

Minnesota Repeater Council



*Spring 2007
Newsletter*

Founding Member: National Frequency Coordination Council

MRC Officers:

Chair

Jay Maynard, K5ZC
1831 Oakwood Dr.
Fairmont MN 56031
jmaynard@conmicro.cx
507-235-6485
952-960-3600

Vice Chair

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

Secretary Treasurer

Jerry Dorf, NØFWG
1402 Pulaski Road
Buffalo MN 55313
jerryd@jerryd.net
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@arrl.net

The Spring MRC
Meeting will be
held

Saturday
April 28, 2007

Lakes Area
Recreation Center
Alexandria, MN 56308

720 Fillmore Street
Suite B020

Registration 12:00 PM
Call to order 1:00 PM

Lakes Area Recreation is located in the Douglas County Services Center located one block west of Broadway between 8th and 9th Avenue on Fillmore Street

Pizza & pop will be available , 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 can attend.

This can be another club member or any licensed amateur, it does not have to be a MRC member.

Chairmans Corner

I don't have a lot of wisdom to offer this time around. The biggest thing going on is the committee on D-Star coordination. Doug Reed, NONAS, and the rest of the committee have been working hard on determining how D-Star fits into our current coordination policies and band plans. It's beginning to come together, but there's a lot more work needed yet.

Things have been pretty quiet in the MRC, aside from that, the past several months. Thanks, everyone, for helping keep it that way.

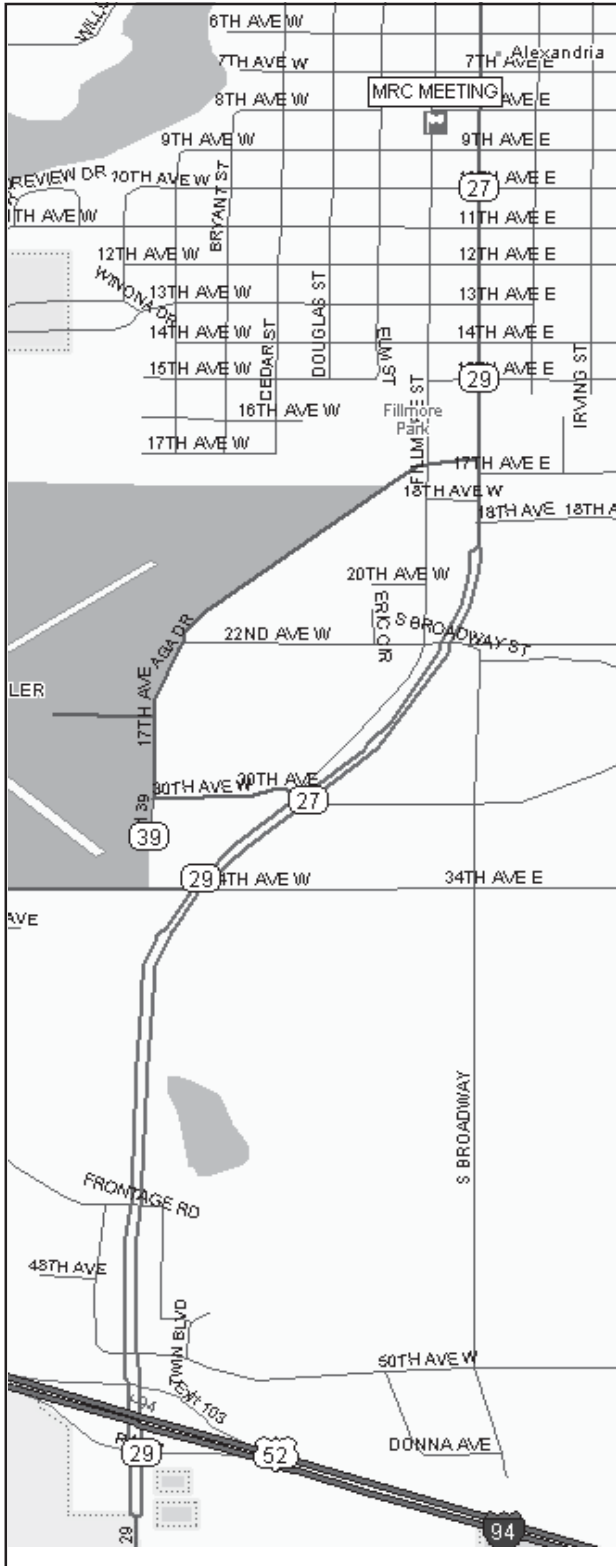
I hope to see everyone in Alexandria for the Spring Meeting.

