

From: Klaus Bender

To: John Kennedy

Date: June 25, 2004

Subject:

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Message:

1) The AMDS Wireless AMR system is designed to have relatively long range, 3 to 10 miles, between the endpoint meters and the tower. This range is critical to the economic viability of the radio system. We anticipate that the largest effect on the differences in link budget (i.e. range) will be caused by two main variables: Terrain and Foliage. To wit we have selected four cities which will allow us to compare and contrast these effects:

- 1) New Orleans - Flat terrain, light foliage (deciduous trees)
- 2) Biloxi - Flat Terrain, dense foliage (pine trees)
- 3) Birmingham - Hilly terrain, dense foliage
- 4) Lubbock - Flat Terrain, no Foliage

These cities also represent active business opportunities for AMDS.

2) AMDS would like to collect data regarding environmental effects over a period of one year. This period would allow AMDS to evaluate seasonal differences in the propagation characteristics.

3) AMDS is actively pursuing acquisition of licensed narrow band 900 MHz frequencies, however providing this STA will enable AMDS to continue developing the products and creating a business while this acquisition is in progress. The STA will also allow AMDS to test equipment in the field prior to equipment certification.