

QRZ NEWS

A MONTHLY PUBLICATION OF
SOUTHERN PENNSYLVANIA AMATEUR RADIO CLUB, INC
PO BOX 1033 - LANCASTER, PA 17608-1033

(Founded June 1960)

AN AFFILIATED SPECIAL SERVICE CLUB OF THE ARRL, INC.

"Public Service through Communication"

Website: www.K3IR.org

Email address: ****pending****

Repeaters: 145.230 - 146.715 - 449.975 - Packet 145.030 - ATV 902.145

December 2006

Comments are most welcome.

Membership Meetings

November Meeting;

The meeting was held on November 15th

Grant Beachamp opened the meeting at 19:00 hrs.

The meeting began with a round robin by name and callsign.

Minutes

Minutes from the last meeting were read by Harry Bauder.

Treasurer's Report

Grant Beachamp provided a treasurer's report

Old Business

Several club members provided radio service for the annual Columbia Halloween parade and reported this to be a good and worthwhile experience.

New Business

***** SATURDAY DECEMBER 9, 7:30 AM. PAPER COLLECTION RAPHO TWP. COMM. BUILDING. ALSO ADOPT-A- HIGHWAY RAPHO TWP. WE WILL SPLIT RESOURCES TO COVER BOTH EVENTS. *****

***** SPARC MEETING WEDNESDAY DECEMBER 20, 1900 HRS 7 PM. THIS IS THE ANNUAL ELECTION OF OFFICERS FOR 2007. PLEASE ATTEND.

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Technical Section

- Max Peters gave a talk and discussion of club member's interests as related to topics to be covered in future tech sessions.

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ARES/RACES

RACES Nets



Lancaster County Net is held on the first Tuesday of the month at 2030 hours local time. Presently being held on the 147.015 MHz repeater with minus offset and 118.8 PL.

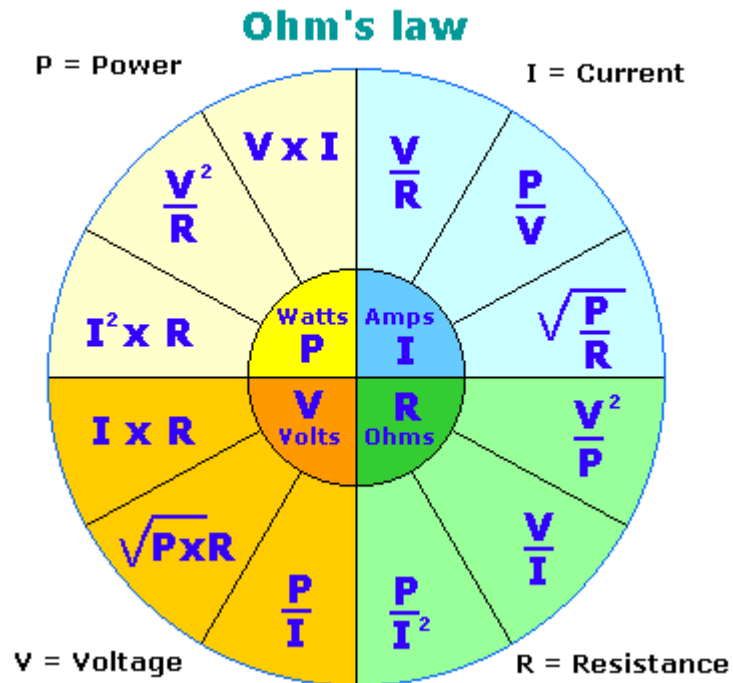
Pennsylvania RACES HF Nets are held at 3993.5 kHz LSB on all Sundays except holidays. The statewide net is on the first Sunday of the month at 0800 hours local time. The Central Area (including Lancaster County) net is at 08:30 local time.

