

O.A.R.C. News - March, 2003 Newsletter

Ohio Area Repeater Council, Inc.

Pat Hays, N8OOB, Secretary, PO Box 329, Greenfield, OH 45123-0329

A Member of The Mid-America Coordination Council/NFCC Certified

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Forms and O.A.R.C. Information

Visit the O.A.R.C. Web site at www.oarc.com to look up a coordinated repeater, download forms, get O.A.R.C. News, Constitution and other information. Send e-mail to mail@oarc.com

Membership Notice

Read now. Do not set this newsletter aside.

As soon as you open it, read the following and please exercise your vote. It is time to elect an O.A.R.C. Director - see Page 5.

The next meeting will be held on Saturday, April 12 at 9:30 A.M. The location will be Universal Radio, Inc., in Reynoldsburg, OH. See the map on Page 3.

Vote and return the enclosed ballot to the OARC Secretary; it must be received before April 12.

Ohio Are Repeater Council, Inc.
Annual Meeting Minutes
April 13, 2001

New 900 MHz Band Plan for Ohio
Tom Swisher, WA8PYR

The meeting was called to order at 9:36 AM by Walt Vogel.

Approval was given to the minutes of the April 12, 2001 meeting.

Pat Hays, Treasurer, presented the annual report of finances for the Council for the fiscal year. Receipts totaled \$3,867.57, expenses \$2,259.21, and treasury balance \$6,358.51. Upon motion duly made and seconded, the report was accepted and approved by unanimous vote.

Ken Bird, Coordination Chairman presented his report. There are currently 741 coordinated repeaters. 511 SOR's were returned for 2001 with 423 paying dues. 21 repeaters are in hold, 8 are in test, and there were 4 terminations.

There was no old business.

New Business: Cliff Bade and Doug Bade gave a general overview of a proposed 900 MHz band plan. The issue will be discussed at the board meeting.

Upon motion duly made and seconded, it was unanimously voted to again offer the Repeater directories this year at the Dayton Hamvention free of charge.

Upon motion duly made and seconded, Fred Vobbe was unanimously elected as Director for a term of 5 years.

The meeting adjourned at 10 AM.

Respectfully submitted,

Patrick L. Hays, Secretary

Coordination Chairman's Comments

Ken Bird, W8SMK

Hello, again, from the Coordination Chairman's office. Much like last year, we continue to process paperwork on a daily basis, and handle most communication with repeater Trustees via E-Mail. When you file anything with O.A.R.C. it sure helps expedite any action if you do include your E-Mail address (it will NOT be shared with others).

I would like to report to you that we currently have 754 coordinated repeaters. Of these, 490 have returned a 2002 Statement of Record, and 396 have paid 2003 (or better) dues. This is about the same as last year.

As usual, we will publish our own 2003 Repeater Directory this year, just before the Dayton Hamvention, at which copies will be available.

Let's work to make 2003 the best year yet for Ohio and the OARC.

At the 2002 meeting, the OARC Board adopted a new 900 MHz band plan for Ohio. This plan is essentially identical to one now in use in several other states, and is intended to minimize interference to amateur repeaters by Part 15 devices such as cordless telephones and ISM devices, which are mostly located around the center of the 902-928 MHz band. An interesting side effect resulting from the change is that it is much easier to modify commercial 900 MHz equipment for the new band plan than the old.

Repeater Pairs (25 MHz Duplex)

| | <u>Rpt RX</u> | <u>Rpt TX</u> |
|----|---------------|---------------|
| 1 | 902.4875 | 927.4875 |
| 2 | 902.5000 | 927.5000 |
| 3 | 902.5125 | 927.5125 |
| 4 | 902.5250 | 927.5250 |
| 5 | 902.5375 | 927.5375 |
| 6 | 902.5500 | 927.5500 |
| 7 | 902.5625 | 927.5625 |
| 8 | 902.5750 | 927.5750 |
| 9 | 902.5875 | 927.5875 |
| 10 | 902.6000 | 927.6000 |
| 11 | 902.6125 | 927.6125 |
| 12 | 902.6250 | 927.6250 |
| 13 | 902.6375 | 927.6375 |
| 14 | 902.6500 | 927.6500 |
| 15 | 902.6625 | 927.6625 |
| 16 | 902.6750 | 927.6750 |
| 17 | 902.6875 | 927.6875 |
| 18 | 902.7000 | 927.7000 |
| 19 | 902.7125 | 927.7125 |
| 20 | 902.7250 | 927.7250 |

