

# Minnesota Repeater Council



*Fall 2004  
Newsletter*

Founding Member: National Frequency Coordination Council

## MRC Officers:

### Chair

Steve Glatzel, KØFHC  
16200 62nd Street NE  
Otsego MN 55330  
sglatzel@aol.com  
763-441-0985

### Vice Chair

Dan Swee, NØFKM  
4250 Tyler St NE  
Columbia Heights MN 55421  
nøfkm@amsat.org  
612-363-5079

### Secretary Treasurer

Jerry Dorf, NØFWG  
1402 Pulaski Road  
Buffalo MN 55313  
jerryd@jerryd.net  
763-682-2169  
952-473-5819 Fax

## Appointments

Chairmans Special Assistant  
Keith Mobarry, WAØTXJ

### Frequency Coordinator

MRC chairman & secretary are  
filling the position at this time

### Technical Committee Chair

Brad Ornes, KAØSQQ  
bradd1@iargs.net

### User Liaison

Thomas Gagnon KBØDCO  
805 20th Street East  
Glencoe MN 55336  
320-864-4274  
kbødco@arrl.net

**The Fall MRC  
Meeting will be  
held Saturday  
October 23, 2004  
at 2:00 PM**

1:00 PM Registration & Lunch  
2:00 PM Call to order

**North St. Paul  
Community Center**

**2290 1st Street  
North St. Paul MN 55109  
N45 0 40.4 W92 59 49.6**

The community center is located  
near Minnesota Highway's  
36 & 120.

A map is provided on page 2

Lunch will be provided, however a  
donation is encouraged!

It is important that if your not  
going to attend the meeting to give  
your proxy vote to someone who  
will be attending. This can be a  
club member or any licensed  
amateur.

This is the same day as Hamfest  
Minnesota.

## A NOTE FROM THE CHAIRMAN

With the arrival of the fall meeting we also must perform another task, the filling out and return of the yearly questionnaire. This time you will notice some changes due to upgrades in the Coordinators Tool Kit program that the MRC uses. The bar-code will allow Jerry to directly access your records without sifting thru the 300+ records in the database. Please remember, and this is important, that you must return this completely filled out form each year. Any one that has not filled out their questionnaire since 2002 will not be listed in the ARRL Repeater Directory. Last year there were notable numbers of repeaters not in the directory. Also we will start de-coordination on the same repeaters.

At the fall meeting will be elections, the membership of the MRC thru elections directs what issues we deal with, if the current officers are not dealing with issues you feel important now is the time to make a change if necessary, if things are moving in the way you want then you will want to keep the current officers. All of the current officers are willing to serve another term.

At the fall meeting last year the MRC bought dinner for all attendees, we will be doing so again this year. Many who attended the meeting came directly from the hamfest in Saint Paul, this allowed them to travel directly without stopping on the way. Please consider making a donation towards the dinner. We will try to provide an interesting program and might even have a door prize which you will not want to miss out on a chance to win.

Steve Glatzel KØFHC  
Chairman

Annual Election of officers:

The following candidates are running for office:

Chairman:

Steve Glatzel, K0FHC  
Matt Genelin, N0YNT

Vice Chair

Dan Swee, N0FKM

Secretary- Treasurer

Jerry Dorf, N0FWG

## Candidates Introduction

One of the most exciting things to happen in Minnesota for many years will happen this fall – an election. A campaign is already under way for the Minnesota Repeater Council's President's position and I am one of the candidates in the running.

I am Matthew Genelin, N0YNT, and I am the best candidate for the position. I have been an active amateur for all 11 years I have been licensed and I have held several appointments including President of The Gopher Amateur Radio Club at The University of Minnesota. I have helped mail and resolve frequency coordination issues for the last two frequency coordinators and have interviewed every frequency coordinator going back to 1972. To truly understand the scope of MRC activities, one must serve as a volunteer on the membership level and I have that experience.

I am writing to you because I feel this fall's election is important for amateur radio in Minnesota. Our repeater coordination group needs to have a defined vision and direction. My vision is three fold: We need to actively pursue repeater coordination as if we are in business; we need to facilitate discussions at meetings that are timely and further opening our hobby to new amateurs, and we need to end conflict of interest in our volunteer leadership.

