

## STEEL STEAMER or MOTORSHIP.

Received at London Office MAY 31 1939

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

29<sup>th</sup> MAY 1939Port of **GREENOCK**No. **20454**Survey held at **PORT GLASGOW**Date First Survey **12<sup>th</sup> OCTOBER 1938**

Last Survey

**18<sup>th</sup> MAY****1939**

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

**TWIN SCREW "BARIMA"**

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

**SINGLE DECK, RIVER AND COASTAL SERVICE**State Type of Erections **FORECASTLE**

TONNAGE under Tonnage Deck...

**214.23**CLASS **A.1. WITH A MOULDED DRAUGHT NOT EXCEEDING 7'-6" as condition of Class FOR RIVER AND COASTAL SERVICE, BRITISH GUIANA.**

No

Built at **PORT GLASGOW**

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

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

**L 125.5**Launched **9<sup>th</sup> MAY 1939**Yard No. **340**

Total

Breadth (greatest moulded) **B 29.0**Builders **FERGUSON BROS. (PORT GLASGOW) LTD**

Gross Tonnage

**277.78**

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

**D 10.0**Owners **GOVERNMENT OF BRITISH GUIANA**

Register Tonnage

**110.71**1st Longitudinal Number (L x D) = **1255**Managers **✓**

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

2nd Numeral L x (B + D) = **4895**Residence **✓**

TERED DIMENSIONS. FEET.

**126.5**

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

**9.0**

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

**12.55**Port of Registry **GEORGETOWN.****29.1**

Do. Long Bridge to top of keel

**9.45**Draught Moulded **✓**

If surveyed while building, afloat, or in dry dock

**WHILE BUILDING & AFLOAT.**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.
Spacing amidships	22	✓	Bracket Floors, Frame	✓	
" from $\frac{3}{4}$ length amidships to Collision bulkhead	22	✓	" " Reversed Frame	✓	
" in peaks	21 & 22	✓	" " Vertical Struts	✓	
AMING.			Centre Girder, depth and thickness amidships	✓	
Amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4 22 25	✓	" " top Angles	✓	
" Extends up to	DECK		" " bottom Angles	✓	
ed Frame Amidships, Angle	22 22 25	✓	Side Girders, No. each side and thickness	✓	
" Extends up to	ACROSS FLOORS ON TO FRAME		Margin Plate depth (excl. of flange) and thickness	✓	
of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	✓	
in Uppermost Continuous 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
" Second 'tween Decks, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	✓	
" Third " " " "	✓		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	4 22 25	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
in Peaks, Angle $\frac{1}{2}$ or $\frac{3}{4}$	4 22 25	✓	INNER BOTTOM PLATING.		
er and Spacing of Rivets through Frame and Shell Plating amidships	5/8 AT 7 DIA.	✓	Breadth and thickness of Middle Line Strake	✓	
Frame Joggled	YES, AMIDSE.	✓	Thickness of remainder in Holds	✓	
scantlings and arrangements in the ng Area in accordance with the Rules as approved?	YES	✓	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?	✓	
scantlings and arrangements in way Bottom Forward in accordance with les and/or as approved?	YES.	✓	BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	6 3 32	
Depth and thickness at mid-line in Holds	12" x 25	✓	" " HALF BEAMS AMIDSHIPS in way of Bridge, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	5 3 25	42 x 3 x 25
Height of <del>Beams</del> at side above base line at toe of frame	20"	✓	Spacing	22	
Line Keelson, on Floors, Angles, $\frac{1}{2}$ or $\frac{3}{4}$	3 3 28	✓	Second Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
" " Through Plate <del>or</del> Intercostal Plate	28	✓	Spacing	✓	
" " Foundation Plate on Floors	12 x 28	✓	Third Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
" " Flat Plate Keel Angles	3 3 28	✓	Spacing	✓	
elsons, No. each side	ONE	✓	Fourth Deck, amidships, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
" thickness of Intercostal Plate	24	✓	Spacing	✓	
" Angle	3 1/2 22 28	✓	PROMENADE AFT Poop Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4 22 36 4 22 28	
BOTTOM.			Spacing	44	
oors, thickness and spacing	✓		Bridge Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	✓	
" Are Frame and Reversed Frame joggled?	✓		Spacing	✓	
Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, $\frac{1}{2}$ or $\frac{3}{4}$	4 22 25	
" breadth and thickness at margin plate	✓		Spacing	44	

3151. 60.

