TM-2025 Bug History for Bogart Engineering Products
document revised February 15, 2015

When making a product bugs always need to be eliminated before we send them for final production. Before sending out the product we always believe that we have found them all, and importantly, not added any additional ones in making final corrections. Unfortunately this optimism has often demonstrably shown to be incorrect—sometimes discovered by our customers even before we do. Having made one mistake, we don't want to make a further mistake by keeping this important information from our customers.

We immediately fix any bug we discover. The issue below has been fixed in present production. (September 2, 2014)

B2: Initialization glitch (minor) when switching complexity level (P7 function) from L3 to L2. **Fixed February, 2015**. When using program P7 to switch from L3 level to L2 or L1 this is supposed to install all default values to the programs P10 through P14. However this only happens when going from L3 to L1. Going from L3 to L2 did not install the default values. The workaround when going from L3 to L2 is to be sure to first momentarily go to level L1. Then after doing that switch to L2. This was fixed February, 2015. (The person that discovered this has not yet claimed his $100 bug bonus. If he emails again and tells us his address and approximate date of first email we will pay him.)

B1. History data 1.1 malfunction: 4. History data "H1.1" malfunction: Fixed in August 2014. Amazingly, this has been present ever since the TM-2025 has been produced without being noticed. Discovered August 25, 2014 One of the history data items: **H1.1** that calculates the battery lifetime total cumulative discharge amp hours did not calculate the value correctly. The error was most likely to happen when the rate of discharge was high, but could happen under other conditions as well. Occasionally when the history data was accessed by holding the SELECT button to view the History data, 256 additional amp hours were immediately added to the total, thus making the total discharge amp hours too high by multiples of 256 amp hours, depending on the number of times this data was accessed.