

Chief Engineer

American Bureau of Shipping

45 BROAD STREET, NEW YORK 4, N. Y.

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Report No. 32254

Seattle, 4, Wash., February 21, 1956

USNS "GENERAL JOHN POPE"

THIS IS TO CERTIFY that the Undersigned Surveyor to this Bureau did, at the request of the Military Sea Transportation Service, attend the B & G Machine and Welding Company, Seattle, Washington, on the 21st day of February 1956, in order to examine and report upon the balancing of a turbine rotor removed from an auxiliary generator of the USNS "GENERAL JOHN POPE". Said turbine rotor spindle journals were chromed and ground. For further particulars see report as follows:

BALANCING, AUXILIARY GENERATOR TURBINE ROTOR.

- 1.- Turbine rotor examined and found to be in satisfactory condition.
- 2.- Stampings:
 - #D 415AB
 - H50800
 - AB 1683
 - Ht. 18817
 - JFS 8-10-42
- 3.- Turbine rotor proved in balance in the presence of the undersigned. Balancing carried out on a Stewart Warner balancing machine equipped with Merrill Engineering Laboratories electrical meters. Balancing carried out statically and dynamically in respective ranges of 350-700 RPM.

In connection with obtaining balance thirty grams of weight in the form of screws were installed to the wheel between the first and second rows of blading. Approximately seven grams, total, were ground off at both ends at angles ninety degrees from installed weights.

In the opinion of the undersigned the aforementioned D.C. auxiliary turbine rotor is in balance and fit to be installed in a vessel classed with this Society.



This Report is issued subject to the condition that it is understood and agreed that neither the Bureau nor any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by this Bureau or its Surveyors or in any entry in the Record or other publication of the Bureau or for any error of judgment, default or negligence of its Officers, Surveyors or Agents.

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