

Technical Bulletin #9904

Revised 6/21/01

Subject: Simulcasting Reminder for Paging Networks

Paging networks will require some extra planning and coordination to account for simulcasting issues.

The different movements of individual satellites may cause simulcast problems if paging transmitters within a simulcast zone are using data from the two different satellites. The difference in delay between the satellites may cause the transmitters to interfere with each other to some degree.

One suggested method to minimize this problem is to plan the conversion so that, the paging downlink sites within a simulcast zone are moved to the new satellite by creating a new temporary simulcast zone. Starting at the edge of a zone and working adjacent sites as quickly as possible to build the new zone should cause only minimal degradation to the paging service area.

You may want to discuss this situation with your paging hardware vendor.

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