



5-3449-EX-1998

Rec'd June 8, '98

D W O P
12/2/98

March 25, 1998

Chief, Frequency Liason
Office of Engineering and Technology
Federal Communications Commission
Room 7322
2025 M Street N.W.
Washington DC 205445320

Dear FCC:

In accordance with Section 5.56 of the Commission's Rules, we request special temporary authority ("STA") to operate an experimental radio facility for the purpose noted below.

The Fee Code for this application is PAL S A check for \$45 and Form 159 are enclosed.

In support of this request, the following is shown:

1. Applicant's Name and Address.

Phillips Landing Homeowners Association
c/o Sentry Management
3377 West Vine Street, Suite #306
Kissimmee, FL 34741
Attention: Cheryl Snedeker
Tel. No: (407)846-6323 x-725

2. Need for Special Action.

The STA is requested in order for us to evaluate a new generation of local area automatic vehicle monitoring ("AVM") technology described below.

3. The operation of the system is intermittent in that a signal is transmitted only when a vehicle is present.

4. Purpose of Operation.

The AVM system will be used at our facilities to identify automatically vehicles equipped with a transponder (tag). The system consists of a reader that transmits an unmodulated signal and passive transponder devices attached to the vehicles to be identified. Specifically, the applicant's AVM system will be used to open swing gates granting access to the community.



5. Date of Operation.

The evaluation of the AVM system is planned to commence within two weeks of the date of this request. Actual operation is to commence following receipt of the requested authorization and is to continue for a period of up to 6 months.

6. Class of Station.

The station class is experimental.

7. Location of Proposed Operation.

The operation will be conducted at:

Phillips Landing
Main Entrance on Phillips landing Boulevard

8. Equipment to be Used.

The equipment to be used consists of a new generation of tag readers being developed by Amtech Corporation. The antenna will be attached to the reader.

9. Frequencies Desired.

The desired frequencies are 914.996 Mhz.

10. Radiated Power.

The maximum effective radiated power will be approximately 4 watts or less.

11. Type of Emission.

The emission is 50K0NON. It is a continuous wave signal from the reader. Frequency stability is 50 ppm. The low level modulated backscatter signal returned by the passive transponders has an occupied bandwidth of approximately 2.5 Mhz. It is reduced in field strength more than 39 dB from the signal transmitted by the reader.

12. Overall Height of Antenna Above Ground.

The antenna will be less than 10 feet above ground.

13. Anti-Drug Abuse Certification.

*currently 9490
an WTB*
yes
D/T/A?
D. [unclear]



The applicant hereby certifies that neither it, its officers and directors, nor any party with a five percent or greater interest in this request for special temporary authority has been convicted of offenses consisting of the distribution or possession of controlled substances, as such terms are defined in Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

If there are any questions about this application please contact the undersigned.

Thank you for your prompt attention to this request.

Respectfully,
Phillips Landing

Cheryl Snedeker
By: Cheryl Snedeker

Title: Community Association Manager

Date: 5-8-98

Biff Nicola

407-846-6323

*does not know anything
abt it*

x7/15

*called Biff Nicola
12/2/98 - he said
no longer interested.*

DWOP.