

I am an amateur radio operator (FCC Call Sign KH2DF) and I am very concerned about BPL. From all of the technical literature I have read from FEMA, NTIA and the American Radio Relay League, this will be a very noisy technology that will probably wipe out the HF radio spectrum . . . one megahertz through at least thirty megahertz. There is a good chance that this noise will continue on up through eighty megahertz.

Part 15, as a mechanism to address my noise concerns, will be totally inadequate to handle the deluge of complaints this technology will bring. This noise will be extremely pervasive and will touch a great many people and devices. In comparison, cable TV leakage will sound like music. I severely doubt that the power line industry will be capable of dealing with such overwhelming noise and I actually listened to sample of this noise in the test communities. It is not something that I or my HF radio equipment will be able to tolerate very well.

I am also a member of the military stationed at Barksdale AFB, Louisiana (rick.westerfield@barksdale.af.mil). In my military capacity, I am a flight test navigator on the USAF B-52 in a flight test evaluation squadron. Many people believe that the military is headed toward the higher satellite spectrum bands and will not be affected by BPL and this is somewhat true. But we have by no means abandoned the affected frequencies in question. And indeed we are making inroads back into the HF spectrum due to the lack of uplink/downlink pairs and time slot availability in satellites. Rockwell Collins "HF Messenger" technology is one of the things I am referring to. Although HFM will have a relatively low data rate, this holds the promise of almost free bandwidth for the taking and will be of great benefit to the military. With BPL, this capability will be lost.

Radio spectrum of any type is a precious commodity and should be protected. Please heed the warnings here and do not let this pass. It is my firm belief that there are other ways to get broadband into homes that is less troublesome. Please look at this again.

Sincerely,
Rick Westerfield - KH2DF