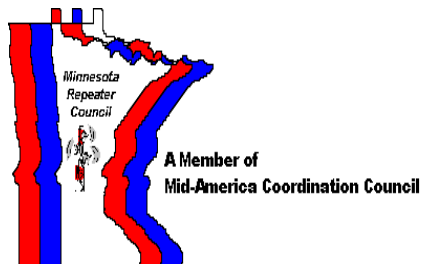


# Minnesota Repeater Council



## Fall 2003 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@iaxs.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 25, 2003  
at 2:30 PM

1:00 PM Registration & Lunch  
2:30 PM Call to order

North St. Paul  
Community Center

2290 1st Steet

North St. Paul MN 55109

N45 0 40.4 W92 59 49.6

PIZZA & POP WILL BE PROVIDED  
FROM 1:00 PM TO 2:30 PM

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

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..

### A few thoughts from the Chairman

Several years ago I was asked by  
some hams to help get the MRC  
back on track. Meetings were not  
being held, new coordinations went  
too long without responses, some  
items were being handled by what  
some thought was favoritism.

The current board of the MRC is  
changing what is happening. Regular  
meetings, dues processed on time,  
coordinations will be completed  
within a month. The MRC will be  
using a program developed by the  
Wisconsin frequency coordinator  
called "CTK" (coordinators tool kit).  
We will be demonstrating it at the  
fall meeting, just plug in location  
and frequency range and out pops an  
answer.

Request for coordination updates are  
the means by which you the repeater  
owners use to renew your coordina-  
tion for another year, some haven't  
been returning forms, we will be  
taking action to cancel coordinations  
that haven't been renewed. Also,  
future frequency lists provided by  
the MRC will not show repeaters  
that are not members of the MRC,  
please join and pay your dues. We  
are also looking to implement more  
use of CTCSS on repeaters both  
input and output.

See you at the fall meeting October  
25th.

Steve KØFHC

# Minnesota Repeater Council

## Changes in Frequency Coordination

June 21, 2003

Minnesota Repeater Council (MRC) Chairman Steve Glatzel announced that the MRC board of directors will be assuming the duty of coordinator.

Paul Emeott has held the position of coordinator since 1989, when he took over the position. We thank Paul for the 14 years of service and wish him well.

Until a qualified replacement can be found, Coordination requests and updates may be sent to:

Jerry Dorf, N0FWG

Questions may be addressed to:

Steve Glatzel, K0FHC

In the near future we will be making more coordination forms and application status available at the MRC web page located at <http://www.mrc.gen.mn.us> this is part of a plan to make the MRC more customer friendly and responsive in the future.

The next meeting is planned for October 25, 2003 in St Paul MN. Location is still be being worked out. This is the same date as Hamfest Minnesota, so you can attend the show and then the MRC meeting later in the Day. The MRC meeting will be at a different location than the hamfest. Agenda includes the annual election of officers. The next formal newsletter will be published in mid September.

Jerry Dorf, N0FWG  
Secretary Treasurer  
Minnesota Repeater Council, Inc

### 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 - Treasurers Notes:

As I have done in the past, I will continue to ask for your cooperation in transacting normal business in advance of the business meeting. If you have any of the following types of business please plan ahead.

This helps keep the checkin process at the meeting moving smoothly.

1. 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!
2. Membership or contact information changes.
3. If your sending a delegate please fill out a proxy form. If it is not completed or on file your representative will not be allowed to vote on your behalf. If there is any questions again feel free to make contact in advance. If you send your proxy in, I can have it recorded on the checkin sheet.
4. If you have changed trustee's or contact info, please send a copy to the Secretary so that we do not have any problems with different sets of data.
5. Do not assume anything.. If there is a question ASK.

## Elections

At the fall meeting, as required by the Bylaws we will be holding the election of officers.

All of the incumbents are willing to serve another term.

## Misc Comments

Since the last meeting, there has not been alot of activity. I attended the NFCC meeting at the Dayton Hamvention last May. The big issue there is coordination and who is recongized on the East coast. In addition terrian and propogation models should be used to allow for frequency re-use as much as possible.

In July, wedSteve and I attended the Wisconson Association of Repeaters meeting. We have opened a good line of communications with them and hope for it to continue.

