

Supplement to Amateur Radio Repeater Station Application -- Constitution / By-Laws

Trustee: Weiner, Eugene V., 511 5th Avenue, Coralville, Iowa 52241
Phone 319/338-0581 X288

2. Membership Committee: The council shall act as the Membership Committee. The Membership Committee shall consider every application for membership in the association received at least one month prior to a regularly scheduled business meeting, and shall report on those applicants it finds suitable for membership. If the Membership Committee does not recommend an applicant for membership, written request by three members of the association, at least two months prior to a regularly scheduled business meeting, will require that the applicant be placed in nomination at that meeting. No applicant may be so placed in nomination for membership at any two consecutive meetings. The Membership Committee shall keep a file of all actions taken by it, but it shall not be required at any business meeting to present its reasons for failing to make recommendations.

F. Amendment of By-Laws

Amendment to the by-laws may be initiated by the council, or the Rules Committee, or by petition signed by at least one-half of the members of the association. Amendment shall be by a majority of ballots cast at any business meeting of the association, but at least thirty days after notification in writing, by the secretary-treasurer of the proposed amendment. Such amendments to the by-laws shall become effective immediately after having been passed.

I certify that all of the above statements are true, complete, and correct to the best of my knowledge.

Date Signed October 19, 1973 Signature of person certifying John W. Huchat
Secretary-Treasurer

February 12, 1975

Dear Member,

On behalf of the Iowa City Amateur Radio Repeater Association Executive Council and the Association itself, I would like to thank you for your support of the Association and the repeater during the past year. The machine has come a long way since first licensed and yet, much is still left to do to further improve it and make it more useful. Your continued support is essential to the continuing success of the repeater and the continued existence of the Association.

To this end, the Executive Council desires that you will see fit to renew your membership in the ICARRA which ~~will expire~~ has expired on the last of the month of December. To continue your membership to the end of the current calendar year will cost (at the rate of \$10.00 per year) \$ 10.⁰⁰. Those whose membership renewal date does not fall on 1 January are being pro-rated to get that date on a fiscal basis.

Again, thank you and if you have any questions or comments, please do not hesitate to call upon one of the members of the Council,

for the Executive Council, ICARRA

Michael L. Nowack

Michael L. Nowack
Secretary-Treasurer

January 7, 1976

Dear WRØACU Members (Past and Present):

Recent significant changes have occurred and we thought we should bring you up to date.

The Iowa City Amateur Radio Repeater Association (ICARRA) held a meeting on October 8, 1975 and the following are your 1976 officers:

President - Paul Jagnow, KØRLT
Vice President - Stephen Towle, KØSVW
Secretary-Treasurer - Michael Nowack, WBØHOG
Member-at-large - Max Otto, WØLFF
Trustee - Craig Fastenow, KØUJJ

Enclosed please find a membership listing for current and past members of ICARRA. The date indicates when the member's dues have or will expire. Those members whose dues are in arrears are encouraged to forward them to Mike at their earliest convenience as the association needs your support.

After much delay, hard work, and cost, we are pleased to announce that your repeater is now equipped for autopatch operation. Due to expected increase in repeater use and because of the addition of the autopatch, we recommend the following guidelines to be adhered to:

GENERAL REPEATER GUIDELINES

1. When accessing the machine, first identify your station then state your intentions i.e. WØXYZ monitoring.
2. Pause between transmissions to listen for breakers
3. Recognize all breakers immediately
4. Please QSY to simplex when possible (i.e. 146.52MHz.)
5. Recognize and welcome transients
6. Allow autopatch priority over ragchews
7. It goes without saying - emergency traffic has priority over all other.

AUTOPATCH USE GUIDELINES

1. No calls of a business nature will be allowed
2. Primarily intended for use by mobiles away from a phone

3. To be utilized only by paid members and transients except in emergency
4. Not for long distance use
5. Calls to University switchboard (0) or local information (411) are not to be made. If you need a number please ask another station.
6. Advise the person called that they are "on the air"

