

STEEL STEAMER ~~OR~~ MOTORSHIP.

Received at London Office 17 FEB 1926

State if Report has been sent on the Freeboard of the Vessel *YES.*State if Report is sent on the Machinery of the Vessel *YES.*

Date of completion of report

12<sup>th</sup> February 1926 Port of *Glasgow*

No. 18505.

Survey held at

*Port Glasgow*

Date First Survey

10<sup>th</sup> September 1925 Last Survey 12<sup>th</sup> February, 1926

On the

(State if Machinery fitted *And* if Single, Twin or Triple Screw)*Twin Sc.**"AZANIA"**Mchy. amidships.*

State Type

(Full scantling, Complete Superstructure with or without Tonnage Openings)

*For Coasting Service, East Africa*

State Type of Erections

TONNAGE under Tonnage Deck...

*313.56*

CLASS

*\* A1.*

State if with freeboard

*YES.*

Built at

*Port Glasgow.*

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

*15' 9"*

FOR COASTING SERVICE

EAST AFRICA, MOMBASA - MUKINDANI

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

*L 150*

Breadth (greatest moulded)

*B 29*

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

*D 11.5*

1st Longitudinal Number (L x D)

*= 1725*

2nd Numeral L x (B + D)

*= 6075*

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

*10.25*

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

*13*

Do. Long Bridge to top of keel

Draught Moulded

*8' 6"*Launched 14<sup>th</sup> Jan. 1926 Yard No. 277.Builders *Arguson Bros (Port Glasgow) & Co.*Owners *Crown Agents for the Colonies.*

Managers

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

Residence

*London*

Port of Registry

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.
<b>FRAMES, Spacing amidships</b>	22		<b>Bracket Floors, Frame</b>	4 3 30	
" " from $\frac{1}{2}$ length to Collision bulkhead	22		" " Reversed Frame	3 3 30	
" " in peaks	22		" " Vertical Struts	4 3 30	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	33	32
<b>Frame Amidships, Angle, E or F</b>	5 22 30		" " top Angle	3 3 28	
" " Extends up to	DECK.		" " bottom Angle	3 3 32	
<b>Reversed Frame Amidships, Angle</b>	22 22 30		<b>Side Girders, No. each side and thickness</b>	ONE	28
" " Extends up to	ACROSS FLOOR FOR ONLY.		<b>Margin Plate depth (excl. of flange) and thickness</b>	21	30
<b>Depth of Framing Girder</b>	3 1/2		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 3 28	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or F</b>			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3 3 28	
" " Second 'tween Decks, Angle, E or F			" " Gussers, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
" " Third " " " "			" " Gussers, spacing and scantling forward $\frac{1}{2}$ len. from stem		
<b>Framing in Peaks, Angle or F</b>	5 22 30		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	40	28
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	3/4 AT 5 1/2		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	YES		Breadth and thickness of Middle Line Strake	38	30
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	1 STRINGER IN FORE PEAK. 15 22		Thickness of remainder in Holds		28
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	DOUBLE PARTS & ADDITIONAL INTER 4 1/2 2 STRINGS PLATING MIDSHIP THICKNESS.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & P. space and framing in Bunkers and Boiler Room?	YES.	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>	15 30		<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or F</b>	6 1/2 3 35	
Height of Brackets at side above base line at toe of frame	FLOORS 18" HIGH AT SIDE IN LIEU OF BRACKETS.		" " in way of Bridge, Angle, E or F	4 1/2 22 30	
<b>Middle Line Keelson, on Floors, Angles, E or F</b>	22 22 30		Spacing	ALT. 18" CRAMES.	
" " Through Plate	18 32		<b>Second Deck, amidships, Angle, E or F</b>		
" " Intercoastal Plate	12 30		Spacing		
" " Foundation Plate on Floors	3 22 30		<b>Third Deck, amidships, Angle, E or F</b>		
" " Flat Plate Keel Angles	ONE.		Spacing		
<b>Side Keelsons, No. each side</b>	ONE.		<b>Fourth Deck, amidships, Angle, E or F</b>		
" " thickness of Intercoastal Plate	28		Spacing		
" " Angle	SINGLE 4 3 30		<b>Poop Deck, Angle, E or F</b>		
<b>DOUBLE BOTTOM, IN CARGO HOLD ONLY.</b>			Spacing		
<b>Solid Floors, thickness and spacing</b>	28 EVERY 3"		<b>Bridge Deck, Angle, E or F</b>		
" " Are Frame and Reversed Frame joggled?	YES.		Spacing		
<b>Bracket Floors, breadth and thickness at middle line</b>	21 26		<b>Forecastle Deck, Angle, E or F</b>		
" " breadth and thickness at margin plate	21 26		Spacing		

