

EXHIBIT 1      Wappingers Falls Police Department

A program of research and experimentation is proposed to evaluate a digital audio transmitter in body-worn and other evidence gathering applications. Binaural audio signals from two microphones are A/D converted to 16 bits/channel at a 32 kHz sampling rate. Rate 1/2 FEC is applied, resulting in a 2.048 MBps data stream. This stream CPFSK modulates a carrier to create a near uniform density spectrum of less than 4 MHz bandwidth at the 99% total power points. The modulated carrier is amplified and applied to a quarter-wave antenna.

The objective of the program is to evaluate and develop field installations using the transmitter described above in connection with physical surveillance, stakeouts, raids and other such activities.

The new digital audio technology offers wider frequency response and higher dynamic range than is available with conventional analog equipment. Such higher quality audio data is expected to make information recovery and evidence gathering practical in hitherto impossible situations.