



Western Pennsylvania Repeater Council, Inc.

Meeting Notes October 18, 2015 1:00PM

The Masonic Lodge - Punxsutawney, PA : Meeting Host Jim Knox N5NWC

W.P.R.C, Inc. 3000 Village Run Road, Unit 103 #173, Wexford Pa 15090-9244
W.P.R.C. E-Mail: wprc@wprcinfo.org --- W.P.R.C. Web Site: <http://www.wprcinfo.org>

Chairman: Paul Plants W3PLP Re-Elected
Vice-Chairman: Elmer (Bud) Plants N3TIR
Secretary: Thomas Brew K3WS
Assistant Secretary: Elaine Bailey K3EMM Appointed
Treasurer: Tom Cooney Jr. W3SF 2014-2015

Frequency Coordinator: Frank Bobro N3FB Appointed
Bylaws Committee Chairman: Jeff Blake N8PSU Appointed
Technical Committee Chairman: Kevin Custer W3KKC Appointed
Treasurer Elected & Webmaster: Scott Zimmerman N3XCC 2016-2017

----- October 18th 2015 Election Meeting Report Highlights -----

We would like to extend a "thank you" to the 26 people who gave of their time and attended the October 18th WPRC, Inc. year end election meeting at the Masonic Lodge in Punxsutawney, PA. It is only with your participation we can effectively do our jobs and serve you to the best of our abilities. It is with your strong attendance this whole year we have positively affected forward thinking and continuous improvements as you will see even more in this year-end report. As a result of this meeting, and with the help of everyone in attendance, we voted on some important matters including the 2016 meeting location and a new 70cm band plan. (The meeting address and talk-in information will be posted soon.) Because of your cooperation and efficiency, this meeting was completed in just under 80 minutes and everyone arrived on time. At the end of the meeting everyone stuck around for a demonstration on DMR which is a digital radio format consisting of two time slots that permit one frequency to be used by two people at the same time without interfering with each other. Presenter: Dylan Beaty KC3DVR.

A special thank you to Jim Knox N5NWC and the Masonic Lodge our host for this great meeting location. Pictures have been posted on the WPRC, Inc. Facebook page (Photographer Jack Brew KC3BGR) Our year end meeting was completed in a very orderly fashion with the input and feedback of everyone in attendance.

For this meeting, Tony K3PXY purchased \$400.00 worth of gift certificates (that everyone in attendance received) to the HONG KONG Chinese Buffet just down the road from the meeting. We saw most of the folks who attended the meeting there for an after meeting social. Please pass on your thanks to Tony as you hear him on the WAN system.

Thank you to Elisha Zimmerman KB9WCX who produced the most recent WPRC, Inc. newsletter. We look forward to future publications.

Just a reminder that our 2016 membership renewal time is upon us. Please have your completed accurate membership form and payment in to the WPRC, Inc. by or before the 2016 April Spring meeting. An updated membership form is available on wprcinfo.org or by e-mail request to sec@wprcinfo.org

Please direct any comments and or feedback regarding this report directly to sec@WPRCinfo.org or via US Mail to: WPRC, Inc. c/o Secretary, 3000 Village Run Road, Unit 103 #173 Wexford, PA 15090-9244 All comments officially received will be logged and properly processes at future meetings if so required.

----- **October 18th 2015 Year End Meeting Report** -----

Jim Knox N5NWC started the meeting with a prayer asking for the Lord's blessing of our health, our efforts as a group working together, and Jim also asked that we all be blessed with a safe trip home. Jim concluded asking for the Lord's blessing watching over and helping us to make good decisions.

1) Meeting Called to Order

Paul W3PLP called the Regular Meeting of the Western Pennsylvania Repeater Council to order at 1:00 PM. Paul announced that as with all meetings there is an audio recording that is kept on file for board of director access only. Paul also mentioned that if anyone was uncomfortable with the meeting being archived in audio format they were welcome to step out. Audio Log # 3873

2) Welcome and Introductions. We went around the room and introduced ourselves by name and call sign. Refer to attendance list at the end of this report. Log # 3870. Paul asked to make sure everyone has checked in with the Secretary and signed the check in sheet.

