

## **VALVES ON BRONZE THRU-HULLS**

### **“It can be done!”**

For years, boat builders, boat yards and repair facilities have installed replacement valves on existing thru-hulls. This is a common practice as it is less labor intensive than removing and replacing a thru-hull that has been in a boat for years. As long as the old bronze thru-hull is sound (no electrolysis or corrosion damage), it can be retained.

**Marelon<sup>®</sup>** Ball Valves (MF 850 & 849 series) can and have been installed on bronze thru-hulls for years. Some production boat builders are installing our Marelon Integrated valves on bronze and stainless steel thru-hulls as standard equipment. High quality blue-water fishing boat builders are using **Forespar<sup>®</sup>** **Marelon<sup>®</sup>** "93" series Integrated valve systems on bronze thru-hulls without any trouble.



#### **Tips:**

- Be sure the bronze thru-hull is sound
- Be sure the threads are clean and all old sealant is removed
- Do not cross-thread! Bronze will "cut" threads if forced onto **Marelon<sup>®</sup>**
- Use adequate **Teflon<sup>®</sup>** pipe tape or plumber's dope for thread sealant
- Be sure you do not "violate" the sealant on the thru-hull by twisting in the hull
- Do not over-tighten the valve. "Hand tight" is all that is needed
- Properly bond or ground the bronze thru-hull. It is still subject to electrolysis and corrosion, even with the Marelon<sup>®</sup> valve installed
- For the "Ultimate" in corrosion control and weight savings, change all thru-hulls to **Marelon<sup>®</sup>** as well as the valves!

**Note:** There are a number of foreign-made bronze thru-hulls on the market. **Forespar<sup>®</sup>** cannot guarantee thread compatibility on these inferior thru-hulls.