

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

Date of completion of report *17<sup>th</sup> June 1926.* Port of *Glasgow* No. *45260*  
Survey held at *Frangemouth* Date First Survey *11<sup>th</sup> March 1926* Last Survey *15<sup>th</sup> June 1926*  
On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Machinery aft Single Screw* *CLYDEFORTH*  
State Type (Full Spantling, Complete Superstructure with or without Tonnage Openings) *Restricted Class. "Works Boat"* State Type of Erections *Poops only*

<b>TONNAGE under Tonnage Deck...</b> 62.89		<b>CLASS</b> <i>TA</i> <i>For Canal Service</i> <small>State if with freeboard as condition of Class</small> <i>no</i>		Built at <i>Grangemouth</i>	
<b>Do. of space or spaces between Tonnage Dk. and Upper Dk.</b> ✓		<b>Length</b> <i>from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)</i> <b>L</b> 60.00		Launched <i>10<sup>th</sup> June 1926</i> Yard No. <i>412</i>	
<b>Total</b> 62.89		<b>Breadth</b> (greatest moulded) ..... <b>B</b> 18.00		Builders <i>The Grangemouth Dockyard Co. Ltd.</i>	
<b>Gross Tonnage</b> 66.52		<b>Depth</b> , at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... <b>D</b> 9.25		Owners <i>London Midland &amp; Scottish Railway Co.</i>	
<b>Register Tonnage</b> 29.93		<b>1st Longitudinal Number</b> (L × D) ..... = 555		Managers ..... ✓ <small>(Where necessary to be entered in Reg. Book.)</small>	
		<b>2nd Numeral</b> L × (B + D) ..... = 1635			
<b>REGISTERED DIMENSIONS.</b> <small>FEET.</small>		<b>Framing Depth "d,"</b> at middle of length. See Sec. 3 (1d) ..... 8.75		Residence <i>London</i>	
<b>Length</b> 60.0		<b>Proportions</b> —Depth to Length—Uppermost continuous deck to top of keel ..... 6.48		Port of Registry <i>Grangemouth</i>	
<b>Breadth</b> 18.05		Do. Long Bridge to top of keel ..... ✓		If surveyed while building, afloat, or in dry dock	
<b>Depth</b> 8.25		<b>Draught Moulded</b> ..... 5'-5 1/4"		<i>Yes.</i>	

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing</b> <del>amidships</del> <i>throughout</i>	21"	✓	<b>Bracket Floors, Frame</b> .....		
" " from $\frac{1}{2}$ length to Collision bulkhead.....	✓		" " Reversed Frame .....		
" " in peaks.....	✓		" " Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Frame Amidships, Angle,</b> <del>1 in 12</del> 4 3 30	4 3 30	✓	" " top Angles .....		
" " Extends up to <i>deck</i>	<i>deck</i>	✓	" " bottom Angles .....	48	
<b>Reversed Frame Amidships, Angle</b> .....	2 1/2 2 1/2 25	✓	<b>Side Girders, No. each side and thickness</b> .....		
" " Extends <del>up to</del> <i>across floors</i>		✓	<b>Margin Plate depth (excl. of flange) and thickness</b> .....		
<b>Depth of Framing Girder</b> .....	4	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem .....		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b> .....	✓		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem .....		
" " <b>Second 'tween Decks, Angle, [ or [</b> .....	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " <b>Third</b> " " " " .....	✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem.....		
<b>Framing in Peaks, Angle</b> <del>1 in 12</del> 4 3 30	4 3 30	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	5/8" @ 4 1/2"	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b> .....	Yes.	✓	Breadth and thickness of Middle Line Strake ...		
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars)	✓		Thickness of remainder in Holds .....		
<b>TRENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....	✓		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?.....	Yes	✓
<b>INGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b> .....	12" x 26	✓	<b>Uppermost Continuous Deck, amidships)</b> <del>thru beams in Way, Angle, [ or [</del>	4 3 30	✓
Height of Brackets at side above base line at toe of frame .....	✓		" " in way of Bridge, Angle, [ or [ .....	✓	
<b>Middle Line Keelson, on Floors, Angles,</b> <del>1 in 12</del> 3 3 32	3 3 32	✓	Spacing .....	21"	✓
" " <b>Through Plate on Intercoastal Plate</b> .....	28	✓	<b>Second Deck, amidships, Angle, [ or [</b> .....	✓	
" " <b>Foundation Plate on Floors</b> .....	✓		Spacing.....	✓	
" " <b>Flat Plate Keel Angle</b> <i>single</i> 3 3 25	3 3 25	✓	<b>Third Deck, amidships, Angle, [ or [</b> .....	✓	
<b>Side Keelsons, No. each side</b> .....	One	✓	Spacing.....	✓	
" " thickness of Intercoastal Plate...	✓		<b>Fourth Deck, amidships, Angle, [ or [</b> .....	✓	
" " <b>Bulb Angle</b> <i>single</i> 6 3 36	6 3 36	✓	Spacing.....	✓	
<b>DOUBLE BOTTOM.</b>			<b>Poop Deck, Angle,</b> <del>1 in 12</del> 3 1/2 3 30	3 1/2 3 30	✓
<b>Solid Floors, thickness and spacing</b> .....			Spacing.....	42"	✓
" " Are Frame and Reversed Frame joggled?.....			<b>Bridge Deck, Angle, [ or [</b> .....	✓	
<b>Bracket Floors, breadth and thickness at middle line</b> .....			Spacing.....	✓	
" " breadth and thickness at margin plate.....			<b>Forecastle Deck, Angle, [ or [</b> .....	✓	
			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.
<b>PILLARS</b> , No. of Rows.....		✓		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 .....	✓		
"    "							