3) New Members

Tom W3SF Reported the following proposed new member:

Daniel Patton, KB3FCZ - White Oak, PA - West Mifflin, Allegheny Cty - 145.330 KB3FCZ. Welcome new member who is formally seated.

Motion to Approve and Seat: Paul AB3PJ 2nd: Chuck N3LAD Vote: Unanimous

4) Treasurer's Year End Report Tom W3SF From Log # 3876

2015 Western PA Repeater Council - Treasurer's Report
Sunday, October 18, 2015 by W3SF

| Date | Description | Checking | Petty Cash |
|------------|---|----------------|--------------|
| 10/19/2014 | Account Balances | 7773.87 | 94.73 |
| | Membership Dues Deposits: | 225.00 | |
| | Year to Date Other Deposits (ARRL Stipend): | 0.00 | |
| | Interest Deposits (checking with interest): | 0.39 | |
| | Expenses Through End of 2014: | | |
| | Mail Box & Forwarding Thru 11-15-2015 | -250.00 | |
| 12/31/2014 | 2014 Year Ending Balances: | 7749.26 | 94.73 |
| 1/1/2015 | 2015 Year Opening Balances: | | |

Income, Year to Date 2015:

| | |
|---|--------|
| Membership Dues Deposits: | 885.00 |
| Year to Date Other Deposits (ARRL Stipend): | 370.00 |
| Interest Deposits (checking with interest): | 1.26 |

Expenses, Year to Date 2015:

| | | |
|--|---------|--------|
| Mailbox Forwarding Postage Replenishment: | -100.00 | |
| wprcinfo.org Domain Registration - 5 years | -55.25 | |
| Postage | | -12.98 |
| Meeting Hall Use Donations | -50.00 | |

10/18/2015 **8800.27** **81.75**

10/18/2015 Total WPRC Funds: 8882.02

| | |
|---|-----|
| Membership Database Records | 335 |
| 2015 Membership - Regular Renewal | 64 |
| 2015 Membership - Regular NEW | 3 |
| 2015 Membership - Associate Renewal | 0 |
| 2015 Membership - Associate NEW | 1 |
| 2015 Membership - Complimentary Records | 5 |

68 members / 329 Coordinations 20.70%

Motion to Approve: Paul AB3PJ 2nd: Chuck N3LAD Vote: Unanimous

5) Frequency Coordinator Report - Frank N3FB

Since July 1, 2015 the following items have been processed:

We have 5 Open Applications that are currently being processed.

9 – Deletions, these were database maintenance.

2 – Denials

3 – Final Coordinations

6 – Initial Coordinations

15 – Requests from surrounding Coordination Bodies.

Frank posted an update to the database on October 14, 2015.

On October 1, ARRL froze their database in preparation for a major change to their system. In advance of that Freeze, Frank reviewed every record that was on the ARRL database for accuracy and made corrections as necessary.

Thanks again to Kevin W3KKC for all of the work that he does behind the scenes; from assisting with a coordination question to double checking the applications. When Frank sees an application, he knows the data has been reviewed and is correct. This makes it easy for him and he appreciates the effort and help.

Frank also thanked the board for what they do. All of this with “free time” which is very hard to come by.

Frequency Coordinator Year End report:

The totals from last October to now are:

- 11 – Deletions, these were database maintenance.
- 14 – Denials
- 25 – Final Coordinations (New or Trustee Change)
- 45 – Requests from surrounding Coordination Bodies.

We handled an interference request and followed up on three machines reported as down.

We have worked with WPRC, Inc. web site coordinator so that we can make periodic web site listing updates. We have kept WPRC Inc. records current with the ARRL repeater database.

Around the room applause to this effort was heard from all in attendance. Several people made positive comments on the progress Frank has made and working with almost nothing from the start. Thank you and congratulations to Frank from all of us.

