

United States Cellular Corporation  
Special Temporary Authority Request  
for Experimental License  
Exhibit 1

By this application, United States Cellular Corporation ("USCC") seeks Special Temporary Authority to conduct propagation tests in certain PCS A and F block broadband PCS BTA markets for which spectrum is being acquired pursuant to a license/spectrum exchange transaction with AT&T Wireless Services, Inc., see DA 03-1353 released May 6, 2003. The BTA areas and frequencies requested are listed in Attachment 1.

The reason why STA is required is that USCC must replace existing F block systems in the Lincoln and Oklahoma City BTA areas and must construct new A block systems in the Portland-Brunswick and St. Louis BTA areas (which are partitioned portions of the Boston-Providence and St. Louis MTA markets) after closing, which is projected for this summer.

In order to construct PCS systems rapidly, thus providing additional service to the public, it is urgently necessary that USCC be able to perform signal propagation testing in the relevant markets. It would do so only with the consent of the present A and F block licensees in the relevant markets as well as the surrounding markets as necessary.

USCC does not wish to delay such testing, as it would set back the construction process and ultimate service deployment by months.

In light of the fact that the testing will be performed with consent, will not cause any interference, and will enable service to be provided to the public much faster than would otherwise be possible, we submit that the public interest would be served by a grant of the requested STA.

### **Response to item 5**

USCC proposes to conduct signal propagation testing in certain BTA market areas (see Attachment 1) on PCS A and F block frequency ranges. USCC proposes to deploy up to three mobile test facilities in various non-fixed areas within a BTA market area at any given time, and will frequently change the location of the test facilities to provide detailed propagation measurements necessary for reliable BTA market area coverage. Such testing will substantially enhance USCC's technical design process and allow expedited rollout of public PCS services in the relevant BTA market.