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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</b> , No. of Rows. <i>1st. Aft. End. Cargo Hold.</i>			<i>2.</i>		Stringer Plate, breadth and thickness in way of Bridge .....				
" " <i>ELSEWHERE</i>			<i>1.</i>		Thickness of Plating abreast Deck openings in way of Wells .....				
" <i>in 'tween Decks, Size and Spacing</i> .....					Thickness of Plating abreast Deck openings in way of Bridge .....				
" <i>in Holds</i> " "					Thickness of Plating within line of openings...				
" <i>1st. Aft. End. Cargo. Hold.</i>					If Sheathed, material and thickness .....				
<b>Centre Line Bulkhead.</b>					<b>Third Deck.</b>				
Stiffeners and Spacing.....					Stringer Plate, breadth and thickness.....				
Plating, thickness of .....					If Plated, state thickness.....				
<b>STRINGERS AND DECKS.</b>					<b>Fourth Deck.</b>				
<b>Uppermost Continuous Deck.</b>					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells		<i>48</i>	<i>30</i>	<i>36 x 30</i>	If Plated, state thickness .....				
" " " " <i>E. &amp; B. CASING.</i>		<i>48</i>	<i>25</i>		<b>Poop Deck.</b>				
" " " " <i>in way of Bridge</i>					Stringer Plate, breadth and thickness .....				
" Angle in Wells .....		<i>3</i>	<i>3</i>	<i>35</i>	Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Wells <i>... TIE PLATE .....</i>		<i>12</i>	<i>30</i>		<b>Bridge Deck.</b>				
Thickness of Plating abreast Deck openings in way of Bridge <i>... MAIN SHIPS .....</i>			<i>25</i>		Stringer Plate, breadth and thickness.....				
Thickness of Plating within line of openings..					Plating, Sheathing, material and thickness ...				
<b>WOOD DECK.</b>					<b>Forecastle Deck.</b>				
If Sheathed, material and thickness .....		<i>TEAK</i>	<i>2 1/2"</i>		Stringer Plate, breadth and thickness.....				
<b>Second Deck.</b>					Plating, Sheathing, material and thickness ...				
Stringer Plate, breadth and thickness in Wells..									

# SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <small>State if joggled?</small>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		<small>SINGLE OR DOUBLE.</small>	<small>RIVETS.</small>		<small>No. OF ROWS OF RIVETS.</small>	<small>RIVETS.</small>		<small>STRAPPED OR LAPPED.</small>
	<small>Breadth.</small>	<small>Thickness.</small>	<small>Thickness.</small>	<small>Thickness.</small>			<small>Diam.</small>	<small>Spacing cr. to cr.</small>		<small>Diam.</small>	<small>Spacing cr. to cr.</small>	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL .....	36	✓ 40	✓ 40	✓ 40	/ ✓	SINGLE	3/4	3 1/2	✓ 3 TO 2	3/4	2 5/8	LAPPED.
" DBLG. (if any)	✓	✓	✓	✓	/ ✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. } of Strakes ..... 2..... }		✓ 35	✓ 30	✓ 30	/ ✓	SINGLE	3/4	3 1/2	2	3/4	2 5/8	LAPPED.
BILGE PLATING, No. of } Strakes ..... 2..... }		✓ 35	✓ 30	✓ 30	/ ✓	"	"	"	"	"	"	"
SIDE PLATING, No. of } Strakes ..... 1..... }		✓ 35	✓ 30	✓ 30	/ ✓	"	"	"	"	"	"	"
UPPER DECK, Sheer- } strake in Wells..... }	36	✓ 35	✓ 35	✓ 35	/ ✓	"	"	"	"	"	"	"
UPPER DECK, Sheer } strake in Bridge ... }					/							
STRAKE BELOW Sheer- } strake in Wells..... }					/							
STRAKE BELOW Sheer- } strake in Bridge ... }					/							
POOP SIDE PLATING .....					/							
BRIDGE SIDE PLATING ...					/							
FOREC'TLE SIDE PLATING					/							