Simplex Link Frequencies

| <u>Polarization</u> | <u>Frequency</u> |
|---------------------|------------------|
| 1 (Vertical) | 927.0125 |
| 2 (Horizontal) | 927.0250 |
| 3 (Vertical) | 927.0375 |
| 4 (Horizontal) | 927.0500 |
| 5 (Vertical) | 927.0625 |
| 6 (Horizontal) | 927.0750 |
| 7 (Vertical) | 927.0875 |
| 8 (Horizontal) | 927.1000 |
| 9 (Vertical) | 927.1125 |
| 10 (Horizontal) | 927.1250 |
| 11 (Vertical) | 927.1375 |
| 12 (Horizontal) | 927.1500 |
| 13 (Vertical) | 927.1625 |
| 14 (Horizontal) | 927.1750 |
| 15 (Vertical) | 927.1875 |
| 16 (Horizontal) | 927.2000 |
| 17 (Vertical) | 927.8000 |
| 18 (Horizontal) | 927.8125 |

| | |
|-----------------|----------|
| 19 (Vertical) | 927.8250 |
| 20 (Horizontal) | 927.8375 |
| 21 (Vertical) | 927.8500 |
| 22 (Horizontal) | 927.8625 |
| 23 (Vertical) | 927.8750 |
| 24 (Horizontal) | 927.8875 |
| 25 (Vertical) | 927.9000 |
| 26 (Horizontal) | 927.9125 |
| 27 (Vertical) | 927.9250 |
| 27 (Horizontal) | 927.9375 |
| 29 (Vertical) | 927.9500 |
| 30 (Horizontal) | 927.9625 |
| 31 (Vertical) | 927.9750 |
| 32 (Horizontal) | 927.9875 |

Simplex/Calling Frequencies

| Use | Frequency |
|-----------|--------------------|
| Simplex 1 | 927.7375 |
| Simplex 2 | 927.7500 (Calling) |
| Simplex 3 | 927.7625 |
| Simplex 4 | 927.7750 |
| Simplex 5 | 927.7875 |

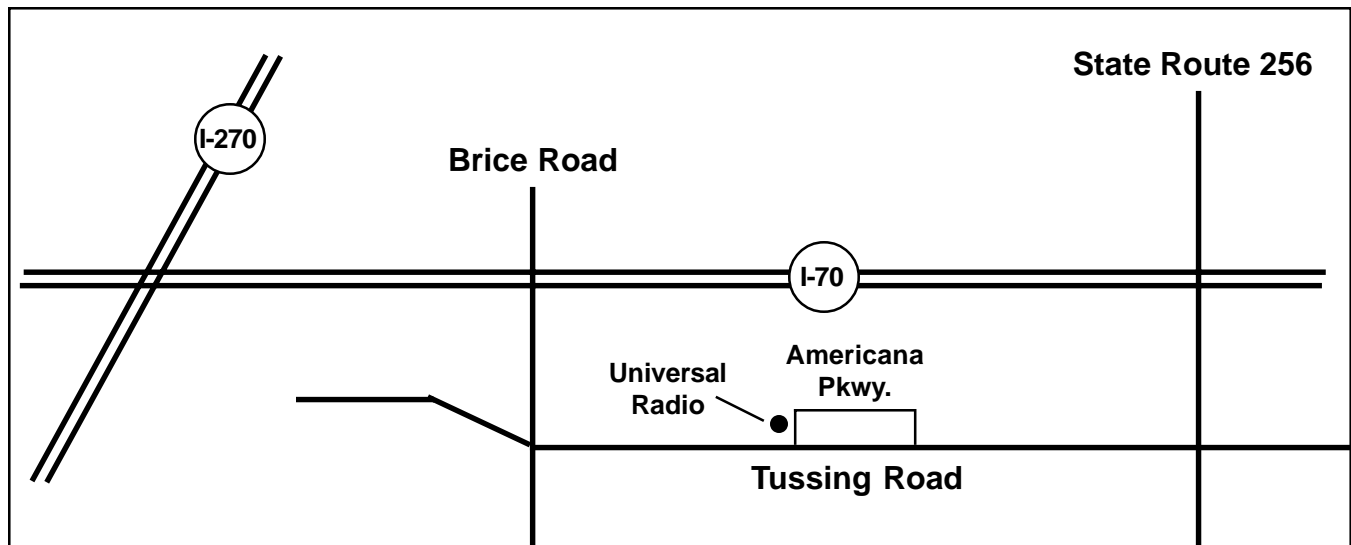
With greater availability of used commercial 900 MHz radio gear today, it is hoped that this plan will lead to greater use of the 902-928 MHz band

Duplex Auxiliary (links with 25 MHz offset)

| Polarization | RX(TX) | TX(RX) |
|-----------------|----------|----------|
| 1 (Vertical) | 902.2125 | 927.2125 |
| 2 (Horizontal) | 902.2250 | 927.2250 |
| 3 (Vertical) | 902.2375 | 927.2375 |
| 4 (Horizontal) | 902.2500 | 927.2500 |
| 5 (Vertical) | 902.2625 | 927.2625 |
| 6 (Horizontal) | 902.2750 | 927.2750 |
| 7 (Vertical) | 902.2875 | 927.2875 |
| 8 (Horizontal) | 902.3000 | 927.3000 |
| 9 (Vertical) | 902.3125 | 927.3125 |
| 10 (Horizontal) | 902.3250 | 927.3250 |
| 11 (Vertical) | 902.3375 | 927.3375 |
| 12 (Horizontal) | 902.3500 | 927.3500 |
| 13 (Vertical) | 902.3625 | 927.3625 |
| 14 (Horizontal) | 902.3750 | 927.3750 |
| 15 (Vertical) | 902.3875 | 927.3875 |
| 16 (Horizontal) | 902.4000 | 927.4000 |
| 17 (Vertical) | 902.4125 | 927.4125 |
| 18 (Horizontal) | 902.4250 | 927.4250 |
| 19 (Vertical) | 902.4375 | 927.4375 |
| 20 (Horizontal) | 902.4500 | 927.4500 |
| 21 (Vertical) | 902.4625 | 927.4625 |
| 22 (Horizontal) | 902.4750 | 927.4750 |

Newsletter Submissions

Your repeater newsletter article could be printed here. Submit your article as e-mail through the OARC Web Page (www.oarc.com)



THE OHIO AREA REPEATER COUNCIL, INC.

