Purpose:

To inform customers of the solution to a problem in which the values of mapped variables changed by a communications MBX are not saved when you cycle power.

Products Affected:

All ORION communications MBXs that include MBX-MAP version 2.3a or 2.3b. These include:

- MBX-MDB (Modbus)
- MBX-DHL (Data Highway/Data Highway Plus)
- MBX-S908 (Modicon Remote I/O)
- MBX-DF1 (SLC500 Communications)
- MBX-QP (QuickPanel Communications)

Description:

When MBX-MAP versions 2.3a and 2.3b changes the value of a variable through any of the communications MBXs, or using a REG() statement, the non-volatile memory is not updated. This means that the variable will return to its original value when you cycle power on the controller.

Version Numbers:

There are three ways to determine the version of MBX-MAP in your controller:

1. If you have access to a computer with ORMEC's MotionDESK installed, power up the controller and note the version of MAP as indicated on the MotionBASIC® sign-on screen.
2. Using MotionDESK, you can also type ? MBVER$ <Enter>.
3. If you do not have a computer with MotionDESK installed, observe the Status Display on the controller while it is powering up. About 20 seconds after you turn power on, the display will start to indicate the version numbers of the installed software. It does this by flashing letters to tell you which software it is about to display and then flashing the numbers and letters that indicate the version number. Watch the display until it flashes the letters "M" "A" "P" and then note the next three characters it displays.
If you have MAP version 2.3a or 2.3b then you may experience this problem

**Solution:**

Customers with MAP version 2.3a or 2.3b should contact ORMEC's Service Department to arrange for an upgrade to the latest version. If you have a computer with ORMEC's MotionDESK software, we can send you a disk for you to perform the upgrade yourself. Otherwise, you can exchange the PCC-SYS card for one containing the latest version.

When contacting Service, please make sure you have full details of your MotionBASIC® version and a list of all MBXs on your PCC-SYS card. You can obtain this information by observing the MotionBASIC® sign-on message using MotionDESK or the controller's Status display.