I will be working with Steve to esblish a new procedure and forms for coordination. We will be placing the forms, application status and a procedures on the web as soon as possible.

We will be asking for each repeater trustee/owner to cooperate with the next update request with as much information as possible. Please be accurate, if you make up data your hurting all of us. One major item will be your exact lat/lon location.

Jerry

# Coordination Report

Steve Glatzel has completed updating the MRC database with the responses from last fall. The following is a summary of the results:

UPDATES HAVE NOT BEEN RECEIVED FROM THE FOLLOWING AND ARE ELIGIBLE FOR DECORDINATION

FREQUENCY	CITY	LAST UPDATE	CALL
29.680	DULUTH	12/3/1995	KA0JZV
53.010	MINNEAPOLIS	9/28/1989	WE0H
53.130	DULUTH	8/19/1999	KB0QYC
53.130	HUGO	11/5/1996	KB0VAD
145.230	WILLMAR	12/13/1994	
146.640	HOYT LAKES	12/9/1995	N0OIW
146.655	LONG PRAIRIE	3/11/1998	N9DHW
146.760	LOMAN	1/8/1996	WJ0Y
146.700	FISHER	3/3/1996	KA0DTV
146.715	WASECA	12/24/1995	WA0CJV
146.730	BEMIDJI	12/3/1995	KA0KWM
146.745	ROCHESTER	-	W0EAS
146.880	EDEN PRAIRIE	12/9/1995	WA0VLL
146.940	WASECA	12/24/1995	WA0CJV
146.940	DULUTH	10/21/1995	W0GKP
146.985	INVERGROVE	11/28/1999	W00ND
147.000	MOOSE LAKE	3/9/1986	N0BNG
147.060	BARNSVILLE	11/24/1995	KC0SD
147.075	HILLS	1/11/1996	N0PKZ
147.270	LENGBY	12/3/1995	W00HUJ
147.375	DULUTH	12/4/1995	W00EAL
147.390	WALKER	12/9/1995	N0GNM
223.980	BURNSVILLE	12/3/1996	KB0BU
224.000	APPLE VALLEY	12/15/1997	N0DAI
224.200	BLOOMINGTON	12/15/1997	N0BUA
224.380	MINNEAPOLIS	3/27/2000	N0SVX
224.580	ST. PAUL	12/4/1995	WS0H
224.700	BLOOMINGTON	12/15/1997	KA0GXL
224.740	INT FALLS	3/17/1990	WV0D
442.000	ELKO	12/3/1996	WJ7X
442.300	WASECA	12/6/1995	WJ7X
442.400	BURNSVILLE	12/3/1996	WJ7X
443.050	WOODBURY	12/3/1996	KF0ZM
443.150	PROCTOR	12/11/1996	KA0JZV
443.300	MINNEAPOLIS	11/16/1995	N0NKI
443.350	AFTON	12/5/1995	N0ODO
443.350	CANYON	12/4/1995	KA0JZV
443.400	BLAINE	12/3/1996	KG0BP
443.500	AUSTIN	12/3/1994	N0RZO
443.750	WASECA	12/24/1995	WA0CJU
443.925	FALCON HGHTS	5/27/1996	KB0GGT
444.025	BEMIDJI	12/6/1995	N10K
444.075	CHANDLER	1/11/1996	N0PKZ
444.100	DULUTH	10/21/1995	W0GKP
444.125	BARNSVILLE	11/4/1990	KC0SD
444.200	HIBBING	11/14/1993	N0SDM
444.250	GRAND MARDI	11/27/2000	W0BBN
444.325	MINNEAPOLIS	12/17/2000	K9MK
444.475	RICHFIELD	12/9/1995	WD0HSD
444.500	LENGBY	12/6/1995	N10K
444.700	DULUTH	4/8/1995	N0BNG
444.775	EGAN	1/1/2001	KC0EDO
444.900	PARK RAPIDS	4/8/1995	KF0KP
444.975	WINONA	12/4/1995	WD0ELS

SURRENDERED BY THE TRUSTEE OF RECORD

145.270	CANYON
146.715	AITKIN
146.760	HOYT LAKES
146.760	NORTHOME
147.165	DULUTH
147.240	MORA
147.360	BENSON
224.740	INT FALLS
443.000	GHEEN HILL
444.800	WILLMAR
444.900	INT FALLS

VARIOUS LINKS HAVE ALSO BEEN RETURNED:

If your repeater or link is listed, please return your update to the Secretary as soon as possible so the records may be updated.

