

DISCLOSED  
SECTION

## STEEL STEAMER or MOTORSHIP

DISCLOSED  
SECTION

-7 AUG 1929

Date of completion of report

29. 7. 29.

Port of

Glasgow.

Survey held at

Bowling.

Date First Survey

3. 10. 24

Last Survey

No. 49473  
16<sup>th</sup> July 1929.

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

S.S. Jug "ARTHUR BEEMELMANS"

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

Jug - full scantlings.

State Type of Erections

TONNAGE under Tonnage Deck...

71.67.

CLASS +100A1

for Juv. Lumber.

State if with freeboard as condition of Class

No.

Built at Bowling.

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

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

L 78.0

Launched 1<sup>st</sup> Sept 1925 Yard No. 300

Total

Breadth (greatest moulded) ..... B 18.0  
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) ..... D 8.5

Builders Messrs Scott and Sons.

Gross Tonnage

12.03

1st Longitudinal Number (L x D) ..... = 663

Owners Societe pour La Manufacture Dan Les Ports Du Congo.

Net Tonnage

4.0

2nd Numeral L x (B + D) ..... = 2067

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

REGISTERED DIMENSIONS. FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) ..... 7.55

Residence

Length

78.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel ..... 9.18

Port of Registry Matsidi

Breadth

18.1

Do. Long Bridge to top of keel

Surveyed while building, afloat, and on Slipway in dry dock

Depth

7.7

Draught Moulded ..... 8' 1 1/2"

## 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> .....	21	✓	<b>Bracket Floors, Frame</b> .....		
" from 1/2 length to Collision bulkhead.....	21	✓	" " Reversed Frame .....		
" in peaks.....	21	✓	" " Vertical Struts .....		
<b>FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
Frame Amidships, Angle, [ or [ .....	3 24 38	✓	" " top Angles .....		
" Extends up to .....	Deck.	✓	" " bottom Angles .....		
Reversed Frame Amidships, Angle .....	24 24 25	✓	<b>Side Girders, No. each side and thickness</b> .....	26	approved
" Extends up to .....	across floor.	✓	<b>Margin Plate depth (excl. of flange) and thickness</b> .....		
Thickness of Framing Girder.....	3"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....		
Frames in Uppermost Continuous 'tween Decks, Angle, [ or [ .....			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem .....		
" Second 'tween Decks, Angle, [ or [ .....			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" Third " " " " .....			" " Gussets, spacing and scantling forward 1/2 len. from stem.....		
Spacing in Peaks, Angle or [ .....	3 24 38	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
Number and Spacing of Rivets through Frame and Shell Plating amidships .....	5/8 7 dia.	✓	<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled .....	no	✓	Breadth and thickness of Middle Line Strake .....		
<b>FRAMING ARRANGEMENTS</b> (Sec. 7), state system and particulars)	none.	✓	Thickness of remainder in Holds .....		
<b>STRENGTHENING 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? .....	✓	
<b>DOUBLE BOTTOM.</b>			<b>BEAMS.</b>		
Frames, Depth and thickness at mid-line in Holds .....	13" x 24	✓	<b>Uppermost Continuous Deck, amidships</b>	6 3 37	✓
Height of Brackets at side above base line at toe of frame .....	flange level.	✓	" " in Welle, Angle, [ or [ .....		
Middle Line Keelson, on Floors, Angle, [ or [ .....	5 3 40	✓	" " in way of Bridge, Angle, [ or [ .....		
" " Through Plate or Intercoastal Plate .....	✓	✓	Spacing .....	42"	✓
" " Foundation Plate on Floors .....	✓	✓	<b>Second Deck, amidships, Angle, [ or [ .....</b>		
" " Flat Plate Keel Angles .....	✓	✓	Spacing .....		
<b>Side Keelsons, No. each side</b> .....	5 3 36	✓	<b>Third Deck, amidships, Angle, [ or [ .....</b>		
" " thickness of Intercoastal Plate .....	✓	✓	Spacing .....		
" " Angles .....	✓	✓	<b>Fourth Deck, amidships, Angle, [ or [ .....</b>		
<b>DOUBLE BOTTOM.</b>			Spacing .....		
<b>Solid Floors, thickness and spacing</b> .....			<b>Poop Deck, Angle, [ or [ .....</b>		
" " Are Frame and Reversed Frame joggled? .....			Spacing .....		
<b>Bracket Floors, breadth and thickness at middle line</b> .....			<b>Bridge Deck, Angle, [ or [ .....</b>		
" " breadth and thickness at margin plate .....			Spacing .....		
			<b>Forecastle Deck, Angle, [ or [ .....</b>		
			Spacing .....		

