

I n t e l l i N o t e

Event Printer and Printout Explanation

Overview: The Event Printer connected to the receiver is used to print all events that are received and trouble messages from the receiver. The Event Printer is the display for the receiver. When your monitoring system is offline or down and you are in a manual mode, this printer is the display for your receiver. It is the only place where you can read and interpret received signals in manual mode. Refer to the manual provided with the printer for printer specific instructions.

Manual Mode Operation: The receiver's internal buzzer will sound when a received signal is not acknowledged by a monitoring system. Press the ACKNOWLEDGE button on the front of the receiver to silence the buzzer. Then read the message printed on the Event printer to determine if the event requires action. You may have to advance the paper to read the complete message. If filtering of Check-in messages is active, the buzzer will sound and there will be no printed message. The buzzer is indicating that the Check-in message was not acknowledged by the monitoring system.

Filter Check-in: The Event Printer output of the 7000/2 can be configured to filter printing of Check-in messages. Filter Check-in messages is the default mode of the receiver when shipped. Every hour a two-line message is printed indicating the mode of the print filter. This also acts as an hourly test of the printer.

One of the following messages will print every hour:

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<Date Time> PRINT CONT 00  
FILTER - CHECK IN           = Check-in messages are not printed.  
  
<Date Time> PRINT CONT 01  
FILTER - NONE               = All messages including Check-in's are printed.
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Changing Filter Mode, Net7K: Refer to the Net7000 software section of your manual for complete instruction on changing the mode of the print filter using Net7K software. Press <Alt> F at the main screen of Net7K. A window will pop up. Type ON<Enter> to turn filter on or to disable Check-in printing. Type OFF<Enter> to turn filter off or to enable Check-in printing.

Changing Filter Mode, HH Terminal: You will have to use a Hand Held Terminal to change the mode if you do not have Net7K. Plug the terminal into the P2 port of the Network Controller Board. Press the reset button on the board. At the AES> prompt type in "SET CHN OFF" to disable Check-in printing, or type in "SET CHN ON" to enable Check-in printing. Do not confuse AES> prompt with the C:\AES> seen on the computer monitor screen. The AES> prompt is displayed on the Hand Held Terminal's display when connected properly to the Network Controller board.

Stored Events: The printer controller board in the receiver will store up to the last 100 events if the printer is not attached or is off-line. When the printer is put back on-line the messages will begin to print.

Specific Printers: The printer port of the 7000/2 is designed to operate with specific printers. Not all Centronics parallel printers will operate properly when connected to this port. One common problem using a printer not tested with the receiver's port is that the receiver will not recognize the printer if it is taken off-line and then back on-line.

Explanation of Event Printer Messages

This document provides explanations of the messages printed on the Event Printer attached to a 7000/2 or 7701. Not all of these messages are reported by all versions of Subscribers and Receivers. The messages you see will be dependent on the hardware, software and firmware versions you are using.

Message Structure: First line, All versions,

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yy-mm-dd hh:mm:ss <message type> <message source> cc *
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Where: yy = Year, mm = month, dd = date,
 hh = hour, m-m = minutes, ss = seconds,
 cc = hexadecimal message or zone number
 * = New event flag. Not being reported during Status or Check-in.

Message types:

ALARM	Subscriber reporting zone input in alarm.
RESTOR	Subscriber reporting zone input restored.
FAULT	Subscriber or CONTroller reporting a fault.
SUPVIS	Subscriber is reporting a supervisory message.
*MESSAG	Subscriber sending a text message (message structure is altered)
STATUS	CONTroller reporting a status message.
PRINT	CONTroller reporting a printer mode. (CEN Ver. 1.64 and later)
TAP	<i>IntelliTap</i> in a Subscriber, reporting a message or a status. (CEN Ver 1.65 and later)
Z TRBL	Supervised zone of subscriber (SUB Ver 1.72) in trouble condition. (CEN Ver. 1.xx and later)
TRBL R	Supervised zone of subscriber (SUB Ver 1.72) trouble restored. (CEN Ver. 1.xx and later)

Message source:

CONT	Central Controller
xxxx	Four digit hexadecimal Subscriber ID number.

Message Structure: Additional line(s),

Additional lines are generated, if the first line's code "cc" requires further explanation. These messages are model and version dependent.

CONTROLLER - AC RESTORE	Restoral of AC power in Controller.
CONTROLLER - AC TROUBLE	Loss of AC power in Controller.
CONTROLLER - ACTIVE MODE	(UL) Controller switched to Active mode.
CONTROLLER - ALARM RESTORE	Alarm automation board restored.
CONTROLLER - ALARM TROUBLE	Alarm automation board trouble.
CONTROLLER - BATTERY RESTORED	Battery voltage no longer Low.
CONTROLLER - COMM TIMEOUT STATUS MESSAGE NOT ACKNOWLEDGED BY COMPUTER.	(UL) Using an Unauthorized Net7000.
CONTROLLER - COMPUTER TROUBLE	Automation computer trouble.

