

From: Klaus Bender

To: John Kennedy

Date: June 23, 2004

Subject:

FCC File # 0379-EX-ST-2004

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Message:

The Commission staff has requested additional information related this request. Responses to the FCC questions are provided below.

1. Please explain why four locations as opposed to one is needed to test the systems under load conditions to model data collisions.

Four locations are desired in Mississippi, Georgia, Alabama, and Texas to demonstrate the system's viability in a variety of environments with four distinct utility customers. These areas each impose their unique technical challenges for the system's operation (i.e. terrain, climate, population density, etc).

2. Please justify the addition of 150 devices in the STA Equipment Section to the originally requested 1400 devices that were justified in Exhibit 1 of application 0097-EX-PL-2004.

The original number of 1400 devices is acceptable.

3. Pursuant to our telephone conversation during the morning of June 23, 2004, please expound on the long-term experimental objectives of AMDS with respects to AMDS's manufacturing and AMDS's licensed operation of these device under Part 101 of the Commission's Rules.

The long term experimental objective of the AMDS system is to prove the viability of an Automated Meter Reading system (AMR) utilizing licensed, narrow-band, spectrum for operation. AMDS will ultimately deploy systems where they will hold the individual licenses for the spectrum, lease spectrum from existing providers, or utilize spectrum held by previously licensed utilities or entities.

The AMR equipment will be manufactured by AMDS, AMDS contract manufacturers, or entities in the metering business that possess high volume manufacturing capability under direct supervision and contract with AMDS.

Each AMR unit manufactured will be 100% tested and manufactured by an automated test system that will insure each unit conforms to all applicable FCC guidelines (i.e. frequency accuracy, spectral mask, power output, etc).

Management of the AMR systems deployed will be performed by AMDS.