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## 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, No. of Rows.....</b>		<b>ONE</b>		✓					
<b>AFT</b>									
in 'tween Decks Size and Spacing.....	<b>2</b>	<b>2 1/4</b>		✓					
" " " " "		<b>SEE PLAN.</b>							
" " " " "									
in Holds " "		<b>22" - 66"</b>		✓					
" " " " "		<b>3' AT HATCH ENDS.</b>		✓					
<b>Centre Line Bulkhead.</b>									
Stiffeners and Spacing.....		✓							
Plating, thickness of .....		✓							
<b>STRINGERS AND DECKS.</b>									
<b>Uppermost Continuous Deck.</b>									
Stringer Plate, breadth and thickness in Wells	<b>59</b>	<b>30</b>		✓					
" " " " in way of Bridge		✓							
" Angle in Wells .....	<b>2 1/2</b>	<b>2 1/2</b>	<b>30"</b>	✓					
Thickness of Plating abreast Deck openings in way of Wells .....		<b>.25</b>		✓					
Thickness of Plating abreast Deck openings in way of Bridge .....		✓							
Thickness of Plating within line of openings...		<b>.25</b>		✓					
If Sheathed, material and thickness	<b>BITUMASTIC SOLUTION WHERE EXPOSED</b>			<b>1 1/2" THICK - AMIDSHIPS</b>					
<b>Second Deck.</b>									
Stringer Plate, breadth and thickness in Wells...		✓							
Stringer Plate, breadth and thickness in way of Bridge		✓							
Thickness of Plating abreast Deck openings in way of Wells .....		<b>.25</b>		✓					
Thickness of Plating abreast Deck openings in way of Bridge .....		✓							
Thickness of Plating within line of openings...		<b>.25</b>		✓					
If Sheathed, material and thickness	<b>BITUMASTIC SOLUTION WHERE EXPOSED</b>			<b>1 1/2" THICK - AMIDSHIPS</b>					
<b>Third Deck.</b>									
Stringer Plate, breadth and thickness.....		✓							
If Plated, state thickness.....		✓							
<b>Fourth Deck.</b>									
Stringer Plate, breadth and thickness.....		✓							
If Plated, state thickness .....		✓							
<b>PROMENADE Deck.</b>									
Stringer Plate, breadth and thickness .....	<b>16</b>	<b>22</b>		✓					
<b>TIE</b> Plating, Sheathing, material and thickness ...	<b>6</b>	<b>.26</b>		✓					<b>AND SEE PLAN</b>
<b>Bridge Deck.</b>									
Stringer Plate, breadth and thickness.....		✓							
Plating, Sheathing, material and thickness ...		✓							
<b>Forecastle Deck.</b>									
Stringer Plate, breadth and thickness.....	<b>.20</b>			✓					<b>AND SEE PLAN</b>
Plating, Sheathing, material and thickness ...	<b>.18</b>	<b>TEAK 5" x 2"</b>		✓					

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <b>NO</b>		RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.		No. OF ROWS OF RIVETS.			
FLAT PLATE KEEL .....	<b>30</b>	<b>.36</b>	<b>.34</b>	<b>.34</b>		<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>TREBLE</b>	<b>5/8 2 1/4</b>	<b>STRAPPED</b>	
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes ..... <b>3</b> .....		<b>.28</b>	<b>.24</b>	<b>.24</b>		<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>DOUBLE</b>	<b>5/8 2 1/4</b>	<b>LAPPED</b>	
BILGE PLATING, No. of Strakes ..... <b>1</b> .....		<b>.28</b>	<b>.24</b>	<b>.24</b>		<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>DOUBLE TO SINGLE AFT.</b>	<b>5/8 2 1/4</b>		
SIDE PLATING, No. of Strakes ..... <b>1</b> .....		<b>.26</b>	<b>.24</b>	<b>.24</b>		<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>DOUBLE TO SINGLE</b>	<b>5/8 2 1/4</b>		
UPPER DECK, Sheer-strake in Wells.....	<b>42</b>	<b>.36</b>	<b>.24</b>	<b>.24</b>		<b>SINGLE TO BULWARK.</b>		<b>DOUBLE</b>	<b>5/8 2 1/4</b>		
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....											
STRAKE BELOW Sheer-strake in Bridge ...		<b>.36</b>									
POOP SIDE PLATING .....											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			<b>.24</b>			<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>SINGLE</b>	<b>5/8 2 1/4</b>	<b>LAPPED.</b>	