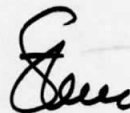
AUTOPATCH OPERATION

1. Bring up the repeater, state your call and request autopatch i.e. WØXYZ requesting patch
2. Drop the repeater and listen - if clear procede
3. Key your transmitter and dial asterisk (*) then listen for dialtone. Repeater will identify at this time
4. If dialing University number procede by dialing last 5 digits of the number. NOTE: Hold tones for 1/2 second each
5. If dialing non-University number, dial 9 then listen for a new dial tone then procede with your seven digit number.
6. During the conversation the state of the repeater squelch must be changed every 30 seconds. i.e. you must key your transmitter every 30 seconds when listening or drop your transmitter every 30 seconds when talking.
7. Maximum call length is approximately 5 minutes or 2 ID periods. Then you will be cut off.
8. When the conversation is finished, dial # or pound to hang up phone then identify WRØACU and your call, further state you are clear of the autopatch and state the approximate local time. i.e. WRØACU this is WØXYZ clear autopatch at 1800 local.
9. If the autopatch stays up, do not transmit for 30 seconds and it will disconnect automatically.
10. If you reach a busy signal, you may enter automatic redial mode by pressing *. Wait a few seconds - repress the * button and your call will automatically be redialed. Then procede as above.
11. If you are timed out, you must wait 6-10 seconds before the repeater can again be accessed.

Operation of the repeater and its autopatch will be discussed at length at the January meeting of the Iowa City Amateur Radio Club.

We wish to extend seasons greeting to all and thank you for your support.

Sincerely,



Stephen L. Towle, KØSVW
For the WRØACU officers

SLT/nnp

cc: ICARRA Members

- WAØSXG
- WBØHUR
- WBØLKW
- KØGVB
- KØVBG
- WAØWNW
- KØIEI
- WA7RTV

EXPIRES

WBØMPI	-----	10-31-76
WØGET	-----	12-31-75
KØLUM	-----	5-31-75
WAØAQD	-----	6-31-76
WNØKBD	-----	12-31-75
KØUJJ	-----	12-31-75
WØMIE	-----	4-31-75
KØRLT	-----	12-31-75
WAØPUJ	-----	12-31-76
WBØMCX	-----	12-31-75
WAØDXZ	-----	12-31-76
WBØOUP	-----	6-31-76
WBØHOG	-----	12-31-76
WBØFSQ	-----	6-31-76
WØLFF	-----	12-31-76
WBØKBA	-----	12-31-75
WAØVFP	-----	12-31-76
WBØMED	-----	12-31-76
KØSVW	-----	6-31-76
KØOBU	-----	12-31-75
KØCKX	-----	12-31-75
WØIO (Club Station)		Courtesy Member

October 7, 1977

Dear Member of WRØACU:

Following the regular 7:30 p.m., October 12 meeting of the Iowa City Amateur Radio Club, a general membership meeting of the Iowa City Amateur Radio Repeater Association will be held in the Community Room at First National Bank, Towncrest Shopping Center, Iowa City. Inasmuch as this is the only formal meeting the entire Association holds each year, your attendance is urged.

Primary items to be discussed are (1) election of officers and (2) general repeater operations. The Association officers have recommended the following candidates for the 1978 year: President, Paul Jagnow, KØRLT; Vice-President, Gene Weiner, KØCKX; Secretary-Treasurer, Luke Van Orden, WBØQFQ; and Member at Large, Max Otto, WØLFF. The term of repeater Trustee Craig Fastenow, KØCF, does not expire until 1979, so no election for this position is required.

If you are unable to attend the October 12 meeting, please fill out the enclosed absentee ballot and return to Craig Fastenow, KØCF, at 1207 Wylde Green Rd., Iowa City 52240. Those names already appearing on the ballot are candidates suggested by the repeater Association officers. Should you wish to nominate (and elect) someone else, please do so in the space provided on the absentee ballot. (Do not nominate someone for office unless you have his/her prior approval). Names properly entered for nomination via the absentee ballot will also be entered for nomination at the October 12 meeting.

According to the Constitution of the ICARRA, only those whose membership is current are eligible to vote. If your membership has expired, or will expire during the month of October, a note to that effect is enclosed with this mailing.

A record of those voting by absentee ballot must also be maintained. For this reason, please identify yourself by signing the ballot, detaching your signature from the ballot, and enclosing the signature slip with the ballot when it is returned. The Association is not interested in how you vote; rather, our concern is only in the elimination of duplicate ballots. Therefore, any absentee ballots returned without some form of identification will be spoiled.

As some of you are already aware, another group of changes has been implemented on the repeater, primarily in connection with the autopatch. And other repeater changes, related both to the autopatch and general supervision, are to be forthcoming in the near future. Space here does not permit the detailing of these changes, so please try to attend the meeting for more information, or monitor the repeater closely for explanation of the changes as they occur.

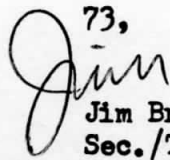
The officers, recognizing the eventual need for guidance in the area, have agreed upon a new policy regarding "family" repeater membership. Briefly, the policy states that additional members of the same family residing in the same household as that of an already-franchised member can join the association for \$5 per year dues with no initiation fee.

