



Minnesota Repeater Council

Spring 2011 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

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

Alan Knutson, WBØZKB

User Liaison

Lion Templin, KB9ENE

THE SPRING MRC MEETING

Will be held

Saturday

April 9, 2011

at the

Owatonna Fire Station

107 West Main Street

Owatonna MN 55060

3rd Floor

Registration at 12:00 Noon

Call to order at 1:00PM

Directions and parking
info is located on page 2

NO Refreshments will be
provided so plan accordingly.

If you have questions regarding
your repeater coordination or
membership please email or ask
before the meeting date!

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.

PROXY YOUR VOTE & ATTENDANCE!

At the fall 2010 meeting we had a
shortage of non metro members
represented As a result we almost did
not have a quorum to conduct
business and elections!

A proxy form is provided on the back
of this newsletter, you can restrict the
proxy to any number of conditions.
You could even mark it for attendance
only at one meeting and leave the
name open. At that point it would be
assigned to a random member for
attendance.

The bylaws

ARTICLE IV. PROXY VOTING

A Regular member, who is the person
holding the frequency coordination
for a MRC coordinated repeater
system, can attend a council meeting
and vote on all matters before the
council.

If the regular member is not able to
attend a meeting, he/she may appoint
an alternate delegate who may speak
and/or vote the one vote held on
behalf of the regular member at the
next meeting. A written proxy voting
form, which will be attached to each
meeting notice, must be completed
and signed by the regular member to
identify the appointed delegate(s) to
this meeting.

A delegate, voting with a proxy, shall
represent no more than two (2) regular
members.

(continued page 3)

Contacting the MRC Secretary & Coordinator!

From: <http://www.oscarmn.org/FireStationMap.html>

The Owatonna Fire Station is located at 107 W. Main Street in downtown Owatonna. From I-35:

- * Exit at Bridge Street (Exit 41).
- * Bridge Street East to the 3rd traffic light (Oak Street). Bridge Street becomes Main Street at Oak Street.
- * Continue East on Main Street. Use the public parking lot on the right (south) side of Main Street after the State Farm Insurance offices.
- * The Fire Station is a very brief walk from the public parking lot. Continue East on Main Street to the next traffic light and use the main door on Main Street.

Parking along Cedar Ave on the East side of the Fire Station is reserved for Fire Department personnel. Please do not park in these areas.

Meeting location has been arranged by Tom Karnauskas NOUW & OSCAR (Owatonna Steele County Amateur Radio)

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 2009 is paid up till Dec 31, 2009

Membership types listed on the envelope

REG	Regular member	ASC	Associate member
NL	Newsletter only	SPL	Special / comp
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.

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://eight.pairlist.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 & Coordinators Notes

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 (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).

If a quorum is present when a duly called or held meeting is convened, the Members present may continue to transact business until adjournment even though the withdrawal of Members originally present leaves less than the proportion otherwise required for a quorum

Since the last meeting and newsletter things have been busy with multiple things going on.

This year it seems that my time is spent either clearing off the driveway every other day or dealing with issues occurring within the Robbinsdale Amateur Radio Club. I still chair the Midwinter Madness hamfest. RARC has been informed that the city wants the space currently occupied by the club back this has also occupied my time.

The waiting list has been reduced significantly, thanks to Alan Knutson allowing me to proceed with coordinating other systems. We currently have 2 left on the waiting list, both in the metro area. Unless some other groups allow close space agreements the metro area will remain tough to find pairs. Part of the challenge is back in the 80's separation was 100 miles at that time demand for 2 meter pairs was high so it got filled in.

Anoka ARES received the 145.410 pair for DSTAR in Moundsvew. It was offset as per MRC policy to 145.405 as to allow possible use of 145.415. WAR (Wisconsin Association of Repeaters) has reported that 2 DSTAR repeaters located within 30 miles of each other have had issues with the plan. No definite technical data has been made available at this time. DSTAR radios while having a narrowband transmit emission may still have a wideband receiver. No research data exists on how close we may place 2 DSTAR systems operating 10KHz apart. Current DSTAR demand has been in the metro area where closer than 30-mile separation will occur.

