



# Minnesota Repeater Council

## Spring 2008 Newsletter

Founding Member: National Frequency Coordination Council

### MRC Officers:

#### Chair

Jay Maynard, K5ZC  
1831 Oakwood Dr.  
Fairmont MN 56031  
chair(at)mnrepeaters.org  
507-235-6485  
952-960-3600

#### Vice Chair

Greg Kitchak, NØGEF  
10238 Humboldt Ave S.  
Bloomington MN 55431  
vicechair(at)mnrepeaters.org  
952-886-0281

#### Secretary Treasurer

Jerry Dorf, NØFWG  
1402 Pulaski Road  
Buffalo MN 55313  
coordinator(at)mnrepeaters.org  
763-682-2169

### Appointments

#### Frequency Coordinator

Jerry Dorf, NØFWG  
See Secretary's info

#### Technical Committee Chair

#### User Liaison

Thomas Gagnon KBØDCO  
805 20th Street East  
Glencoe MN 55336  
320-864-4274  
kbØdco(at)arrl.net

### THE SPRING MRC MEETING Will be held

**Saturday  
May 3, 2008  
At The  
Duluth Superior  
Hamfest**

**Registration at 12:30PM\*  
Meeting at 1:00PM\***

\* Times are approximate, we will have the room after the VE Test session.

Hosted by the Arrowhead Radio Amateur Radio Club, in the 4H building at:

Head Of The Lakes Fairgrounds  
4700 South Tower Drive  
Wisconsin Highway 35  
Superior WI

Agenda is listed on the last page

The hamfest will be in the Multipurpose building from 9 am to 2 PM

For more information on SWAPFEST 08 visit <http://www.thearac.org>

Continued on page 2

Time flies when you're having fun, even if the snow is piling up outside.

Over the past six months, several other coordination bodies have adopted band plans and policies for narrowband digital modes of communication. Some have gone with the Illinois plan, as we did; others have gone in different directions. Regardless, those who complain that the coordination community isn't working to accommodate D-Star and the like are being proven wrong.

It's a common complaint in the amateur community that coordinators are only interested in protecting the good old boy network and ignore new technologies. Those of us who have been doing this job for years know better. It would be nice if hams in general realized how much work we do and how we do stay on top of technical developments...but it's not too likely to happen.

Coordinators are people who get things done. If we don't stay on top of the service, we'll get flattened. None of us wants that any more than anyone else in ham radio.

Now, if you'll excuse me, I need to go shovel some more global warming out of my driveway.

Thanks and 73...Jay

## Directions:

Take Mn I-35 to Hiway 2 Bong Bridge Exit. Go over the bridge and at next traffic lights turn left. Go over viaduct to second Traffic light (Tower Avenue) and take a right. Go approximately 3 miles on Tower Avenue and start looking to the left side of the road. On the right side there will be a truck dealership. Take a left hand turn at truck dealership and look for the Swapfest signs. We will be in the multipurpose building (gold colored building) at the far end of the dirt parking lot to the right.

**Due to the short time available before the meeting, I would encourage everyone to check there dues status and mail in payments in advance.**

Members may check there dues status by looking at the envelope that this newsletter arrived in or looking at the website: <http://mnrepeaters.org/Weblist.pdf>  
Dues are paid to the end of the year listed.

If you need to pay, please include a renewal membership form with your updated information.

It is important that if your not going to attend the meeting to proxy your vote to someone who can attend. This can be another club member or any licensed amateur, it does not have to be a MRC member.

### MRC Resources on the Internet

MRC Webpage <http://www.mnrepeaters.org>  
<http://www.mrc.gen.mn.us>

#### MRC Mailing list:

This mailing list is for announcements and general discussion of MRC events, policy and operations. Currently it is un-moderated and open to all. Sign up at:  
<http://mailman.qth.net/mailman/listinfo/mrc>

Don't forget to change your email program to "plain text" before you try to send anything. Messages with HTML or other fancy print will come through blank if you don't make the change.... Also do not include attachments!

## Contacting the MRC Secretary & Coordinator!

I have a full time job, so if you wish to contact me by phone, it is best to try 6-9PM in the evenings except Wednesdays.

Sending registered mail is going to delay my receiving the correspondence, this also requires my leaving work early or going to the post office on a Saturday morning.

I normally read and respond to email on a daily basis, this is preferred if I need to research something or for simple questions.

Repeater updates and frequency applications must be mailed or faxed. I will provide my FAX number upon request. You may also scan your documents and email the document.

