

**EST3X Addressable Fire Alarm System  
Jewish Community Alliance of Southern Maine  
Portland, Maine**

**System Narrative**

**In the event of an alarm from an actuated device, the following shall**

**occur:** (Devices reporting an alarm: Manual Station, Smoke Detector, Waterflow Switch)

- 1) Notify the Portland Fire Department via Radio Masterbox  
    Notify the Central Station Monitoring Company via system Digital Communicator (DACT)
- 2) Sound alert signal to all locations within the building. The alert signal tone shall be a constant 900Hz pulse to produce one (1) round of the code four-four-four (4-4-4).
- 3) Upon completion of the alert tone, activate a pre-recorded digital message (female voice) to all locations within the building, which shall contain the following message.  
  
    "Attention please, the signal tone you have just heard indicated a report of an emergency in this building. If the evacuation signal sounds after this message walk to the nearest exit and leave the building."
- 4) Repeat message twice. Upon completion of audio message, sound temporal three on all audio circuits. The temporal signal shall sound until silenced by the fire department.
- 5) All visual indication appliances in the building shall flash in a synchronized fashion until the system is silenced by the fire department.
- 6) Annunciate audibly, visually, and in plain English the active initiating device at the fire alarm control panel.
- 7) Record all events in the system memory.
- 8) Activate control relay to shut off sound system.

**In the event of a supervisory condition from an actuated device, the**

**following shall occur:** (Devices reporting as supervisory: Tamper Switch, Duct Smoke Detector)

- 1) Notify the Central Station Monitoring Company via system Digital Communicator (DACT)
- 2) Annunciate audibly, visually, and in plain English the active initiating device at the fire alarm control panel.
- 3) Record all events in the system memory.
- 4) Shutdown any associated HVAC units.

**In the event of a system trouble report, the following shall occur:**

- 1) Notify the Central Station Monitoring Company via system Digital Communicator (DACT)
- 2) Annunciate audibly, visually, and in plain English the active initiating device at the fire alarm control panel.
- 3) Record all events in the system memory.