

STEEL STEAMER or MOTORSHIP.

Received at London Office - 6 OCT. 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

29th September 1926.

Port of

*Glasgow.*No. *46003*

Survey held at

Paisley.

Date First Survey

15th September 1926

Last Survey

29th September 1926.

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

Mach. aft. "Twin Screw" "HIKITIA."

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

Restricted Class.

State Type of Erections

none

TONNAGE under Tonnage Deck

*401.05.*CLASS *+ Al. Crane* State if with freeboard *No.* *Steamer for Harbour Service* Condition of Class

FEET.

Built at

Paisley.

Launched

15th April 1926. Yard No. *486.*

Builders

Fleming & Ferguson Ltd.

Owners

Wellington Harbour Board.

Managers

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

Residence

Wellington N.Z.

Port of Registry

Wellington.

If surveyed while building, afloat, or in dry dock

Building

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

Total

Gross Tonnage

746.21.

Register Tonnage

354.78.

REGISTERED DIMENSIONS.

FEET.

Length

160.1.

Breadth

52.35.

Depth

11.35.

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

L

160'

Breadth (greatest moulded)

B

52'

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

D

12'

1st Longitudinal Number (L x D) =

1920

2nd Numeral L x (B + D) =

10240

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

9.25'

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

13.33'

Do. Long Bridge to top of keel

Draught Moulded

4ft. for voyage only.

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	<i>24"</i>		" " Reversed Frame		
" " in peaks			" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <i>80°</i>	<i>4 1/2 3 3/8</i>		" " top Angles		
" " Extends up to	<i>deck.</i>		" " bottom Angles		
Reversed Frame Amidships, Angle	<i>3 3 3/8</i>		Side Girders, No. each side and thickness		
" " Extends up to	<i>across top of floors only.</i>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	<i>4 1/2"</i>		" " Vertical Angle to Tank side		
Frames in Uppermost Continuous Tween Decks, Angle, [or]			" " Bracket abaft $\frac{1}{2}$ len. from stem		
" " Second Tween Decks, Angle, [or]			" " Vertical Angle to Tank side		
" " Third			" " Bracket forward $\frac{1}{2}$ len. from stem		
Framing in Peaks, Angle	<i>4 1/2 3 3/8</i>		" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 - 5/4</i>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
State if Frame Joggled	<i>No.</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars			INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake		
SINGLE BOTTOM.			Thickness of remainder in Holds		
Floors, Depth and thickness at mid-line in Holds	<i>21 x 3/8</i>		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?		
" " Height of Brackets at side above base line at toe of frame	<i>parallel to rule of floor. none.</i>		BEAMS.		
Middle Line Keelson, on Floors, Angles	<i>4 1/2 3 3/8</i>		Uppermost Continuous Deck, amidships	<i>6 3 3/8</i>	
" " Through Plate	<i>3/8</i>		" " in Wale, Angle, [or]		
" " Foundation Plate on Floors	<i>24 x 3/8</i>		" " in way of Bridge, Angle, [or]		
" " Flat Plate Keel Angles	<i>3 3 3/8</i>		Spacing	<i>24"</i>	
Side Keelsons, No. each side	<i>Two</i>		Second Deck, amidships, Angle, [or]		
" " thickness of Intercoastal Plate	<i>3/8</i>		Spacing		
" " Angle	<i>Bulk</i>		Third Deck, amidships, Angle, [or]		
<i>Home Bilge Keelson, B.A. on floor only</i>	<i>6 3 3/8</i>		Spacing		
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or]		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Poop Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Bridge Deck, Angle, [or]		
			Spacing		
			Forecastle Deck, Angle, [or]		
			Spacing		

11

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5

222

FORGINGS ~~and~~ CASTINGS.

A

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Lloyd's Register
Foundation

EQUIPMENT No. ✓				LETTER ✓				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 53.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.
16295	1st Bower	25	2	-	25	2	-	25	25	-	-
41878	2nd "	25	1	-	24	19	14	24	25	-	-
16294	3rd "	24	1	14	24	1	14	24	-	-	-
	Collective weight.	75	0	14					50		
	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.									
29736	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.	shd	Kendrick Mole	Off. 17.5.26. S. Paul	TOWLINE... HAWSERS & WARPS	Fathoms.	Ins.	Tons.	Fathoms.	Ins.						
39204	100	1 1/2	40.5	53.7	117-2-0			115 1/2	100	1 1/2	Link	John Green	Exp. 7.5.26. S. Paul		2-120	5			2-120	5					
29766	45	"	"	"	52-0-14						2nd Shackle.	R & Mole.	Off. 21.5.26. S. Paul		2-120	5			2-120	5					
Stream	2-100	3"	18	18	170-0-11				200	3"	Steel Wire.	Graham & Co.													
Steel Wire																									

Steering Gear, Steam *Hand Combined by alloy Macellan.* Steering Gear, Hand *Emergency blocks & tackles.*

Boats *One lifeboat.* Steering Chains, Size and Test *3/4 short link 6 3/4 tons.* Windlass *Emerson Walker Thompson*

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 Fleming & Ferguson, Ltd.
A. D. Westwood
Builder's Signature *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 & marks "cut in" on vessels side (for voyage only) & the peaks, decks and bulkheads tested as required by Rule, and found in order.*

The following approved plans forwarded herewith:-

- (1) Midship Section*
- (2) Profile & Deck Plan.*
- (3) Pumping Arrangement.*
- (4) Cast Steel Propeller Brackets.*
- (5) Stemposts and Rudders.*
- (6) Bulkheads.*
- (7) Midship Section (as built.)*

Two forging certificates, and One casting certificate attached.

P.T.O.

The amount of Entry Fee £ 4 : 0 : 0. Fees applied for, *5.10.26.*

Special Survey Fee.... £ 7/4 : 12 : 0. Received by me, *7.10.26*

Freeboard Fee.

Travelling Expenses, if any £ 4 : 0 : 0.

I am of opinion the Vessel should be Classed *+ A1*

"Grave Steamer."

"For harbour services."

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

Certificate to be sent to *Glasgow* Date of issue *8/10/26*

Surveyor to Lloyd's Register of Shipping

Committee's Minute *GLASGOW 5-OCT-1926*

Character assigned *+ A1*

9.26.

Grave Steamer for Harbour Service

Lloyds A.R.C.P.

+ L.M.C. 9.26.

2/2
0148

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.)

Sister Vessel.

Glasgow Report No. 45543.

"RAPAKI."

Heming's Ferguson's Yard No. 485.

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

1st Bower
2nd "
3rd "

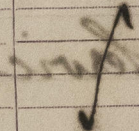
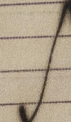
14.6.22. M.B. 2308. 30/1/25.
15.0.20. A.B. 3388. 8/3/26.
14.1.0. M.B. 2342. 27/2/25.

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 dk. (sk)

Official No. ; Signal Letters
Is bottom of Vessel coated with cement Yes. if not give particulars of composition

PARTICULARS OF WATER BALLAST.—

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. 5426

Date 24.9.25

Dates of Surveys held while building

1925 Sept 15 Oct 6-21-27 Nov 12-20-23-26-30 Dec 7-14-18-21 (1926) Jan 12-15-18-21-24
Feb 8-17-24 Mar 2-9-15-17-23 Apr 12-15-22-28 May 4-19 Jan 1-4-10-15-29 July 1-13 Aug 18-24
Sep 24-29

Total No. of Visits

43

Lloyd's Register
Foundation