

EVA LLC - EMERGENCY VEHICLE ALERT SYSTEM



Connecting with safety



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ATTACHMENT TO FCC FORM 422

File #: 0175-EX-PL-2003

Supplement – EVA DESIGN INFORMATION and BACKGROUND

It is becoming more and more common for fire, police and emergency medical technicians to be delayed, or have disastrous accidents with other vehicles, when responding to emergency situations. In their December 13th, 2002 column, **CLICK AND CLACK TALK CARS**, Tom and Ray Magliozzi quoted an EMT who said: **“...that fewer and fewer people are yielding to emergency vehicles, which causes us significant delays in transporting critical patients.”**

The **Emergency Vehicle Early Warning and Alert System** developed and patented by EVA LLC of Prospect, KY is designed to remediate these situations, i.e. reduce delays and accidents.

EVA's system for alerting drivers that an emergency vehicle is near them, or that they are approaching a stationary one, is designed to be practical, reliable, inexpensive and omni directional.

Practical: It is a straight forward application of well known principles. The receiver is easy to install in existing vehicles (similar to a radar detector).

Inexpensive: The target price for retrofitting existing vehicles is under \$25.00. This will allow room for insurance company incentives for including the system in existing vehicles.

Reliable: Eliminate the 'false' alarms often found in radar detectors by incorporating a 'fail safe' circuit that checks for TWO signals from the emergency vehicle before warning a driver that it is nearby.

Omni directional: Emergency personnel, with a parked vehicle, can leave the system ON to warn oncoming drivers that they are approaching a dangerous situation and should proceed with caution. In other words, it will inform a non-emergency driver any time they are approaching an emergency vehicle, whether or not it is moving.

Technically the patent, which has been applied for in the U. S, and Internationally, is called the Emergency Vehicle Warning System. It uses two distinct radio signals, broadcast in all directions by the emergency vehicle, to alert motorists in the vicinity that an emergency exists NEAR THEM and they need to take precautions, slow down, and get out of the way of the vehicle that is responding.