You may use email to notify us of operational changes to your repeater like its now on the air or will be off the air for a period of time.

Proxy forms can be mailed or faxed, emailed scans are acceptable, however just a proxy statement is not..

I will continue to ask that you do the following before the meeting. It is much easier to resolve any issues in advance than at a meeting. I can spend more time to help come to a solution.

Check your envelope for your membership status. If you need to pay dues, please fill out the membership form before bringing funds to the table. Or mail the application in advance!

If you look at the envelope this newsletter came in, you will find your expiration date. This is the year you are paid to the end of the listed year. So 2005 is paid up till Dec 31, 2005

Membership types listed on the envelope

REG	Regular member	ASC	Associate member
NL	Newsletter only	SPL	Special
ZZ	Unknown	RPE	Reg Pending.

If you have any questions, or there is a discrepancy in your information please ask before coming to the meeting.

Thanks for your cooperation.

## Secretary, Treasurers & Coordinators Note

Since the fall newsletter I have processed all of the update forms received., Many arrive after the October 31 deadline resulting in data entry right up to the ARRL deadline.

ARRL repeater directory submission was done with no problems, I ended up making several changes to the CTK export file to show APCO P25 and DSTAR systems.

No more DSTAR coordination's have been made, nor requested.

I also learned that there may be a federal grant that some counties are pursuing, that one of the action items is obtaining a 2-meter repeater. One of the central region counties is attempting to get a pair.

Over one weekend I received over 1200 spam emails resulting in my isolating my MRC email addresses from my regular address. We made the following changes to the MRC email addresses following this:

The @mrc.gen.mn.us domain will no longer accept any email, website remains in place. Email addressed to @mnrepeaters.org will continue to be valid. Names at this domain include coordinator, chair, vicechair and board that will be delivered to all of the MRC officers. The secretary@ email address has been eliminated, this reduces each officer's email address count to one group and one individual, further limiting the amount of spam. Email addresses on the website have been encoded with a simple javascript to prevent simple email harvesting. Future newsletters will not use the @ in the addresses so they will not be published directly.

Some policy items that we need to look at:

Members and non-members have requested that the frequency list be made available in text format so they may be imported into radio programming software. Historically this was done to make it more difficult for other web sites to use this data. Others used the data to attempt to do self-coordination due to the non-responsive MRC. We provide this information to the ARRL, they publish the repeater companion CD that will export the data. WAR is providing this data in text format along with other states. Do we want to revisit this policy.

I have received several requests for full duplex links, the MRC bandplan does not have provisions for that use. This would place one side in the 440-442 with a paired frequency +5.000 MHz in the 445-447 link sub-band. WAR is coordinating links like this. One area of concern would be for ATV users.

I would like to remove the \$5 newsletter only option from the membership application as it seems to cause confusion for both current members and new members. I would still recomend offering it for those who want it, however not place it on the forms Being the newsletter is on the website, this should not cause too much hardship and save me from asking the current and new regular/associate members who send \$5 for newsletters how they want to handle the extra \$5.

There has been little communications with surrounding states.

WAR has questioned the new ATV coordination citing MACC has adopted a sunset clause on new ATV repeaters in the 439-444 subband. Our recent bandplan allows it, so some research in order.

73's Jerry N0FWG

## Waiting List

Greg Kitchak	N0GEF	2-meters	Crown
Bruce Williams	N0VOW	2-meters	Wyoming Twsp

### New Coordinations

SLAYTON	WB0ZSO	146.790	RANDY DONAHUE	SW	9/4/2007
MINNEAPOLIS	KA0KMJ	444.425	GOPHER ARC	MET	9/10/2007
FORESTON	KD0CI	445.150	KANABEC COUNTY EMER MGT	EC	9/25/2007
MOORHEAD	W0ILO	444.875	Red River Radio Amateurs	NW	9/25/2007
MOORHEAD	W0ILO	145.350	Red River Radio Amateurs	NW	9/25/2007
HUTCHINSON	KB0WJP	443.400	CROW RIVER AMATEUR	CEN	11/3/2007
MINNEAPOLIS	W0IDS	444.900	STEVE GLATZEL	MET	11/3/2007
BEMIDJI	N10K	444.950	JOHN A SIMMONS	NW	11/10/2007
GRAND PORTAGE	W0BBN	146.655	BOUNDARY WATERS ARC	NE	11/10/2007
TOFTE	W0BBN	146.865	BOUNDARY WATERS ARC	NE	11/10/2007
WYOMING TOWNSHI	N0VOW	145.230	BRUCE WILLIAMS	CEN	12/1/2007
WABASHA	WA0UNB	439.250	JON PETERSON	SE	2/23/2008 (ATV)