Up until now our group has paid lip service to protecting coordinated repeaters. When issues between a 146.670 coordinated repeater and uncoordinated repeater arose, our frequency coordinators paid no attention to the interference complaints. In this situation, I believe that we should have written a letter to the two parties and played a mediation role in resolving the problem. There are many other examples where our groups' coordination team could play a more clear day-to-day "businesslike" role in resolving the complaints that are received. I have helped to mediate repeater interference complaints and have enjoyed the experience.

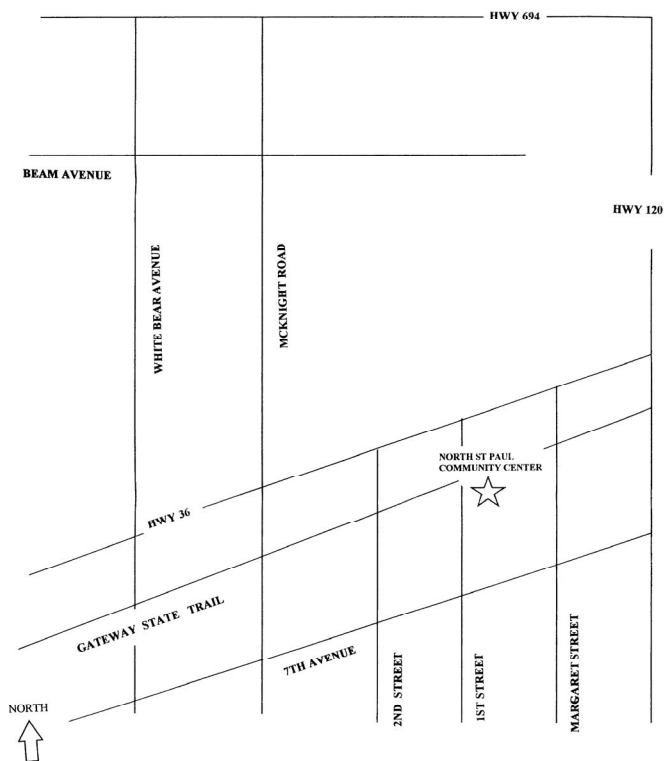
Our group is filled with bright individual repeater owners that compose some of the brightest people in two-way radio and repeaters in the state. It is only a tragedy that we spend time discussing issues that do not look in a more forward direction: For example, what is an acceptable process for finding unused frequencies so that prospecting repeater owners can come and join our group as coordinated repeater owners? How does a new, young, ham get a repeater on the air? While we have a sort-of answer to these questions from our board, I believe the membership should take a more active roll in deciding issues that make technical innovation, emergency service and general repeater operating easier to our repeater users.

I am looking forward to the fall meeting this October and seeing each one of you then.

73's

Matt Genelin, N0YNT

COMMUNITY CENTER 2290 1ST STREET NORTH ST PAUL 55109



### MRC Resources on the Internet

MRC Webpage <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!

## Secretary - Treasurer - Coordination Notes:

Activities since the Spring meeting:

Approximately 155 annual update requests were mailed out in late August. As of Sept. 9, I have received 80 back. Most of the changes have been simple, some systems have indicated that they will be off the air for a period in excess of the normal 6 month normal window.

Most of the time has been working on cleaning up details in the database and finishing up changing over to coordinators tool kit.

Pending coordinations.

Rochester: Currently working with WAR for 147.225, also Iowa for 147.255 that is reported no longer in use. Next possibility is 147.105 that is not on the air in Owatonna and has not responded to update requests since 2001. 147.255 would be the preferred pair.

Willmar Area, several links that have been in use but not in the database.

