

Service Bulletin

Priority RED

No 1

2000-03-20

Corrosion Problems related to Defective Back Flushing Cycle and High Bilge Water Temperature.

It has been found necessary to point out, that if the back flushing cycle not has been carried out according to the manual instructions, severe corrosion problems may occur in a very short period of time.

There are four major reasons to these corrosion problems.

- The system has not been properly Back Flushed with Fresh Water after having completed a full Bilge Water Cleaning- and Discharge Operation.
- The Cl content of the treated water has been > 2%.
- The temperature of the Bilge Water to be treated has been = > 60°C
- The standing still of salt water in the filter stages.

To prevent and avoid these problems we would like to stress the importance of:

1. Keeping the temperature of the bilge water to be treated between 50 and 55° C.
Never exceed 60° C.
2. That after each completed Bilge Water Cleaning and Discharge Operation;
(I.e. if the unit will be stopped for 5h or more).
Back Flush the system with FRESH WATER of a temp of >60° C.
3. Install **Cathodic Protection** using **Sacrificial Anodes** made of **Zinc**.
The sacrificial anodes to be screwed into the top plug of the three filter stages
(10, 11, 12). The Zinc anodes can be bought from us, our article no 15110.

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