### Systems with overdue updates

FISHER	KA0DTV	146.700	JON E LINNELL	KA0DTV	NW	1/16/2004
WOODBURY	KF0ZM	443.050	JOHN PHELPS	KF0ZM	MET	2/1/2004
NORTHFIELD	WA0YCZ	444.850	JOHN ROOKS	WA0YCZ	SC	8/27/2004
NORTHFIELD	W0IHI	449.250	JOHN ROOKS	WA0YCZ	SC	8/27/2004
NORTHFIELD	W0IHI	449.850	JOHN ROOKS	WA0YCZ	SC	8/27/2004
DULUTH	W0GKP	146.940	JERRY FREDERICK	N0BNG	DUL	10/2/2004
DULUTH	W0GKP	444.100	JERRY FREDERICK	N0BNG	DUL	10/2/2004
MAHTOWA	N0BNG	147.000	JERRY FREDERICK	N0BNG	EC	10/2/2004
FRIDLEY	W0MDT	444.525	CHRIS PETERSEN	K9EQ	MET	10/5/2004
LITTLE CANADA	K9EQ	444.075	CHRIS PETERSEN	K9EQ	MET	10/5/2004
INTERNATIONAL F	K0NAR	146.670	BRUCE CHRISTOPHERSON	WJ0Y	NC	11/19/2004
SILVER BAY	AA0WD	146.910	CLETUS MAKOWSKI	KB0LBS	NE	1/2/2005

# Preliminary Minutes of the Minnesota Repeater Council

Fall meeting held On October 27, 2007  
North St. Paul Community Center

Call to order by chairman Jay Maynard, K5ZC at 2:00PM

Introduction officers & members made.

Quorum established with a total of 80 members in good standing on the roster, 25 in attendance, 10 non-metro at the start of the meeting.

**Chairman's Report:** Things running smoothly. Jay has been elected to a second 2 year term as a NFCC board member. The NFCC board has elected Jay to continue being chairman. The NFCC has been working on proposals for narrow band digital systems.

## **Frequency coordinator Secretary & Treasurer's report: Jerry Dorf, N0FWG**

Reports presented to membership in the newsletter & handout. Everything is moving along smoothly. Matt Genelin N0YNT sent a letter that has been included in the official minutes.

## **New Members:**

Gerald Vanderwort WDOGUF Regular membership

Skip Jackson, KS0J Regular membership

Motion made to accept all the membership applications and changes, seconded. Motion passed

## **Old Business:**

Narrow band Digital coordination. A power point presentation was made by Jay Maynard on the narrow band migration plan developed by the Illinois Repeater Association.

A motion was made to adopt the IL plan by placing narrowband digital signals on 6.25 KHz offsets from the normal spacing within the 145 to 145.5 repeater sub band and on the 440MHz band. Motion was made to accept the proposal, seconded. Motion passed.

A review of the budget was presented.

Motion made to eliminate all food and drinks at future MRC meetings, seconded. 20 in favor 5 opposed. Motion passed.

900 MHz band plan is still not published, Jay Maynard will get the information from Doug Reed and finalize.

## **New Business:**

Move the MRC email list service from qsl.net to Pair internet.. Motion made, seconded. Motion passed.

## **Spring Meeting: Non-Metro location.**

Suggestions for Duluth Superior hamfest, Litchfield and Fairmont where made .

Board will look at options and publish the location in the newsletter and website.

## **Elections:**

Nominations where opened, then closed for each office.

A tellers committee of Jerry Dorf, Matt Genelin and Paul Henry was formed to count ballots and present the results.

## **Election Results.**

Chairman:	Jay Maynard, K5ZC	23	Ben Franske , K0BEN	4
-----------	-------------------	----	---------------------	---

Vice Chairman	Greg Kitchak, N0GEF	20	Donald Duck	1
	Steve Glatzel, K0FHC	2	Blank	4

Sec-Treas	Jerry Dorf, N0FWG	27	No other candidates	
-----------	-------------------	----	---------------------	--

Motion was made to destroy the ballots, seconded & passed.

Jay Maynard appointed Jerry Dorf, N0FWG as Frequency coordinator, Jerry Dorf accepted.

