From: Katherine McClellan kmcclellan@maritime.edu

Subject: Aux I Lab

Date: March 21, 2023 at 7:52 PM

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Cc: William Haynes whaynes@maritime.edu

To All,

As we start to make the transition to the new training ship and update some of the labs, one of the changes is the Valve Inspection/Lapping assessment that was done on cruise. This assessment fits the curriculum for Aux I and would be very beneficial for the FE and ESE cadets. I am asking that during your valve lab you cover the assessment, as it will be removed from Sea Term II. If you have any questions, please let me know.

• OICEW-8-2E Overhaul valve

• Performance requirement

Behavior	Standard
The student will:	During assessment, the student shall, at a minimum:
Disassemble a globe valve	Remove old packing from stuffing box
Inspect valve	Examine disk and seat Blue-in valve disk and seat
Repair valve as necessary	Machine, grind-in and bed-in valve disk and seat as required Replace bonnet gasket Select and install new packing Take up on valve stuffing box gland
Reassemble valve	Prove valve leak free with hydrostatic test

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