## WATERTIGHT BULKHEADS.

FORGINGS ~~and CASTINGS.~~

Total No. of W.T. BULKHEADS in Vessel—		FOUR.			
Extending to Upper Deck (Sec. 3 c)		FOUR.			
,, Deck next below		✓			
As per Rule		FOUR.			
		STIFFENERS.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings. Spacing.		Scantlings Spacing.		
MIDSHIP BULKHD, Upper tween decks					
,, Second ,,					
,, Third ,,					
,, Holds .....		32/26	AHC. 6x3x70	30	✓ ✓
,, (in Hold) .....		40/26	D.A. 6x3x76	24	✓ ✓
COLLISION					
,, (in Hold) .....		34/26	AHC. 6x3x68	24	W.T. PLAT. ✓
AFTER PEAK					

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, <del>Bar</del> .....		FLAT MATE KEEL.		
STEM .....		FORGING. 6½ x 1½	R. HERR, & SONS.	
STEEL FRAME {	Propeller Post .....			
	Rudder ,, .....	FORGING 6½ x 1½	EMERSON WALKER	
RUDDER—A x D .....		70' x 7'		
Speed of Vessel .....		10 KNOTS.		
RUDDER mainpiece at head ..		FORGING 4½ x 4	EMERSON	
,, ,, heel ...		4½ x 3	WALKER.	4½ x 2¾
,, STOCK. ...		4½ D.P.		
,, how constructed .....		FORGED		
,, double or single plate		SINGLE	64	
,, coupling, vertical or horizontal .....		NO COUPLING		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH PROCESS

Has the Steel been tested as required by the Rules? YES.



EQUIPMENT No. 6075										LETTER ✓	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.		
29216	1st Bower	10	2	14	STOCKLESS			12	10	3	21	AYERS IMPROVED.	NOT STATED.
29217	2nd "	10	2	14	"			12	10	3	21	"	"
	3rd "				"							"	"
	Collective weight.	21	1	0									
59299	Stream	5	3	0	1	1	21	8	0	2	14	ORDINARY.	N. BLOOMER. TIPTON 31-12-25 DRYSDALE.

CHAIN CABLES.												HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size <del>not to be used</del>		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size <del>not to be used</del>			
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.		Length.	Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
60318	165½	1½	22½	34½	107-1-11		106½		165	1½	STUR	N. BLOOMER	TIPTON 31-12-25	TOWLINE...	60	1½	4½	60	1½		
Stream Chain Steel Wire											LINK.	& SONS.	DRYSDALE	HAWSERS & WARPS }	20-60	6½	MANILA	20-60	6½		
															"	60	5	"	60	5	
															"	60	5	COIR.	60	5	
															"	60	2½		60	2½	

Steering Gear, Steam *AMIDSHIPS BY J. HASTIE & CO.* Steering Gear, Hand *AFT, BY J. HASTIE & CO. 3" SCREW.*

Boats { 2 LIFE. 20 FEET.  
1 MOTOR 22 "  
1 DINGHY 16 " } Steering Chains, Size and Test *11/16" SHORT LINK, 5-12-2* Windlass IS STEAM, BY CLARKE CHAPMAN.

