LICENSE-EXEMPT BROADBAND: A NEW PARADIGM FOR RURAL AMERICA

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Historical Background

- Largest provider of wireless broadband in Texas Panhandle
- Genesis of company: founding of Attebury Grain (1954)
- AMA Online (1995)
- Attebury Grain acquires AMA Online – provides critical infrastructure for wireless Internet service

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AMA TechTel's Mission

- Provide quality communication and information technology to rural communities (over 960 in Texas alone, most without broadband)
- Work extensively with local businesses, economic development councils, colleges/universities and health care institutions to bring broadband to the entire region

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Network Characteristics

- Wireless footprint currently covers over 20,000 square miles (see attached coverage map)
- Company currently serves 10,000 users, anticipates adding 8,000 wireless users within next 12-18 months
- 63 towers serving Tier 3 and 4 communities
- Secure network with guaranteed uptime, QoS and advanced services (e.g., VPN)
- Operates on 900 MHz, 2.4 GHz and 5.8 GHz bands

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Why More Spectrum Is Needed

- Essential to meet customer demand for bandwidth (e.g., public safety, educational institutions, telemedicine)
- Current "pipe" can hold only so much data – also, part of existing spectrum is used for backhaul
- As footprint expands into Tier 1 and 2 markets, capacity becomes an issue – expansion and scale require additional bandwidth to maintain quality of service
- AMA TechTel is the broadband "lifeline" for rural communities in Texas – many will remain unserved indefinitely unless company has adequate bandwidth for expansion

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