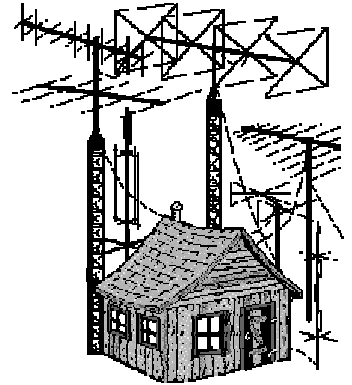


*Special Thirtieth Anniversary Edition*

# IREDELL WIRELESS W4SNC



Published monthly as a service to the Iredell County Amateur Radio Community  
By the Iredell County Amateur Radio Society (ICARS)  
P.O. Box 142 Statesville NC 28687

**ICARS Website**  
**[www.icarsonline.org](http://www.icarsonline.org)**

**President: Margie Persons, KE4YWO~~Vice President: Mike Bryan, WA6KWW**  
**Secretary: Jim Hoke, W4ONS~~Treasurer: Matthew Carbone, KC2JSR**  
**Members-at-Large: Walt Schwarzl, AG4AU~~David Damron, KI4CBZ**

Wireless Editor, Tim Misenheimer KC4MJC  
Special thanks to Mike Gaither, KC4KSX for printing the Iredell Wireless.

**September 2006**

***This month's Meeting will be held at McClure Park,  
Saturday September 16 2006, 3:00PM to 7:00PM.  
Special 30<sup>th</sup> Anniversary covered dish supper, at  
5:00PM. All ICARS members and former members,  
and their families are encouraged to attend!***

**August 10, 2006**  
**Iredell County Amateur Radio Society Meeting Minutes**

The Iredell County Amateur Radio Society met at Julia's Tally House for the regular monthly meeting. In the absence of President Margie Persons, KE4YWO, Vice-President Mike Bryan, WA6KWW called the meeting to order at 7:05 PM. Fifteen (15) members and five (5) guests were present. Those present introduced themselves.

**Minutes** -- A motion that the minutes as published be approved was made and seconded. Motion carried.

**Treasurer's Report** -- Treasurer Matt, KC2JSR presented and submitted a written report dated 08/10/06.

Previous Balance.....	\$720.82
Check to Don Summers Shipping Duplexer.....	\$40.00
Check to Statesville Parks 30th Anniversary.....	\$22.00
Deposit Dues.....	\$15.00
Deposit Proceeds Sale of Duplexer.....	\$350.00
Ending Balance.....	\$1,023.82

**Old Business** -- Field Day Chairman Tim, KC4MJC stated that the report of activities has been submitted to the ARRL.

**Technical Committee** -- Chairman Don, W4DON reported the HF Bird Wattmeter slug approved for purchase at the last meeting has been received. He has not met with Larry, WD4LXC to determine the asking price for the tower/s. He is waiting for cooler weather for the construction of the boxes for the beams.

**ICARS Thirtieth Anniversary Picnic** – We are looking forward to the picnic at McClure Park Saturday, September 16, 2006, 3:00 PM - 7:00 PM. The September meeting will be held at that time. Everyone is to bring a covered dish. John, WB4WRY will bring soft drinks, paper plates and utensils. Remember to invite any amateurs that might be interested. Thanks to Don, W4DON who obtained the park Facility Permit.

**ARES Report** -- Chairman of the Emergency Preparedness Committee Rick, KE4TEP reported that according to an e-mail from David at ECOM, the two-meter rig has been purchased. It is a Yaesu 1802. It will be set up in the back room and will be in operation 24/7. Brad holds an amateur license. Rick will program the rig. New badges designed according to the ARRL format will be made at the September ARES meeting at a cost of \$7.00. Old badges will no longer be valid after the new badges are made.

**New Business** -- Catherine, WB4CAT announced the Dixie Radio Pirates are having an antenna building party at her QTH August 19, 2006. Their club call is N4ARR. All are invited to attend.

The National Weather Service needs an amateur reporting station from North Iredell. Net control operators are needed. There is also a need for additional check-ins.

The Balloon Rally will be held October 27, 28, and 29. ICARS participation will be discussed at the September meeting. Participation will be open to all radio amateurs. David Martin contacted Mike about ARES helping with the Balloon Rally.

The next ICARS meeting will be at the Thirtieth Anniversary Picnic at McClure Park, Saturday, September 16, 2006 between the hours of 3:00 PM and 7:00 PM.