A member of the Mid American Coordination Council, MACC

THE OHIO COORDINATION PROCESS

1. An OARC application for coordination is filled out completely and mailed to the OARC Secretary. An application can be obtained from the Secretary or any Coordination Committee member. Any other method of applying will only result in delaying your request, as an application will be mailed to you for completion.
2. The completed application is then sent to the Coordination Committee for processing. The Coordination Chairman and your Area Coordinator will work together to identify an acceptable frequency pair based on the input provided by the applicant and a study of possible available pairs. If no acceptable frequency can be identified, the application will be rejected. The OARC MAY require the use of full PL encode/decode during your On Air Test period. In such cases, the OARC will assign a PL tone frequency based on the coordination area in which your repeater is located. The OARC currently separates new co-channel repeaters by approximately 100 miles from existing Ohio and out-of-state repeater systems. Recommended adjacent channel separation is 35 miles below 20 KHz, or as close as 0-5 miles at 25 KHz or greater.
3. A 'Proposed Frequency Assignment' letter is issued to the applicant and the frequency pair is put on hold for a period of 6 months to allow for construction. Neighboring state coordinators, as well as co-channel (and sometimes adjacent channel) system Trustees, if within the separation guidelines, will be notified of the pending assignment. After a 30 day objection period, you can put your system on the air. If the repeater system is not on the air within the 6 month 'hold' period, the assignment is withdrawn. A short extension period may be granted, if requested in writing to the OARC Secretary stating the reason for the extension.

..... YOU ARE NOT COORDINATED YET.

4. When your system goes on the air, you must notify the OARC Secretary in writing. The OARC Coordination Chairman will then issue an 'On the Air' notice. All parties informed in paragraph (3) above will also be notified of your on-the-air status. Your testing period now begins and lasts 90 days. During this time, adjustments may be required to your profile to minimize problems with other systems. Letters of concern will be accepted by the OARC Secretary during this period if interference exists. If interference cannot be resolved, a profile modification or frequency change may be required. NO COST shall be incurred by the OARC for any required changes.

..... YOUR COORDINATION IS PENDING.

5. Your repeater system is required to be on the air and in open carrier mode of operation for at least 2 of the 3 months to have a valid test period, unless noted in 'conditions of coordination'. If no letters of concern are received by the OARC, or if all concerns are resolved within the test period, a 'Letter of Coordination' will be issued to the system Trustee. You will receive two copies. Your coordination does not become valid until the OARC copy is returned to the Secretary. Note: During your test period, your Area Coordinator may conduct an 'on air verification check' to evaluate your system.

..... YOU ARE NOW COORDINATED.

NOTES: The OARC requires notification of all proposed changes of Trustee, system profile, and/or change in the system location. Changes in system profile and/or location may require a new test period before coordination is regained. Failure to notify the OARC of the above changes will void your 'Letter of Coordination' and affect your coordinated status.

Once coordinated, a repeater pair must remain in use. Pairs that are not in use for a period of 6 months due to whatever reason will be recalled and reassigned unless a letter is on file with the OARC Secretary requesting the frequency be held. Amateurs knowing of such documented inactive systems are encouraged to notify the OARC Secretary in writing.

OARC sends out an annual 'Statement of Record' in the fall to all system Trustees. This allows any administrative changes or corrections to be made before the deadline for uploading data to the ARRL for their Repeater Directory. Failure to reply to this mailing for 2 consecutive years may also result in OARC action, and affect your coordinated status.

**All OARC correspondence should be addressed to:
Patrick Hays, N8OOB, OARC Secretary, PO Box 329, Greenfield OH 45123-0329**

OARC ocp/0400

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Official OARC Director Ballot:

Vote for one (1) of the following for the position of Director;

Pat Hays, N8OOB

When finished mark your amateur radio callsign and number of votes that you are entitled to cast (one vote for each OARC coordinated repeater) below. Your ballot must have the mailing label attached to the back side of this form for it to be counted.

Your Callsign: _____ Number of Votes: _____

Mail your Official OARC Ballot to:

**Pat Hays, N8OOB, Secretary
PO Box 329
Greenfield, OH 45123-0329**

Note:

To be counted, all ballots must be received by the OARC Secretary not later than Friday, April 11, 2003.

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Important Information Inside

Read this newsletter now. Do not set aside.

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PO Box 329
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ADDRESS LABEL