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

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

„ Deck next below *✓*

As per Rule *3*

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks		✓				✓
"	" Second "	✓				✓
"	" Third "	✓				✓
"	" Holds .....	✓	32	4		
		36	4x3x30	30"	✓	✓
		36	4			
		36	4x3x30	24"	✓	✓
		31	4			
		30	3x3x30	30"	flat	✓
COLLISION						
	" (in Hold) .....					
AFTER PEAK						
"	" .....					

FORGINGS ~~and CASTINGS.~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....		flat plate		
<b>STEM</b> .....		none		
<b>STERN FRAME</b> {	Propeller Post .....	forging 8"x2"	Swedish Forge ✓	
	Rudder " .....	" 4 3/4"x2		✓
<b>RUDDER—A×D</b> .....		22.57		✓
<b>Speed of Vessel</b> .....		6 Knots		✓
<b>RUDDER</b> mainpiece at head ...		3" Swedish ✓		
" " heel ...		2 5/8" Forge ✓		2 1/2"
" how constructed .....		forging with arms at pintles		
" double or single plate .....		Single plate .62 ✓		
" coupling, vertical or horizontal .....	✓			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*  
*David Colville & Sons Ltd.*

Has the Steel been tested as required by the Rules?

Yes.

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Lloyd's Register  
Foundation



23 JUN 1926

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.				
	1st Bower ...														
	2nd ,, ...														
	3rd ,, ...														
	Collective weight.														
	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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
														TOWLINE...					
														HAWSERS & WARPS					
														"					
														"					
Iron Stream Chain or Steel Wire		Cir.								Cir.									

Steering Gear, Steam ☒ Steering Gear, Hand ☒ *hand tiller only.*

Boats ☒ Steering Chains, Size and Test ☒ Windlass ☒

Ceiling in Hold, thickness and material *2" W.P.* Cargo Battens, thickness, material and spacing ☒

~~Lower~~ Hatchway (Upper Deck) *Uncovered opening 17'-6" x 11'-0" framed with steel plates and angles.* 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 *Hatchway fitted with four 6x6" p.p. cross beams.*

THE GRANGEMOUTH DOCKYARD COY., LTD.

Builder's Signature *W. G. G. G.*

GENERAL DECLARATION *The materials and workmanship are good. The vessel has been built in accordance with the approved plans and instructions, the Secretary's letters of various dates, and in general conformity with the Rules for the class contemplated. The peaks, decks and bulkheads have been tested in accordance with the Rules. Shell clear of peaks has been hose tested.*

*forwarded 19-6-26*  
*The following approved plans forwarded herewith:- (Midship Section, Profile & Deck Plan, Forewing Plan, Engine & Boiler Seats, Pumping plan, also plan showing weight canvas etc. The forewing certificate forwarded.*

The amount of Entry Fee ..... £ 2 : 0 : 0	Fees applied for, 21-6-1926	I am of opinion the Vessel should be Classed <i>+ A</i> "For Canal Service"
Special Survey Fee... £ 20 : 0 : 0	Received by me, 25/6/26	
Travelling Expenses, if any £ 1 : 9 : 0		
State whether the Vessel has been built under Special Survey <i>Yes</i>		Signature <i>A. W. Paterson</i> Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to <i>Glasgow</i> Date of issue <i>11/10/26</i>		

Committee's Minute *GLASGOW 22 JUN 1926*  
Character assigned *A- For Canal Service 6.26. + LMC 6.26.*



