

# WISCONSIN ASSOCIATION OF REPEATERS, INC



March 2016  
Newsletter

Member: Mid-America Coordination Council

Founding Member: National Frequency Coordination Council

## Secretary's Report

Hello to all. Several items of interest have occurred since our last meeting in March 2015. Foremost on everyone's mind, if you've submitted a Coordination Proposal is... where is my coordination? I suspect you've probably got a reply by now as Dave Karr has been spending a significant amount of time lately on getting caught up.

Two major factors have accounted for the delay this year in processing coordination's. The first is our discovery that the database required an audit. And the second was a major update to the software we use to process coordination requests and maintain those coordination's, Coordinator's Took Kit. All of this work was laid out on Dave Karr's to-do list. CTK is a program Dave wrote several years ago and has been adopted by many State frequency coordination councils around the country. His recent efforts allows more modern Windows operating systems to be used.

During the late summer our web site had been compromised, making it impossible to complete web updates or modify our email routing and forwarding. The web hosting company did a fantastic job of making sure our data was secure and has thus far been able to maintain a stable platform for us to move forward.

The leadership of our group has changed as well. Our former Chairman, Dave Schank KA9WXN resigned in early September, citing both personal and professional reasons for his departure. Then in late September Pete Johnson AB9PJ resigned his role as Vice Chairman, again for the same reasons. Both men have been involved with work projects which require an enormous amount of time commitments. This heavy work load and family commitments were just too much for them to remain involved with WAR. We thank them for their efforts and contributions to the ham community. Both men will remain as active as they can as consultants to WAR Inc.

W.A.R. Meeting  
March 19, 2016  
AES Milwaukee

Our March 2016 membership meeting will be on the 19th at Amateur Electronic Supply in Milwaukee. Membership registration starts at 9:30am, with the meeting starting at 10:00am lasting 2 hours.

Please contact Greg Braun,  
Secretary@wi-repeaters.org.

Prior to Dave and Pete's departure, we were working together on updating our Policy documents, revising our Bylaws, and making good progress on a meeting that was going to be scheduled in November.

The Policy document issues deal with how we process frequency coordination requests and the methods implemented. In the "good 'ol days" we could simply apply a distance between systems to ensure a minimum of interference from one another. Fast forward to about a decade ago, and you'll find the listings of repeaters and links increased substantially. Since the goal of WAR or any coordination body is to try and accommodate all comers, a more sophisticated system was implemented, using frequency modeling techniques.

You can imagine the complications involved if we simply used the "protractor" method of coordination. Our Policy documents need to be revised to reflect these new techniques. This affects how our Band Plan is implemented as well, so it was Dave and Pete's initiative to separate the Band Plan from the Policy document making both easier to keep up to date.

We've made significant progress on the forms we use to handle repeater and link coordination's. There have been

several advances in repeater technology made available at reasonable prices to hams which offer dual-modes. Our forms needed to accommodate these types of systems. You'll find ongoing progress being made in this area, so please be sure to download the most recent form from the website when applying for a revision or new coordination.

Yet another area where we've spent a great deal of time is on the implementation of a new web site. What you see today is a step in that direction. We are currently working on a content management site which will potentially offer a "forums" function, allowing you the opportunity to both see and interact with WAR Inc.

Moving forward, WAR Inc. needs additional hams to get involved by volunteering to take on leadership roles. The purpose of our organization remains to be the coordination of frequencies allowed by Part 97. At one point in history, WAR Inc. provided quite a bit of technical knowledge by shared experiences with surplus commercial equipment. Those resources are now readily available to us on the web. Thus, the work to be done by WAR Inc. management is to keep the organization vibrant, up to date with new technologies, and communicate regularly to the ham community. Your participation is required to help develop a new strategy of leadership.

I wish to thank you for your patience during this past year (or two). I know many of you became extremely frustrated with the lack of communication from WAR Inc. Efforts are continuing to remedy these shortcomings as we move forward.

Greg Braun  
Secretary

### We Need Your Help

Are you interested in a leadership role with WAR Inc.?

If so, contact Greg Braun  
Secretary@wi-repeaters.org.

**Wisconsin Association of Repeaters  
March 7, 2015  
Meeting Minutes**

Location:  
Wisconsin State Patrol Office  
Wausau, WI 10:00 CST

**Attendance:**

Chairman Schank KA9WXN  
Vice Chairman Johnson AB9PJ  
Secretary Braun N9CHA  
Treasurer Sheetz K9OQO  
Frequency Coordinator Karr KA9FUR  
Assistant Frequency Coordinator  
Augustine W9HDG  
Mark N9MEA  
Jim KB9KKB  
Ray KB9CBL  
Bob KB9BLU  
Richard W9RIC  
Matt N3IVK  
Richard KC9FNM  
Len N9QIP  
Rich KC9NW  
Kyle KC9SDK  
Gary W9ULK  
Jack N9LIA  
Michael KB9VBR  
Mike N9GHZ  
Dean K9PT

Call to Order: 10:02 CST

Member Introductions

**Chairman's Report**

Incorporation, filed January 27, 2015.  
Wisconsin Non-Stock Corporation.  
Organization now officially known as:  
Wisconsin Association of Repeaters,  
Inc.

