

# XARC

## Monthly Newsletter

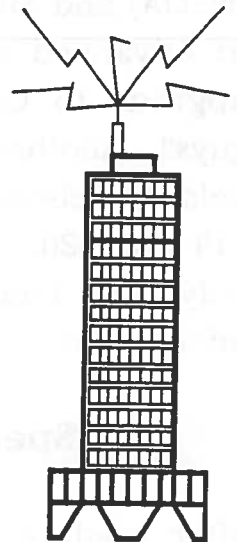
The Voice of the Xerox Amateur Radio Club

Gene Parker KE2T  
Mike Ishler N2IJG  
Rick LaDonna N2IJI  
Pete Secrist WB2SUN

President  
Secretary  
Treasurer  
Repeater  
Trustee

Xerox  
Amateur  
Radio Club

WB2SUN/R  
222.46/444.8255



February 9, 1989

Next Club Meeting Feb. 16th 1700hrs

### What's New?

As you can probably see we have a new banner for the Newsletter. The nice graphic of the Square is courtesy of Barry Rickett(N2EZX). Maybe soon we can get one to represent the proposed new tower and beam on the recreation building.

We are going to change the format of the Newsletter a little. We hope to have some general information and items of general interest to the club up front and append the meeting minutes to the end of the Newsletter. If you have a news item or event for the club and the readership please send them to Mike Ishler M.S. 114/22d or electronically to Ishler:Wbst128.

### New Novice Class Begins

The first session of the year for new Novice class was held in the 335 cafeteria on Tuesday January 31st. The new students met their instructor teams and

viewed a video tape outlining the world of amateur radio. It looks like we're going to have another successful class and a new group of Novices inducted into Amateur Radio just in time for *Field Day*. Our new students are -Sam Kaplan, Dennis Diehl, Joyce Turner, Paul Butterfield, Shannon Wixom, Ron Janson, Clive Bubb, David Bubb, Bill Bailey. Besides being perspective Novices they are all new XARC members so we hope to see them at the club meeting on February 16th. The instructor teams for this class are Lou Kohnen (K2ANC) and Fred Miller (N2IJJ), John Wright (N2IJH) and Dick Germain (KA2QCV), Lloyd Durfey (KB2FSB) and Russ Sokac (N2IGS) and Ray Crandall (N2IJA) and Mike Ishler (N2IJG).

### Upgrades

Our good friends Fred Miller (N2IJJ) and Russ Sokac (N2IGS) upgraded to Advanced at the **OTHER** test site in January. The first testing session

conducted by our VEs saw Ray Crandall (N2IJA) and Mike Ishler (N2IJG) upgrade to Advanced and John Wright (N2IJH) upgrade to General. Congratulations guys!! Another upgrade session will be held on February 15 at 12 noon in bldg. 114 rm.. 320. This will be written tests only. Call Lou Kohnen x23899 for more information.

### Speak Up Please

After reading a recent article in QST describing a circuit for adding an external audio amplifier/speaker to your handi-talkie, John Wright (N2IJH) set out to construct one for use with his YEASU handi-talkie. A prototype of the circuit was built but did not perform satisfactory, a friend of Johns did a re-design and also a circuit board layout. I have seen and used this new design and think everyone who uses a handi-talkie in the car should have one. John has found vendors for the parts and the circuit board. He would like to make a group purchase and buy all the boards and parts at the same time. The cost should be about \$10.00 for everything, you supply the speaker. For the non-technical types there are members willing to assemble the units for you. John will have a demonstration at the next meeting. For more information call John Wright x25130.

### Hamfests

The **Rookies Mini-Fest** will be a winter hamfest at the NYS Armory on Colonial Dr. in Horseheads NY on the 25th of

February. Sounds like a good time to get out of the house and find that bit of ham gear you need, and to get you primed for the big fests in Dayton and Rochester. The Dayton Hamvention will be April 28th-30th and the Rochester Hamfest will be May 19th-21st.

### VHF Contest

The results are in from the VHF contest. We scored a total of 11508 points. The operators at the club stations scored 6380 points, while other members scored 5128 points from their home QTHs. Many thanks to all who contributed, with special thanks to Norm Peer and Dave Sweet for the use of their rigs for the contest.

### For Sale/Wanted

**Wanted:** Key and code practice oscillator. Call Bill Bailey x28195

**Wanted:** Some members of the new novice class are also looking for Keys. If you have an old one you don't need anymore call Lou Kohnen x23899.

## Minutes of the January Meeting of XARC

The meeting was brought to order by President Gene Parker at 1505 hrs.. on Thursday the 19th of January 1989. There were 15 members present.