Ceiling in Holds, thickness and material *2" PITCH PINE.* Cargo Battens, thickness, material and spacing *1½" P.P. 6" APART.*

Cargo Hatchway (Upper Deck) *FORMER OF STEEL PLATES & ANGLES. Thickness of Hatches 2½" SOLID.*

Size of No. 1 Hatchway (Forward) *16'6" x 10'0" No. 2 No. 3 No. 4 No. 5 No. 6*

Number of Shifting Beams and/or Fore and Afters *2.* FERGUSON BROTHERS (PORT-GLASGOW) LTD.,

*Robert Ferguson* DIRECTOR.  
Builder's Signature

GENERAL DECLARATION *The vessel has been built in accordance with the approved plans, instructions and printed Rules of this Society. The materials and workmanship are of good quality. The freeboard has been verified and the marks cut in on the vessel's sides. The fore peak, after peak tank, double bottom tank, feed tanks, watertight bulkheads, weather deck & hand pumps have been tested as required by the Rules and found satisfactory.*

*An Interim Certificate has been issued, Copy attached.*

The amount of Entry Fee ..... £ 3 : 0 : 0 } Fees applied for, 13. 2. 1926  
Special Survey Fee .... £ 37 : 10 : 0 } Received by me, 31. 3. 26  
*FREEBOARD.* 3 : 0 : 0 }  
Travelling Expenses, if any £ ..... }  
I am of opinion the Vessel should be Classed *+ AL. WITH FREEBOARD.*  
"FOR COASTING SERVICE EAST AFRICA."  
"MOBASSA - MIKINDANI"

State whether the Vessel has been built under Special Survey *YES.* Signature *H. L. Swinton*  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *GREENOCK. via Glasgow* Date of issue *1/4/26*

Committee's Minute *GLASGOW 16 FEB 1926*

Character assigned *÷ A1.*

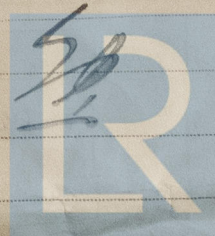
*with freeboard.*

*226*

*For Coasting Service East Africa. Mombasa - Mikindani*

*Lloyds Assoc*

*+ LMC 226*



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0269 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.)

List of Plans:-

Midship Section  
Amendment to Midship section  
Profile and Deck plan  
Amendment to Profile & deck plan  
Sternframe & Rudder  
after peak  
Propeller brackets  
Pumping arrangement  
Forging reports (4 in W.)

Midship Section as Built  
Profile & Deck plan as Built.

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

1st Bower	WEIGHT OF HEAD	5-2-23,	SURV. INS. M.B.,	N <sup>o</sup> OF CERT. 2600,	DATE OF TEST 15-10-25
2nd "	"	5-3-4,	" M.B.	" 2606,	" 20-11-25
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. (Leak.)

Official No. ☒ ; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement YES. if not give particulars of composition INSIDE SURFACE OF SHELL PLATING WHOLLY CEMENTED ON BOTTOM.

**PARTICULARS OF WATER BALLAST.—**

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,			After peak tank,		30
Double bottom, if under Engines only,			Deep tank, aft, <u>FLED TANK. PORT.</u>		13
Double bottom, if under Boilers only,			Deep tank, forward, <u>FLED TANK. STAR.</u>		13
Double bottom, forward,	53.16	57	Other tanks, if fitted,		<input checked="" type="checkbox"/>
	Total capacity of double bottom	57	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 3159

Has the 26-8-25

Dates of Surveys held while building { (1925) Sept. 10-11-16-18-23-24-30 Oct. 2-6-8-13-14-15-19-21-23-27-29 Nov. 3-6-10-11-16-17-18-20-24-27 Dec. 2-4-7-10-14-16-22-24-28 (1926) Jan. 6-8-11-12-13-14-18-22-28 Feb. 1-3-5-9-12

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Total No. of Visits 52