

Comments related FCC Proceeding ET-03-104 regarding using Electric Power Lines for high speed data (Internet)

I AM AGAINST THIS ISSUE.

The FCC should not even consider any part 15 device that will disrupt communications in the 2-80MHz or any frequency range

HF communications is a vital link in these countries operations. There has been volumes written already by other commentors regarding the potential impact on Amateur Radio and Citizen Band radio. All of which I endorse and agree with including all the comments from the ARRL and the engineering studies from many countries

However this is not just an Amateur Radio problem, there are many other services that use HF that will also be greatly impacted. These include but are not limited to:

Marine, ship to shore

Federal Government

State and Local Government

State Police Agencies

Volunteer Fire Departments

And many more (you have the frequency allocations for the different services)

I am involved with a Federal Government operation that potentially affects the lives of millions of Americans and Citizens of the Caribbean Area. I am the Volunteer Coordinator at the National Hurricane Center in Miami. Every hurricane season we rely heavily on HF communications for the reception of Surface Weather Reports from people in a hurricane affected area. This data is passed to the forecasters for inclusion in their advisories (which are also broadcast back to the affected area). We also use HF to gather weather data from automatic weather stations under the NOAA CARMEN project. (See our web page at www.wx4nhc.org)

With the interference from BPL to our operation it will prevent us from receiving these reports and so reduce the amount of data the forecasters will have.

So we have the Government spending money to establish more ground stations to provide extra data to protect it's citizens from natural disasters, while another branch of the very same Government is encouraging interference to this operation.

As a retired Telecommunications Engineer from Local Government I applaud the idea of providing easier and faster access to the Internet for all.

BPL IS NOT THE WAY TO DO THIS.

I suggest you to go to the Power Companies that are pushing for this and have them explore other more viable alternatives. Since they will probably have to lay hundreds of miles of fiber to get to the local neighborhood distribution points (thus laying out billion of dollars) the last mile could be low power microwave or something comparable

Respectfully,

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