

NARRATIVE STATEMENT

Description of Operation:

The University of California, Berkeley ("UCB"), is examining the functionality of computer-supported user collaboration technologies in a social context. At the core of this project is a modular, extendible communications platform that creates a uniform message representation to facilitate the transmission of information among various off-the-shelf and custom-built technologies.

This request for special temporary authority seeks to incorporate two-way paging technologies into the project. Use of wireless technologies will allow the experimental community to extend beyond the physical and virtual confines of the UCB campus.

A group of up to 150 on-campus resident students would participate in this experiment. This group has intersecting demographics and needs that extend beyond the physical boundaries of their residences. Although they have a number of digital communication streams available (*e.g.*, telephone, electronic mail, *etc.*), these data streams are not integrated so as to allow for mobile reception. Monitoring these digital communications, on behalf of the user and group, a system that incorporates wireless technologies would offer the ability to make inferences about member activities and whereabouts. For example, if a group member originates a message from a two-way pager, and no other recent observations are made, the system might infer that the person is away from the campus. In the long run, a system capable of making such direct observations will benefit the communications and other needs of its users.

Need for Special Action:

UCB seeks to begin the experimentation as soon as possible during this academic year so that adequate data can be gathered from the students participating in the project. It would like to commence its experimental operations on December 6, 1999.

Restrictions on Operation:

UCB recognizes that the operation of any equipment under experimental authority must not cause harmful interference to authorized facilities. It therefore will coordinate its activities with any users in the proposed band in accordance with FCC requirements. Should interference occur, UCB will take immediate steps to resolve the interference, including if necessary arranging for the discontinuance of operation.

In addition, UCB will advise entities using the equipment that permission to operate has been granted under experimental authority issued to UCB, that such operation is strictly temporary, and that the equipment may not cause harmful interference.

Public Interest:

UCB submits that issuance of special temporary authority is in the public interest, convenience, and necessity. Grant of a license will permit UCB to develop innovative equipment that will accommodate the communications needs of users.

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