A revised "Repeater Guidelines" sheet is enclosed with this letter. Please read it carefully and thoroughly, because some changes and redefinitions are included in the new guidelines.

Finally, as some of you already know, my completion of schooling this past summer and recent acceptance of an employment offer with Montgomery Ward in Chicago

means that I must resign my active participation as Secretary/Treasurer and general member of the ICARRA. I wish to thank the other officers and general repeater members for allowing me to serve the Association in the very small way I did. I realize it is quite probable that, moving to a larger area, I will never have the opportunity to serve in such a capacity again, and will likely never have the pleasure to be associated with a better group of supportive Amateurs, most of whom I have come to know on a first-hand basis. The local Amateur community can be proud, both of the repeater itself, and of the technical savvy and genuine public interest of the repeater's current and past officers and members. (Lest this get carried too far, I am not endorsing anyone for reelection---HI!) I'll be living (temporarily) in the Batavia, Illinois area and will be commuting home (i.e., North Liberty) on weekends whenever possible until my XYL, Cathy (who is now a Technician as WDØCVZ) is able to relocate with me sometime next year. I'll be as active as possible on the Aurora (AFAR) 147.81/147.21 repeater, and Elgin (VARA) 146.19/146.79 repeater, should anyone be interested.

Please try to attend the October 12 meeting of the Iowa City Amateur Radio Repeater Association.

73,

 Jim Brady, WBØLKW
 Sec./Treas.: ICARRA, WRØACU

 ABSENTEE BALLOT

Nomination of Election of ICARRA officers. (Vote for 1 for each office)

Already nominated:

President: Paul Jagnow, KØRLT
 Vice-President: Gene Weiner, KØCKX
 Sec./Treas.: Luke Van Orden, WBØQFQ
 Member at Large: Max Otto, WØLFF

I wish to vote for:

Jagnow, President _____
 Weiner, V.P. _____
 Van Orden, Sec/Treas _____
 Otto, M.A.L. _____

I wish to further nominate*:

Office: _____ Name: _____

I wish to vote for*:

Name _____ Office _____

*Please note: DO NOT nominate anyone for office unless you have your nominee's prior approval. If additional nominations are accordingly made, their names will be entered for election at the October 12 meeting.

 (detach from ballot)

Signature _____

Call Sign _____ Date _____

Oct. 7, 1977

General Repeater Guidelines

1. When accessing the repeater, first identify your station, then state your intentions (i.e., WØXYZ monitoring). Unidentified key-ups are ILLEGAL.
2. Please pause between transmissions to listen for breakers.
3. Recognize all breakers immediately---they may have emergency or priority traffic.
4. Please QSY to simplex when repeater is busy (i.e., 146.52 mhz.)
5. Recognize and welcome transients.
6. Allow autopatch priority over ragchews.
7. It goes without saying---emergency traffic has priority over all other.
8. At the end of a QSO, give the call of the station worked, and your callsign. Your call ALONE is not enough by current F.C.C. rules to legally complete a QSO.
9. The repeater timer resets on the input signal, not the transmitter carrier. It is not necessary to let the transmitter carrier drop to reset the timer. A 2½ minute timer is utilized.
10. If, when a deliberate operating infraction is heard on the repeater and, for reasons of control, you deem it necessary to shut off the repeater and no control station is available to do this, time-out the repeater by keying your transmitter for over 2½ minutes (and identifying your station occasionally). If the infraction continues, continue deliberate time-out of the repeater for as long as necessary and attempt to telephone control stations for more direct turn-off. Again, if you must time out the repeater to prevent illegal usage, don't be illegal yourself. Identify your station occasionally, lest your deliberate time-out of the repeater is interpreted as malicious interference!

Autopatch Use Guidelines

1. NO calls of a business nature will be allowed. If you have any doubts as to whether a call might be a "business" call, don't make the call.
2. The autopatch is primarily intended for use by mobiles away from a telephone.
3. The autopatch is to be utilized ONLY by paid members and transients (except in an emergency).
4. The autopatch is NOT for long-distance use. Long-distance is defined as:
 - (a) attempts by local stations to make long-distance phone calls;
 - (b) calls made by distant (i.e., out-of-local Iowa City calling area) "base" stations to local telephone numbers; and
 - (c) autopatch calls made by any station from a fixed, home location for purposes of circumventing local home telephone charges. This means that the availability of the autopatch does NOT replace one's need for a home telephone.

