

RE: Broadband over Power Lines (BPL) Technology

I strongly recommend the FCC seriously consider the study and results submitted by the American Radio Relay League regarding deployment of BPL. It has already been proven in other countries (Japan for example) that this broadband transmission scheme is harmful to HF and VHF radio services due to interference from radiated BPL signals and products of BPL signals. Using the AC power grid for anything other than power distribution is asking for trouble. It will not matter whether the BPL transmission lines are overhead, buried or shielded, there will be significant radiation and interference to existing HF and VHF radio services if this technology is allowed. The effect of BPL interference has already been thoroughly documented in the ARRL's report.

Unleashing this technology in the United States would be a grave error on the Commission's part. The many, many users of the HF and VHF radio frequency ranges will take the brunt of this action, and this includes the U.S. military who relies on these frequency ranges 24/7, 365 days a year for important communication links to our forces.

Please take the appropriate action and deny authorization to deploy this technology which will be highly damaging to our precious HF and VHF radio spectrum. Your charge as elected/appointed officials is to protect the frequency spectrum we have, in addition to encouraging development of new technologies. Don't let the rush to provide more Internet access obscure your obligation to maintain and protect the resources that are already in place.

Sincerely,

Steve Taylor
Amateur Radio Operator K5MR