

Comments PR Docket 94-59 (PCC NO. 94-171)  
Federal Communications Commission  
Washington D.C. 20554

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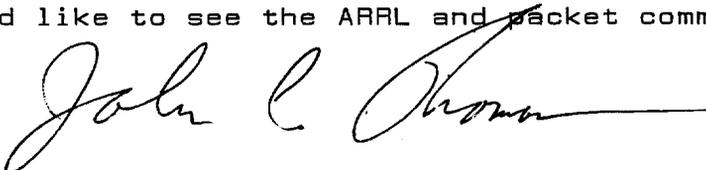
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Dear Commissioners:

I fully agree with the Commission's proposed HF sub-bands for automatic control of data or packet stations. I do have concern though for unmonitored automatic operation of packet stations above 50 MHz. My thoughts are borne out of experience in the North-Eastern Ohio - Cleveland area. VHF packet is primarily active here in the 2M band using AFSK modulation of FM transceivers. What started out as a unique, interesting mode about 10 years ago, seems to be evolving into a psuedo-common carrier data network, whereas amateur radio is becoming only a media tool to link computer networks, and a seemingly neverending expanse of individual bulletin boards nauseatingly redundant in function and content, a plethora of electronic busy boxes, running unattended and automatic and unaware of interference to co-channel non packet transmissions. What started out on 145.010 MHz has squeezed out all other modes from 144.910 to 145.090 MHz. Overflow is now appearing in the 145.510 to 146.0 band, interfering with remote base voice operation. It seems only a mater of time before packet BBS and networking seeps into the 146.40 - 146.580 voice simplex, 147.420 - 147.570 voice simplex, and below 144.5 Mhz various mode/weak signal band.

I would also like to mention the greater difficulty in dealing with automated packet operators transmitting wandering spurious emissions and contributors to intermodulation mix interference with voice repeater stations, or other packet BBS / Nodes. Example: TSPIP node to co-locate on 145.73 MHz with 145.310 100 watt repeater station on hill top. 2A - B = intermod products C on 144.890 MHz, a local voice repeater input, and 146.150 MHz, a very local near hit to voice repeater input. Node trustee had no knowledge or experience with intermodulation management and did not want to consider installing simple 3 port isolators with cavity filters.

I believe the Commission should limit automated data station operation in each VHF and UHF band. Manually operated stations should be required to aurally monitor the frequency in use. I am not recommending specific sub-band frequencies at this time. I would like to see the ARRL and packet community work on this.



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