

U.S. Department of
Homeland Security

United States
Coast Guard



Commanding Officer
United States Coast Guard
Marine Safety Center

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16710/P023978/riv
Serial: E1-2303409
September 28, 2023

DNV

Attn: Michael Lehmann
Veritasveien 1
1363 Høvik, Norway
Michael.Lehmann@dnv.com

Subj: INDEPENDENT ASSESSMENT OF CONTROL BOARDS FOR FILTERSAFE
MANTA AND BS FILTERS

Ref: (a) DNV Job ID No. 262.1-039969-1, "Evaluation of alternate components for the control board of the Filtersafe BS and Manta filter series," 2 pages, dated July 27, 2023

Dear Mr. Lehmann:

We reviewed reference (a) and the supporting documentation, requesting acceptance of control boards with selected alternate components to be applied to ballast water management systems (BWMS) with Filtersafe BS or Manta filter series without completing new environmental testing.

Your design study demonstrates the alternate control board is comparable to the existing components and no further environmental testing in accordance with 46 CFR 162.060-30 is necessary. We concur the completed environmental testing on only one control board is sufficient in the context of BWMS type approval testing.

The control boards with selected alternate components meet the requirements of 46 CFR Subchapter J. The Filtersafe BS series filter has demonstrated previous compliance with 46 CFR Subchapters F and J and is currently approved for installation on U.S. flag vessels. The Filtersafe Manta series filter has not been previously reviewed for compliance with 46 CFR Subchapters F and J and is not approved for installation on U.S. flag vessels. As a result, control boards with proposed selected alternate components discussed in reference (a) may only be applied to BWMS with Filtersafe BS series filters for installation on U.S. flag vessels and cannot be applied to Filtersafe Manta series filters until an evaluation is submitted and accepted by our office. While the materials of the Filtersafe BS series filters have been evaluated to meet the requirements of 46 CFR Subchapters F and J, the filter housing strength and design standard must still be evaluated for compliance when requesting an amendment for a BWMS approved for installation on U.S. flag vessels.

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FILTERS CONTROL BOARDS

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Please contact MSSE4 Robert Velazquez at (202) 795-6762 with questions concerning this letter.

Sincerely,

R. E. THOMAS
Lieutenant Commander, U. S. Coast Guard
Chief, Machinery Branch
By direction