

# MATE ROV Competition EXPLORER Cannon Handbook



<http://www.civilwarartillery.com/manufacturers.htm>

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Specific gravity of Civil War cannon compounds:

**Iron: 7.87 (7870 kg/m<sup>3</sup>)**

**Bronze: 8.03 (8030 kg/m<sup>3</sup>)**

Foundries and casting marks:

### **AF. Augusta Foundry.**

During 1862, citizens around the region donated bronze church bells to be forged into cannons. Four **bronze** cannons were created at the foundry, each of which was stamped with the AF symbol and the year they were created.

### **BF IC. Bellona Foundry.**

The Bellona Foundry in Richmond, Virginia was owned and operated by John Clark. During the war, this foundry produced numerous **iron** cannons. Each cannon was stamped with the initials of the foundry and the owner. Note that the letter I was often used in the place of J.

### **FPF. Fort Pitt Foundry.**

The Fort Pitt Foundry in Pittsburgh, Pennsylvania was founded in 1814 and made large numbers of **iron** cannons for Union forces during the Civil War. A number of these cannons were captured and dispersed to different confederate forces. The casting mark FPF was stamped on each cannon manufactured by the Fort Pitt Foundry. There were many owners of the foundry and additional initials were often stamped on the cannons to reflect this.

### **TF – JRA. Tredegar Foundry.**

The Tredegar Foundry was also located in Richmond, Virginia. This foundry was owned and operated by J.R. Anderson and created many **iron** cannons during the war. As was the custom, each cannon was stamped with the initials of the foundry and the owner.