

Gentlemen, I am very concerned that BPL rule making will result in insufficient and timely methods for dealing with interference from and to unlicensed and licensed telecommunications systems. This proposal will make the opportunity for ubiquitous interference throughout the nation. The possibilities for interference to radio communication systems are widespread because BPL will exist throughout the country, unpredictable because the locations of licensed transmitting and receiving antennas were not designed with BPL interference in mind and endless because BPL users will constantly increase as well as licensed services. Methodology to properly and quickly address and definitively resolve complaints are a vital part of the proposed regulations. Licensed stations along with their public or private functions must take preference over BPL and this should be painfully clear to providers of this service that they will be called upon and required to eliminate interfering signals by modifications or terminating services in the fastest manner. Moreover, licensed operations should not be subjected to wrongful, repetitive or spurious complaints while utilizing properly engineered and functioned licensed transmitting equipment by BPL users or providers seeking to utilize technology that relies on a transmission line that is essentially a large antenna matrix. Amateur radio systems that use high gain antennas in HF applications will be particularly vulnerable to BPL signal interference in many instances. Military communication systems using HF signals will similarly be affected. It is further suggested that BPL signal transmissions be severely limited on those frequencies typically used by these important HF applications in order to preserve weak signal reception capability that is vital for public or defense activity.