

Dear Sirs

As part of the continuous development of our products, we have introduced a new type of pilot operated check valves (POCVs) for all sizes of MAN Alpha propellers, type VBS Mk 3.

The new design consists of two different POCVs. One fast reacting and three or five standard reacting. The fast reacting POCV prevents hydraulic peaks in the servo oil system of the propeller and together with the standard reacting POCVs ensures sufficient oil flow for smooth operation of the propeller pitch.

Only the new designs are available from stock, but the old and the new POCV designs are fully interchangeable.

At the same time, we have introduced a test procedure for the POCVs to allow the technical crew to test for proper function of the POCVs. We recommend that the test procedure is incorporated in the normal routine maintenance onboard.

POCVs that do not work properly will cause the pitch of the propeller to change in the event of a black-out on the vessel, and it will not be possible to maintain the pitch of the propeller during emergency running of the propeller.

Proper working of the POCVs will also keep the power consumption at a minimum, as the hydraulic system will not have to continuously compensate the pitch of the propeller.

For further information, please do not hesitate to contact our Technical Service Department:

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Yours faithfully



Lars Henrik Hejlesen
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Action code: **WHEN CONVENIENT**

Performance Test of Pilot Operated Check Valves (POCVs)
 Updating of SL13-575/BTT

SL2016-631/BTT
 November 2016

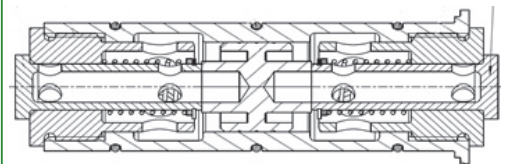
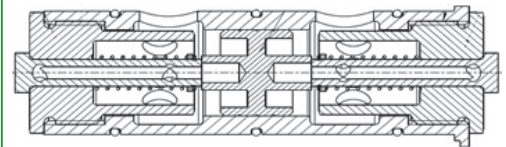
Concerns

Owners and operators of MAN Alpha Propellers.
 Type: VBS Mk 3 all sizes

Attachment:
 POCV Test Procedure,
 drwg. no. 2169794-2.2



Old design POCV



New design POCV