6) Committee Reports

a) Technical Committee – Kevin W3KKC

Kevin addressed the room saying he did not want to focus what “he” has done rather he wanted to focus on what the council has done as a team. Kevin openly and especially thanked Frank for what he has done in creating the coordination database noting the organization would not function without Frank and his efforts. Kevin, as we all know, tackles most of the technical issues presented to this group and in most cases even settles most disputes before they even become official business. And as Frank mentioned, Kevin proofs and or fact checks applications making coordination cycle time much shorter.

b) Public Relations Committee – Scott N3XCC

Scott thanked Elisha Zimmerman KB9WCX who produced the most recent WPRC, Inc. newsletter. Scott had a discussion on how people preferred to receive them in the future. The newsletter was sent to 152 people.

7) Old Business

a) Fred KA3UEL Inquiry: discuss and educate how we will reply and or process. Kevin W3KKC announced that we have received a letter questioning the Trustee / Back-Up Trustee assignment for the New Castle 146.625 Burt WA3VRD. Jake KC3BDF and Milton KD8UWI equipment owner stood up and explained that all information in the pending application is accurate and valid. This request and letter in question met with a lot of around the room discussion. All in attendance noting that nobody showed up at this meeting to stand against the pending signed application. Tom K3WS made a comment that we are all impressed that folks showed up to discuss and help decide on this matter as participation counts.

Motion Made by Scott N3XCC to accept the officially filed application change as is and process it without question. 2nd by Bryan WA3UFN Vote: UNAMIOUS

8) New Business

- a) We have issued 125 log numbers since January 1, 2015.

9) Good of the Council: noting mentioned

10) Location and time of 2016 meetings.

Lengthy open around the room discussion and proposals lead to the following 2016 meeting schedule.

We are now on a 3 meeting a year schedule. April at the Nicktown Church Hall Northern Cambria – Host Chuck N3LAD and Dylan KC3DVR, July in North Pittsburgh PA at the Channel 11 Studio - Host Frank N3FB, and October in Punxsutawney, PA – Host Jim N5NWC. Time, address, and talk in will be posted.

Motion to Approve: Kevin W3KKC 2nd Scott N3XCC Vote: Unanimous

11) Kevin W3KKC Special Proposal for NEW 70cm / UHF Band Plan

After Kevin verbally presented his 70cm band plan and all its details he fielded several questions and suggestions of which all were answered or given a place in the plan and its future use. This topic was discussed for over 35 minutes and 3 conditions to the frequency coordination application were requested as indicated within the plan seen below. This proposal is all about opening up additional frequencies as digital usage grows. Thank you everyone in attendance for your input and support making this possible.

PROPOSED 70 CENTIMETER BANDPLAN – October 18, 2015 – Kevin Custer W3KKC

420.0000 -426.0000 ATV Repeater Output Primary (421.250 visual carrier) (a)
424.0125 -424.9875 FM Voice Auxiliary Links Secondary (12.5 kHz spacing) (b)
425.0000 -431.0000 ATV Input Primary (426.250 visual carrier) (c)
430.0125 -430.9875 FM Voice Auxiliary Links Secondary (12.5 kHz spacing) (b)
431.0000 -432.0000 Reserved for future assignment
432.0000 -433.0000 Weak signal modes only (CW, SSB, EME, Beacons)
433.0125 -434.9875 FM Voice Auxiliary Links (12.5 kHz spacing)
435.0000 -438.0000 International satellite-exclusive subband
438.0000 -444.0000 ATV Repeater Output Secondary (439.250 visual carrier) (d)
440.0000 -440.0750 Digital repeater outputs (12.5 or 25 kHz spacing) (h)
440.1000 -440.9000 FM Voice Repeater Outputs (25 kHz spacing) (e, f, g, h)
440.9250 -441.0750 Digital simplex (12.5 or 25 kHz spacing) (i)
441.1000 -444.9750 FM Voice Repeater Outputs (25 kHz spacing) (f, g, h)
445.0000 -445.0750 Digital repeater Inputs (12.5 or 25 kHz spacing) (h)
445.1000 -445.9000 FM Voice Repeater Inputs (25 kHz spacing) (f, g, h)
445.9250 -446.0750 FM Voice Simplex
446.1000 -446.9750 FM Voice Repeater Inputs, Links (25 kHz spacing) (f, g, h)
447.0000 -449.9750 FM Voice Repeater Inputs (25 kHz spacing) (g, h)