Waiting List: Dakota County Emergency Communications for a 2M pair

Records older than 2002

Duluth	W0GKP	444.100	10/21/1995	Prop	* #
Moose Lake	N0BNG	147.000	3/9/1986	OTA	* #
Duluth	W0GKP	444.700	4/8/1995	OTA	* #
Duluth	W0GKP	146.940	10/21/1995	OTA	* #
Loman	WJ0Y	146.670	1/6/1996	OTA	*
Loman	WD0GTM	147.345	12/10/1995	OTA	*
Duluth	KA0JZV	29.680	12/3/1995	OTA	
Proctor	KA0JZV	443.150	12/11/1996	OTA	
Owatonna	WB0VAJ	147.105	12/22/2001	OTA	
Silver Bay	KB0LBS	146.910	12/22/2001	OTA	
Worthington	WA0LUT	146.670	12/22/2001	OTA	

\* Has made contact in the last 60 days stating they will be completing the update.

# Is a MRC member, will be suspended according to bylaws if not updated in 2004.

I will be sending out 2nd notice letters to the above list this fall if they do not respond to the update letter by Oct 31 Requesting the status. If that fails then a de-coordination notice will be sent in time for the Spring meeting.

De-coordination notices were sent to 5 people. One VHF pair has been returned however it not usable in the Metro area. 2 letters have been returned as not deliverable and the other 2 received, A detailed report will be made at the meeting. In July I attended the Wisconsin Association of Repeaters meeting in Eau Claire WI. WAR is reasonably happy with the current status of the MRC.

The MRC and WAR have more or less agreed to challenge each other's policies on CTCSS requirements for new systems and the 40 vs 50 mile spacing on the 15KHz adjacent frequency.

Relationships with the other surrounding states have been good with the exception of North Dakota has not been heard from recently.

This fall I plan on making up a new link application form along with reviewing the current coordination forms. Revising the policies on the web page and other general projects as time permits.

We also need to address the 146.655 repeater operating in Long Prairie without a valid trustee. Currently it is operating without a ID on the transmitter by the county sheriff's dept.

Please return your update form ASAP, it helps to spread out the work over a period of time. Also do not take the technical information that is on file for granted. You need to check the information that we have on file! Coordination works only if accurate information is on file. Software now exists to accurately predict normal coverage and to find possible frequencies. This only works if everyone has accurate data on file!

No major activity with the membership database or financial side.

I look forward to continuing in the secretary treasurer position for another year, unless someone wants to step forward and assume the position.

As with last year I will be chairing the Mid Winter Madness hamfest on March 19, 2005 in Buffalo, MN at the Civic Center.

73's

Jerry Dorf, N0FWG  
Sec-Treas

**Preliminary Minutes of the  
Minnesota Repeater Council**  
Spring meeting held On April 17, 2004  
Litchfield Eagles Club

Call to order by chairman Steve Glatzel, K0FHC at 2:00PM

Introduction of officers & members made.

Quorum was met 75 members in good standing, 25 in attendance 12 non-metro.

**Secretary & Treasurer's report: Jerry Dorf N0FWG**

Reports presented to membership in the newsletter.  
A motion was made to accept, seconded and passed.

**Frequency coordinator: Jerry Dorf**

Started/in progress: 2 moves in Waseca. Pending: 145.190 in Faribault due to need a sharing agreement with WAR. 146.850 and 444.800 in Thief River Falls is coordinating after many years of operation. Approved: 146.805 in Atkin, 442.050 move and ownership change. Brainerd 53.11 Litchfield 443.800 Nisswa 443.925 Paynesville 147.075 Plymouth (SNP) 443.000. Denied 146.745 due to conflict with the 50 mile first adjacent pair rule along with a written complaint.

Waiting list: Dakota County ARES

Updates. Still a number of records that have not responded to update requests. List has been published in the newsletter and some have responded. A number of assignments are off the air, however have indicated they will be returning to the air within a year! Some pairs have been returned, one person was tracked through 3 states and multiple moves. One 2 meter pair may become available, however it will not be useable in the metro area. Next update request will be going out in October, we will continue to ask for detailed site information. If you use a GPS receiver please note the position of the degree and decimal point symbols, do not make the numbers fit the form. If you provide incorrect site information, your coordination may not be protected. County information will also be included in the request.

WAR is encouraging the use of CTCSS , they are protecting their standard tone plan. Next WAR meeting is July 10, 2004. At this time there is no NFCC meeting planned in Dayton.