**** TUESDAY DECEMBER 5, ARES/RACES NET 2030 HRS *****

*** WEDNESDAY DECEMBER 6, SKYWARN NET 2030 HRS ****

- **Tech Section:**

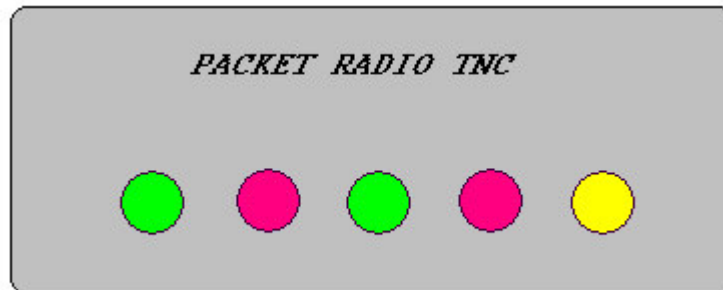
If anyone has anything they would like to contribute to this or a topic they would like to see please let me know.



Digital Modes:

If anyone has anything they would like to contribute to this or a topic they would like to see please let me know.

A "bit" about Digital Radio



- The SPARC packet radio sysop continues to work on configuration of the updated club packet BBS system. When implemented this system will give a much larger message storage capacity and will eventually add multi frequency capability.
- Lets not forget the original ham radio digital mode. Namely the di-dahs of Morse Code.

characters

A .- B -... C -.-.
D -.. E . F ..-.
G --. H I ..
J .--- K -.- L .-..
M -- N -. O ---
P .--. Q --.- R .-.
S ... T - U ..-
V ...- W --- X -.-
Y -.- Z ---.

numbers

1 .---- 2 ..--- 3 ...--
4- 5 6 -....
7 ---... 8 ----. 9 ----.
0 -----

punctuation

, ---.-
..-.-

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? ..--..
= -...-
/ -...-

prosigns

QRL? is this frequency in use?

CQ seek contact with any station

—
AR after call to a specific station, or to indicate the end of message

K invite any station to transmit

—
KN invite a specific station to transmit

BK invite receiving station to transmit

R all received correctly

—
AS please stand by

—
SK end of contact (sent before callsign)

CL going off the air

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General News:

If anyone has anything they would like to contribute to this or a topic they would like to see please let me know.

- ***** VE TESTING THURSDAY DECEMBER 21, 1900 HRS LANCO EMGC TRAIN CENTER. NEXT SCHEDULED EXAM IS FEBRUARY 15, 2007. EXAMS ARE ON EVEN NUMBERED MONTHS THIRD THURSDAY AT 7 PM 1900 HRS. *****

- *This from the ARRL.*

SB QST @ ARL \$ARLB027
ARLB027 "Omnibus" Amateur Radio Report and Order Takes Effect
December 15

ZCZC AG27
QST de W1AW
ARRL Bulletin 27 ARLB027
From ARRL Headquarters
Newington CT November 22, 2006
To all radio amateurs

SB QST ARL ARLB027
ARLB027 "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

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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.
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- *And a later update*

SB QST @ ARL \$ARLB028
ARLB028 FCC corrects error in "Omnibus" Report And Order

ZCZC AG28
QST de W1AW
ARRL Bulletin 28 ARLB028
From ARRL Headquarters
Newington CT November 29, 2006
To all radio amateurs

SB QST ARL ARLB028
ARLB028 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

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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).

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More information is available at the ARRL's website.

<http://www.arrl.org>

Hamfests this month:

None that I know of.

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2006 OFFICERS

President: Dave Payne, N3LOM

Vice President: Rick Watson, N3SWJ

Secretary: Dave Sarraf, N3NDJ

Treasurer: Grant Beauchamp, KB3KIN

Directors: Harry Bauder, WA3FFK. Mike Warner N3XPD

APPOINTMENTS

Web site

Dave Sarraf N3NDJ; Rick Watson, N3SWJ; Mike Warner, N3XPD

Training Committee

Max Peters, KI6NJ; Dave Payne, N3LOM; Jim Ibaugh, AA3C; Yogi Bear, WB3FQY.

Tech Committee

Dave Payne, N3LOM; Mike Warner, N3XPD; Harry Bauder, WA3FFK

Newsletter:

Mike Warner, N3XPD

Email: n3xpd@comcast.net

SPARC Nets

SPARC holds nets on the 2nd, 3rd, 4th, and 5th Tuesday (every Tuesday except the first) at 2030 local time on 145.230 MHz minus offset and a PL of 118.8.

That's all for now,

Hope to hear you all on the air and see you at a meeting or club event.

73,

Mike Warner, N3XPD