

William DiCarlo
3 Station Road
Madison, NJ 07940

The Federal Communications Commission
Washington, DC

Studies have shown the potential for severe interference by BPL operators to RF users of 1.7-80MHz and possibly higher in frequencies. NEC type calculations and field trial series prove this. The FCC should not endorse BPL RADIO FREQUENCY NOISE to knowingly interfere with other services which it will. There should be no compromise here.

We must not forget and should be very concerned with the highly used public service bands:

- 1) Public Service 30-50MHz used by agencies at all levels of Government, from Municipal to Federal level. These frequencies are in heavy use by non-government agencies such as businesses and other entities. Many fire departments are still using these frequencies.
- 2) The Federal and State agencies using frequencies from 1.7 through 30 MHz. Aviation use of these bands should not be compromised. Gander Radio being a prime example helping planes over the Atlantic Ocean.
- 3) Amateur use of the bands located from 1.8-54 MHz. Public service and emergency/training will be curtailed by the severe BPL interference that the NTIA pointed out in their report.

Broadband internet usage should be restricted to fiber optic transmission, coaxial transmission, microwave transmission, DSL. BPL will create RF NOISE/POLLUTION which is irresponsible and cannot outweigh the benefits. We have ways of offering broadband internet service without being destructive to other services.

William DiCarlo KA2QEP