**Technical Committee:** No issues at this time.

**New Members:**

Richard Jackson, KS0J Randy Haglin, N0BZZ Ray Voss, KG0DK Michael Pastururic, N0ODK Adrian Haabula, KB0RRN

**Old Business:**

Tax liability, Keith Mobary presented a letter detailing some questions however does not appear we need to file.. Request was made by Jerry Dorf for a chanelized frequency list for the 900 Mhz and 1200 Mhz band plan that was adopted at the past meetings.

No other old business

**New Business:**

Old records, Matt Genelin presented a report on some of the pre-2000 non updated repeaters. Matt and Jerry Dorf will follow up on the results.

## Shared non-protected pairs.

Due to some problems with sharing on the SNP pairs some restrictions need to be made.

Don Hengemuehle, N0JDH Motioned to adopt the 5 technical standards published in the newsletter as policy. Greg Kitchek, N0GEF seconded.

### Technical considerations

1. ERP shall be limited to no more than 100 watts.
2. System height shall be limited to no more than 400 feet AGL.
3. System shall use a CW or voice identifier connected directly to the transmitter.
4. Station Identifiers shall not beacon at any regular interval or identify more than once after final transmission has occurred .
5. System shall use CTCSS, DCS or other access restrictions on both decode and encode.

Motion to amend, to make the considerations a guideline rather than policy, motion was seconded. Motion failed 13-14.  
Motion to amend, policy to be on 145.230 only, 14-15 motion defeated.

Motion was called, 17 in favor, 10 opposed. Passed

Roger R Laurence presented via email a motion to create a "low power/ Itinerant/ Temporary use" 2 meter SNP pair on 147.500 / 146.500. These frequencies are currently used by simplex operations, however the ARRL band plan allows for local option as repeater operation with the following restrictions. (1) Temporary use only - no permanent installations; (2) Portable/ transportable repeaters or vehicle mounted repeaters only; (3) Maximum ERP of 30 Watts; (4) Maximum antenna height of 75'; (5) CTCSS or DCS required; (6) Use limited to special events, emergencies, disasters, community events, etc.;(7) Temporary on-scene linking (i.e. to HF) would be permitted on a noninterference basis.

Secretary will check with WAR to see if there is a conflicting plan.

Don Rice Seconded, Motion passed

**Fall Elections:** The annual meeting is coming up with election of officers.

Nominations for officers where asked.

Chairman: Steve Glatzel, K0FHC Matt Genelin, N0YNT

Vice Chair: unknown if incumbent Dan Swee will run.

Secretary Treasurer: Jerry Dorf, N0FWG

Additional nominations can be made at the fall meeting

**Spring Meeting:** Metro location

Consensus of all present to hold the fall meeting on the same day as the Twin City FM Club hamfest in St. Paul. Follow-up will be made and announcement made.