Policy wise I have not documented any use of Radio Mobile as at this time none of the coordination activity required using it. I feel that on 2 meters it is not feasible to even consider putting medium to high elevation co-channel repeaters closer than 90 miles. Most of the metro region falls into this category. Coverage did play a part in assigning 145.470 to the Maple Lake system as the co-channel system in Wisconsin has a high HAAT with potential coverage into the east central river basin. Previously I had considered this pair for Crown.

Submission of data to the ARRL for the 2011/2012 Repeater Directory has been made. With the new ARRL webpage launched last year, the old restricted access coordinator database was removed. The new database page came live about 6 weeks prior to the submission deadline. The arrl staff completes the batch import 3-5 days prior to the deadline, we had difficulties with the new format. A second import of our data was needed to resolve major geographical errors. The other option is to manually enter the data for each system as it gets changed or updated. With close to 300 records this would labor intensive! Also with the new submission page we no longer have the ability to insert custom text in the comment field, its all checkboxes for each feature. They also have format checking to insure rule compliance for each field. We can no longer insert echolink or IRLP notes or comments.

The IRS form 990-N e-postcard has been filed and accepted.

At the spring meeting I will have a financial statement showing income and expenses for the last year.

We recognize that our spring date conflicts with the skywarn workshop. We also recognize the importance of the skywarn program and its relationship to the MRC. It is impossible to find a date that pleases everyone with facility schedules, holiday schedules, HF contests, family events, personal events, hamfests in the area, Dayton etc. It comes down to pick a date that works for a majority and go with it.

73's Jerry Dorf, N0FWG

**Minutes of the
Minnesota Repeater Council**
Fall meeting held On October 2, 2010
Bloomington Fire Department, Bloomington MN

Call to order by Chairman Jay Maynard at 12:10PM
Introduction of officers made.

Quorum was met with a total of 70 members in good standing on the roster, 23 in attendance in person or by proxy out of those 16 actually present of which 4 are non-metro at the start of the meeting.

Chairman's Report: Jay Maynard K5ZC
NFCC is not active again.

Secretary & Treasurer's report: Jerry Dorf N0FWG
Reports presented to membership in the newsletter, and handout.
Motion to accept minutes as published in the fall newsletter, seconded motion passed.

Frequency coordinator: Jerry Dorf N0FWG
Reports presented to membership in the newsletter, and handout.

Technical Committee: Alan Knutson
Nothing to report

New Members:
Robert Scanlon, W9RJS, Associate
Tom Karnauskas, N0UW
Pat Tice, WA0TDA Regular 145.230 Maple Lake
Matt Arthur, KA0PQW 442.925 Lonsdale
Motion to approve, seconded motion passed

Old Business:

Coordination Policy Committee: Review of past meeting minutes has been made to incorporate into the new policy per the motion made at the Fall 2009.

One item in dispute is restrictions placed on the SNP pairs at the Spring 2004 meeting.

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 made to incorporate the following restrictions on the SNP pairs as previously listed. Motion was made to amend the motion to include not allowing Internet linking on the SNP pairs. Seconded, motion failed.

Ben Franske will finalize the new coordination document

900 MHz bandplan: As adopted at the Spring 2010 meeting final vote to occur at the fall meeting. Motion made to adopt, seconded. Motion passed.

Dan Karg prepared documentation on parameters of Radio Mobile, this could be included as a technical supplement in or to the coordination policy.

De-coordination of repeaters: List published in the handout. Those repeaters are now de-coordinated.

No Trustees were present that wish to appeal any de-coordination s.

New Business:

Due to the close call of lack of a quorum of non-metro members, a discussion of changing the bylaws occurred. Non-Metro members should be encouraged to send a proxy to someone who will attend meetings.