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) **FOUR**" Deck next below **✓**As per Rule **FOUR.**

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
<b>KEEL, Bar .....</b>	<b>ROLLED</b>	<b>✓</b>		
<b>STEM .....</b>	<b>BAR</b>	<b>5 1/2 x 1 1/8</b>		
<b>STERN FRAME</b> { Propeller Post .....				
Rudder " .....	<b>FORGING</b>	<b>5 1/2 x 1 1/4</b>	<b>EMERSON WALKER</b>	
<b>Speed of Vessel .....</b>	<b>10 1/2 KNOTS.</b>			
<b>RUDDER—Type .....</b>	<b>BALANCED TYPE.</b>			
" A x D .....	<b>✓</b>			
" Diam. of head .....	<b>4"</b>			
" Mainpiece at top .....	<b>4 1/2"</b>		<b>EMERSON</b>	
" " heel ...	<b>3 1/2"</b>		<b>WALKER</b>	
" how constructed .....	<b>FORGED &amp; BUILT.</b>			
" double or single plate .....	<b>.60" x .50"</b>			
" coupling, vertical or horizontal .....	<b>NONE.</b>			

## STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKHEAD, Upper tween decks</b>			✓						
" " Second "			✓						
" " Third "			✓						
" " Holds .....	<b>.20"</b>	<b>6" x 3"</b>	<b>30" A.</b>	<b>30"</b>	✓				
<b>COLLISION</b> " (in Hold) .....	<b>.24"</b>	<b>26" x 3"</b>	<b>24" A.</b>	<b>24"</b>	✓	<b>SEMI-BOX BEAM</b>			
<b>AFTER PEAK</b> " " .....	<b>.24"</b>	<b>24" x 3"</b>	<b>24" A.</b>	<b>24"</b>	✓	<b>W.T. FLAT</b>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) **OPEN HEARTH PROCESS, DORMAN, LONG & CO. L<sup>td</sup>, COLVILLES L<sup>td</sup>, & J. WILLIAMS (WISHAW) L<sup>td</sup>**Has the Steel been tested as required by the Rules? **YES.**



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.	
52/40	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	APPROVED ✓	STOCKLESS HALL'S TYPE, CAST STEEL HEAD.	NOT STATED	CRADLEY HEATH 5-1-39 W.V. NORMAN	
52/41	2nd „ ...	7	2	6	✓	✓	✓	9	13	3	0	7½ ✓	" "	" "	" " "	
	3rd „ ...															
	Collective weight.	15	0	18								15.				
52/42	Stream .....	2	1	22	✓	✓	✓	2	14	5	0	0	3 ✓	ORDINARY FORGED WROG. IRON	NOT STATED.	CRADLEY HEATH 5-1-39 W.V. NORMAN ✓

CHAIN CABLES.												HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size supplied.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size supplied.	
	Length.	Diam.	Stations.	Break-ing.	Supplied.	Per Rule.	APPROVED Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
57960	90	13/16	✓		30-2-26				90	13/16	STUD LINK	HENRY REECE, CRADLEY, STAFFS	CRADLEY HEATH. 14-12-38. S.C. PAUL	TOWLINE...	120	5	MANILLA	120	5
57985	90	13/16	✓		30-2-3				90	13/16	"	"	"	HAWSERS & WARPS	60	4	"	60	4
		Cir.								Cir.				"	60	2½	"	60	2½
Iron Stream Chain or Steel Wire	45	2		8.3					45	2	G.S.W.			"					

Steering Gear, Type (Power or hand) *T. REID & SONS (PAISLEY) LTD. OPERATED BY* Alternative Means of Steering *HAND WHEEL GEARED TO RUDDER STOCK BEVEL WHEELS & BALL BEARING SHAFTING.*

Steering Chains (Size and Test) *1½" OIA.* Windlass *ELECTRIC & HAND, BY T. REID & SONS, BOATS 2-16'0" LIFEBOATS. (PAISLEY) LTD.*

Ceiling in Holds, thickness and material *2" W. PINE TO UPPER TURN OF BILGE* Cargo Battens, thickness, material and spacing *1½" RED PINE, 9" APART.*

Cargo Hatchways.—(Upper Deck) *OF STEEL PLATES AND ANGLES.* Thickness of Hatches *2½" W. PINE.*

Size of Hatchways No. 1 (Fwd.) *14'0" x 10'0"* No. 2 *5'6" x 7'0"* No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters *NO. 1 HATCH. = 2, NO. 2 HATCH. = NONE.* *FERGUSON BROTHERS (PORT-GLASGOW) LTD.*

Builder's Signature

*Peter Ferguson* DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *OIL ENGINES.*

(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 (where required to be inserted in the Notation).