(a) The 420 to 426 MHz subband is the primary ATV repeater output channel, with visual carrier on 421.250 MHz. WPRC strongly encourages cross-band ATV operations between 70 centimeters and the higher bands. ATV operations must use horizontal polarization.

(b) Narrowband FM auxiliary link operations in the 424 to 425 MHz and 430 to 431 MHz segments have secondary status to primary ATV operations. FM auxiliary links in these segments must use vertical polarization and directional antennae with a minimum of 9 dBi forward gain and 15 dB front/back and front/side ratio.

(c) The 425 to 431 MHz subband is the primary ATV input channel, with visual carrier on 426.250 MHz. WPRC strongly encourages cross-band ATV operations between 70 centimeters and the higher bands. ATV operations must use horizontal polarization.

(d) New ATV repeaters may use the 438 to 444 MHz subband as an output channel on a secondary basis, utilizing horizontal polarization to reduce the possibility of interference to vertically-polarized narrowband FM operations. In areas where an ATV repeater is using this channel, the FM repeater pair of 443.750 output/448.750 input will not be eligible for coordination to protect the ATV aural channel.

(e) Although this subband is considered secondary for ATV operations, new FM repeaters with outputs in this segment should take whatever measures are necessary to minimize interference to existing, grandfathered ATV repeaters using 438-444 MHz as a repeater input.

(f) Frequencies between 445.000 and 446.975 MHz, aside from those used by digital and FM simplex operations, may be in use as auxiliary link frequencies for grandfathered coordinations. As such, not all frequencies in this segment will be available for new coordinations to afford protection to the existing coordinations.

(g) All FM, Digital, and Dual Mode repeater pairs use a 5 MHz transmit/receive spacing.

(h) Narrowband FM and digital repeaters will be offset +6.25 kHz or -6.25 kHz from the wideband channel center, thereby allowing two narrowband operations to exist at 12.5 kHz spacing within the bandwidth normally occupied by a single wideband operation. Wideband FM repeaters applying to modify an existing coordination to convert to digital operation may be required to relocate to the digital subband, unless no frequencies exist therein, in which case they will operate +6.25 kHz or -6.25 kHz from the previously-coordinated analog channel center.

(i) Shared with existing packet radio coordinations.

70cm FM Voice Auxiliary Links:

