

## **Installation Precaution, Recommended Maintenance**

**System Applicability: White Box Installations – Overboard Lines**

### **Important:**

The installation and proper operation of a Marinfloc White Box at your overboard line assures the operator that treated bilge water in excess of 15ppm will not be discharged overboard.

Many Operators have elected to install the Marinfloc White Box using their crew or appointed subcontractor. The ease of installation encourages this practice, however, recent reports of graphitization in the horizontal discharge line warrants the issuance of this Service Bulletin.

When installing the White Box, take special consideration to the difference in piping material leading into and out of the White Box. As the flanges and pipes of the White Box are 316L stainless steel, attention and preparation to the inlet and outlet piping must be taken to minimize any corrosion due to the difference in material composition. It is recommended that the flanges be suitably grounded either side of the White Box.

Furthermore, Marinfloc AB utilizes 316L stainless steel piping in the White Box to enhance durability and longevity of the system as well as reducing pipe degradation which may be caused by seawater contamination of the bilge tank.

It should be noted that during port state inspections, vessels are often asked to open their overboard line for examination. It has been reported that graphitized deposits from metal pipes may be misconstrued as oil residue. In addition, oil residue on the overboard pipe in the range of 2-3ppm is not uncommon as water treated to levels below 15ppm may have residual levels of oil which will adhere to the overboard line.

Checking and maintaining the quality of the overboard line should be included in the vessel's preventive maintenance schedule and history of same available for Port State/Class review.