

As the Director of the Satellite Earth Station at the US Naval Academy, we are gravely concerned with the apparent lack of FCC oversight and protection of existing Communication Services in an apparent effort to jam more and more unlicensed and spectrum polluting services for the consumer.

Our Satellite Ground Station can NO LONGER viably receive satellite downlinks in the S-Band (2.4 GHz) due to overwhelming rise in the noise floor by over 30 dB due to Uncontrolled and rampant growth of Wireless 802.11 devices. Further, PC computers and other electronics devices regularly interfere with our HF communications systems to our 40+ Naval Academy boats while underway.

We can no longer operate HF with any reliability because the PC next door or down the hall, or across campus is putting out spurious emissions all over the band. We strongly fear the BROADBAND-on-POWER as and inconcionable oversight of the responsibilities of the FCC to protect the sepctrum from KNOWN interference that BPL would produce.

We use HF for many purposes and in CLOSE proximity to PC's, networks and thousands of wireless users for these purposes:

- 1) Routine and critical BOAT communications from Maryland up and down the Atlantic.
- 2) AX.25 1200 baud data links for GPS position tracking and status
- 3) Student Labs in propogation studies.
- 4) Satellite Communications on the 29 MHz Amateur Satellite Service bands

We have no BPL in our area, but are interested in being advised of ANY tests so that we can assess the rise in noise floor and ourtight interference that we might see. Waiting until after the fact is not an answer, because then it is too late. The polution of the Electromangetic SPectrum from all kinds of consumer devices (where there are OTHER alternatives available) is absolutely un-consionable and the FCC's lack of technical oversight on these incursions and in ability to police the spectrum only compounds the problem.

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