Until then,thanks and

73...Jay

Directions

Take right off of 94 exit 103. Keep going north through town...you'll be on Broadway St. Turn left at 9th Avenue. (SUBWAY will be on corner) Take first right which is Fillmore St. Take first left into upper parking lot of LAKES AREA RECREATION and take a right down the to the lower level of the parking lot. Go through the door marked Library. Lakes Area Recreation is to the right down the hall, past the gymnasium.



Secretary, Treasurers & Coordinators Notes

Dstar: Eric Jacobson, N0SVX is the first coordinated DSTAR system in Minnesota operating on 443.450. He has asked about 1.2GHz pairs so we need to get working on the future policies of DSTAR and the 1.2Ghz band plan channel chart. Right now there are 3 known DSTAR systems purchased by individuals for use in Minnesota!

145.250 Has been return for re-assignment following the fall meeting. Individuals on the waiting list where notified, KA0SQO failed to respond to a normal letter and a certified letter was returned, and he has been removed from the waiting list. N0GEF is unable to use this pair at Crown due high level CATV interference. This frequency is used as a video carrier by normal cable TV systems and as such leakage makes it very noisy. There is also a possibility that it will get into the closed cable system. I have received 2 applications for this pair. Paul Emeott K0LAV has a auxiliary link for remote receive site coordinated for the input and has applied for this pair.

Fall updates went well, with no problems. Remember that you can make updates to your information at any time; it does not have to be in the fall updates window.

Repeater directory: Internet node ID's did not make it into the directory. The ARRL wants to list them separately within there own sections. It's possible that in the future there will be changes to the directory to allow this. I uploaded a file with comments indicating the node ID's and it was refused. Second file I submitted was accepted, however something at the ARRL system rounded off all the frequencies. Example 146.775 became 146.780. This occurred within the 48-hour proofing window, it also sounds like a number of other states experienced the same problem.

We still have a large number of systems that have not updated their locations to include lat/lon info down to the seconds. I question how accurate some these are due to the age of the data.. The exact site details and site coordinates are not shared with anyone not directly evolved with coordination. If you chose not to provide details for your existing coordination's do not complain if a new system is placed on the air conflicting with your existing repeater.

If you plan on moving your system, please check your proposed location with me in advance of your move. Best example of this is NONKI decided to move his 443.300 repeater approximately 4 miles to a new location and inform me via the annual update that the move occurred. This move was greater than the 2 miles allowed under the coordination policy. Being the existing coordination did not have full details on file its much more difficult to establish the parameters for the move. This system is now technically de-coordinated biased on the move. I have sent out a application form that has not been returned. This move places his system closer to a Wisconsin repeater so I discussed this move with the WAR coordinator who is willing to work out an agreement provided I get accurate details. Moving a system and then asking for forgiveness afterwards is not acceptable.

I have been asked about coordinating a number of UHF pairs for a full duplex linked repeater system from the metro area to western Minnesota for use by skywarn. My initial comments are it is a closed system using 8+ repeater pairs along with several sites operating non standard reverse splits from the norm all using a common CTCSS tone, Each site would have 2 repeaters on it, using combiners along with a single omni-directional antenna. Right now MN does not have provisions for full duplex voice links within the band plan. Also these sites would not be using directional antennas. I welcome comments on this system! So far no formal application has been received.

In February approximately 10 systems have been mailed another update request since they have not updated since 2004, 6 to systems listed as temporarily off the air or under construction that were older than 6 months. 2 certified letters were mailed to systems older than 2003.

Secretaries Notes.

When sending in dues payments, please include a membership application form with your check so I know who or what group's membership is to be credited

Due to the short setup and registration time available at the spring meeting, please plan ahead; mail your dues payments and proxy statements as to speed up the process.

73's Jerry

Outstanding update requests

HUGO	KB0VAD	53.1300	11-Nov-03
HUGO	K0RMR	445.xxxx	11-Nov-03
GEM LAKE	K0RMR	445.xxxx	11-Nov-03
HUGO	K0RMR	445.xxxx	11-Nov-03
ESKO	N0NXA	442.6000	30-Nov-03
FISHER	KA0DTV	146.7000	16-Jan-04
WOODBURY	KF0ZM	443.0500	01-Feb-04
EDINA	WD0FSC	444.2000	14-Feb-04
WASECA	W9ALD	443.8250	25-Aug-04
NORTHFIELD	W0IHI	449.8500	27-Aug-04
NORTHFIELD	W0IHI	449.2500	27-Aug-04
NORTHFIELD	WA0Y CZ	444.8500	27-Aug-04
MAHTOWA	N0BNG	147.0000	02-Oct-04
DULUTH	W0GKP	444.1000	02-Oct-04
DULUTH	W0GKP	146.9400	02-Oct-04
MINNEAPOLIS	N0NKI	443.3000	09-Oct-04

