

STEEL STEAMER ~~OF MOTORSHIP~~

21 APR 1926

Received at London Office

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

13th April 1926.

Port of

Glasgow.

No. 45540

Survey held at

Renfrew.

Date First Survey

3rd June 1925

Last Survey

8th April

1926.

On the

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

mady aft. Vini Sc. Cutter Section Bredger.

"LORD WILLINGDON."

State Type

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

Restricted Class.

State Type of Erections

File only.

TONNAGE under Tonnage Deck...

802.49

CLASS

+ A.1. "Dudger." State if with freeboard as condition of Class

No

Built at

Renfrew

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

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

L 203

Launched

16th March 1924

Yard No. 674

Total

802.49

Breadth (greatest moulded)

B 41

Builders

W. Simons & Co. Ltd.

Gross Tonnage

863.74

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

D 13.33

Owners

Government of Madras.

Register Tonnage

357.53

1st Longitudinal Number (B + D) = 54.33

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length

203.3

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

11.83

Residence

London.

Breadth

41.2

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

15.22

Port of Registry

Glasgow.

Depth

12.5

Draught Moulded Freeboard for Vmage only.

If surveyed while building, afloat, or in dry dock

Building.

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			Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	24"		" " Reversed Frame		
" " in peaks			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \angle	4 3 32		" " top Angles		
" " Extends up to	deck.		" " bottom Angles		
Reversed Frame Amidships, Angle	3 3 30		Side Girders, No. each side and thickness		
Extends to main deck & across floors alternately and where Cabin floor fitted, across floors			Margin Plate depth (excl. of flange) and thickness		
" " Extends up to upper turn of double in E & B. spaces.	4"		" " Vertical Angle to Tank side		
Depth of Framing Girder	4"		Bracket abaft $\frac{1}{2}$ len. from stem		
Frames in Uppermost Continuous Treen Decks, Angle, \angle or \square			" " Vertical Angle to Tank side		
" " Second Treen Decks, Angle, \angle or \square			Bracket forward $\frac{1}{2}$ len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle \angle	4 3 32		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ @ $5\frac{1}{4}$		Tank Side Brackets, height above base line at toe of Frame and thickness		
State if Frame Joggled	Yes.		INNER BOTTOM PLATING.		
FRAMING ARRANGEMENTS (Sec. 7) state system and particulars			Breadth and thickness of Middle Line Strake		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Thickness of remainder in Holds		
INGLE BOTTOM.			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bankers and Boiler Room?		
Floors, Depth and thickness at mid-line in Holds	20 x 36		BEAMS.		
Height of Brackets at side above base line at toe of frame	no brackets.		Uppermost Continuous Deck, amidships in Walls, Angle, \angle or \square	8 3 40	$7\frac{1}{2} \times 3 \times 40$
Middle Line Keelson, on Floors, Angle, \angle or \square	$7\frac{1}{2}$ 3 48		" " in way of Deck \angle or \square	7 3 34	
" " Through Plate or Intercoastal Plate	34		Spacing	24	
" " Foundation Plate on Floors			Cabin Sole, Second Deck, amidships, Angle, \angle or \square	4 3 34	
" " Flat Plate Keel Angles	3 3 34		Spacing	48	
Side Keelsons, No. each side	Three Two.		Third Deck, amidships, Angle, \angle or \square		
" " thickness of Intercoastal Plate	34		Spacing		
" " Angles	double $4\frac{1}{2}$ 3 34		Fourth Deck, amidships, Angle, \angle or \square		
Two side stringers formed of angles	6 4 40		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, \angle or \square		
Solid Floors, thickness and spacing			Spacing		
" " Arc Frame and Reversed Frame joggled?			Bridge Deck, Angle, \angle or \square		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, \angle or \square	6 3 34	
			Spacing	24	

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>one</i>		Stringer Plate, breadth and thickness in way of Bridge	✓	
" between 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>3 1/4" solid.</i>		Thickness of Plating within line of openings	✓	
" " " " "	<i>@ 48" apart.</i>		If Sheathed, material and thickness	<i>2nd pine in Crow Space (2 1/2) 1 1/2" in Sterns</i>	
Centre Line Bulkhead.			Third Deck.		
Difference 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 x 56</i>	<i>app'd. 48.</i>	If Plated, state thickness	✓	
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	<i>3 1/2 3 1/2 46</i>		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells	<i>30</i>		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge	<i>30</i>		Bridge Deck.		
Thickness of Plating within line of openings...	<i>30</i>		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness	✓	
Cabin Sole:			Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness.....	<i>25"</i>	
Stringer Plate, breadth and thickness in Wells...	<i>12 x 25</i>		Plating, Sheathing, material and thickness ...	<i>.25 & .34.</i>	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. No. <i>No.</i> State if jogged?			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	42	58	42	42		double	7/8	3 3/4	three	7/8	3 1/8	lapped.
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes 4..)	53	44	38	38		single.	3/4	3	3 to 2	3/4	2 7/8	"
BILGE PLATING, No. of Strakes 1..)	52	"	"	"		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes 2..)	"	42	36	36	app'd.	"	"	"	Two	"	"	"
UPPER DECK, Sheer- strake in Wells.....)	48	58	40	36	56 to 36	double.	7/8	3 3/4	3 to 2	7/8	3 1/8	"
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			30			single	7/8	2 1/4	Two	5/8	2 1/4	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Extending to Upper Deck (Sec. 3 c)	Deck next below	As per Rule	STIFFENERS.				
					Plating Thickness.	VERTICAL.		HORIZONTAL.	
						Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D,	Upper tween decks	✓							
"	" Second	✓							
"	" Third								
"	" Holds								
COLLISION	" (in Hold)								
AFTER PEAK	"								

FORGINGS ~~and CASTINGS.~~

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		✓		
STEM		✓		
STERN FRAME { Propeller Post		✓		
{ Rudder "	Forging	6 1/2 x 2"	Emerson Walker	Thompson Bolt
RUDDER—A x D		17 1/5		
Speed of Vessel		8 knots		
RUDDER mainpiece at head ...	Forging	6 1/8	Emerson Walker	
" " heel ...	"	4 5/8	Thompson	Bolt
" " how constructed		Single plate type.		appd.
" " double or single plate coupling, vertical or horizontal		Single 86		7/6
		Vertical.		