Motion to adjourn, seconded Meeting Adjourned at approximately 3:30 PM

Jerry Dorf, N0FWG

Secretary Treasurer

Minnesota Repeater Council, Inc Contents Copyright 2008 by the Minnesota Repeater Council, Inc Page 5

# Minnesota Repeater Council Checking Account

## March 13, 2008

Date	Type	Description	Debit	Credit	Balance	Comments
6/28/2007	Dep	Randy Donahue/Murray County		\$20.00	\$4,134.81	DUES 2008
		DAN SWEE		\$40.00	\$4,174.81	DUES 2010
7/7/2007	2077	Jerry Dorf	\$37.72		\$4,137.09	Anchor paper re-imb Paper/enevelopes
7/7/2007	2078	Postmaster	\$126.80		\$4,010.29	Postage
8/6/2007	2079	Pair Networks	\$124.43		\$3,885.86	Web hosting
8/20/2007	Dep	Allen Hertzberg/ Paynesville ARA		\$20.00	\$3,905.86	Dues 2010
		Gerald VanDervort		\$10.00	\$3,915.86	Dues 2007
8/27/2007	Dep	Paul Germscheid		\$10.00	\$3,925.86	Dues 2007
9/14/2007	Dep	Marshall Radio Club/ James Bacock		\$20.00	\$3,945.86	Reg Dues 2008
9/15/2007	2080	Jerry Dorf	\$21.09		\$3,924.77	Gas for WAR meeting
9/18/2007	Dep	Sherlee Gregg		\$10.00	\$3,934.77	Asc Dues 2008
		Winona ARC / Richard Kolter		\$20.00	\$3,954.77	Reg Dues 2008
		David Furman		\$20.00	\$3,974.77	Reg Dues 2008
		Don Hengemuehle		\$10.00	\$3,984.77	Reg Dues 2009
10/9/2007	DEP	Stillwater Amateur Radio Assoc		\$10.00	\$3,994.77	Reg Dues 2009
		St Paul Radio Club/ Tom Strum		\$20.00	\$4,014.77	Reg Dues 2008
	Dep	Runestone RC/Norm Yeutter		\$10.00	\$4,024.77	Reg Dues 2008
10/15/2007	Dep	DAVID FISHER		\$10.00	\$4,034.77	Reg Dues 2008
10/23/2007	Dep	Bob Bliss		\$10.00	\$4,044.77	Reg Dues 2008
10/25/2007	Dep	ADRIAN R HAABALA		\$20.00	\$4,064.77	Reg Dues 2009
10/25/2007	2081	Cub Foods	\$39.74		\$4,025.03	Pop & plates for meeting
10/25/2007	2082	Dominos Piza	\$168.40		\$3,856.63	Pizza for Fall Meeting
	DEP	Pizza Donation cash		\$59.00	\$3,915.63	PIZZA DONATIONS
		DAN GELLE		\$20.00	\$3,935.63	Reg Dues to 2008
		MATT GENELIN		\$10.00	\$3,945.63	Reg Dues to 2008
		SKIP JACKSON		\$10.00	\$3,955.63	Reg Dues to 2008
		CHARLE ESCH		\$30.00	\$3,985.63	Reg Dues to 2012
		PETER C HOAGLAND		\$20.00	\$4,005.63	Reg Dues to 2009
		KEVIN MAGLOUGHLIN		\$20.00	\$4,025.63	Reg Dues to 2008
		RON GEPPERT		\$20.00	\$4,045.63	Reg Dues to 2008
		MARGARET JORDAN		\$10.00	\$4,055.63	Reg Dues to 2008
		HAROLD CLOUGH		\$10.00	\$4,065.63	Reg Dues to 2008
		DAVID KLEINDL		\$10.00	\$4,075.63	Reg Dues to 2010
		REUBEN RUEN		\$10.00	\$4,085.63	Reg Dues to 2008
		PAUL HENRY		\$20.00	\$4,105.63	Reg Dues to 2009
		JAY MAYNARD		\$20.00	\$4,125.63	Reg Dues to 2009
11/17/2007	DEP	Jon Peterson		\$100.00	\$4,225.63	Reg Dues to 2016
12/24/2007	DEP	BRUCE WILLIAMS		\$15.00	\$4,240.63	Reg Dues 2008 Pending
1/2/2008	DEP	Austin Area ARC/ Mary Nystrom		\$10.00	\$4,250.63	Reg Dues to 2008
1/5/2008	Dep	Eric R Johnson		\$20.00	\$4,270.63	ASC Dues to 2011
1/8/2008	Dep	ROBERT STARK SR		\$15.00	\$4,285.63	Reg Dues 2008 + extra NL
2/9/2008	2083	Postmaster	\$82.00		\$4,203.63	Postage News letter/ General
3/1/2008		Patrick Wilmers		\$25.00	\$4,228.63	Dues till Fall 2009

Notes:

1. New & pending memberships checks have been deposited to avoid the past "Stale Check" problems.
2. The date in the comment field shows dues paid to the end of that year.