New Coordinations

DETROIT LAKES	N0IZZ	146.7750	
TODD CHAMPION			17-Jan-07
STATEWIDE	KB0UPJ	444.325	
JEREMY ROGNESS			02-Feb-07 (snp)

Pending

Bloomington Erik Jacobson	N0SVX	145.230	
Bloomington Erik Jacobson	N0SVX	1286.000	
Sebeka Robert Feuer	N0WN	147.330	(Move system)

Waiting List

Greg Kitchak	N0GEF	2-meters	Crown
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Minutes of the Minnesota Repeater Council

Fall meeting held On October 14, 2006
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 85 members in good standing on the roster, 32 in attendance, 12 non-metro at the start of the meeting.

Chairman's Report: Things running smoothly.

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

Reports presented to membership in the newsletter & handout. Everything is moving along smoothly. Looking at a large number of systems that have not filed a update since 2004, so there may be a large number of second notices going out this fall.

Technical Committee: Seeking volunteers: should have access to test equipment, able to communicate verbally and in writing, been a member of the MRC for 2+ years along with demonstrating good technical skills and abilities. Contact a MRC officer if interested.

User Liaison: Seeking applicants for the user liaison, contact a MRC officer

New Members:

William Fisher, N0OTL	Northfield, MN	Regular
Kevin Magloughlin, KA0JQO	Mountsville PA	Regular
Dick Neish, W0SIR	Chester, SD	Associate (South Dakota Coordinator)

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

Old Business:

900 & 1.2Ghz channelized band plan. Doug Reed, N0NAS will work before the next meeting.

IRLP & Echolink: Coordinator will attempt to publish in the upcoming ARRL Repeater Directory.

Old coordination's: Kevin Magloughlin has been in communications with the MRC to update his listings, 2 are OTA.

New Business:

Web Hosting: The MRC webpage has been moved to Pair.net We also registered the mnrepeaters.org domain at the same time.

Motion made to make a \$100 donation to QSL.net for hosting the MRC email reflector, motion seconded and passed.

ICOM DSTAR

Discussion on the ICOM DSTAR Digital radios resulted in the forming of a working committee to investigate and make recommendations on this new technology as it relates to the MRC coordination policies

Committee volunteers: David Kleindl N0KP, Eric Osterberg N0NKI, Reuben Ruen WB0BWL, Doug Reed N0NAS, Jay Maynard K5ZC, Don Rice N0BVE and Matt Genelin N0YNT.

David Kleindl brought up the FCC has proposed changes to part 97 may be forthcoming and the coordinator should look at how the changes may affect the coordination policy and technical standards..

Changes to coordination procedures and Policies: Sean N0PBA discussed at the spring meeting coming up with a proposal to use prorogation studies and other RF survey tools to do new coordination's. He has not come up with anything at this time.

Spring Meeting: Non-Metro location. No offers where heard to host the spring meeting.

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

Elections:

Nominations where opened, then closed.

Election for chairman was made by secret ballot.

Election results are as follows:

Office	Candidate	Votes received
Chairman:	Jay Maynard, K5ZC	29
	Matt Genelin, N0YNT	3
Vice Chairman	Steve Glatzel, K0FHC	No other candidates
Sec-Treas	Jerry Dorf, N0FWG	No other candidates

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

Motion to adjourn

Meeting Adjourned at 3:25 PM

Jerry Dorf, N0FWG

Secretary Treasurer

Minnesota Repeater Council, Inc

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!