STEEL.

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

Skid Co. of Scotland. D. Colville & Sons. Doornan, Long & Co.
South Durham L & S Co.

Has the Steel been tested as required by the Rules?

Yes.

Lloyd's Register
Foundation

EQUIPMENT No. 4												LETTER (N)		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
84965	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Shotmaus	N. Hingley	Ketherton 13.10.25
84964	2nd „ ...	28	1	0	7	0	23	27	6	1	0	35	"	+ Sons Ltd	H. Green
84782	3rd „ ...	25	0	14	Stainless			24	17	0	21	25	Halls.	"	16.7.25
	Collective weight.	73	1	14	+ 12	1	23					85			
	Stream	=			85-3-9.										

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.
<i>79356</i>	Fathoms.	Ans.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ans.	<i>Shot</i>	<i>N. Hingley</i>	<i>Ketherton</i>		TOWLINE	Fathoms.
<i>79370</i>	<i>105</i>	<i>1 1/2</i>	<i>10 1/2</i>	<i>58 1/2</i>	<i>123</i>	<i>0</i>	<i>15</i>	<i>210</i>	<i>1 1/2</i>	<i>Link.</i>	<i>+ Sons</i>	<i>24.10.25. H. Green.</i>		HAWSERS & WARPS	Ins.
	<i>105</i>	<i>1 1/2</i>			<i>123-2-2</i>		<i>242</i>								Tons.
	<i>210</i>	<i>1 1/2</i>			<i>246-2-17</i>										Ins.
Iron Stream Chain or Steel Wire	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Steering Gear, Steam & Hand Combined. (*Macgregor's*) Steering Gear, Hand Emergency blocks & Jackles.

Boats *22 22' x 7.3' x 2.9'* Steering Chains, Size and Test *7/8 short-link 18 1/4 LPH-N. 9 1/8* Manoeuvring Winch by *W. H. Wilson & Co.*

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

FOR WM. SIMONS & CO., LTD.

Builder's Signature *Joe Gray* SECRETARY.

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, instructions and printed rules of the Society for the class contemplated. The materials and workmanship are good. Freeboard verified and marks "cut in" on vessel side (for voyage only). The peaks, oil bunkers, decks and bulkheads tested as required by rules and found in order. Vessel fitted for burning oil fuel - Section 49 of the Rules have been complied with (1921-2). The following approved plans forwarded herewith (1) Midship Section; (2) Profile; Deck plan; (3) Sternpost & Rudder; (4) Cast Steel Propeller Brackets; (5) Pumping Arrangements; (6) Deck doubling plates in way of Boiler casing; (7) Bulkheads and (8) Midship Section. (as built) 3 Tonnage certificates & 1 casting cut. attached.*

The amount of Entry Fee £ *4 : 0 : 0.* Fees applied for, *20/4/26*

Special Survey Fee £ *86 : 8 : 0.* Received by me, *11.5.26*

FREEBOARD FEE. *4 : 0 : 0.* Travelling Expenses, if any £ *4 : 0 : 0.*

State whether the Vessel has been built under Special Survey *yes.* Signature *M. Macleod.*

Certificate to be sent to *Glasgow* Date of issue *13/5/26* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 20 APR 1926*

Character assigned *+ A1*

Dredger 4.26

Lloyds Assoc.

+ LMC 4.26 70.

Fitted for oil fuel 4.26 F.P. above 150°F

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011047-011056-0263 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.)

PILLAR

"

"

"

"

Centre
Strake

Plating

STRING
Upper
Strake

"

"

Thick
in

Thick
in

Thick

If SI

Cast
Second
Strake

STEEL

FLAT PLATE

"

BOTTOM I
of Strake

BILGE PL
Strakes

SIDE PL
Strakes

UPPER D
strake

UPPER B
strake

STRAKE B
strake

STRAKE B
strake

POOP SIDE

BRIDGE S

FORECASTLE

Total No

MIDSHIP

"

"

COLLISION

AFTER

STEEL

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

1st Bower ✓

2nd " ✓

3rd " ✓

15-1-14. D.D.W. 363. 21-5-25.

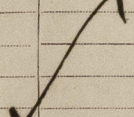
PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 28' ft.

(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 dk. (stl.)

Official No. ; Signal Letters Is bottom of Vessel coated with cement if not give particulars of composition Bitumastic Enamel. — Cement in Boiler space.

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,	8'	106
Double bottom, if under Boilers only,			Deep tank, forward,	8'	106
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. 5706

Date

4-6-25.

Dates of Surveys held while building

1925. June 3. 9. 12. July 1. 8. 31. Aug 7. 10. 25. Sept 3. 9. 14. 23.
Oct 5. 12. 19. 26. 28. Nov 4. 6. 13. 24. 25. Dec 4. 8. 11. 15. 16. 24. 28.
1926. Jan 11. 19. 22. 26. 28. Feb 1. 4. 18. 26. Mar 8. 10. 11. 12. 16. 19. 22. 30. 31.
Apr 7. 8.

Total No. of Visits

50