

The Monitor

December 2006



Upcoming Events

TSRC Meeting December 9, 2006, 9:00 am
EBA's, Hanover, NH

TSRC Meeting January 13, 2007, 9:00 am
EBA's, Hanover, NH

Message from the President

What you missed: last month's club meeting included a presentation by Sterling Eanes, AK1K, and Bill Bordy, NJ1H on Software Define Radios (SDR's). The presentation was excellent. Sterling's segment included a slide show and talk on the theoretical aspects of SDR while Bill actually brought us a complete SDR setup. He had recorded quite a bit of actual radio traffic which he then played back for us during the meeting, allowing us to see the "radio" in action. I love a box covered in knobs, dials, meters and color LCD displays as much as anybody, but I was really impressed with what Bill showed us. Thanks to both of them!

Dave Landry, KA1CRP, will be rescheduled for the next meeting, December 9th at EBA Restaurant in Hanover. We appreciate Dave's flexibility.

FCC Omnibus Report and Order: The new Amateur rules go into effect December 15th. I personally am looking forward to the increased phone portions of 75/80 meters. It promises to decrease the pressure on that band for space. I would love to hear what others think.

See you at the club meeting!

73 de N8RPD
William Daugherty, TSRC President

TSRC E-mail Reflector

The TSRC reflector is a good place to get or give help. list equipment for sale, announce your results in the last contest, recruit volunteers for a public service event, and more!

Point your web browser to <http://mailman.qth.net/mailman/listinfo/tsrc> Follow the instructions there and you will be able to do all of these!

Disclaimer

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GET READY FOR THE 2007 ARRL JANUARY VHF SWEEPSTAKES!

When- January 20 - 21, 2007, from 2PM on Saturday to 11PM on Sunday.

Where- WB1BRE/KA1LDS residence in Strafford, VT.

Who- YOU!

What- A combination of operating and socializing for the weekend. We will be on the air on 6M, 2M, 222 Mhz and 440 MHZ and possibly a station in the microwave region. TSRC has finished first in it's category in Vermont for the past several years and we hope to continue the trend. We welcome and encourage both experienced operators and newcomers to join us for some fun operating and great food over the weekend. More details in the January issue.....

73, Bill WB1BRE

"Omnibus" Amateur Radio Report and Order Takes Effect December 15

With publication in the Federal Register November 15, the long-awaited changes to the amateur rules are set to take effect 30 days later, at 12:01 AM EST December 15. The so-called "Omnibus" Amateur Radio proceeding, WT Docket 04-140, includes a significant expansion of the 75 meter phone band and a variety of other changes.

The highlights:

* For Amateur Extra class licensees, the 75 meter phone band will start at 3600 kHz, while Advanced class licensees start at 3700 kHz and Generals at 3800 kHz. The high end of the CW/RTTY/Digital band is now 3600 kHz (although CW is allowed on the entire band).

* On 40 meters, Amateur Extra and Advanced licensees will be able to operate phone beginning at 7125 kHz, while Generals start at 7175 kHz. The top end of the CW/RTTY/Digital band will be 7125 kHz (although CW is allowed on the entire band).

* There are no changes to the 20 meter band.

* On 15 meters, the General class phone band now starts at 21275 kHz.

* On 10 meters, Novice and Technician Plus licensees can now operate CW/RTTY/Digital from 28000 kHz to 28300 kHz.

* In addition, Novices and Tech Plus licensees can use CW only on the same frequencies as General and Advanced licensees on the 80, 40 and 15 meter bands: 3525 kHz-3600 kHz; 7025 kHz-7125 kHz and 21025 kHz-21200 kHz.

The Report&Order as published in the Federal Register clarified two items that had raised some concerns when it was first released October 10: That the 80/75 meter band split applies to all three IARU Regions, and that FCC licensees in Region 2, which includes North America, can continue to use RTTY/data emissions in the 7075-7100 kHz band.

Several controversial aspects of the proceeding are still to be resolved, although the FCC is working on an erratum for the inadvertent elimination of J2D emissions of more than 500 Hz bandwidth. The Commission intends to release the erratum by the December 15 effective date.

The FCC also took several other miscellaneous actions.

FCC corrects error in "Omnibus" Report And Order

The FCC has released an Erratum that corrects one error in the recent Report and Order (R&O) in WT Docket 04-140 -- the so-called "omnibus" Amateur Radio proceeding -- that inadvertently limited J2D emissions to an occupied bandwidth of 500 Hz. J2D emissions are data sent by modulating an SSB transmitter.

Had it been left to stand, the error would have rendered illegal below 30 MHz PACTOR III at full capability as well as Olivia and MT63 when operated at bandwidths greater than 500 Hz bandwidth, 1200 baud packet, Q15X25 and Clover 2000.

The FCC Erratum revises 97.3(c)(2) of the Amateur Service rules going into effect December 15 to read:

Data. Telemetry, telecommand and computer communications emissions having (i) designators with A, C, D, F, G, H, J or R as the first symbol, 1 as the second symbol, and D as the third symbol; (ii) emission J2D; and (iii) emissions A1C, F1C, F2C, J2C, and J3C having an occupied bandwidth of 500 Hz or less when transmitted on an amateur service frequency below 30 MHz. Only a digital code of a type specifically authorized in this part may be transmitted.

The Erratum is available on the FCC Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-268642A1.pdf

The FCC incorporated some unrelated editorial revisions in the version of the R&O that appeared November 15 in the Federal Register, <http://a257.g.akamaitech.net/7/257/2422/01jan20061800/edocket.access.gpo.gov/2006/pdf/E6-19189.pdf>. The "omnibus" rule changes -- including those accounted for in the Federal Register and the Erratum -- take effect Friday, December 15, at 12:01 AM EST (0501 UTC).

CLUB OFFICERS

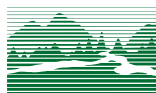
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Part 97 <http://www.arrl.org/field/regulations/news/part97/>

Don't forget to check the TSRC Home Page!
Make it your default start page!
<http://www.w1fn.org>


**Happy
Holidays!**

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