Minnesota Repeater Council Checking Account

Report as of Feb 26, 2007

Date	Type	Description	Debit	Credit	Balance	Comments
6/27/2006	DEP	ADRIAN R HAABALA		\$20.00	\$4,229.71	Dues 2007
7/6/2006	DEP	DAVID FISHER		\$20.00	\$4,249.71	Dues 2007
7/22/2006	2061	Postmaster	\$117.00		\$4,132.71	Stamps Newsletter & fall update
7/22/2006	2062	Jerry Dorf	\$90.74		\$4,041.97	Re-imb Pair.com hosting web 1 year
	2062		\$40.00		\$4,001.97	Re-imb Pair NIC mnrepeater 4 years
	2062		\$24.84		\$3,977.13	Re-imb Pair.com host 1 year
7/23/2006	2063	Office Depot	\$6.17		\$3,970.96	Envelopes
8/12/2006	DEP	Jerry Dorf/ Robinsdale ARC		\$20.00	\$3,990.96	Dues 2008
8/18/2006	2064	Custom Business Forms	\$95.85		\$3,895.11	Print Newsletter
9/6/2006	DEP	Brainerd ARC/ M. Fritz Berteut		\$50.00	\$3,945.11	Dues 2010
	DEP	JOHN SWANSON		\$10.00	\$3,955.11	Dues 2006
	DEP	MARSHALL RADIO CLUB		\$10.00	\$3,965.11	Dues 2007
	DEP	RICHARD BRUNDIDGE		\$20.00	\$3,985.11	Dues 2013
	DEP	WILLIAM FISCHER		\$10.00	\$3,995.11	Dues 2007
	DEP	KEVIN MAGLOUGHLIN		\$10.00	\$4,005.11	Dues 2006
9/9/2006	DEP	Sheldon Mann/David Schultz		\$20.00	\$4,025.11	Dues 2008
	Dep	Jeff Clarine		\$10.00	\$4,035.11	Dues 2007
10/2/2006	DEP	Steve Csizmadia		\$10.00	\$4,045.11	DUES 2007
	DEP	Austin Area ARC		\$10.00	\$4,055.11	DUES 2007
	DEP	Paul Germscheid		\$10.00	\$4,065.11	DUES 2006
10/10/2006	DEP	DAVID KLEINDL		\$10.00	\$4,075.11	DUES 2009
10/16/2006	DEP	Dick Neish		\$15.00	\$4,090.11	newsletter
	Dep	ED JACOBSON		\$20.00	\$4,110.11	Dues 2007
	Dep	DON RICE		\$20.00	\$4,130.11	Dues 2007
	Dep	DOUG REED		\$20.00	\$4,150.11	Dues 2007
	Dep	PAUL HOLM		\$10.00	\$4,160.11	Dues 2007
	Dep	PAUL EMEOTT		\$20.00	\$4,180.11	Dues 2007
	Dep	PAUL HENRY		\$10.00	\$4,190.11	Dues 2007
	Dep	ALAN KNUTSON		\$30.00	\$4,220.11	Dues 2008
	Dep	TOM CARLSON/ SMARTS		\$10.00	\$4,230.11	Dues 2008
	Dep	REUBEN RUEN		\$10.00	\$4,240.11	Dues 2007
	Dep	Robert Kaliszewski		\$20.00	\$4,260.11	Dues 2009
	Dep	Pizza Donation		\$190.25	\$4,450.36	
10/14/2006	2065	Dominos Piza	\$210.00		\$4,240.36	Pizza for meeting
10/14/2006	2066	Steve Glatzel	\$96.67		\$4,143.69	Pop & Ice & Tubs for same
10/14/2006	2067	QSL Net	\$100.00		\$4,043.69	Mailing list Donation
10/19/2006	DEP	Keith Mobarry		\$20.00	\$4,063.69	DUES 2008
	DEP	Skip Jackson		\$5.00	\$4,068.69	Dues 2007
	Dep	Runestone Radio Club		\$10.00	\$4,078.69	Dues 2007
11/9/2006	Dep	DOUGLAS NELSON		\$20.00	\$4,098.69	DUES 2008
11/13/2006	2068	Postmaster	\$39.00		\$4,059.69	Postage
11/15/2006	2069	Postmaster	\$4.64		\$4,055.05	Certified letter for waiting list
2/1/2007	2070	Lakes Area Recreation Center	\$63.90		\$3,991.15	Room rental
2/6/2007	DEP	St. Cloud Radio Club /Art Carlson		\$10.00	\$4,001.15	Dues 2007
2/17/2007	2071	Postmaster	\$39.00		\$3,972.15	Postage

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/mailling 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

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
jerryd@jerryd.net

of years Paid: _____

Total Amount: _____

Check #: _____

Name on Check: _____

Other Info: _____

Membership Approval Granted: _____ Date: _____

Dues Paid for: 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

Revised 02/2007 jkd

Agenda
Minnesota Repeater Council General meeting
Spring 2007

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

IV. Applications for membership

V. Old business.

- A. Channelized 900MHz & 1.2G band plan chart
- B. IRLP Echolink Node ID's in Repeater Directory
- C. Technical Committee changes
- D. DSTAR Committee report
- E. MRC policy review vs Part 97 revisions

VI. New business

- A. Repeater De-cordinations
- B.
- C.

VII. Fall Meeting, Metro location

VIII. Adjournment

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.