Long-distance usage violates current telephone tariff laws. Even toll-free 800 WATS-line numbers are not permitted on the autopatch. Control stations will terminate any attempts at long-distance telephone calls.

5. Calls to the University switchboard or local information (411) are not to be made. If you need a number, please ask another station. Carry a local directory with you when mobile.
6. Advise the person called that they are "on the air" in order to minimize momentary "indiscretions."
7. At present, once the autopatch is activated (i.e., dial tone is heard), a 10db. drop in squelch threshold occurs. This means that only fairly strong and quieting signals will be able to complete autopatch calls. This higher threshold level is designed to minimize weak input signals from other 25/85 repeater users from interfering with local autopatch calls. Don't attempt autopatch calls if you are "scratchy" into the repeater unless absolutely necessary.
8. Keep autopatch access code "secret"---that is, don't discuss with non-members how to make an autopatch call on the repeater. Further, don't discuss autopatch dialing mechanisms with anyone over the air. Again, the autopatch is intended to be utilized only by paid members, so while the repeater is "open," the autopatch is technically "closed." However, you are encouraged to "dial up" local calls for transients if they request a local autopatch be made on their behalf. With forthcoming changes in autopatch access anticipated, it is especially important that the access code be known only by members and not discussed over the air.

Autopatch Operation

1. Bring up the repeater, state your call and request autopatch (i.e., WØXYZ requesting autopatch).
2. Briefly pause and listen---if clear, proceed.
3. Key your transmitter and dial asterisk (*), holding tone for $\frac{1}{2}$ second, and listen for dialtone. (NOTE: The access code for autopatch may be changed in the near future.) The repeater will identify at this time.
4. If dialing University numbers, proceed by dialing the last 5 digits of the number.

---PLEASE NOTE: It is no longer necessary to hold tones, except * and #, for $\frac{1}{2}$ second. In fact, once the first autopatch repeater dialtone is heard, you can dial the numbers as fast as you wish, since now Northwestern Bell is decoding the tones directly, rather than the repeater converting tones to dial pulses, as was the case previously. As a result, THERE IS NO LONGER AN AUTOMATIC REDIAL MODE.
5. If dialing non-University numbers, proceed by dialing 9, then the seven-digit number.
6. During the conversation, the state of the repeater squelch must be changed every 30 seconds (i.e., you must key your transmitter every 30 seconds when listening or drop your transmitter every 30 seconds when talking). If the state of the squelch is not changed at least every 30 seconds, the automatic time-out circuit will be activated.

7. Maximum call length is approximately 5 minutes (or 2 ID periods). Then, you will be cut off.
8. When the conversation is finished, dial # (pound sign) (holding tone for $\frac{1}{2}$ second) to hang up phone and then identify WRØACU and your callsign, further stating you are clear of the autopatch and state the approximate local time. Example: "WRØACU, this is WØXYZ clear autopatch at 7 p.m. local time." Follow this procedure regardless of whether your autopatch attempt was successful or not.
9. If, for some reason, the autopatch stays up, do not transmit for 30 seconds and it will be automatically disconnected. Or, alternately, key your transmitter for over 30 seconds to disconnect and time-out repeater. Be sure to identify your station if you choose the second method.
10. If you are timed out, for any reason, you must wait 5 to 10 seconds before the repeater can again be accessed.

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REMEMBER: Be cognizant of the fact that many people in the Iowa City area monitor the repeater, either on their scanners or on their PSB radios. For your own welfare, never say ". . . this is WØXYZ mobile clear at K-Mart," unless you want your radio's whereabouts to be known to many people who may in fact want to take your radio home with them. In short, be discreet in what you say through the repeater. Many impressionable non-Amateurs are listening!

FOOD FOR THOUGHT: DE Squelch Tale magazine: "Jammers want to be noticed. The . . . Repeater Association policy is to never acknowledge a jammer on the air. Never talk to or about a jammer. Let him talk to himself. Most of these unfortunate individuals will leave under these conditions. Those who don't can be hunted down and prosecuted. This rule is set down by the trustee of . . . and approved by the executive board. The repeater will not be turned off on a jammer unless these rules are broken."

Something to keep in mind should we ever be presented again with a malicious interference problem.

WBØLKW

1110 South Jones Blvd.
North Liberty, Iowa 52317
May 20, 1977

Dear WRØACU members (past, present, and future):

The Iowa City Amateur Radio Repeater Association (ICARRA) is planning to implement proposed repeater improvements within the next few weeks. This letter will update you as to what, in fact, is planned; it will also reacquaint you with general operating guidelines recommended by present and past Association officers.