### **Treasurers Report:**

Rick reported a checking balance at 12/31/88 of \$370.37

Income of \$157.29

Expenses of - \$252.87

For a balance of - \$264.79

Rick reported a savings balance at 12/31/88 of \$150.74

Income(Dividend) of - \$ 1.34

Income (outside repeater users) - \$ 20.00

For a balance of - \$172.08

For a total balance of - \$446.87

Rick reported that the \$50.00 stipend is available from XRA and all he needs is a membership list to present to XRA.

### **Secretarys report:**

Minutes of previous meeting: Voted to be not read as they are included in every newsletter.

### **Repeater Committee report:**

Pete reported that the Repeater is back in full operation and better than ever. He has also placed a new RARA directory in the library for general use.

### **Long range planning committee report:**

No report...

### **HF Station report:**

Lou reported that the vertical antenna for the HF station is still on back order, apparently due to a heavy demand at Christmas. Lou need to check on the mounting hardware on the roof to determine what if any additional hardware is needed.

### **Membership and Training:**

Lou reported that the first session of the Novice class was postponed a week due to our being "bumped" out of the conference room. We have 8 trainers in four teams to teach this class. Lou also said that the requirement to join the club was added to the materials cost( like RARA). The club dues are refundable if the student doesn't complete the course or fails the tests and loses interest.

Lou announced that our first VE testing session will be held on February 4th at the 335 cafeteria conference at 9:00am. Testing will be available for all grades.

Lou requested \$20.00 for materials associated with the testing and for advertising. It was moved and seconded that the money be spent.

**Packet Report:**

No report

**Special Events report:**

Gene regaled us with a description of his trip to the Post Office with the Special Event mailings. The bottom line was that basically all went well, but it was a long process. Gene also reported that the scanner article on the Special Event Station was sent to Corporate and may be published.

**Program Committee report:**

Mike reported that there will be speakers in the months of March and April.

**Long Range Planning Committee report:**

No report

**Old Business:**

Gene reported that the VHF contest went well and that as soon as he had the logs he would get totals and submit them. Gene thanked all who participated.

**New Business:**

Proposed changes to the Bylaws were discussed with the results in the attached copies of the Bylaws.

**Seminar:**

No seminar this in January.

**Seminar for February:**

John Wright's demonstration of HandiTalki audio amp.

## **Agenda for February**

- Act on proposed bylaws amendments.
- Current status of the tower installation.
- Assignments for Field Day.
- John Wright's demonstration of HandiTalki audio amp.

**Attached are the original and revised versions of the Bylaws.**

**Proposed changes in the Bylaws are italicized,  
and annotated with a bullet(●).  
Deleted sections are so noted.**

**Xerox Amateur Radio Club**  
**BY-LAWS**[sic]

**ARTICLE I - OBJECT**

**SECTION 1**

To promote interest in amateur radio within Xerox and to enhance the value of the amateur service to the public, particularly with respect to providing emergency communications.

**SECTION 2**

To encourage the improvement of the amateur radio service by providing for advancing skills in both the communications and technical phases of the art.

**SECTION 3**

To continue and extend the amateur's ability to enhance international good will.

## **ARTICLE II - MEMBERS**

### **SECTION 1**

Membership shall be open to all Xerox, Rank Xerox, Fuji Xerox and/or their subsidiaries, employees, retirees, contract employees and co-ops, their spouses and members of their immediate families holding a current valid Amateur Operator License issued by the Federal Communications Commission, or a valid Reciprocal Operating License issued by the Federal Communications Commission, and a valid operating license from the employee's home country.

### **SECTION 2**

Associate membership shall be open to all Xerox employees, their spouses and members of their immediate families who are not licensed but are interested in the objectives of the club.

### **SECTION 3**

As to all matters involving the management and operation of the club, each member in good standing will be entitled to one vote.

### **SECTION 4**

All members and associate members shall pay dues of five dollars (\$5.00) per year, or fraction thereof. Dues are due and payable by the regular business meeting each October.

### **SECTION 5**

Dues are not refundable for any reason.

### **SECTION 6**

All funds of the club shall be held by the treasurer in such manner as approved by the Executive Board.

### **SECTION 7**

To be in good standing, a member's dues must be paid up to date.

### **ARTICLE III - OFFICERS**

#### **SECTION 1**

The officers of the club shall be elected by the membership and shall consist of a President, Vice-President, Secretary, Treasurer, XRA Representative and Program Officer.

