letter M. 3/4/29 are enclosed herewith. 2 Specifications
3 plans

This vessel is a sister ship to the 'JOHN BENN', same builder, yard number 1685.

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

1st Bower B-0-27 Cwt. M.A.B. 1073. 31/1/29.
2nd „
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Dk. (pt. stl.).

Official No. 161405.; Signal Letters ☒ Is bottom of Vessel coated with cement No. if not give particulars of composition Bitumastic.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, Double bottom, under Engines and Boilers, Double bottom, if under Engines only, Double bottom, if under Boilers only, Double bottom, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Fore peak tank, After peak tank, Deep tank, aft, Deep tank, forward, Other tanks, if fitted, (If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. ☒

Date 5/4/29.

Dates of Surveys held while building

1929 May 7, 28. June 3, 18. July 3, 5, 15, 31. Aug. 9, 13, 28. Sept. 3, 12, 16, 25. Oct. 1, 15, 22, 25. Nov. 8, 14, 27, 29.
Dec. 12, 17. 1930 Jan. 3, 17, 21, 29. Feb. 12, 21, 25. March 6, 10, 17. April 8, 11, 23. May 6.

Total No. of Visits 39.