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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

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April 23, 1993

FACSIMILE
(202) 429-7049
TELEX 248349 WYRN UR

Donna R. Searcy, Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

92-100

Re: Ex-Parte Presentation
Amendment of the Commission's Rules to Establish
New Personal Communications Services, GEN Docket
No. 90-314; ET Docket No. 92-100; Redevelopment of
Spectrum to Encourage Innovation in the Use of New
Telecommunications Technologies, ET Docket No. 92-
9.

Dear Ms. Searcy:

In accordance with Section 1.1206(a)(2) of the Commission's Rules, 47 C.F.R. § 1.1206(a)(2) (1991), this is to notify the Commission that on April 22, 1993, R. Michael Senkowski and Robert J. Butler of Wiley, Rein and Fielding, representatives of the Unlicensed PCS Ad Hoc Committee for 2 GHz Microwave Transition and Management, met with Acting General Counsel Renee Licht and staff.

The purpose of these meetings was to discuss issues related to the deployment of unlicensed Personal Communications Services. Attached is a summary of the presentation to these Commission officials.

Should you have any questions regarding this matter, please call me at (202) 429-7249.

Respectfully submitted,

R. Michael Senkowski

R. Michael Senkowski

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Encl.

cc: Renee Licht
Participating Staff Members

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UNLICENSED PERSONAL COMMUNICATIONS SERVICE STEPS TO MAKING DEPLOYMENT A REALITY

Unlicensed PCS Can Bring Enormous Benefits to the Public and the Country. The FCC has proposed allocating spectrum for important new unlicensed PCS offerings. This FCC contribution to improving the nation's telecommunications infrastructure is significant in several major respects:

- Unlicensed PCS consists of wireless data, voice and messaging systems and devices operating at low power with high portability. Portable units may talk directly to other portable units or through a site located system. Unlike licensed PCS, which is focused on wide area service, Unlicensed PCS fills the void for "on site" or campus wide service. With the need for licensing removed, prospective buyers will be able to purchase equipment with ease, convenience and confidence.
- There is an huge consumer demand for Unlicensed PCS representing a market of millions of devices worth billions of dollars.
- Unlicensed PCS will provide tremendous opportunities for U.S. manufacturers to improve the nation's telecommunications infrastructure and continue its leadership in global telecommunications markets.
- The U.S. economy can be strengthened and new jobs created with implementation of Unlicensed PCS.

The Unlicensed PCS Ad Hoc Committee for 2 GHz Microwave Transition and Management ("UTAM") Is Addressing the Challenges of Ensuring that Existing Microwave Users Are Protected from Interference and Relocated Consistent with Commission Requirements.¹ Companies representing a broad cross section of

- **The Unlicensed PCS industry must assume responsibility for managing the relocation process, satisfying microwave licensee concerns, and resolving any disputes.**
- **A system of ensuring equitable Unlicensed PCS industry participation in the funding and management of these challenges is necessary.**

An Open Industry Entity Will Be Necessary for Implementation of Unlicensed PCS. As a result of extensive meetings among prospective suppliers of unlicensed systems and devices, UTAM has reached consensus that participation of all suppliers of unlicensed PCS equipment in an open industry entity is needed to assume relocation and spectrum management functions. The Unlicensed PCS entity should be formed consistent with the following principles:

1. **Ultimately, there is a requirement for clear spectrum for the viable deployment of Unlicensed PCS, i.e. unlicensed roaming devices.**
2. **There is a requirement for a mechanism to clear the spectrum for Unlicensed PCS.**
3. **The clearing mechanism should include an industry entity. The entity would negotiate with incumbents, collect funds from manufacturers, and disperse funds for the move.**
4. **In order to facilitate the early introduction of Unlicensed PCS, relocation of the 2 GHz microwave incumbents should commence immediately and be concluded as rapidly as possible.**
5. **Problematic 2 GHz links should have priority access to the Federal**

**Participants in the Unlicensed PCS Ad Hoc Committee for
2 GHz Microwave Transition and Management:¹**

Companies

AT&T
Alcatel
Ameritech
Apple
Ericsson
Intel
LCC Incorporated
Locate
Metrocall
Motorola
Northern Telecom
Omnipoint
Rolm
Rose Communications
Siemens Stromberg-Carlson
Sprint
Telesciences
Time Warner Tel
US West

Organizations

Bellcore
NATA
PCCA
Telocator
USTA
WINForum

¹ The attached proposal represents the consensus views of the Committee and should not be ascribed to any individual member.

Figure 1 1910-1930 Mhz