#### **SECTION 2**

All officers must be members in good standing. Two or more offices may not be held by the same person.

#### **SECTION 3**

The officers shall hold office until their successors are chosen and qualify. Each officer shall serve for a term of one year (September 1 to August 31), and no officer shall serve more than two years.

#### **SECTION 4**

Any officer may be removed with or without cause at any time by the affirmative vote of two-thirds (2/3) of the total membership eligible to vote.

#### **SECTION 5**

Nominations for officers shall be made at the regular business meeting held in May each year. Officers shall be elected at the regular business meeting held in June each year. An affirmative vote of a majority of eligible members present shall be necessary to elect.

#### **SECTION 6**

The President shall be the chief executive of the club. He shall preside at all meetings of the club members, shall preside at all meetings of the Executive Board, shall be an ex-officio member of all committees, shall see that all orders and resolutions of the Executive Board are carried into effect, and shall have such other powers and duties as are vested in him by an affirmative vote of two-thirds (2/3) of the total membership eligible to vote.

#### **SECTION 7**

The Vice-President shall take the place of the president and perform his duties whenever the President shall be absent or unable to act.

#### **SECTION 8**

The Secretary shall attend all regular business meetings of the club. He/she shall also attend all meetings of the Executive Board and record all votes and the minutes of all proceedings. He/she shall give, or cause to be given, notice of all meetings of the members and of the Executive Board. The Executive



Board may appoint an Assistant Secretary to assist the Secretary in his/her duties.

(ARTICLE III - OFFICERS, CONT'D.)

**SECTION 9**

The Treasurer shall have the custody of the club funds and securities and shall keep full and accurate chronological accounts of receipts and disbursements in books belonging to the club, and shall deposit all monies and other valuable effects in the name, and to the credit of, the club in such depositories as may be designated by the Executive Board.

**SECTION 10**

The XRA Representative shall represent the club in all dealings with the Xerox Recreation Association.

**SECTION 11**

The Program Officer shall be responsible for the informal portion of the monthly meetings. He/she shall arrange for speakers, programs, or technical presentations.

**ARTICLE IV - MEETINGS****SECTION 1**

Regular business meetings shall be held on the forth Wednesday of each month from September until June at the time and place set by the Executive Board.

**SECTION 2**

The Executive Board shall meet on the Monday preceeding[sic] the regular business meeting. The President shall set the time and place of the meeting.

**SECTION 3**

The Executive Board may meet in special sessions at the discretion of the President.

**SECTION 4**

A quorum for a business meeting shall consist of at least three officers plus the members in good standing, present.

**SECTION 5**

A quorum being present, an affirmative vote of a majority of those present and voting is necessary to pass motions.

**ARTICLE V - EXECUTIVE BOARD****SECTION 1**

The Executive Board shall consists of the officers of the club and the station trustee.

**ARTICLE 2**

A majority of the Executive Board constitutes a guorum[sic].

**ARTICLE 3**

A quorum being present, an affirmative vote of the majority of those present and voting is necessary to pass motions.

**ARTICLE 4**

The station trustee shall be appointed by the elected members of the Executive Board and shall serve until a new station trustee is appointed.

**ARTICLE 5**

The Club Station Trustee shall be responsible for the operation of the club station. In order to discharge his/her legal responsibilities, the Club Station Trustee shall be the sole authority on club station operation.

**ARTICLE VI - COMMITTEES****SECTION 1**

The Executive Board may, from time to time, appoint committees to perform special assignments. Appointments shall be from the general membership (including associate members).

**SECTION 2**

The term of each committee shall end on August 31 each year unless extended by the Executive Board.

**ARTICLE VII - PARLIAMENTARY AUTHORITY****SECTION 1**

The rules contained in Roberts Rules of Order, By General Henry M. Robert, shall govern the club in all cases to which they are applicable and in which they are not inconsistent with these by-laws[sic] or the special rules of this club.

**ARTICLE VIII - AMENDING THESE BY-LAWS[sic]****SECTION 1**

These by-laws[sic] may be amended by a member presenting the amendment in writing to the Secretary at a regular business meeting. At the next regular business meeting, the secretary shall read the proposed amendment to the present members. At the following regular business meeting, the amendment shall be put to a vote. A quorum being present, an affirmative vote of two-thirds (2/3) of the present eligible and voting members is required for passage.

**Xerox Amateur Radio Club**  
**BYLAWS**

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**SECTION 2**

Associate membership shall be open to all Xerox employees, their spouses and members of their immediate families who are not licensed but are interested in the objectives of the club.