With no further business, the meeting was adjourned at 7:58 PM.

Jim Hoke, CPBE, W4ONS

July 1976

This NEWSLETTER is addressed to all licensed and potentially licensed amateur radio operators. Its main purpose is to arouse the interest of local hams, and to encourage those who are not yet licensed. After reading this newsletter, I believe you will agree that amateur radio is gaining ground in Iredell county, and that we should all consider forming a club. We would like to hear from you all concerning this idea, and invite any suggestions.

In order to encourage growth in our amateur population, Don Summers and Fred Stiening are teaching a class in amateur radio this summer. They have 23 students, and the class meets every Tuesday night at 7:00 in room 103 of Mitchell College. You are invited to sit in on these classes any time, It would be a good opportunity to talk to us about ham activities in Statesville, and meet Statesvilles future amateurs. A list of the 23 is given below. Any others interested in enrolling in the class will hopefully be accommodated in a future class.

Bobby D. Brawley  
Daniel O. Dishman  
Kenneth M. Levan  
Gary W. Sipes  
Ronald G. Underwood  
Allan Compton  
Walton Billings  
Johnny Levan

Lou A. Burgess  
Walter L. Hensley, Jr.  
Cathie W. Meadows  
William L. Stroud  
Ronnie G. Underwood, Jr.  
Dr. Lanier Ogburn  
Donald McDaniels  
Steve Sallee

Michael W. Carson  
John F. Lamson, II  
Cecil C. Ram, M.D.  
Garnet H. Underwood  
Paul Klaene  
Nelda Bruton  
James Burr

Over the Christmas holidays, Dave Conley, WH4YJQ and Kent Englebert, WH4YJP set up a very impressive display at Signal Hill Mall. Unfortunately, they were unable to transmit because they could not get an antenna to the roof, but it drew a lot of attention anyway. The ARRL supplied them with plenty of informative pamphlets to hand out, and a world prefix map with some sample operating awards; QSL cards from all over the world were also on the bulletin board along with the material supplied by the league. A picture of Oscar 7 represented our two satellites, and aroused a few questions. The equipment represented many facets of amateur radio. The thing that attracted the most people was the Slow-Scan TV display. There was a camera with fast scan monitor where people could see themselves, and a receiving slow-scan monitor to display pictures sent by other amateurs. The slow-scan monitor got its input through a Drake TR-4C Transciever with RV-4C Remote VFO. There was another TR-4C Transceiver on the other side of the table to receive regular SSB and serve as a code practice oscillator so people could try their fist on a "bug" (a type of semi-automatic keyer). Between the two transceivers was a Heath SB-220 2000 watt amplifier with a Heath HW-7 2 watt CW rig on top of it.

ATK 5.6.198

Unfortunately, the 2000 watt amplifier drew the most attention of the two (mainly from CB'ers, of course). Later Vinson Smith, WB4 TBP brought in some 2 meter gear. There will be a bigger and better mall display in the near future due to the great success of the last one.

The idea of a 2 meter FM repeater for Iredell County is finally being realized. The repeater along with the close-knit organization needed to maintain it will bring Statesville area amateurs up to the level of activity that amateurs in Salisbury and Winston Salem have known for some time as a consequence of their repeaters. K4PAJ, Don Summers and WA4 LMW, Ray Smith have led the way in bringing a repeater to the City of Progress. K4PAJ has applied for and received a repeater frequency allotment of 146.01 MHz transmit and 146.61 receive from the N.C. Frequency Coordinator. The proposed repeater as well as several local hams are already members of the Carolinas Virginia Repeater Association (CVRA). At this time a 15 watt VHF Engineering Repeater complete with duplexer and a single sight location is being considered. From the proposed Stearnes Building location, the repeater will have approximately a 30 mile radius, with stations 50-60 miles west of Statesville having access to the repeater. The cost of the repeater itself is \$465, with the duplexer costing \$349 in kit form. This brings the total cost of the on the air repeater to approximately \$900. The license is now being applied for from the FCC and K4PAJ hopes to have the repeater operational within the next year. Several local operators are on the air now, with a number of others in the county pledging support of the new repeater. Those on "two" at this time are Don, K4PAJ; Fred Stiening, K4EYQ; Vince Smith, WB4TBP; Ray Smith, WA4 LMW; and Bill Bruton, K4TBJ. Others hoping to see the repeater on the air soon are WA4CAJ, WB4PAW, WA4PMK, WB4YJQ, and WB4YJP, DR. Lanier Ogburn and Steve Sallee. If you have been inactive for a while or have never worked the VHF region of the amateur spectrum, here is your chance to get in on the ground floor. Information can be obtained from any of the hams listed above, with K4PAJ providing the facts.