We believe the list to be accurate, however if you feel there is an error please contact us ASAP.

Future frequency lists supplied by the MRC will not list any records that have not been updated in the last 2 years.

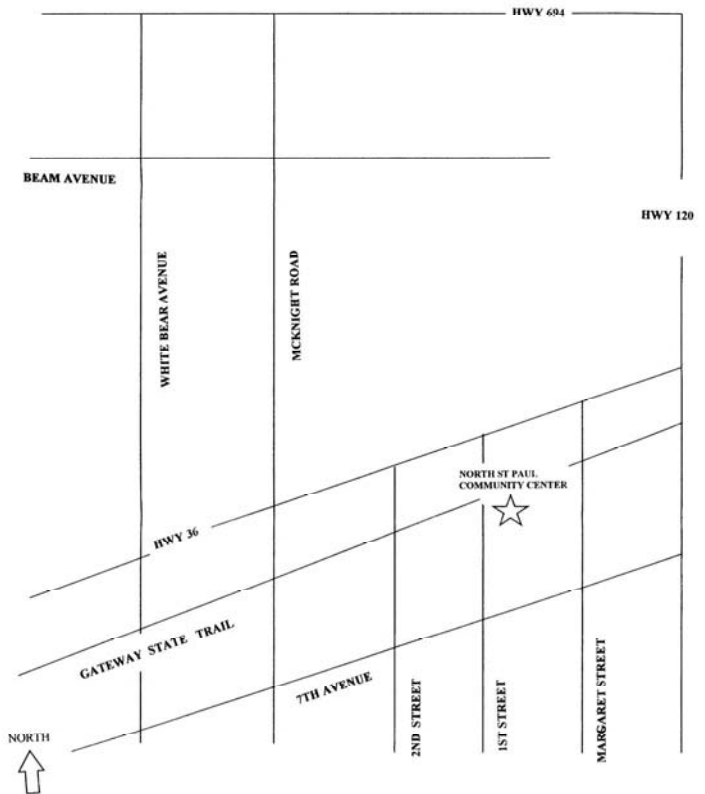
Also the bylaws allow for suspending any regular member for failing to return the update requests.

We have several coordination requests pending that will be processed within the next 30 days.

Thanks to Steve Glatzel for doing the updates.

Jerry Dorf, N0FWG MRC Sec-Treas

COMMUNITY CENTER 2290 1ST STREET NORTH ST PAUL 55109



LINK TRUSTEE'S THAT HAVE OUTSTANDING UPDATES:  
 KA0GXL W00ND WD0FSC KOHPY KC0SD K0RMR W0BU  
 KB0LBS NK0W WA0FSC WD0FSS N0KMR W0IHI

# **Preliminary Minutes of the Minnesota Repeater Council**

Spring meeting held On April 19, 2003  
Eagles Club In Litchfield, MN

Call to order by chairman Steve Glatzel, K0FHC at 3:05 PM

Arrangements for the location made by the Crow River Amateur Radio Club.

Introduction of officers made.

Quorum was met with 25 members present out of 96 members in good standing, 13 Metro 12 non-metro.

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

Reports presented to membership in the newsletter.

1 minor correction was noted.

A motion was made to accept, seconded and passed.

## **Frequency coordinator: Paul Emeott, K0LAV**

### **As of Jan 1, 2003**

Several new repeaters have been coordinated, all have asked for CTCSS input protection. 280 update requests have been mailed out, 133 returned. Thank Matt N0YNT for helping. Please return it soon, there is a requirement to maintain your voting MRC membership that you return the update once every 2 years. There is some problems working with the Wisconsin coordinator. It is possible to share repeaters closer than 120 miles with an agreement among the affected trustee's. There is only 10 characters for notes in the ARRL directory. 433 Mhz RF ID tags will become a problem. Repeater without a valid trustee is a problem, some update requests are coming back with contact of record being no longer involved with the repeater. Location information should be updated to include degree's minutes seconds. Concern with sharing records with secretary and coordinator was raised, we will work on getting updated on a more regular basis. 147.060 in Columbia Heights needs to be finished up, the Wisconsin coordinator has objected in writing, but has verbally approved. There is currently no one waiting for any 2 meter pairs in MN. Paul will work on getting a certified letter drafted for Lee Dougdale and the secretary or chair will sign it

**Technical Committee:** No issues that require attention at this time. Question was raised as to the job description of the Committee. It is the Technical and interference Committee. Columbia Heights issue is working itself out.

