FIRE CONTROL INSTRUMENTS by Honeywell

Technical Bulletin

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To: All FCI Engineered Systems Distributors

Undocumented 7100 Feature: Tally Fault Report

We are pleased to announce a previously undocumented feature of the 7100 Series FACP. As mentioned in the 7100 Series Fire Alarm Control Installation/Operation Manual (P/N: 9000-0447), the 7100 supports an alarm verification feature that can be used as a means to prevent false alarms from occurring.

The 7100 will keep a log of the number of times smoke detectors go into verification mode. If one particular detector goes into verification five times within a seven-day period it will issue the following trouble condition:

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FCI Tech Support   :
TALLY FLT:           Ion Detector    L1S02  00:57:14 01/04/99
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When the “Tally Fault” is issued by the 7100, it causes a trouble condition on the panel and it transfers the trouble dry contacts on the Basic System Module and activates any output device (such as an Addressable Output Module) that is configured to respond to the General Trouble list. If the DACT is installed and configured to report troubles, a signal will be sent to the Central Station. The “Tally Fault” condition will be cleared upon reset.

The 7100 will monitor the verification count for up to fifteen smoke detectors at a time. If a sixteenth detector goes into verification mode, the system will discard the oldest verification history. In addition, if a detector that has been issued a verification count by the system does not verify again within seven days its history will be discarded. The verification history is cleared upon initial power up and when the event log is cleared via the keypad menus. It is not cleared upon reset.

In a networked system with multiple 7100 panels, the verification history is maintained on a panel-to-panel basis. Each 7100 panel maintains its own independent verification history.

Sincerely,

Geoffrey Aldrich
FCI Technical Support

As always, feel free to contact Fire Control Instruments Technical Support Department with any questions or comments concerning this Technical Bulletin