May 28, 2012

RE Canada Gazette Part 1 Reference # SMSE-010-12 Vol. 146, No. 19 — May 12, 2012

1. Industry Canada should allow amateur radio operators to use some of the five frequencies which are, harmonized with U.S. amateur use, on a no-protection, no interference basis. Transmissions would be restricted to 2.8 kHz bandwidth centered on each of the frequencies, unless the U.S. changes to open up the bandwidth, then, we should follow what they do on these frequencies.

2. Industry Canada should harmonize emission modes and designators with those specified in the United States for those five frequencies, again if we are using them, we should follow what they are doing.

3. Industry Canada should specify, a maximum effective radiated power of 200 W peak envelope power. Other countries use more power, as terrain and band - conditions warrant it.

4. Industry Canada should allow Canadian amateurs to use two different frequencies that the USA. I have found that the five channels we are using at times are busy with usage from the USA and its hard to talk to someone, in Canada and not bother our southern neighbours. We need two other channels again for emergency communications which would be free from other countries using them which would interfere with us. Transmission should not be restricted to 2.8 kHz. Other countries have supported, anywhere from 15kHz to 150 kHz. The IARU has proposed supporting 150 kHz at its August 19/2011 meeting. RAC Canada has proposed two other frequencies, one which is not going to work out. The other frequency, 5329 could be used for amateurs with a larger bandwidth if possible. I have also found that, 5320 and 5377 are possible frequencies that could be used, as they appear open with no one licensed in Canada close to that frequency.

5. I believe that Industry Canada should specify emission designators and peak envelope power for any additional frequencies. I would suggest that first of all once we determine that we have more than one additional frequency, that one of the channels, be used for ssb only. In Canada we have a 30 meter band for CW only as well as many others that CW can be used. I also think that RTTY, and data could be used on the other 60 meter channels. We need one channel that is clear for SSB only.

Russ Hemphill
VX9GHD VE3FI