

August 2, 2010

CWF Fire and Rescue
IS Department - Room 201
1300 7th Street
Wichita Falls TX 76301

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
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Application Narrative for Proposed Special Equipment Program

Proposed Program

CWF Fire and Rescue is made up of 6 different units whose primary responsibility is to minimize first responder times when arriving at the scene upon receiving notification. The need for constantly testing, developing and enhancing different GPS related technologies is an absolute requirement to maintain the most efficient and effective communication network.

In addition to testing and developing new technologies, these experimental systems allow for 24x7 signal acquisition which minimizes response by as much as 3-5 minutes in some cases which is obviously a critical factor for first responders saving lives. It is also a benefit that service technicians will be able to test, operate and perform maintenance on these systems as well.

Objectives

We seek to accomplish the following objectives:

1. Illumination with a GPS Signal to allow for the continued testing and experimentation on the new applications incorporated into a wide range GPS enabled laptops, mobile computing devices and navigation systems that are widely used by the Fire and Rescue units.
2. Further design, development and enhancement of existing GPS applications to provide greater efficiency and more effective means of utilizing GPS derived information with the overall objective of minimizing response time.
3. Ability to troubleshoot and repair GPS systems without having to endure the costly time and expense to relocate the equipment outdoors.

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