

AMENDMENT ONE (1) FOR EXHIBIT:

EXHIBIT FOR FCC EXPERIMENTAL LICENSE:

NATURE OF EXPERIMENT:

This request for experimental license is to design, test, record, and evaluate a special extremely low power wireless data transfer (possibility of even packet transmission) transmitter for purposes of tracking lost or missing children, pets or the elderly that have been missing or lost. This would be very similar to an ELB (Emergency Locator Beacon)

The transmitter would transmit an I.D. (Packet Burst/Morse code [cw]) that would be received by a special designed receiver/antenna system that is portable and easy to carry by transportation (vehicle) or handheld device (portable FM receiver) searching for the missing person, child or pet.

This receiver would already be located in a standard passenger vehicle – Most scanners available on the market today can receive this frequency – a special packet/TNC decoder will be designed to receive and decode these signals.

DESIGN OF THE EXPERIMENTAL TRANSMITTER:

All costs will be made to keep the experimental transmitter as low power as possible. This would help keep interference to other licensed services nil.

The request for the frequency of 49.85 MHz to 49.90 MHz would be ideal for this project as to avoid interference to other broadcast services.

The transmitter will employ discreet PLL circuitry as to keep frequency as stable and as clean as possible.

Power to this transmitter would be most likely a 1.5 volts utilizing the small digital watch button type battery.

A special designed Packet/TNC decoder will be designed to receive the data to decoded to this receiver.

GOAL OF THIS EXPERIMENT:

Is to design a practical, very compact, extremely small and very low powered ELB identification device to transmit a signal to vast available receivers that are already located in vehicles and hand-held special packet receivers that can receive the signal of this Emergency Locator Beacon transmitter.

The cost benefits would be great for the receiver device side of this project. All cost in designing the transmitter will be kept to a minimum.

END OF EXHIBIT