

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office JUL. 1921

Date of completion of report 29th June 1921. Port of Greenock. No. 17847.
Survey held at Greenock Date, First Survey 17th Sept. 1919 Last Survey 28th June 1921.

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "GRACIA" Rig Fore & aft schooner.

TONNAGE under Tonnage Deck... 5261.48

CLASS + 100 A1.

FEET.

Master Kenneth Macdonald

Year of appointment (1) As Master in service of owner of present vessel: 1918 (2) As Master of this vessel: 1921.

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

Breadth (greatest moulded) 54.0

Built at Greenock.

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side 33.42

When built 1921 Launched 6th May 1921.

Do. of Poop

Transverse Number 87.42

By whom built Scotts Shipbuilding & Eng. Co. Ltd.

Do. of R.Q.Dk.

Length on deck from fore part of stem to after part of stern post 414

Owners Donaldson Line Limited

Do. of Bridge House

Longitudinal Number 36192

Managers Donaldson Brothers Ltd.

Do. of Forecastle

Depth "d," at middle of length (See Secs. 2 & 13) 21.0

Residence Glasgow.

Houses on Dk. 284.29

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.38

Port belonging to Glasgow.

excess of Hatchways 31.28

Long Bridge Deck Beam at side to top of keel 9.9

one Crown of the Room 5641.78

one Room 192.90

one Room 1805.37

one Room 106.91

one Room 3536.60

Destined Voyage Montreal. If Surveyed while Building, Afloat, or in Dry Dock Yes.

Feet. Inches. BREADTH—Moulded 54 0

Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 30 10

Moulded depth, ft. 41 ins. 11 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.

Moulded depth, ft. 33 ins. 5 To Upper Dk. Dk. Beam, Actual 13 1/2 ins.

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[illegible]

EQUIPMENT NO.				LETTER				ANCHORS.				TONNAGE U.K. OR PLATING No. FOR RAILWAYS			
Number of Certificate.		Anchors.		WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Cwts.	qrs.	lbs.	
36664	1st Bower	66	1	0	Stockless	51	13	0	14	68	0	0	Quick grip.	Knot stated.	Grad. H. 24-3-21. Paul.
36665	2nd "	65	3	14	"	51	10	0	0	68	0	0	"	"	"
36666	3rd "	65	2	14	"	51	7	2	0	58	2	0	"	"	"
	4th "														
	Collective weight.	197	3	0						194	2	0			
36668	Stream	19	1	0	5	0	8	20	1	3	14	19	0	Ordinary	Knot stated.
36667	Kedge	8	1	0	2	0	8	10	7	2	0	8	0	"	"

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

	1st Bower	2nd "	3rd "	4th "
Wt incl pins	43-1-16	"	43-3-8	"
Sure. Init.	D.D.W.	"	D.D.W.	"
No. of Certif.	4276	"	4274	"
Date of test	23-11-20	"	23-11-20	"

CHAIN CABLES.										HAWERS AND WARPS.											
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.		Length and Size supplied.		Breaking Test of Steel Wire Twine.		Length and Size per Table 31.		
		Length.	Diam.	Status.	Break.	Supplied.	Per Rule.	Length.	Diam.							Length.	Cir.	Tons.	Cir.	Length.	Cir.
56050		270	2 1/4	2 1/4	2 1/4	210	0 7/10	270	2 1/4	Lead	H.P. Parker	Sept., 24-3-21	LOWLINE	120	3 1/2	65	120	3 1/2			
													HAWERS & WARPS	2090	2 1/2	15 1/2	2090	2 1/2			

