

As an Amateur Radio operator and an active member of emergency radio services, I oppose full scale deployment of BPL on the grounds that BPL will interfere with both normal and emergency Amateur Radio operations on a wide spread basis.

My concerns are based on careful monitoring of demonstration BPL implementations. Our local Amateur Radio club has carefully monitored test implementations of BPL here in Raleigh, NC and has found it to disrupt normal radio reception, and two-way operations, over the range of frequencies in use by the BPL segment. This disruption affects any station situated within one to miles from the power line over which the BPL signal is being transmitted, and affects operations from fixed stations, e.g. a home station, as well mobile stations traveling in the affected area.

Despite the demonstration of frequency agility during the tests, I am of the opinion that a full-scale BPL deployment, requiring a new frequency block every 2000 feet and placing overlapping transmission line signals across densely populated service areas, will make moving BPL interference away from affected radio users, including Short Wave Listeners, beyond the capability of the system and will not be adequate to mitigate the interference. A fully deployed BPL system will pit radio spectrum users against the company's investment in the BPL system. No imagination is required to predict the outcome.

I recognize the need for Internet access, both as an individual and in my work as a systems analyst who relies on the internet for some of my job functions. However consumers currently have several options for Internet access, which do not have similar interference drawbacks. The costs of implementing BPL will certainly result in similar consumer end costs, so considering the drawbacks I find it unreasonable to allow BPL to be deployed.

In my humble, but considered, opinion BPL is: 1. A redundant service which is NOT necessary for the benefit of the public 2. A potential cause of significant interference to existing radio services in violation of current FCC laws.

Thank you Shelby Hendren NC4SH