

COPY.

AUG 1949

Lloyd's Register of Shipping



Port of Vancouver, B.C.

13th July, 1949.

No. F-19,795

This is to Certify that

J. A. STEWART

the undersigned Surveyor to this Society did at the request of B.C. Marine Engineers & Shipbuilders Ltd., attend at their works at Vancouver, B.C. on the 8th July, 1949 and subsequent dates for the purpose of examining and testing one forged upper rudder stock and emergency gear stock with split muff coupling intended for use on the M.V. "PORT HEARNE".

TESTS ON STANDARD TEST PIECES:-
Upper Rudder Stock (2 sections)

| <u>Tensile</u> | <u>Elongation in 2"</u> | <u>Cold Bend Test</u> |
|----------------|-------------------------|------------------------------|
| 89560 | 22.5% | 180 degrees without fracture |

Muff Coupling

| <u>Tensile</u> | <u>Elongation in 2"</u> | <u>Cold Bend Test</u> |
|----------------|-------------------------|------------------------------|
| 71200 | 35.0% | 180 degrees without fracture |

The stocks and muff coupling were machined to size, examined and found to be, so far as could be seen, sound and free from defects.

For the purpose of identification the parts have been marked:- Lloyd's No. F 19795
12-7-49 J.A.S.

(SGD.) J. A. STEWART

SURVEYOR TO LLOYD'S REGISTER

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

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