*This vessel has been built in accordance with the approved plans, the Surveyor's letters of various dates and in general conformity with the Society's Rules for the class contemplated. The materials and workmanship are good. The fore and after peak tanks have been tested and the weather part of the upper deck, forecastle deck, and watertight bulkheads have tested as required by the Rules and found satisfactory. The watertight door has been examined and tried, and the hand pumps tried and found satisfactory.*

*Oil fuel, F.P. above 150° Fahr., is carried in two oil tanks situated at fore end of machinery space, these tanks having been satisfactory tested.*

*An interim certificate of classification was issued at the request of the Builder's copy attached.*

The amount of Entry Fee ..... £ *3 : 0 : 0* Fees applied for,

(Special notations, where part of class, to be stated.)

Special Survey Fee .... £ *27 : 16 : 0*

Received by me,

Travelling Expenses, if any £ - : - : -

*30. 6. 1939*

I am of opinion the Vessel should be Classed *+ A.1. WITH A Moulded draught not exceeding 7'6" FOR RIVER AND COASTAL SERVICE, BRITISH GUIANA.*

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

Signature

*J. A. Jamieson*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Glasgow*

Date of issue *4/6/39*

Committee's Minute *GLASGOW 30 MAY 1939*

Character assigned *+ A1 5.39*

*Moulded draught not exceeding 7'6"*

*For River & Coastal Service, British Guiana*

*Lloyds A & C.P.*

*+ Lmc 5.39. Oil Eng.*

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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 except for alterations to the fore peak and promenade deck is substantially a sister vessel to the same Builders No 309 and No 320 M. S. "Pomeroon" and "Lady Northcote" Greenock First Entry Report No 20083 and 20400.

Approved plans and midship section and Profile and Decks as built are forwarded as shown on separate sheet, together with forging and casting reports and steel test sheets.

PARTICULARS OF ELECTRIC WELDING (if employed)

RUDDER TRUNK, BOSS FRAME TO FLOOR, SHELL PLATE AT BOSS. PILLARS.

DERRICK POSTS TO DECK, MAST RING TO DECK AND MAST AND MINOR WELDING THROUGHOUT.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book "WITH A MOULDED DRAUGHT NOT EXCEEDING 7'-6" "FOR RIVER AND COASTAL SERVICE, BRITISH GUIANA." LLOYDS A & C.P.

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

1st Bower INCLUDING PINS 4-3-2 : J.D. : 4724 : 27-8-37  
2nd " 4-2-18 : J.D. : 4702 : 16-7-37.  
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 30.7 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. Signal Letters Extreme Breadth over Belting 30.2' Over-all Length 132.1' (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK.

Parts of Bottom of Vessel coated with cement or approved composition CEMENT IN FORE AND AFTER PEAK TANKS AND HOLD. BITUMASTIC SOLUTION IN MACHINERY SPACE.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,		✓	Fore peak tank,		37 ✓
Double bottom, under Engines and Boilers,		✓	After peak tank,		18 ✓
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,		✓
Total length (if continuous) and Capacity		✓	(If necessary, furnish further information by sketch.)		✓

Order for Special Survey No. 3441

Date 18<sup>th</sup> OCTOBER 1938

Dates of Surveys held while building

(1938) OCT. 12. 18. 24. 31. NOV. 1. 4. 9. 14. 15. 22. 24. 28. DEC. 2. 9. 19. 21. 28. 30. (1939) JAN. 12. 16. 23. 24. 25. 31. FEB. 2. 6. 8. 9. 15. 14. 20. 21. 22. 23. 24. 28. MAR. 2. 8. 10. 13. 14. 15. 16. 21. 28. 29. APR. 5. 12. 14. 17. 18. 20. 24. MAY 4. 8. 9. 10. 16. 18.

Total No. of Visits 59.