

Mr Anderson 31/10

CASE NO. 240 S.

SHIPS: "PAMIR" and "PASSAT"

ENGINEERS: Howaldtswerke

Order No. 605 918.

IT IS SUBMITTED the Hamburg Surveyors be informed it is noted that these vessels are four masted barques, and it is concluded that the machinery is for auxiliary propelling purposes. Accordingly, submission of torsional vibration calculations for examination would not be required unless specially requested by the Owners, in which case a fee commensurate with the services rendered would be chargeable. \*

Further, it should be pointed out that the data forwarded with their letter of 29/10/51 <sup>would be</sup> ~~is~~ insufficient for the examination of the T.V.C's. The following additional particulars and plans <sup>would be</sup> ~~are~~ required:-

- 1) A completed engine data sheet.
- 2) A detailed plan of the crankshaft.
- 3) Detailed plans of straight shafting for each installation.
- 4) The firing order.

Retain 3 sets of Firm's calculation sheets meanwhile  
Retain 1 set of Firm's calculation sheets in Research Files.

to 27/11

SA. 360  
8.11.51.

\* It should be pointed out however that if the T.V.C's are not examined it would be necessary to enter an endorsement to that effect on the vessels' machinery certificates



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