Purpose:

To advise customers of the solution to a software problem that can cause GN3 S908 drops to temporarily disconnect from the remote I/O network.

Description:

Unlike conventional S908 Remote I/O drops, the GN3-S908 adapter card listens to all message activity on the network including messages intended for other drops and replies to the PLC from other drops. The normal network topography subjects reply messages from other drops to much more attenuation than messages intended for the GN3-S908 drop itself. On large networks (5 or more drops on either side of the GN3 drop) the additional attenuation can cause the GN3-S908 to detect large numbers of receive errors in the reply messages from other drops. While these receive errors in no way affect operation of the GN3-S908 drop or any other drop on the network, when they occur, an error in the GN3-S908 software may occasionally cause the GN3-S908 drop to temporarily disconnect from the network.

Part Numbers Affected:

All of the following MotionCARD™ part numbers with S908 version of 1.30 or lower are affected.

   MCD-S908
   MCD-J190
   MCD-J200
   MCD-206
   MCD-212
   MCD-J237

You can determine the S908 version number of your MotionCARD by stopping execution of your program and typing PRINT S908.VER@. Some older versions of the MotionCARD™ may require you to type PRINT RIO.VER@
Solution:
Customers experiencing these problems should contact ORMEC Service and arrange to have the S908 MotionCARD™ upgraded to S908 version 1.31 or later.

Warranty Considerations:
MotionCARDS with the affected software will be exchanged for the latest revision under warranty at no charge to the customer.