Of perhaps most immediate importance are imminent repeater improvements. These include:

- (1) installation of a new solid-state receiver;
- (2) modification of the present repeater autopatch decoder to allow for "less than perfect" tones to be accepted for autopatch calls;
- (3) installation of a new solid-state amplifier delivering 50 watts to the antenna;
- and (4) implementation of emergency power (battery) capabilities.

To accomplish these major improvements, the repeater will be turned off beginning Saturday morning, May 28, and will be "down" until the above-listed improvements are implemented. Hopefully, everything can be accomplished in not more than two days; however, it may take longer. Whatever time it takes, your patience will be rewarded with a much-improved WRØACU in the future.

During repeater "down time," those of you with reverse split capabilities (i.e., listen 25, transmit 85) may wish to act as your own "repeater." Otherwise, 52 simplex will probably be utilized most extensively locally.

The Association welcomes any offers of assistance from members during the weekend of May 28 to help with the installation of repeater improvements. If you have the time and expertise to lend a hand, please contact Paul, KØRLT, or Craig, KØCF. Any and all offers of assistance---both now and in the future---will be appreciated.

Finally, those whose memberships in the Association are up for renewal (or those who might like to join the ICARRA for the first time) will find an application for membership enclosed. Just as the Association cannot function optimally without your voluntary offerings of time and assistance on special projects and repeater maintenance, it also needs your financial support to help meet continuing operating expenses (the charge for the autopatch/remote

(more)

control telephone alone is over \$120 a year!). Please complete and return the enclosed application form (if one is included) to me at my new address, which is:

1110 South Jones Blvd.
North Liberty, Iowa 52317

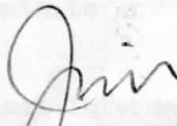
(campus mail:
#24, Phillips Hall)

With warm weather now here, more and more of us will be outdoors and in motion. The reliable functioning of WRØACU will make it that much more enjoyable for those who have the capabilities to utilize the machine. Please welcome transient mobiles traveling through the area, and please make it a practice to monitor the repeater during severe weather conditions. With 27 MHz. sunspot-generated interference reducing usable communication coverage to fewer than two miles, Civil Defense authorities will be relying more on our capabilities to assist in any emergencies that may develop. With a good, reliable repeater, and a dedicated group of operators/members, we should be able to meet any challenge presented us.

A guideline sheet detailing both general repeater and autopatch usage is enclosed. Please read it carefully and try to adhere to the guidelines as best you can.

Best wishes for an enjoyable summer . . . and hear you on /85!

Sincerely,



Jim Brady, WBØLKW
Secretary-Treasurer
Iowa City Amateur Radio
Repeater Association
WRØACU

Quote with comment: DE HR Report . . . "Reports from Western states indicate that truckers are buying 2 meter radios and moving from channel 19 to 146.58. In the Denver area, hams became suspicious and turned up 75 questionable locals in brief monitoring." If you have 146.58 capabilities, please monitor and be skeptical of any 18-wheelers on that frequency, especially if they won't QSY to another frequency. Furthermore, please report any suspicious activity to the FCC and to the Association. This sort of thing must be squelched immediately. Maybe one of these days the Commission will realize that unlicensed operators have no lawful right to buy Amateur Radio equipment. (WBØLKW)

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6. Advise the person called that they are "on the air."

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2. Drop the repeater and listen---if clear, proceed.
3. Key your transmitter and dial asterisk (*), then listen for dialtone. Repeater will identify at this time.
4. If dialing University numbers, proceed by dialing the last 5 digits of the number. NOTE: Hold tones for $\frac{1}{2}$ second each.
5. If dialing non-University numbers, dial 9, then listen for a second dial tone. Then proceed with your seven-digit number, again holding each tone for approximately $\frac{1}{2}$ second each.

6. During the conversation, the state of the repeater squelch must be changed every 30 seconds (i.e., you must key your transmitter every 30 seconds when listening or drop your transmitter every 30 seconds when talking). If the state of the squelch is not changed at least every 30 seconds, the automatic time-out circuit will be activated.
7. Maximum call length is approximately 5 minutes (or 2 ID periods). Then you will be cut off.
8. When the conversation is finished, dial # (pound sign) to hang up phone and then identify WRØACU and your callsign, further stating you are clear of the autopatch and state the approximate local time. Example: "WRØACU, this is WØXYZ clear autopatch at 7 p.m. local time." Follow this procedure regardless of whether your autopatch attempt was successful or not.
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