

From talking to people in the BPL industry I have come to the conclusion that BPL is so untested and unrefined at this point it should be dropped from implementation for the time being. The BPL industry has told the commission many times they can filter out the RF ranges that are interfering with other services, in fact if you talk to the people in the field you will find there is know way to do this at present. If you look at all the studies that have been done on BPL there is not one independent study that is pro BPL, all of them are recommending either a new system of BPL completely (ie: 5.8GHZ spectrum) or total removal of BPL as proposed at this time. Lets just look at facts. Your taking a RF signal and running it down an open line, we know from the laws of physics that open line radiates. We also know that a given length of wire is resonant at a given frequency. Therefore we know BPL lines will act like an antenna and radiate. Thus with these two principles alone (there are many more, to many for this forum) you can tell why BPL will not work in its present state and two why BPL will cause interference to the high frequency spectrum.

It seems to me the commission has opened up a Pandora's box at this point, it almost certain cannot close. Therefore my feelings are as follows: 1) The commission has been sold a bill of goods with a check the United States can't afford to cash and will even with the tremendous amount of negative comments on BPL will approve BPL anyway. 2) The air carries (ie: Broadcast, Red Cross, MARS, Aviation, Amateur Radio, Maritime, Homeland Security, Radio Astronomy just to name a few effected services) will suffer to the point of near extinction. Because if BPL interferes with the air carries you know the air carries will interfere with BPL and the BPL providers will tell the FCC that the air carries are interfering with there service (this has been proven in no less than eight independant case studies that interference between theses services will happen). 3) There will be some kind of natural or man made disaster (ie: Earthquake, Flood, Tornado, Forest Fire, Ship Wreck or Plane Crash) (in the case of ship wrecks or plane crashes BPL being the direct cause (also known fact as BPL will interfere with maritime and aeronautical radio navigation)) and the federal government will look at theses services and say we need your help, as they have for years and the answer back will be sorry we can't do that anymore because of BPL. 4) There will be a congressional hearing as to why the FCC allowed BPL with all its known problems to go forward and the FCC will be held fully responsible for there actions on BPL. The BPL service will be discontinued by congress but not until after the damage to so many needed radio services has been done.

It is my hope the commission can see through the smoke and mirrors of the BPL industry and stop the BPL train before it gets out of the station. Thank you for your time.

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