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| 424.0125 | 424.0250 | 424.0375 | 424.0500 | 424.0625 | 424.0750 | 424.0875 |
| 424.1000 | 424.1125 | 424.1250 | 424.1375 | 424.1500 | 424.1625 | 424.1750 |
| 424.1875 | 424.2000 | 424.2125 | 424.2250 | 424.2375 | 424.2500 | 424.2625 |
| 424.2750 | 424.2875 | 424.3000 | 424.3125 | 424.3250 | 424.3375 | 424.3500 |
| 424.3625 | 424.3750 | 424.3875 | 424.4000 | 424.4125 | 424.4250 | 424.4375 |
| 424.4500 | 424.4625 | 424.4750 | 424.4875 | 424.5000 | 424.5125 | 424.5250 |
| 424.5375 | 424.5500 | 424.5625 | 424.5750 | 424.5875 | 424.6000 | 424.6125 |
| 424.6250 | 424.6375 | 424.6500 | 424.6625 | 424.6750 | 424.6875 | 424.7000 |
| 424.7125 | 424.7250 | 424.7375 | 424.7500 | 424.7625 | 424.7750 | 424.7875 |
| 424.8000 | 424.8125 | 424.8250 | 424.8375 | 424.8500 | 424.8625 | 424.8750 |
| 424.8875 | 424.9000 | 424.9125 | 424.9250 | 424.9375 | 424.9500 | 424.9625 |
| 424.9750 | 424.9875 | 430.0125 | 430.0250 | 430.0375 | 430.0500 | 430.0625 |
| 430.0750 | 430.0875 | 430.1000 | 430.1125 | 430.1250 | 430.1375 | 430.1500 |
| 430.1625 | 430.1750 | 430.1875 | 430.2000 | 430.2125 | 430.2250 | 430.2375 |
| 430.2500 | 430.2625 | 430.2750 | 430.2875 | 430.3000 | 430.3125 | 430.3250 |
| 430.3375 | 430.3500 | 430.3625 | 430.3750 | 430.3875 | 430.4000 | 430.4125 |
| 430.4250 | 430.4375 | 430.4500 | 430.4625 | 430.4750 | 430.4875 | 430.5000 |
| 430.5125 | 430.5250 | 430.5375 | 430.5500 | 430.5625 | 430.5750 | 430.5875 |
| 430.6000 | 430.6125 | 430.6250 | 430.6375 | 430.6500 | 430.6625 | 430.6750 |
| 430.6875 | 430.7000 | 430.7125 | 430.7250 | 430.7375 | 430.7500 | 430.7625 |
| 430.7750 | 430.7875 | 430.8000 | 430.8125 | 430.8250 | 430.8375 | 430.8500 |
| 430.8625 | 430.8750 | 430.8875 | 430.9000 | 430.9125 | 430.9250 | 430.9375 |
| 430.9500 | 430.9625 | 430.9750 | 430.9875 | 433.0125 | 433.0250 | 433.0375 |
| 433.0500 | 433.0625 | 433.0750 | 433.0875 | 433.1000 | 433.1125 | 433.1250 |
| 433.1375 | 433.1500 | 433.1625 | 433.1750 | 433.1875 | 433.2000 | 433.2125 |
| 433.2250 | 433.2375 | 433.2500 | 433.2625 | 433.2750 | 433.2875 | 433.3000 |
| 433.3125 | 433.3250 | 433.3375 | 433.3500 | 433.3625 | 433.3750 | 433.3875 |
| 433.4000 | 433.4125 | 433.4250 | 433.4375 | 433.4500 | 433.4625 | 433.4750 |
| 433.4875 | 433.5000 | 433.5125 | 433.5250 | 433.5375 | 433.5500 | 433.5625 |
| 433.5750 | 433.5875 | 433.6000 | 433.6125 | 433.6250 | 433.6375 | 433.6500 |
| 433.6625 | 433.6750 | 433.6875 | 433.7000 | 433.7125 | 433.7250 | 433.7375 |
| 433.7500 | 433.7625 | 433.7750 | 433.7875 | 433.8000 | 433.8125 | 433.8250 |

| | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|
| 433.8375 | 433.8500 | 433.8625 | 433.8750 | 433.8875 | 433.9000 | 433.9125 |
| 433.9250 | 433.9375 | 433.9500 | 433.9625 | 433.9750 | 433.9875 | 434.0000 |
| 434.0125 | 434.0250 | 434.0375 | 434.0500 | 434.0625 | 434.0750 | 434.0875 |
| 434.1000 | 434.1125 | 434.1250 | 434.1375 | 434.1500 | 434.1625 | 434.1750 |
| 434.1875 | 434.2000 | 434.2125 | 434.2250 | 434.2375 | 434.2500 | 434.2625 |
| 434.2750 | 434.2875 | 434.3000 | 434.3125 | 434.3250 | 434.3375 | 434.3500 |
| 434.3625 | 434.3750 | 434.3875 | 434.4000 | 434.4125 | 434.4250 | 434.4375 |
| 434.4500 | 434.4625 | 434.4750 | 434.4875 | 434.5000 | 434.5125 | 434.5250 |
| 434.5375 | 434.5500 | 434.5625 | 434.5750 | 434.5875 | 434.6000 | 434.6125 |
| 434.6250 | 434.6375 | 434.6500 | 434.6625 | 434.6750 | 434.6875 | 434.7000 |
| 434.7125 | 434.7250 | 434.7375 | 434.7500 | 434.7625 | 434.7750 | 434.7875 |
| 434.8000 | 434.8125 | 434.8250 | 434.8375 | 434.8500 | 434.8625 | 434.8750 |
| 434.8875 | 434.9000 | 434.9125 | 434.9250 | 434.9375 | 434.9500 | 434.9625 |
| 434.9750 | 434.9875 | | | | | |

