

EXHIBIT A

PROPOSED AREA OF OPERATION
[Form 442; lines 5(c) and 5 (c)(1)]

The proposed test sites for the fixed wireless remotes and mobile master stations will be within a twenty-five mile radius of the following five locations:

<u>Location</u>	<u>Coordinates</u>	
	(LAT)	(LON)
Tallassee, AL	32° 30'	85° 54'
Kansas City, MO	39° 05'	94° 35'
St. Louis County, MO	38° 38'	90° 12'
San Carlos, CA	37° 31'	122° 16'
Barberton, OH	40° 56'	81° 37'

EXHIBIT B

**NARRATIVE STATEMENT OF PROPOSED PROGRAM
OF RESEARCH AND EXPERIMENTATION**
[Form 442; lines 10(a), (b) & (c)]

- 10(a). The experimental program will evaluate various prototype configurations of CellNet's "BAMM" product to determine the optimum configuration for system reliability in a harsh operating environment. The BAMM (FCC ID # H6NCMM1101) is a spread spectrum ASIC operating in the 902-928 MHz ISM band. Remote BAMM prototypes (modules) will be attached to electronic meter units at, or below, ground level. A prototype BAMM master unit will be installed in a fixed location near the center of each proposed area of operation (identified in EXHIBIT A), interrogating and receiving the meter data. A sufficient number of remote radios will be employed in order to obtain meaningful results. It is believed that testing much fewer than about 500 units per location would prove inconclusive. Therefore, each location tested will use up to 500 total remote units. Reliability data will be accumulated and the various BAMM configurations will be compared to determine the optimum configuration.
- 10(b). The experimental program will determine: (1) the optimum module configuration for reliable communications; (2) the feasibility for reliable communications between a mobile master station and below ground remote units; (3) the effectiveness of weatherproof encapsulation for wireless communications; and (4) the optimum antenna type and orientation for reliable below ground communications.
- 10(c). The development of products resulting from the experimental program will facilitate the automation of meter reading in difficult locations that is both environmentally and aesthetically acceptable. The positive results of the program will expand the potential uses for remote wireless data gathering.