Spring Meeting: Non Metro location, board will find a location possible locations include Marshal or Fairmount.

Motion made to make a \$75 donation to the Bloomington Fire dept or a organization supporting them for use of the conference room.

Election of officers: Motions where made for each office and closed. Being only one nomination occurred for each office those nominations are accepted for the office.

Chair: Jay Manyard K5ZC, Vice Chair: Greg Kitchak, N0GEF Secretary-Treasurer: Jerry Dorf, N0FWG

Appointments: Lion Templin KB9ENE as User liaison, Alan Knuston WB0ZKB and Jerry Dorf as Frequency Coordinator.

Meeting Adjourned at 1:25PM

Jerry Dorf, N0FWG
Secretary Treasurer
Minnesota Repeater Council, Inc

New Coordinations

Location	Call	OUT	Sponser	SPONSABREV	AREA	CORDATE	USE	STATUS
WANDA MN	KD0IAI	444.0250	REDWOOD AREA AMATEUR RADIO ASC	RAARA	SW	2/9/2011	RO	CNST
DEER RIVER	KD0JFI	146.6250	LARRY C SCHAAR	KD0JFI	NE	2/8/2011	RO	CNST
CROMWELL	N0GGF	146.9100	GEORGE G FISHER SR	N0GGF	NE	2/2/2011	RO	CNST
COLUMBIA HTS	N0FKM	444.5500	DAN SWEE	N0FKM	MET	1/22/2011	RO	OTA
AURORA	N0BZZ	147.2400	RANDY HAGLIN	N0BZZ	NE	1/10/2011	RO	OTA
CARLTON	KC0RTX	146.7900	RANDY SCOTT	KC0RTX	EC	1/10/2011	RO	CNST
MAPLE LAKE	W0EQO	145.4700	HANDIHAM RADIO CLUB	HANDIHAM	CEN	1/10/2011	RO	CNST
MOUNDSVIEW	W0ANA	145.4050	ANKOA COUNTY EM ARES	AKNOA ARE	MET	1/10/2011	RO	CNST
WYOMING	N0VOW	146.8950	BRUCE WILLIAMS	N0VOW	CEN	1/10/2011	RO	CNST
DULUTH	KC0RTX	444.2000	RANDY SCOTT	KC0RTX	DUL	11/30/2010	RO	CNST
DULUTH	KC0RTX	145.4500	RANDY SCOTT	KC0RTX	DUL	11/30/2010	RO	OTA
ELY	N0OIW	146.6400	LAKE SUPERIOR AMATEUR COLLATIO	LSAC	NE	11/30/2010	RO	OTA
MOUNDSVIEW	W0ANA	443.7750	ANKOA COUNTY EM ARES	AKNOA ARE	MET	11/30/2010	RO	OTA
MOUNDSVIEW	W0ANA	1287.0000	ANKOA COUNTY EM ARES	AKNOA ARE	MET	11/30/2010	RO	OTA
TWO HARBORS	KC0RTX	147.1350	RANDY SCOTT	KC0RTX	NE	11/30/2010	RO	CNST
ARDEN HILLS	KA0PQW	223.9400	MATTHEW D ARTHUR	HANDIHAMS	MET	10/2/2010	RO	OTA
ARDEN HILLS	N9QIP	442.0750	Len Kreyer	W.I.N.	MET	10/2/2010	RO	OTA
ARDEN HILLS	N9QIP	Link	Len Kreyer	W.I.N.	MET	10/2/2010	AL	OTA
ST CLOUD	W0SV	442.2250	WA0NJR	STCLDARC	CEN	8/9/2010	RO	OTA
CROWN	N0GEF	145.2100	Greg Kitchek	NOGEF	CEN	8/1/2010	RO	OTA

