

As a licensed Amateur operator I am gravely concerned that BPL has the potential cause significant interference to all licensed HF radio Services, and not just Amateur radio. It is just common sense that if you put RF energy on an unshielded medium, that the unshielded medium will radiate RF energy. Licensed radio services have enough issues with Cable television operation, and un-intentional RF radiators. Cable television is distributed on a shielded media! Interference will be a two-way street. BPL will interfere with licensed services, and licensed services will interfere with BPL. Instead of treating BPL as a Part 15 service, make it a licensed service (like GMRS, Amateur, etc) and assigned it a specific frequency band to operate in. It will be much easier to locate and rectify interference issues.

Most consumers do not understand how RF energy works. They will not care that I am licensed and properly operating my radio transmitter. They (consumers) will only care that their Internet access is disrupted, and I am doing something to cause it. I can see very heated confrontations between licensed radio services, and BPL users. Is the FCC prepared to be actively involved in ALL disputes? The FCC does not, and will not have the resources available to police all BPL installations, and revolved interference complaints.

From an economic standpoint, I do not see how BPL will be a profitable broadband medium. BPL is designed for rural Broadband delivery, yet a broadband provider can only make money by having a large subscriber base. Currently there are a couple of good rural broadband distribution methods, Satellite and Wireless Access points. Higher-powered Wireless access point is the better technology at present, but satellite technologies will continue to improve.

Please consider carefully all points of interest on this issue.

Respectfully,

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