Purpose:

To advise customers of the solution to a hardware problem that can cause GN3 S908 drops to experience retry errors and other communication problems.

Description:

The GN3-S908 Modicon Remote I/O Adapter card has built-in terminators that replace the external in-line terminators used on most S908 drops. Some of these cards have been manufactured with incorrect terminators resulting in less reliable communications and significant numbers of retries.

Part Numbers Affected:

All GN3-S908 cards shipped before 5/25/95.

Solution:

Customers experiencing an unacceptable number of retries on GN3-S908 drops should inspect the card as described below to verify whether the terminators are correct. If the terminators are incorrect, customers should contact ORMEC Service to arrange for the card to be repaired or replaced.

Inspection:

The card should have a 75 ohm resistor mounted in location R27 or on the back of the card immediately behind the BNC2 connector. (You should ignore connector BNC1 on cards with two BNC connectors.)

Incorrect configurations may have any of the following:

- Resistor values other than 75 Ohms.
- Resistors both on the back of the card and in location R27.
- No resistors on the back of the card or in location R27.
Warranty Considerations:

GN3-S908 cards with incorrect termination will be repaired or replaced under warranty at no charge to the customer.