ARRL Directory. Discussion regarding  
how our organization submits data  
to the ARRL. File format to manual  
submission. For over 20 years the  
League allowed file updates. Now  
asking coordinating bodies to manually  
update data. WAR, Inc. is seeking  
legal council to determine ownership of  
coordination listing data. No contract is  
currently in place between WAR, Inc.  
and the League.

Letters regarding the ARRL Directory  
are available on the web. [www.wi-repeaters.org](http://www.wi-repeaters.org)

**Secretary's Report**

Greg N9CHA presented the previous  
membership meeting minutes as  
printed. Len N9QIP, motion to accept,  
second Mike N9GHZ minutes of 11-16-  
13. Passed. No discussion

**Treasurers Report**

Jim K9OQO presented the report  
as published and handed out to the  
membership. Motion to accept Len  
N9QIP, Rich KC9NW second. Passed.  
No discussion.

**Assistant Coordinators Report**

Travis W9HDG. Working on  
coordination's, caught up to date.  
Sent renewals in the past 10 days, all  
members should have received their  
updates.

**Coordinators Report**

Dave KA9FUR: Selective Access Plan.  
Used a projected map to highlight the  
history of Selective Access or AKA Tone  
Plan. New plan reviewed. Discussed  
the use of 100pl, historically Upper  
Michigan established use first, thus  
Wisconsin NE and NC has a secondary  
tone listed. DCS, P25, DMR, NXDN,  
DSQ suggestions listed on map.  
Section sizes were defined on the IL  
map and presented to ILRA in 2014. The  
suggested selective access codes were  
based on convenience for the travelling  
ham and regional repeaters current use.

VHF Re-farming: WAR, Inc. is receiving  
more and more requests for narrow  
emitter coordination's. Groups around  
the US are formulating their own narrow-  
band plans. Study by the ARRL resulted  
in a recommendation of education  
and that something should be done,  
however no specific recommendations  
or plans have been revealed. WAR, Inc.  
has drafted a plan which will continue  
to be edited. 145 MHz sub-band raster  
can be reasonably re-farmed. The plan  
will be presented at the ILRA meeting in  
April for discussion.

**Comments and Open Discussion**

Len N9QIP noticed an error in the  
band plan document (Policy Oct.  
2009) available on the web site. Dave  
KA9WXN will review the document and  
update as necessary.

**Communications - Web/Newsletter**

Web Forum: An area(s) on the  
web to include; FAQ, Membership  
Comment and other ways for WAR,  
Inc. to communicate current data and  
coordination progress information.  
The WAR, Inc. leadership is working  
on the Web Forum concept and its  
development.

**New Business**

None

**Election of Officers**

Chairman Dave KA9WXN

Vice Chairman Pete AB9PJ

Secretary Greg N9CHA

Treasurer Jim K9OQO

The above ballot was offered to the  
membership. Additional candidates  
were requested of those attending. No  
additional names were added to the  
ballot. All Officers as listed on the ballot  
were accepted and the candidates were  
approved by unanimous consent. No  
discussion.

Set Date and Time for Next Meeting  
November 14th, 2015. Location will be  
in the Milwaukee Metro.

Adjournment by Mutual Consent: 11:31  
CST

Motion: Rich KC9NW

Second: Len N9QIP

Respectfully submitted,  
WAR, Inc. Secretary Braun N9CHA

**Newly Revised Forms**

When making a change to your  
coordination, or submitting a new  
coordination request, be sure to  
download the latest forms!

<http://www.wi-repeaters.org>

**Check Out Our New Website**

Our www site has recently had an  
overhaul and upgrade, check it out.  
All current repeater listings and other  
information is available there.

<http://www.wi-repeaters.org>

**List of Officers & Appointments**

**Chairman - Vacant**

**Vice-Chairman - Vacant**

**Secretary - Greg Braun, N9CHA**

[secretary@wi-repeaters.org](mailto:secretary@wi-repeaters.org)

**Treasurer - Jim Sheetz, K9OQO**

N974 Joey's Place. Greenville, WI 54942  
(920) 757-9457 [treasurer@wi-repeaters.org](mailto:treasurer@wi-repeaters.org)

**Frequency Coordinator - Dave Karr, KA9FUR**

S64 W24740 Susan St. Waukesha, WI 53189  
(262) 513-0150 [ka9fur@wi-repeaters.org](mailto:ka9fur@wi-repeaters.org)

**Newsletter / Webmaster - Gary Bargholz, N9UUR**

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(414) 355-6922 [communications@wi-repeaters.org](mailto:communications@wi-repeaters.org)