Boats 4 lifeboats each 26 feet.
Pumps Number One hand pump to fore peak flat.
Windlass is steam by Clarke Chapman & Co.
Engine Room Skylight.—How constructed? By steel plates at angles.
Coal Bunker Openings.—How constructed? By steel plates at angles.
Number of Scuppers, and numbers and dimensions of **Freeing Ports**, &c. 4 scuppers each side. 8 freeing ports each side. 3'6" x 1'6".
Ceiling in Holds, thickness and material 2 1/2" white pine on 2" battens.
Cargo Hatchways.—How formed? By steel plates at angles.
State size No. 1 Hatch (Forward) 22'6" x 16'0". **No. 2 Hatch** 31'6" x 16'0". **No. 3 Hatch** on bridge 15'9" x 16'. **No. 4 Hatch** on bridge 11'3" x 16".
Number of Web Plates, Stringer Beams and Floor and Ceiling to each Hatch N° 5 MATCH 27'0" x 16'0", N° 6 MATCH 22'6" x 16'0", N° 7 on roof 8'3" x 8'0".
Bulwarks, height above deck and description 4'0" steel.
The foregoing is a correct description.
Builder's Signature (here only) JAMES MARET & SONS LTD. **Surveyor's Signature** H.L. Swinton. **Inspector's Signature** J.S. Mares.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
29-4-18-5, 21-5, 12-6, 4-7, 15-7, 21-7, 31-7, 22-8, 30-9, 3-10, 6-10, E. 31-7-19, 19-2-20, Glasgow Sea. 3-11-19, 23-1-20, 4-2-20.
Workmanship. Are the butts of plating planed or otherwise fitted? Planed.
Is the riveted work properly closed? Yes.
Are the liners between the frames and plates solid single pieces? Frames jiggled.
to plate, &c., conform well to each other? Yes.
from the faying surfaces? Yes.
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes.
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes.
General Remarks (State quality of workmanship, &c.) Workmanship good.
This vessel has been built in accordance with the approved plans, the Secretary's letters of above dates and in general conformity to the Rules for the class contemplated.
Oil fuel for burning is to be carried in Nos. 1, 2, 3, 4 & 5 double bottom tanks and in side bunkers in machinery space, the requirements of Sec. 49 of the Rules and the Secretary's letters regarding the case have been complied with and the tanks tested as required.
The deep tank is arranged for the carriage of oil fuel on the understanding that the tank will always be completely full, and has been tested in accordance with the Rules.
Copy of Owners letter with regard to omission of lower deck bulkhead attached hereto.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 9 : 0 : 0
Special Survey Fee ... £ 341 : 1 : 0
Travelling Expenses, if any £ ————
FREEBOARD. 11 0 0
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed * 100 A1. fitted for oil fuel
With or without Freeboard, as condition of Class Intermediate between OK RH in after hold
Committee's Minute GLASGOW 5-JUL-1921
Character assigned - 100 A1
6.21
Lloyd's A+C
+ LMC 6.21 3D
Fitted for oil fuel 6.21 I.P. above 150°

Fees applied for,
29 June, 1921.
Received by me,
30 June 1921.

Certificate to be sent to Grunrock. State of issue 19.7.21.

Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *34.5* ft., R.Q.D. *150.75* ft., Bridge *150.75* ft., Forecastle *65.5* 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 should appear in the Register Book) *2 DR (all)* State if Machinery is fitted aft *No.*
Official No. *144258*; Signal Letters _____
How are the surfaces preserved from oxidation? Inside *By paint & part cement applied in C.D.B. oil tanks* Outside *By paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>123.75</i>	<i>304</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<i>60.75</i>	<i>267</i>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>170.25</i>	<i>552</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1123</i>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. *54.75*

State whether the above have been tested as required by the Rules. *Yes.*

Order for Special Survey No. *2996*

Date *22-A-19*

No. *510* in builder's yard.

DATES OF SURVEYS held while building

(1919) Sept. 17, Oct. 22, Nov. 3, 7, 13, 20, 25, 27, Dec. 4, 5, 9, 12, 18, 19, 24, 30. (1920) Jan. 12, 14, 20, 22, 23, Feb. 3, 4, 6, 10, 13, 15, 18, 21, 23, 25, 26, 30, Apr. 5, 7, 13, 15, 20, 23, 28, 29, 30, May 4, 7, 11, 18, 21, 26, 27, June 1, 3, 7, 10, 15, 22, 23, 30, July 16, 27, August 23, 31, Sept. 1, 12, 23, 31, Oct. 1, 14, 16, 22, 28, Nov. 7, 15, 19, 25, 28, Dec. 2, 3, 5, 11, 16, 18, 22, 26, Dec. 27, 15, 17, 21, 27, 30. (1921) Jan. 11, 14, 18, 20, 24, 28, 29, 31, Feb. 1, 3, 4, 7, 10, 11, 14, 16, 18, 22, 23, 25, 28, Mar. 2, 3, 7, 9, 14, 22, 31, April 2, 4, 6, 13, 14, 18, 19, May 3, 4, 6, 10, 12, 16, 18, 20, 23, 24, 25, 30, June 1, 2, 7, 8, 13, 17, 18, 22, 23, 24, 27, 28.

Total No. of Visits *15*

Surveyor's Signature *H. L. Swinton*

Lloyd's Register Foundation