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No. 794



## 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.....	one	✓	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 " "	2 1/4"	✓	Thickness of Plating within line of openings...		
" " " "			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	17' x 30"	✓ 15' x 30"	If Plated, state thickness .....		
" " " " in way of Bridge	✓	✓	<b>Poop Deck.</b>		
" Angle in Wells .....	3 3 30	✓	Stringer Plate, breadth and thickness .....		
Thickness of Plating abreast Deck openings in way of Wells .....	28/24	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge .....	2 1/4" ✓	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	at 495. 1/2 plate 14	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	2 3/8" TEAK	✓	Plating, Sheathing, material and thickness ...		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...			Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c)..... 4 ✓

„ Deck next below..... ✓

As per Rule. 4. ✓

		Plating Thickness.	STIFFENERS.				
			VERTICAL.		HORIZONTAL.		
			Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper tween decks							
"	"	Second	"				
"	"	Third	"				
"	"	Holds .....	36/26	4x3x30	30	✓	✓
<b>COLLISION</b>	"	(in Hold) .....	36/26	do	24	-	✓
<b>AFTER PEAK</b>	"	" .....	34/30	4x3x30	24	✓	✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....	Rolls	5 x 1 1/2"	Steel Coy	✓
<b>STEM</b> .....	"	5 x 1 1/2"	Scotland	✓
<b>STERN FRAME</b> { Propeller Post .....	Forged	5 1/2 x 2 1/2	Emerson	✓
{ Rudder " .....	"	5 x 2 1/2	Walker.	✓
<b>RUDDER—A x D</b> .....		21.6		✓
<b>Speed of Vessel</b> .....		10 knots		✓
<b>RUDDER</b> mainpiece at head ...		3"	Cliffords	✓
" " heel ...		(2 1/2")	"	2 1/2" coupling
" how constructed .....		Single plate arms	Shank	✓
" double or single plate .....		Single	- 70.	✓
" 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*  
*Steel Company of Scotland*  
Has the Steel been tested as required by the Rules? *Yes.*







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 as shown are forwarded.

Midship Section, Profile and Deck Plan (and as built, for No 300).  
Sternframe and Rudder  
Pumping plan.  
Forging Reports on Sternframe (1) and Rudder Frame (1)

It is requested that the above plans should be retained in this Office for reference in dealing with the same Builders Nos 301-2-3 & 4.

This vessel was examined internally and externally on the shipway and found satisfactory - no deterioration being found in the structure.

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

1st Bower  
2nd "  
3rd "

2. 3. 0  
2. 3. 0

J.D.  
J.D.

5329  
5328

16.12.22  
16.12.22

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)

one deck part steel - tank deck

Official No. ☒ ; Signal Letters ☒

Is bottom of Vessel coated with cement ☒ Yes - if not give particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
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 capacity of double bottom			(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. 5693

Date 28. 3. 25

Dates of Surveys held while building

1924 Oct 3 1925 Jan 20 Feb. 12. 24. 26 Mar 2. 11. 17. 27 Apr 3. 10. 16. 27. 30 May 4. 12. 19. 2  
June 4. 9. 16 July 1 Aug 17 Sep 18. 24 Nov. 3. 9. 24 (1926) Mar 25 Apr 6 May 24  
1929 July 4. 8. 12. 13. 16

Total No. of Visits 36