### **Introduction of members was made:**

#### **New Members:**

#### **Regular members:**

Alfred Belk, WA0YRI	David Cooper, KO0P	M Fritz Bertelt, W0KO
Douglas Nelson, AA0AW	Dan Gelle, KC0CAP	Greg Kitchsak, N0GEF

#### **Associate member:**

Greg Urban, KB4GQG

Motion was made to accept was made and seconded to accept all the members. Motion passed.

## **Old Business:**

Band plan Committee:

### **420-450 MHz**

Jay Maynard moved to approve proposals 1, 2, 4, 5, 6 as published in the Spring 2003 newsletter be adopted Seconded. Motion passed

### **900 MHz:**

Motion made to approve the band plan as published in the Spring 2003 newsletter. Seconded Motion passed.

## **User liaison:**

Tom Gagnon, KB0DCO was nominated seconded and voted into the user liaison position.

Bylaw change:

As published in the Spring 2003 newsletter and tabled from the Fall 2002 meeting and discussed on the internet mail list:

### ARTICLE X. QUORUM

**A quorum shall consist of twenty five (25) percent (%) of the “Active” Regular Members of record at the start of the meeting. Twenty five percent (25%) of the members present at a Council meeting must represent a coordinated repeater outside the Metro Zone. (The Metro Zone is defined as the following seven counties in Minnesota: Ramsey, Anoka, Hennepin, Dakota, Carver, Scott and Washington).**

Motion was passed

## **New Business:**

Proposal to suspend dues for 1 year due to a excessive balance in the checking account. The chair and secretary will be looking at budget and other factors including tax liability, state laws and future budgets etc Being we have been more active than in the past few years. Newsletters have been sent to all repeater trustees in the state to inform and attract new membership. Also the repeater list was never printed before. More research will be made before anything is done.

Motion made by Jerry Dorf, to donate \$100 to QSL.net for hosting the Internet mail list as was done last May. Seconded by several members. Motion passed

Email proxy will not be accepted, must be mailed, hand carried or faxed to the secretary.

Motion by Steve Glatzel to require all repeaters in the metro area to encode and decode CTCSS by June 1 2004, failure to achieve this will have protected area status to be reduced by 50%. Non metro area to encode and decode CTCSS by June 1, 2006 with the same penalty. Harrold Clough amended the motion to have the MRC recommend the use of CTCSS will not be required but highly encouraged. Motion was withdrawn the motion after a lengthy discussion.

It was suggested to establish an SNP pair on 900 MHz and 1200MHz

Fall Meeting location will be held in a metro location on October 25<sup>th</sup>, 2003 as to be on the same date as Hamfest Minnesota but at a different location.

