

Attachment 1 – Program description

- a. We wish to Install a GPS signal repeater inside the fire station to keep devices connected while inside the station. This device is manufactured by the GPS Source, Inc. this device will receive the GPS signal via an outdoor antenna, amplify it, and re radiate it at a pW level in order to utilize this signal indoors.
- b. This equipment should keep our front line apparatus' GPS devices connected to the satellites and "Alive". The situation we desire to correct is: Apparatus when responding from inside their garage, fail to lock on to the GPS satellite systems in a timely manner due to loss of signal while parked indoors. It is our belief that this "repeater" system will keep our apparatus connected at all times allowing us to take advantage of our AVL technology when responding to emergencies.
- c. If successful this experiment will allow our responding units to use their AVL devices immediately when responding to life safety emergencies. It is our understanding that others have successfully utilized this type equipment, to minimize response time, allowing help to arrive more quickly than is now possible.