**SECTION 3**

As to all matters involving the management and operation of the club, each member in good standing will be entitled to one vote.

**SECTION 4**

- All members and associate members shall pay dues of *ten* dollars (\$10.00) per year, or fraction thereof. Dues are due and payable by the regular business meeting each *November*.

**SECTION 5**

Dues are not refundable for any reason.

**SECTION 6**

All funds of the club shall be held by the treasurer in such manner as approved by the Executive Board.

**SECTION 7**

To be in good standing, a member's dues must be paid up to date.



## **ARTICLE III - OFFICERS**

### **SECTION 1**

- The officers of the club shall be elected by the membership and shall consist of a President, Vice-President, Secretary, Treasurer *and Repeater Trustee*.

### **SECTION 2**

All officers must be members in good standing. Two or more offices may not be held by the same person.

### **SECTION 3**

- The officers shall hold office until their successors are chosen and qualify. Each officer shall serve for a term of one year (*December 1 to November 30*), and no officer shall serve more than two years *with the exception of the Repeater Trustee*.

### **SECTION 4**

Any officer may be removed with or without cause at any time by the affirmative vote of two-thirds (2/3) of the total membership eligible to vote.

### **SECTION 5**

- Nominations for officers shall be made at the regular business meeting held in *October* each year. Officers shall be elected at the regular business meeting held in *November* each year. An affirmative vote of a majority of eligible members present shall be necessary to elect.

### **SECTION 5.1**

- *The Secretary shall provide absentee ballots to the membership at least one (1) week prior to the election. Eligible members may complete and return their ballots to the Secretary no later than the beginning of the business meeting in which elections are to take place. Ballots submitted electronically will be credited with the date/time on the postmark. The Secretary will return a confirmation copy of an electronic ballot to the sender. All hardcopy absentee ballots must be signed by the voter. The Secretary will reveal the totals from the absentee ballots only after those present at the business meeting have voted.*

## (ARTICLE III - OFFICERS, CONT'D.)

**SECTION 6**

- The President shall be the chief executive of the club. *The President* shall preside at all meetings of the club members, shall preside at all meetings of the Executive Board, shall be an ex-officio member of all committees, shall see that all orders and resolutions of the Executive Board are carried into effect, and shall have such other powers and duties as are vested in him by an affirmative vote of two-thirds (2/3) of the total membership eligible to vote.

**SECTION 7**

- The Vice-President shall take the place of the president and perform *the Presidents* duties whenever the President shall be absent or unable to act.

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The Secretary shall attend all regular business meetings of the club. *The Secretary* shall also attend all meetings of the Executive Board and record all votes and the minutes of all proceedings. *The Secretary* shall give, or cause to be given, notice of all meetings of the members and of the Executive Board. The Executive Board may appoint an Assistant Secretary to assist the Secretary in his/her duties.

**SECTION 9**

The Treasurer shall have the custody of the club funds and securities and shall keep full and accurate chronological accounts of receipts and disbursements in books belonging to the club, and shall deposit all monies and other valuable effects in the name, and to the credit of, the club in such depositories as may be designated by the Executive Board.

**SECTION 10**

- The *President* shall represent the club in all dealings with the Xerox Recreation Association.

- **SECTION 10.1**

*The Repeater Trustee shall be responsible for the operation of the club repeater station. In order to discharge the Trustees legal responsibilities, the Repeater Trustee shall be the final authority on repeater station operation.*

**SECTION 11**

**DELETED**

**ARTICLE IV - MEETINGS****● SECTION 1**

Regular business meetings shall be held on the *third Thursday* of each month from September until June at the time and place set by the Executive Board.

**● SECTION 2**

*Deleted. Covered by section 3.*

**SECTION 3**

The Executive Board may meet in special sessions at the discretion of the President.

**SECTION 4**

A quorum for a business meeting shall consist of at least three officers plus the members in good standing, present.

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**ARTICLE 2**

A majority of the Executive Board constitutes a quorum.

**ARTICLE 3**

A quorum being present, an affirmative vote of the majority of those present and voting is necessary to pass motions.

**ARTICLE 4**

- The *Club* station trustee shall be appointed by the elected members of the Executive Board and shall serve until a new *Club* station trustee is appointed.

**ARTICLE 5**

- The Club Station Trustee shall be responsible for the operation of the club station. In order to discharge *Trustees* legal responsibilities, the Club Station Trustee shall be the *final* authority on club station operation.

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# THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts. It is a science which seeks to explain the processes which have shaped the earth and its various parts. The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts. It is a science which seeks to explain the processes which have shaped the earth and its various parts.