

With or Without  
Disconnected Erections.

STEEL STEAMER.

WFO. 20 FEB. 1924

Received at London Office

Date of completion of report  
Survey held at

Port Glasgow

Date, First Survey

Port of  
Glasgow

Last Survey

No. 18164  
9<sup>th</sup> February, 1924

On the (State if Single, Twin, or Triple Screw)

Single Screw Steamer "GRETASTON"

Rig Fore & aft Schooner

TONNAGE under

4780.86

CLASS 100A1

FEET.

Master

Year of appointment

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

4780.86

Do. of Poop. TANK

14

Do. of R.Q.Dk.

108.64

Do. of Bridge House

56.10

Do. of Forecastle

3.15

Do. of Houses on Dk. (above fore)

40.38

Do. of excess of Hatways

18.90

Do. above Crown of

Gross Tonnage

5008.17

Less Crew Space

135.11

Less above Crown of

Engine Room

Tonnage for Pass.

1602.61

Less Engine Room

93.62

Less Navigation Spaces

Register Tonnage

3176.83

Destined Voyage River Plate

Surveyed while Building, Afloat, or in Dry Dock

Yes

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	Feet.	Inches.	No. of Tiers of Beams
401	6 1/2		52	8 1/4		27	7 3/4		Two	19	1 3/4	Two
Dimensions of Ship per Register, Length 404.9 breadth 53.0 depth 27.65												
Moulded depth, ft. 37 ins. 5 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.												
Moulded depth, ft. 30 ins. 0 To Upper Dk.												
FRAMING.												
FRAME, Angles, or Bars amidships	10 1/2	3 1/2	44	10 1/2	3 1/2	44						
Do. in peaks	7 1/2	3	40	7 1/2	3	40						
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42						
" " at intermdt. Bkts.	8 1/2	3 1/2	44	8 1/2	3 1/2	44						
of Frames from centre to centre amidships	28"			28"								
" " from 1/2 length to Collision bulkhead	24"			24"								
" " in peaks	24"			24"								
USED FRAME, Angles												
in way of Double Bottoms at Solid Floors	3 1/2	3	42	3	3	42						
" " at intermdt. Bkts.	8	3	44	8	3	44						
ING, depth of girder												
IS, depth and thickness of Floor Plate at mid line for 1/2 length amidships												
in way of Engine and Boiler Spaces												
thickness at the ends of vessel			40			40						
length at 1/2 the half breadth, as per Rule												
weight extended at the Bilges			40			40						
IS in Cell. Double Bottoms												
state if flanged (top & bottom)			NOT FLANGED									
Spacing of Solid floors	41"		54	41"		54						
IE GIRDER, in Dbl. bottom, dpth. & thcknss.	41"		54	41"		54						
" Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	50						
" " Bottom	4	4	56	4	4	56						
" " to Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42						
Brackets at intermdt. frmg., wdth & thkns	42		40	42		40						
GIRDERS, number on each side & thickness	1	2	40	1	2	40						
" state if flanged (top and bottom)			NOT FLANGED									
" Angles (top and bottom)	3 1/2	3 1/2	42	3 1/2	3	42						
" " to Floors	3	3	36	3	3	36						
IN PLATE, depth (exclusive of flange) and thickness	34 1/2		50	34 1/2		50						
" Angle to Outside Plating	3 1/2	3 1/2	50	3 1/2	3 1/2	50						
" " Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42						
Brackets at intermdt. frmg., wdth & thkns	42		40	42		40						
Height of Outside Brackets above at bilge	80"			71"								
BOTTOM PLATING, breadth and thickness of Middle Line Strake	50		50	50		50						
" " in Engine and Boiler space	ES 50 BS 56		ES 50 BS 56									
" " Remainder in Holds			42			42						
5, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3 1/2	46	6	3 1/2	46						
In way of Long Bridge	6	3 1/2	48	6	3 1/2	48						
Spacing			ON EVERY FRAME									
5, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	48	6 1/2	3	48						
Spacing			ON EVERY FRAME									
5, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel												
Angles on upper edge												
Spacing												
5, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	46	6	3	44						
Angles on upper edge												
Spacing			ON EVERY FRAME									
5, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	40	6	3	40						
Angles on upper edge												
Spacing			ON EVERY FRAME									
5, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	8 1/2	3	48						
Angles on upper edge												
Spacing			ON ALT FRAMES									
PILLARS.												
PILLARS In 'tween Deck, size and spacing												
" " Hold												
" " Quarter 'tween Dks.,												
" " in Hold												
KEELSONS & STRINGERS.												
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate												
Rider Plate												
" Flat Plate Keel Angles												
" Horizontal Plates on Floors												
" Angles or Bulb Angles												
SIDE KEELSONS, Number												
" Angles or Bulb Angles												
" Plate above floors, for length												
" Intercoastal Plate, for length												
" Attached to outside Plating with Angle												
BILGE KEELSON, Angles												
" Intercoastal Plate for length												
" Attached to outside Plating with Angle												
SIDE STRINGERS, Number												
" " Angle												
" Intercoastal Plate, for length												
" Attached to outside plating with Angle												
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	56	92	56	92								
" " br'dth & thickness (in way of Bridge)	56	40	56	40								
" " Angle (clear of Bridge)	4" x 4"	82	7" x 7"	80								
" " Tie Plate at sides of Hatchways												
" Deck, * Iron or Steel, for FULL lng.												
" " Thickness (clear of Bridge)												
" " (in way of Bridge)												
" Wood Deck, Material & thickness	NIL											
Second Deck Stringer Plate, br'dth & thickness	47	40	47	40								
" Angles on ditto, No. Two	3 1/2 x 3 1/2	40	3 1/2 x 3 1/2	40								
" Tie Plates outside Hatchways												
" Deck, * Iron or Steel, for FULL lng.												
" Wood Deck, Material & thickness	NIL											
Third Deck Stringer Plate, br'dth & thickness												
" Angles on ditto, No.												
" Tie Plates, outside Hatchways												
" Deck, * Material and thickness												
Fourth and Fifth Deck Stringer Plate, breadth & thickness												
" " Angles on ditto, No.												
" " Tie Plates outside Hatchways												
" " Deck, Material & thickness												
Poop Deck Stringer Plate, breadth & thickness												
" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34								
" Tie Plates												
" Deck, Material and thickness	STEEL											
Bridge Deck Stringer Plate, br'dth & thickness	56	50	56	50								
" Angle on ditto	5 x 5	50	5 x 5	50								
" Tie Plates												
" Deck, Material and thickness	STEEL											
Forecastle Deck Stringer Plate, br'dth & th'kns	34	34	34	34								
" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34								
" Tie Plates												
" Deck, Material and thickness	STEEL											

\* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



[illegible]







**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 37.75 ft., R.Q.D. r ft., Bridge 119.0 ft., Forecastle 43.0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 20K<sup>s</sup> (STL)

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft to

How are the surfaces preserved from oxidation? Inside by Cement & Paint Outside Paint

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors. Cellular System

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>130.7</u>	<u>400</u>	Fore peak tank,		<u>102</u>
Double bottom, under Engines and Boilers,	<u>39.7</u>	<u>155</u>	After peak tank,	<u>30.3</u>	<u>86.0</u>
<del>Double bottom, if under Engines only,</del>			Deep tank, aft,		
<del>Double bottom, if under Boilers only,</del>			Deep tank, forward,		
Double bottom, forward,	<u>172.8</u>	<u>565</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>1120</u>	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 3071

Date 30<sup>th</sup> October, 1922

No. 352 in builder's yard.

Dates of Surveys held while building

(1922) Oct. 18 20 24 27 31. Nov. 3 7 10 14 20 23 24. Dec. 1 5 7 12 15 20 22 25 27.  
(1923) Jan. 10 12 16 17 19 23 25 29. Feb. 1 5 8 13 16 20 22 26. Mar. 1 6 9 13 14 16 20 22 26 31.  
Apr. 3 6 11 16 18 20 24 27. May 1 4 10 17 21 24 28 29 30. June 5 13. Aug. 28. Sept. 6 10 20 24.  
Oct. 2 8 26. Nov. 2 6 7 9 16 19 28. Dec. 6 11 16 17 18 21 27 28 29. (1924) Jan. 9 11. Feb. 4 9.

Total No. of Visits 94

Surveyor's Signature Robert K. Dunsen