Meeting Adjourned at 5:00 pm

Jerry Dorf, N0FWG

Secretary Treasurer

Minnesota Repeater Council, Inc



# Minnesota Repeater Council Checking Account

## Report as of September 8, 2004

Date	Type	Description	Debit	Credit	Balance	Comments
2/1/2004	2029	Gordys Foods	\$22.20		\$3,714.94	Postage General
2/3/2004	DEP	Randy Haglin		\$10.00	\$3,724.94	Dues 2004
2/12/2004	DEP	TCFMC / Ray Voss		\$50.00	\$3,774.94	Dues 2008
3/1/2004	DEP	MN Valley Repeater Assoc/KOFTB		\$10.00	\$3,784.94	Dues 2004
3/12/2004	Dep	Jeffery N Clarine		\$5.00	\$3,789.94	Dues 2004
	Dep	Michael Paskeuric		\$10.00	\$3,799.94	Dues 2004
3/12/2004	2030	Postmaster	\$72.00		\$3,727.94	Newsletter postage
3/17/2004	2031	Custom Business Forms	\$82.61		\$3,645.33	Newsletter Printing
3/22/2004	Dep	Tom Sturm		\$10.00	\$3,655.33	Dues 2004
	Dep	Art Carlson		\$10.00	\$3,665.33	Dues 2004
3/29/2004	DEP	ELVIN SCHMIDT		\$20.00	\$3,685.33	Dues 2006
	DEP	Dovid Blinderman		\$30.00	\$3,715.33	Dues 2005
	DEP	MARSHALL RC/ Jim Babcock		\$10.00	\$3,725.33	Dues 2005
	DEP	Roger Johnson		\$5.00	\$3,730.33	Dues 2004
	DEP	Dan Karg		\$50.00	\$3,780.33	Dues 2008
4/7/2004	DEP	Allen Hertzberg/ Paynesville ARA		\$10.00	\$3,790.33	Dues 2006
4/17/2004	2032	Litchfield Eagles Club	\$124.00		\$3,666.33	Meeting Room
4/20/2004	Dep	ADRIAN R HAABULA		\$20.00	\$3,686.33	Dues 2005
		REUBEN RUEN		\$10.00	\$3,696.33	Dues 2004
		JOHN CZECH		\$20.00	\$3,716.33	Dues 2006
		ALAN KNUTSON		\$20.00	\$3,736.33	Dues 2005
		STEVE GLATZEL		\$20.00	\$3,756.33	Dues 2007
		DAN GELLE		\$20.00	\$3,776.33	Dues 2005
		DAN SWEE		\$20.00	\$3,796.33	Dues 2006
		ROGER VACEK		\$10.00	\$3,806.33	Dues 2004
		TWIN CITIES REPEATER CLUB		\$10.00	\$3,816.33	Dues 2004
		LUNCH DONATIONS		\$80.75	\$3,897.08	Lunch donations
4/27/2004	Dep	Matthew Genelin		\$10.00	\$3,907.08	Dues 2004
		3M Radio Club		\$10.00	\$3,917.08	Dues 2004
		Owatonna RC/Willis Yule		\$50.00	\$3,967.08	Dues 2005
4/29/2004	2033	North St. Paul Community Center	\$75.00		\$3,892.08	Deposit
	2034	North St. Paul Community Center	\$125.00		\$3,767.08	Rental
5/18/2004	Dep	Alfred Belk		\$40.00	\$3,807.08	Dues 2008
6/7/2004	DEP	ARRL		\$270.00	\$4,077.08	Repeater Directory payment
	2035	Jerry Dorf	\$16.05		\$4,061.03	Gas for WAR meeting
8/13/2004	2036	Postmaster	\$146.00		\$3,915.03	Postage Updates, newsletter& general
8/14/2004	DEP	Robert Kalizzewski		\$20.00	\$3,935.03	Dues 2005
8/14/2004	2037	Postmaster	\$22.10		\$3,912.93	De-cordination notices
8/24/2004	DEP	Spirit Valley Amateur Asoc D. Nelson		\$20.00	\$3,932.93	Dues 2006
8/31/2004	DEP	David Furman		\$20.00	\$3,952.93	Dues 2006
9/8/2004	DEP	ROGER VACEK		\$20.00	\$3,972.93	Dues 2006

### 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.
- 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: 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

**Agenda**  
**Minnesota Repeater Council General meeting**  
**Fall 2004**

**I. Call to order 2:30 PM**

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

**II. Reports**

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

**III. Applications for membership**

- 1. David T Runkle, KCØKEP  
Anoka Radio Club
- 2. Ed Jacobson, WBØVHF  
3M Radio Club
- 3. Robert Kaliszewski, KCØFMI  
Dakota County Emerg. Comm
- 4. Skip Jackson, KSØJ Change to Assoc Member status

**IV. Old business.**

- A. Coordinator position
- B. 146.665 Long Prairie situation
- C. Other

**V. New business**

- A. De-coordinations.
- B. Use of certified mail vs registered in the coordination policy
- C. Other New Business

**VII. Spring Meeting, Non Metro location**

**VIII. Election of Officers**

**VIII. Adjournment**

**If anything needs to be added, or you wish to add an item to the agenda please notify the secretary in writing 1 week prior to the meeting.**

**Secretary Treasurer**

Jerry Dorf, NØFWG  
1402 Pulaski Road  
Buffalo MN 55313  
jerryd@jerryd.net  
763-682-2169  
952-473-5819 Fax

---

**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.

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

Regular Member (Trustee)

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