# Minnesota Repeater Council

## Membership and Renewal application form

Name of organization or individual sponsor: \_\_\_\_\_

Repeater Call: \_\_\_\_\_ Frequency(s): \_\_\_\_\_

Repeater Location(s): \_\_\_\_\_

### Trustee information (MRC Main Contact).

Trustee Callsign: \_\_\_\_\_ Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Address: \_\_\_\_\_

Email: \_\_\_\_\_ City: \_\_\_\_\_

Other: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Club or alternate contact/mailing address.

Callsign: \_\_\_\_\_ Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**Type of Application:** Renewal  New membership  Trustee Change  Database Update

- Regular Membership  
Dues \$10.00 year  
Organization or individual who is operating a FCC licensed Amateur Repeater station on a frequency coordinated by the MRC. Has one vote at all meetings. Receives all mailings.
- Associate Member  
Dues \$ 5.00 year  
Organization or individual with a active interest in constructing an Amateur Radio Repeater station or in the activities of the MRC. Can participate in the activities of the MRC but has no vote. Receives all mailings.
- Newsletter  
Receives one copy of MRC newsletter for 1 year. Dues \$ 5.00  
Or download for free from the MRC webpage

Signed: Repeater Trustee/Regular Member

Date: \_\_\_\_\_

Mail all Applications and dues to:  
Minnesota Repeater Council  
Jerry Dorf, N0FWG Secretary/Treasurer  
1402 Pulaski Road  
Buffalo MN 55313  
763-682-2169 Voice 952-473-5819 Fax  
jerryd@jerryd.net

# of years Paid: \_\_\_\_\_

Total Amount: \_\_\_\_\_

Check #: \_\_\_\_\_

Name on Check: \_\_\_\_\_

Other Info: \_\_\_\_\_

Membership Approval Granted: \_\_\_\_\_ Date: \_\_\_\_\_

Dues Paid for: 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

**Agenda**  
**Minnesota Repeater Council General meeting**  
**Spring 2008**

**I. Call to order 1:00 PM\***

- A. Welcome
- B. Establish quorum
- C. Introduction of officers and members
- D. Review Agenda

**II. Reports**

- A. Chairman
- B. Secretary & treasurer report, N0FWG
- C. Frequency coordinators report, N0FWG
- D. Technical Committee

**III Individual Announcements**

- A. .

**IV. Applications for membership**

- A. Richard L Auld, K0RGK  
New trustee of 146.760 TCMFC Reg
- B. Bruce Williams, N0VOW  
145.230 Wyoming Reg
- C. Erik James Johnson, KC0YGD ASC

**V. Old business.**

- A. 900Mhz bandplan
- B.

**VI. New business**

- A. Evaluate fesibility of full duplex links in 440Mhz bandplan.
- B.

**VII. Fall Meeting, Metro location**

**VIII. Adjournment**

\* Times are approximate, we will have the room after the VE Test session.

---

**Delegate Registration (Proxy) Form**

Regular member: \_\_\_\_\_

Repeater Call: \_\_\_\_\_ Frequency: \_\_\_\_\_

Trustee: Call: \_\_\_\_\_ Name: \_\_\_\_\_

A regular member is an organization or individual that is the Trustee of record for an operating repeater in the MRC frequency coordination database with MRC membership dues paid in full at the start of the meeting.

Primary Delegate Call: \_\_\_\_\_ Name: \_\_\_\_\_

Alternate Delegate #1 Call: \_\_\_\_\_ Name: \_\_\_\_\_

Alternate Delegate #2 Call: \_\_\_\_\_ Name: \_\_\_\_\_

Restrict voting privileges: If you wish to be registered for purposes if counting attendance, but do not want your assigned delegate to have voting privileges, check here

Duration of Proxy: Check here  to allow this proxy to be used at future MRC meetings. This proxy may be altered or revoked at any time by the regular member. Check here  to restrict voting to current meeting.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Regular Member (Trustee)

**Please mail this proxy to the Secretary at least one week prior to the meeting. Advance registration is appreciated.**