70cm VSB-AM ATV Repeater Channels:

421.250 visual (output primary)

426.250 visual (input primary)

439.250 visual (output secondary)

70cm Digital Repeater Outputs (+5 MHz offset) (4-25 kHz spaced pairs* or 8-12.5 kHz spaced pairs):

440.000*

440.0125

440.025*

440.0375

440.050*

440.0625

440.075*

440.0875

70cm FM Voice Repeater Outputs (+5 MHz offset) (34 pairs at 25 kHz):

| | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| 440.100 | 440.125 | 440.150 | 440.175 | 440.200 | 440.225 | 440.250 |
| 440.275 | 440.300 | 440.325 | 440.350 | 440.375 | 440.400 | 440.425 |
| 440.450 | 440.475 | 440.500 | 440.525 | 440.550 | 440.575 | 440.600 |
| 440.625 | 440.650 | 440.675 | 440.700 | 440.725 | 440.750 | 440.775 |
| 440.800 | 440.825 | 440.850 | 440.875 | 440.900 | 440.925 | |

70cm Digital Simplex (6 frequencies at 25 kHz or 12 frequencies at 12.5 kHz)

440.950*

440.9625

440.975*

440.9875

441.000*

441.0125

441.025*

441.0375

441.050*

441.0625

441.075*

441.0875

70cm FM Voice Repeater Pair Outputs (+5 MHz offset) (161 pairs {125 existing plus 36 new} at 25 kHz):

| | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| 441.100 | 441.125 | 441.150 | 441.175 | 441.200 | 441.225 | 441.250 |
| 441.275 | 441.300 | 441.325 | 441.350 | 441.375 | 441.400 | 441.425 |
| 441.450 | 441.475 | 441.500 | 441.525 | 441.550 | 441.575 | 441.600 |
| 441.625 | 441.650 | 441.675 | 441.700 | 441.725 | 441.750 | 441.775 |
| 441.800 | 441.825 | 441.850 | 441.875 | 441.900 | 441.925 | 441.950 |
| 441.975 | 442.000 | 442.025 | 442.050 | 442.075 | 442.100 | 442.125 |
| 442.150 | 442.175 | 442.200 | 442.225 | 442.250 | 442.275 | 442.300 |
| 442.325 | 442.350 | 442.375 | 442.400 | 442.425 | 442.450 | 442.475 |
| 442.500 | 442.525 | 442.550 | 442.575 | 442.600 | 442.625 | 442.650 |

| | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| 442.675 | 442.700 | 442.725 | 442.750 | 442.750 | 442.800 | 442.825 |
| 442.850 | 442.875 | 442.900 | 442.925 | 442.950 | 442.975 | 443.000 |
| 443.025 | 443.050 | 443.075 | 443.100 | 443.125 | 443.150 | 443.175 |
| 443.200 | 443.225 | 443.250 | 443.275 | 443.300 | 443.325 | 443.350 |
| 443.375 | 443.400 | 443.425 | 443.450 | 443.475 | 443.500 | 443.525 |
| 443.550 | 443.575 | 443.600 | 443.625 | 443.650 | 443.675 | 443.700 |
| 443.725 | 443.750 | 443.750 | 443.800 | 443.825 | 443.850 | 443.875 |
| 443.900 | 443.925 | 443.950 | 443.975 | 444.000 | 442.900 | 442.925 |
| 442.950 | 442.975 | 444.000 | 444.025 | 444.050 | 444.075 | 444.100 |
| 444.125 | 444.150 | 444.175 | 444.200 | 444.225 | 444.250 | 444.275 |
| 444.300 | 444.325 | 444.350 | 444.375 | 444.400 | 444.425 | 444.450 |
| 444.475 | 444.500 | 444.525 | 444.550 | 444.575 | 444.600 | 444.625 |
| 444.650 | 444.675 | 444.700 | 444.725 | 444.750 | 444.750 | 444.800 |
| 444.825 | 444.850 | 444.875 | 444.900 | 444.925 | 444.950 | 444.975 |

