



Raytheon Company
Network Centric Systems Spectrum Management
2620 Flagstone Court
Shelby, North Carolina 28152

Federal Communications Commission
ATTN: Experimental License Branch
445 12th Street SW
Washington, DC 20554

RE: Experimental License Application #0159-EX-PL-2008

Dear Sir or Madam:

We are applying for this Experimental license that will allow Raytheon to immediately operate the Automatic Vehicle Identification; Intelligent Transportation System, as a component of All Electronic Toll Collection testing and evaluation center in Pomona California.

The applicant is constructing major new toll road systems throughout the United States. These systems utilize two technologies to identify and collect revenue from the driving public using these facilities. Camera systems capture images of license plates and a system of tag readers capture the Automatic Toll Collection Identification (AVI). Of the many significant benefits with automation is a dramatic reduction in pollutants directly attributed to the elimination of stop-and-pay toll methods.

Automated Vehicle Identification is an electronic means of identifying a toll road user and the account to which the usage is charged. The deployment of AVI technology is commonplace in the tolling industry and has the benefit of reducing the operational cost associated with toll collection by other means.

This test and evaluation site will allow Raytheon to test the latest technology prior deploying upgrades to existing system, and development of new systems as they requested and need in various states.

Respectfully,

John F. Adams
Raytheon NCS Spectrum Manager
(803) 318-0021