Minnesota Repeater Council Checking Account

Feb 19, 2011

Date	Type	Description	Debit	Credit	Balance	Comments
7/20/2010	DEP	Doug Nelson		\$30.00	\$5,600.16	Reg Dues 2012
7/24/2010	DEP	ROBERT SCANLON		\$20.00	\$5,620.16	ASC DUES 2013
7/29/2010	2109	Anchor Paper Company	\$28.15		\$5,592.01	Paper/envelopes
7/29/2010	2110	Postmaster	\$132.00		\$5,460.01	Postage Fall mailings
8/2/2010	2111	Pair Networks	\$120.89		\$5,339.12	Web hosting
8/10/2010	DEP	Art Carlson /ST Cloud ARC		\$60.00	\$5,399.12	Reg dues 2020
8/17/2010	DEP	BRUCE WILLIAMS		\$10.00	\$5,409.12	REG DUES 2010
8/23/2010	DEP	Jeffery N Clarine		\$10.00	\$5,419.12	REG DUES 2011
	DEP	Ben Franske		\$10.00	\$5,429.12	REG DUES 2011
	DEP	Tomas Svihel		\$10.00	\$5,439.12	REG DUES 2010
	DEP	STEVE CSIZMADIA		\$10.00	\$5,449.12	REG DUES 2010
	DEP	TOM KARNAUSKAS		\$30.00	\$5,479.12	REG DUES 2012
8/31/2010	DEP	KEVIN MAGLOUGHLIN		\$10.00	\$5,489.12	REG DUES 2011
		Richard Auld/TCFMC		\$50.00	\$5,539.12	REG DUES 2014
9/13/2010	DEP	DAVID FISHER		\$10.00	\$5,549.12	Reg Dues 2011
9/18/2010	DEP	Don Hengemuehle		\$10.00	\$5,559.12	Reg Dues 2013
10/4/2010	DEP	PATRICK TICE		\$10.00	\$5,569.12	REG DUES 2010
	DEP	Thomas Carlson/SMARTS		\$10.00	\$5,579.12	REG DUES 2011
	DEP	DOUG REED		\$20.00	\$5,599.12	REG DUES 2011
	DEP	MATT ARTHUR		\$10.00	\$5,609.12	REG DUES 2010
10/12/2010	DEP	Norman D Yeautter		\$10.00	\$5,619.12	Reg Dues 2011
11/2/2010	DEP	CHARLE ESCH		\$20.00	\$5,639.12	Reg Dues 2014
11/13/2010	DEP	Jerry Dorf / Robbinsdale ARC		\$20.00	\$5,659.12	Reg Dues 2012
12/13/2010	Dep	Randy Haglin		\$35.00	\$5,694.12	Reg Dues 2013
12/22/2010	Dep	Ross Demeyere		\$50.00	\$5,744.12	Reg Dues 2015
1/6/2011	DEP	Mary Nystrom/Austin ARC		\$10.00	\$5,754.12	Reg Dues 2011
1/25/2011	DEP	ERIK BROM		\$10.00	\$5,764.12	Reg Dues 2011
2/7/2011	2112	Postmaster	\$44.00		\$5,720.12	Spring 2011 Newsletter
2/9/2011	2113	Anchor Paper Company	\$28.81		\$5,691.31	Paper/envelopes

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.

Waiting list

Name	Call	Group	Band	Use	Location	Date
Alan Knutson	WB0ZKB		2M	DSTAR	Chaska/West	04/28/07
Paul Emeott	KOLAV		2M	FM	Gem Lake	10/19/09

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
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 Fax available upon req
jerryd@jerryd.net

of years Paid: _____

Total Amount: _____

Check #: _____

Name on Check: _____

Other Info: _____

Membership Approval Granted: _____ Date: _____

Dues Paid for: 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026

Agenda
Minnesota Repeater Council General meeting
Spring 2011

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
- C. Frequency coordinators report
- D. Technical Committee

III Individual Announcements

- A.

IV. Applications for membership

- A. Erik Brom WB0NIU REG
146.640 Winona ARC W0NE

V. Old business.

- A. Coordination Policy Committee
- B.
- C.
- D.

VI. New business

- A.
- B.

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 of 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.