Summary:

This change in bandplan will have a minimal impact on existing coordinations of all types. It will align our bandplan with the ARCC (eastern PA) with the exception of inverted repeater pairs which the WPRC has never done. It affords four or eight additional repeater pairs dedicated for digital repeater operation, 6 or 12 digital simplex channels, and an additional 70 repeater pairs at a 25 kHz spacing or approximately 140 narrowband pairs. We will continue to reserve 442.000 and 442.025 for Shared Non Protected (SNP) operations. These two pairs shall not be coordinated. After considerable discussion, this change was brought to a motion and passed unanimously at the October 2015 “annual” meeting.

Addition to the WPRC’s “Repeater Coordination Policies”:

Since Yaesu’s System Fusion repeaters are not currently narrowband compliant, and the trend is to use them in a fashion which allows for automatically changing modes, they will be coordinated on wideband (25 kHz spaced) channels only. This will ensure that these dual mode repeaters don’t interfere with actual 12.5 kHz narrowband compliant adjacent channel coordinations, no matter what mode (or mode(s) within a mode) they are using. This was brought to a motion and passed unanimously at the October 2015 “annual” meeting.

Additions to the WPRC frequency coordination application Form 100:

The WPRC will update the current frequency coordination application Form 100 to include emission designations. It will be the responsibility of the applicant to provide accurate primary and secondary emission designations on the Form 100. The WPRC will attempt to cross-reference all current emission standards that affect amateur frequency coordination, and include them on the web site. This will be done in an attempt to educate the applicant so accurate emission data can be collected.

Additions to the Initial and Final Coordination:

The Frequency Coordinator will include the emission designator as part of the frequency coordination. It will be the responsibility of the Trustee to comply with the emission(s) granted in the Coordination.

Motion to adopt the 70cm band plan as proposed and modified at the October 18th meeting:

Joe W3BC 2nd: Brian AB3AA Vote: Unanimous

12) Elections

Chairman position: With no other nominations for Chairman, Tom K3WS asked for a motion to close nominations for Chairman and asked for a unanimous ballot to re-elect Paul W3PLP for an additional term. Motion to close nominations: Bill N3BPB 2nd: Kevin W3KKC

Motion to Approve and Seat Paul W3PLP: Paul AB3PJ 2nd: Chuck N3LAD Vote: Unanimous

Treasurer position: Tom K3WS nominated Scott N3XCC with a second from Chuck N3LAD. Kevin W3KKC asked Tom W3SF if he accepts the nomination from a previous meeting. With the outcome of the discussion being Tom W3SF receding his nomination for Treasurer. Tom K3WS asked for a motion to close nominations for Treasurer. Motion to close nominations: Chuck N3LAD 2nd: Paul AB3PJ

Tom K3WS asked for a unanimous ballot to Approve and Seat Scott N3XCC: Paul AB3PJ 2nd: Chuck N3LAD Vote: Unanimous

Kevin called for a round of applause for the job that Tom W3SF has done to date. The room agreed with applause. Thank you Tom, great work.