IntelliNote CONTINUED: Event Printer Messages

CONTROLLER - COMPUTER RESTORE	Automation computer restored.
CONTROLLER - LOW_BATTERY	Low Battery detected by Controller.
CONTROLLER - MANUAL ACKNOWLEDGE RECEIVED	(UL) Operator pushed Silence/Acknowledge button.
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CONTROLLER - NET 7000 OFFLINE	Net 7000 not detected. Off-line.
CONTROLLER - NET 7000 ONLINE	Net 7000 detected. On-line.
CONTROLLER - PRIMARY MODE	Controller switched to Primary mode.
CONTROLLER - PRINTER OFFLINE	Event Printer not detected. Off-line.
CONTROLLER - PRINTER ONLINE	Event Printer detected. On-line.
CONTROLLER - STANDBY MODE	Controller switched to Stand-By mode.
CONTROLLER - TRANSCEIVER RESTORE	(UL) Voltage sense in 7730 restored.
CONTROLLER - TRANSCEIVER TROUBLE	(UL) Voltage sense trouble in 7730.
CONTROLLER - *** WARNING *** MULTIPLE CENTRAL CONTROLLERS ONLINE!	Multiple active Central Station Controllers detected on-line - with same cipher code.
CONTROLLER - *** WARNING *** TAMPER DETECTED ON TRANSCEIVER	(UL) The cover tamper switch in a 7730 has activated. Cover opened.
FAULT - AC MAINS	Loss of AC input voltage 7050-E.
FAULT - ADC/EXT EQUIP	Zone input fault by 7050-E Subscriber.
FAULT - CPU TIMING	Timing between CPU & Modem different.
FAULT - LOW BATTERY	Low battery detected at Subscriber Unit.
FAULT - MODEM LOOPBACK	Problem with modem chip.
FAULT - NO MODEM	Modem Chip fault.
FAULT - NONE	Fault Restoral or Reply by Subscriber to Status Request - All is OK, No Faults.
FAULT - NV MEMORY FAULT	NV Memory Fault.
FAULT - RAM BATTERY	Failed RAM Battery Check.
FAULT - RAM CHIP	Failed RAM Chip.
FAULT - RAM DATA	Failed RAM Check.
FILTER - CHECK IN	Printing of Supervisory Check-In is filtered. No printing of Check-In signals. This message prints once every hour while filtering is active.
FILTER - NONE	Printing of Supervisory Check-In is active. Print filtering not active. Prints once every hour.
MESSAGE - (<i>IntelliTap</i> message)	<i>IntelliTap</i> (Actual message data).
STATUS - AUTOMATIC CHECK-IN	Automatic Supervisory Check-In. V1.65+

IntelliNote CONTINUED: Event Printer Messages

STATUS - ACKNOWLEDGE DELAY Subscriber failed to receive <ACK> within time limit. CEN Ver 1.65 & later

STATUS - COMMUNICATION FAILURE Subscriber failed to receive <ACK> within time limit. Pre CEN Ver 1.65

STATUS - PANEL CONNECT TROUBLE *IntelliTap* Connection Trouble.

STATUS - POWER-ON RESET 1st Check-in, after power up.

STATUS - UNIT RESET 1st Check-in, after watchdog or PB Reset.

(UL) = These messages are printed, only on (UL) systems.

Example printouts:

97-04-15 11:55:18 SUPVIS 6839 00 *
On April 15, 1997 at 11:55:18 AM, Subscriber with ID 6839 performed an automatic supervisory Check-In. This single line format is pre CEN Version 1.65

97-04-15 11:25:20 SUPVIS 6839 00 *
STATUS - AUTOMATIC CHECK-IN
On April 15, 1997 at 11:25:20 AM, Subscriber with ID 6839 performed an automatic supervisory Check-In. This two-line format is CEN Version 1.65 and later.

97-04-16 08:00:00 ALARM 1971 01 *
On April 16, 1997 at 8:00 AM, Subscriber ID 1971 reported a zone activation on zone 1.

97-04-16 08:05:00 RESTOR 1971 01 *
On April 16, 1997 at 8:05 AM, Subscriber ID 1971 reported a zone Restoration on zone 1.

96-12-05 13:45:00 FAULT 2500 01 *
FAULT - LOW BATTERY
On December 5, 1996 at 1:45 PM, Subscriber with ID 2500 reported a low battery.

97-02-11 10:26:35 PRINT CONT 01 *
FILTER - CHECK IN
On February 11, 1997 at 10:26:35 AM, The AES Central Station Receiver is reminding or reporting that automatic supervisory Check-In signals from Subscribers will not be printed.

97-04-23 12:00:00 TAP 0003 -- *
MESSAGE - 4321 18 E140 00 C001
On April 23, 1997 at 12:00:00 PM a Subscriber, ID 0003 with an *IntelliTap* is reporting an *IntelliTap* message.

SELFTEST-PASS
CEN 1.71 (C)1997 AES
The central station receiver was powered up or reset. It passed its internal self tests and you have CENTral firmware version 1.71 created in 1997.

Contact AES Technical Support if you receive a printout not listed in this document.