Meeting Adjourned at 5:45 pm

Jerry Dorf, N0FWG  
Secretary Treasurer  
Minnesota Repeater Council, Inc

# Minnesota Repeater Council Checking Account

## Report as of September 12, 2003

Date	Type	Description	Debit	Credit	Balance	Comments
1/28/2003	DEP	MIKE SCHWENDEMAN		\$20.00	\$4,616.03	2005
2/24/2003	Dep	Dan Gelle		\$10.00	\$4,626.03	2003 Pending vote at Spring 2003
3/4/2003	2009	Eagles Club	\$50.00		\$4,576.03	Rental
3/12/2003	2010	Postmaster	\$60.00		\$4,516.03	Postage Newsletter
3/12/2003	2011	Kinkos	\$164.01		\$4,352.02	Print Newsletter
3/20/2003	DEP	Stillwater Amateur Radio Assoc		\$10.00	\$4,362.02	2004
		MARSHALL RADIO CLUB		\$15.00	\$4,377.02	2004
		Thomas Svihel		\$10.00	\$4,387.02	2003
3/23/2003	2012	Steve Glatzel / Kinkos	\$298.95		\$4,088.07	
3/26/2003	DEP	Jon Krizek		\$10.00	\$4,098.07	2003
		Doug Reed		\$10.00	\$4,108.07	2003
		MN Valley Repeater Assoc		\$10.00	\$4,118.07	2004
		Dean Boelter		\$10.00	\$4,128.07	2004
		Allen Hertzberg/ Paynesville ARA		\$20.00	\$4,148.07	2005
3/31/2003	DEP	Stephen Lynn		\$10.00	\$4,158.07	2004
4/18/2003	Dep	Lion Templin		\$10.00	\$4,168.07	2003
		Richard Donlon		\$30.00	\$4,198.07	
4/18/2003	DEP	Runestone Radio Club		\$10.00	\$4,208.07	2005
4/19/2003	2013	Eagles Club	\$124.00		\$4,084.07	Room & Refresments
4/19/2003	2014	QSL-Net	\$100.00		\$3,984.07	Donation
4/19/2003	2015	Paul Emeott	\$189.85		\$3,794.22	Co-ordination Expenses
4/21/2003	DEP	Reuben Ruen		\$10.00	\$3,804.22	2003
		PAUL HENRY		\$20.00	\$3,824.22	2006
		JOHN CZECH		\$10.00	\$3,834.22	2004
		DAVID HUSTON		\$10.00	\$3,844.22	2003
		TCFMC / HANS BRAKOB		\$10.00	\$3,854.22	2003
		ALAN KNUTSON		\$10.00	\$3,864.22	2003
		MATTHEW GENELIN		\$10.00	\$3,874.22	2003
		GREG KITCHAK		\$20.00	\$3,894.22	2004
		GREGORY URBAN		\$5.00	\$3,899.22	ASC 2003
		THOMAS GAGNON		\$10.00	\$3,909.22	LIA 2003
		RONALD KITTELSON		\$20.00	\$3,929.22	2005
		DAVID KLEINDL		\$10.00	\$3,939.22	2003
		MARA / PAUL EMEOTT		\$10.00	\$3,949.22	2003
		DONALD Huck		\$10.00	\$3,959.22	co-ordina
		Lee's Limo		\$100.00	\$4,059.22	donation
		Patrick Wilmers		\$20.00	\$4,079.22	co-ordina
		Willmer EAR / Peter Haugland		\$40.00	\$4,119.22	2007
		TCRC / IVAN FRANTZ		\$10.00	\$4,129.22	2003
		ELVIN SCHMIDT		\$20.00	\$4,149.22	2004
5/1/2003	DEP	Tom Sturm		\$10.00	\$4,159.22	2003
6/23/2003	DEP	ARRL		\$292.00	\$4,451.22	ARRL Repeater Data useage payment
7/7/2003	Dep	Arthur Carlson, WA0NJR		\$20.00	\$4,471.22	2005
7/14/2003	2016	Steve Glatzel	\$32.12		\$4,439.10	Travel Expense for WAR Meeting
		Steve Glatzel	\$92.57		\$4,346.53	File folders and boxes
7/31/2003	Dep	Arrowhead ARC/Jerry Frederick		\$20.00	\$4,366.53	Pending
		Jeremy Zachau		\$50.00	\$4,416.53	Dues to 2005
8/2/2003	DEP	Dan Swee		\$20.00	\$4,436.53	Dues to 2004
8/7/2003	2017	North St. Paul Community Center	\$115.00		\$4,321.53	Meeting Room
	2018	North St. Paul Community Center	\$75.00		\$4,246.53	Deposit

### 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: 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 Revised 12/2002 jkd

**Agenda**  
**Minnesota Repeater Council General meeting**  
**Fall 2003**

**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. Jerry Frederick, NØBNG Regular membership  
Arrowhead ARC. 146.94 NØGKP/R

**IV. Old business.**

- A. Review of tax & financial
- B. Band Plan review
- C. Other Old Business

**V. New business**

- A. Coordinator position
- B. Use of Coordinators Tool Kit
- C. Re-imburement of expenses (NFCC Dayton)
- D. 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.**

Thank You

**Secretary Treasurer**

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

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**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.**