13) Adjournment at 2:21 PM

Motion to Adjourn: Brian AB3AA 2nd: Bill N3BPB Vote: Unanimous

14) Attendance as copied from signed attendance Log Number: 3870 – 26 in attendance.

| | | |
|----------------------|--------|--|
| Paul Plants | W3PLP | Board of Directors – Chairman Re-elected |
| Elmer “Bud” Plants | N3TIR | Board of Directors – Vice-Chairman |
| Tom Brew | K3WS | Board of Directors – Secretary |
| Elaine Bailey | K3EMM | Board of Directors – Assistant Secretary |
| Kevin Custer | W3KKC | Board of Directors – Technical Committee Chairman |
| Frank Bobro | N3FB | Board of Directors – Frequency Coordinator |
| Jim Knox | N5NWC | Board of Directors – Chaplain |
| Tom Cooney Jr. | W3SF | Board of Directors – Treasurer 2014 - 2015 |
| Scott Zimmerman | N3XCC | Board of Directors – Treasurer Elected & Webmaster |
| Jack Brew | KC3BGR | Member |
| Brian Fornwalt | N3ZQY | Member – 2 nd Rep |
| Joe Shupienis | W3BC | Member |
| Bryan Simanic | WA3UFN | Member |
| William Kristoff Jr. | N3BPB | Member |
| Chuck Englody | N3LAD | Member |
| Patty Marshall | N3XAR | Member |
| Paul Bidzilya | AB3PJ | Member |
| Alan Carnes | N3FJU | Member |
| Doug Smith | N3COW | Member |
| Mike Errigo | WB3EQW | Member |
| Brian Burton | AB3AA | Member |
| Tony Rend | K3PXY | Associate Member |
| Betty Burton | | Guest |
| Lori Bobro | KB3GMU | Guest |
| Chris Englody | KC3DTC | Guest |
| Dylan Beaty | KC3DVR | Guest |

On behalf of the Board of Directors and Special Committees, Thank you to everyone for your continued support and assistance in the growth and continued success of the WPRC, Inc. providing effective coordination services to the amateur community in which we serve.

Meeting Notes Log Number: 3872

Meeting Audio Log Number: 3873

Meeting Sign In Log Number: 3870

**The April 17th 2016 Spring meeting will be held at the Nicktown Church Hall
Northern Cambria – Host Chuck N3LAD and Dylan KC3DVR
203 St Henry St, Nicktown, PA 15762
40°36'52.22"N - 78°48'11.11"W
Talk In 441.000 TG:99 TS:1 CC:1**

Please direct any comments and or feedback regarding this report directly to sec@WPRCinfo.org or via US Mail to: WPRC, Inc. c/o Secretary, 3000 Village Run Road, Unit 103 #173 Wexford, PA 15090-9244 All comments officially received will be logged and properly processes at future meetings if so required.

Introduction from the guest presenter at the October 18th Year End Meeting

Hello everyone I am Dylan Beaty ~ KC3DVR, I recently gave a presentation at the WPRC meeting on October 18th on DMR. DMR is a digital radio format consisting of two time slots that permit one frequency to be used by two people at the same time without interfering with each other. Through linking the DMR network has expanded to cover most of North America and spreading around the world. Hams in other regions have enjoyed the system so much that the number of talk groups has expanded to include ones that cover the whole world all the way down to just your local machine. What makes DMR special is that ability to just talk on your local machine. With the 2 time slot technology and the vast number of talk groups any DMR repeater can have one person talking on worldwide (time slot one) and someone talking on local (time slot two) and they do not interfere with each other at all.

DMR was developed as a commercial protocol based on the fact that frequency is expensive so if you can make 2 talk channels fit on to one frequency then why would you not do it. The same is true for us, where we don't have to pay a fee for each of our frequency's, space is limited in our bands so doubling up is a win/win. Also DMR is a narrow band compliant mode so not only to we get two talk channels per frequency, but the regular 25khz pairs can be split to again double the amount of talk channels on a regular 25khz pair. Four talk channels where in times past only one would fit, this is ground breaking in our area.

I would like to thank those on the WPRC board for allowing me to present after the meeting on Sunday and thank those who stayed for the presentation. I would also like to know if your club would be interested in hearing me speak or have any questions on DMR and the plans I have for Western PA, please contact me at the email below and I will get back to you.

Thanks for reading
Dylan M. Beaty ~ KC3DVR
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