

GME

GLOBAL MARINE EXPLORATION, INC.

Respect for Integrity of Artifacts.

All professional actions of the conservator are governed by unswerving respect for the aesthetic, historic and physical integrity of the object. Regardless of an artifact's condition or value, its aesthetic, historic, archaeological, and physical integrity should be preserved. After conservation, an object should retain as many diagnostic attributes as possible. The preservation of the diagnostic attributes of the object being conserved is of utmost importance in selecting a conservation treatment.

Donny L. Hamilton—Texas A&M University

Bronze Mortar

One of the first artifacts to be cleaned was this encrusted bronze mortar, #PC0294 ,after a few days in the electrolysis tank we began to notice symbols along the outside of the base.

The general form is typical of 16th Century Spanish mortars, and it's quite usual to have cast badges and similar between the lugs on the sides. It is also common to find the names or initials of makers cast into mortars. In a few cases, and more commonly in the 17th Century in northern Europe, the bronze founders would sometimes include the initials or other details of intended owners - so they were sometimes casting mortars on-demand for retail customers. Most frequently, this was done by impressing ownership initials into the sides of the (sand) mould using sets of letter blocks (exactly the same technique used in bell making) - for prolific makers we can often identify their work from the characteristic forms of these letters. Research by: Martin Roberts

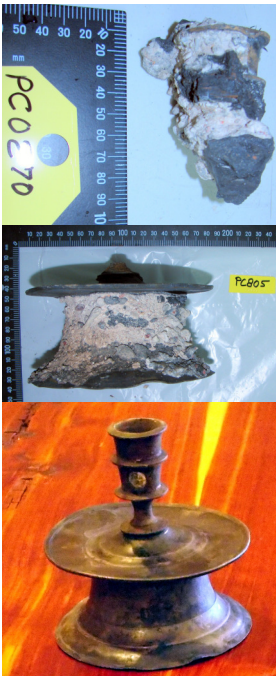


Breech Loading Swivel Gun



The Bronze Swivel Gun has gone through the surface cleaning stage and is now ready to begin its year long bath in the electrolysis tank.

Capstan Candle Holder



After the cleaning process of artifact# PC00270 and PC00805 we were able to fully restore this capstan candle holder.



Before & After Photos of Pewter Ware



A Pewter porringer with the mark of Thomas Curtis Circa:1520 to 1559 while the plate revealed the marks of Edward Cacher Circa:1538 to 1561.



The artifact room begins to take shape as



we begin the documentation faze.



Nestled Scale Weight