



Specialists in LAN over Microwave

EXHIBIT 1

4 (A) Frequency, 6 (b,c) Orientation

Microwave Bypass Systems, Inc. will coordinate each path with an independent spectrum planning consultant (e.g. Comsearch, Inc.) to avoid any possibility of interference with existing radio communications. Microwave Bypass Systems will request the frequency pair 22.375,23.575 GHz with vertical polarization as a first choice and will use that frequency pair and orientation unless there is a possibility of interference with existing or proposed facilities.



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EXHIBIT 2

5 (b-e) Location

As the actual sites for the transmitting equipment are unknown at this time I have left items 5 (b-e) blank, however Microwave Bypass Systems will coordinate each path through an independent spectrum allocation consultant (e.g. Comsearch, Inc.) to avoid interference with existing or proposed radio facilities.



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EXHIBIT 3

10 (a-c) Description

Microwave Bypass Systems plans to use the experimental license to connect Ethernet computer networks for demonstration purposes and for testing the compatibility of the system with existing computer network architectures. The objectives to be accomplished include displaying the speed of implementation and the simplicity of system operation.

The equipment to be used is the Racon 8150 duplex 23 GHz point to point microwave radio system. This unit is a standard analog FM radio used for transmitting Ethernet computer data.

This program of experimentation will contribute to the radio art by allowing a large group of computing professionals to be exposed to an inexpensive new alternative to leased lines and fiber optics for connecting computer networks.



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EXHIBIT 4

11 (a,b) Length of time

The maximum amount of time Microwave Bypass Systems expects to operate any one link under the experimental license is three months.