

COPY.

Hamburg Report Nr. 18461

Lloyd's Register of Shipping.



RETAIN

Port HAMBURG

20th May, 1929.

This is to Certify that

XXXX A. Carstensen XXXX

the undersigned Surveyor to this Society did at the request of Messrs. Deutsche Schiff- und Maschinenbau A.G. Werk Vulcan Hamburg survey during construction a complete set of exhaust steam Turbine Drive, System Bauer-Wach, intended to be fitted to the existing reciprocating engine of the s.s. "CLAN MACARLANE" 6222 tons gross of Glasgow.

The parts survey are as follows:-

The complete exhaust steam turbine with safety governor and all appliances including a cast iron seating.

The complete reduction gear with casing, oil coupling and thrust block and main shaft coupling piece.

The complete changeover valve.

A set of special tools and spare parts.

The old thrust shaft, which has been made fit for the new thrust block.

The materials used in the construction are made at works recognised by the Committee and tested by the Society's Surveyors in accordance with the requirements of the Rules. Turbine casing, oil coupling and changeover valve have been hydraulically tested and found in order. All parts have been examined in finished condition and found sound and free from

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that—

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society."

See continuation

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Exhaust Steam Turbine for s.s. "CLAN MACFARLANE". - Continuation

defects and in accordance with the approved plans. The workmanship was good.

The installation of all of these parts will be done at the works of Messrs. Deutsche Schiff- und Maschinenbau Aktiengesellschaft, Werk : Vulcan Hamburg.

For identification purposes the following parts have been marked as follows: -

Main wheel shaft	Lloyd's F.K. 347	27.4.28
Main wheel Rim	" J.L. 4362	23.5.28
Pinion II	" M.K. 1467	9.6.28
Wheel Rim I	" M.K. 1398	11.5.28
Pinion I	" M.K. 1468	9.6.28
Turbine Rotor	" M.K. 1401	10.5.28
Oil Coupling Shaft	" J.K. 356	27.4.28
Main Shaft Coupling Piece	" J.Q. 2482	26.7.28
Turbine Shaft	" F.K. 434	29.6.28
Oil Coupling	Lloyd's A.C. 7	atn. 8.8.28
Turbine casing	Test " A.C. 2	" 21.9.28
Changeover Valve Casing	" A.C. 2	" 3.9.28

A. Carstensen

Surveyor to Lloyd's Register.



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