For information about operating events, local Hamfests, WLAW schedule, and about anything that happens which pertains to amateur radio, please consult a recent issue of QST. ARRL membership, which includes one year of QST is \$9.00. The address is ARRL, 225 Main St., Newington, Connecticut 06111. Everyone who has a genuine interest in ham radio (licensed or not) <sup>is</sup> encouraged to join. Further information about the American Radio Relay League can be obtained from any of the above mentioned amateurs.

Authors: Dave, WB4YJQ of Kent, WB4YJP  
at Don, K4PAJ request  
de AT46 files 198

## **Class Set In Radio**

Mitchell Community College's continuing education department will offer a novice class amateur radio operators course beginning Tuesday, June 29, at 7 p.m. in the old courthouse.

The course, to be taught by licensed amateur radio operators Fred Stiening and Donald Summers, is open to all people interested in the science of radio communication and operation.

Persons interested in obtaining a general class license are encouraged to enroll so that they may begin to learn the code and theory of ham radio operation. CB operators are also welcome.

The course is 10 weeks in length and will meet from 7-9 p.m. on Tuesday evenings. The registration charge is \$3 and pre-registration may be accomplished by calling 873-2201, extension 235. **Jun 76**

## **New Club Organized**

Iredell County Amateur Radio Society was organized Sept. 9 by a group of about 40 local ham radio operators.

A constitution and by-laws was adopted by the group, and officers elected were as follows: Don Summers, president; Steve Sallee, vice president; Beverly Stroud, secretary; and Coit Ruffy, treasurer.

Summers presented a program on the construction and operation of a two-meter FM Repeater for Statesville. Those attending voted to support such a project.

The purpose of the Iredell County Amateur Radio Society as stated in the constitution is to further the exchange of information and cooperation between members; to promote radio knowledge, fraternalism and individual operating; to conduct club programs and activities as to advance the general interest and welfare of amateur radio in the community; and to be prepared to serve in time of need as a public service to the city, county, state and federal governments.

**Sept. 76**

IREDELL COUNTY AMATEUR RADIO SOCIETY

Organized September 9, 1976  
Statesville, N.C.

Donald Summers, Pres.

Steve Sallee

Ronald Underwood

Loy L. Bryan

Cecil C. Ram

Hobly Mills

Carl W. Hight, Treasury

Paul E. Klaene

David J. Conley

William L. Strend

John F. Lamen II

Laurie Eglum

Janny Fisher

Walter L. Deasly

Michael Carson

Garnet Underwood

Ronnie Underwood

Hugh P. Henline

## TO THE STUDENT

The objective of this course is to help you gain the necessary knowledge to obtain your Novice Class amateur radio license. Statistics prove that the quickest and most effective way to the General Class license is to start as a Novice. This course is aimed toward an amateur radio license, and discussion of other radio services is discouraged, except when they relate to amateur radio.

We have a deep interest in you as a prospective radio amateur; the amateur service needs you in its ranks, and our goal is to get you started "on the right foot" in our hobby. Amateur radio is the only hobby in the world that requires a license. We are confident you will be successful in your studies or we wouldn't be conducting this class.

Most students begin these classes with little or no prior knowledge of either the code or electronics. Very little math background is required. Although a few licensed amateurs take this course for a refresher, do not assume anyone else in the class is "ahead" of you in either code or theory.

Students are encouraged to ask questions, and are advised to take notes during the class. No question will be ignored. Everyone is expected to do the work; we will only be helping you, not "checking up" on you.

When you have completed this course, we have the FCC forms available and you can take your test in class; you do not have to appear before an FCC examiner to take the Novice Class exam. You will be given the code test at end of course. When you have passed the code test an application for the Novice Test will be mailed to FCC. The FCC will mail the examination to the volunteer examiner, who must be a General Class or above licensed amateur and 21 years of age or older.

We asked that all students make every effort to be in class on time. Bring your copies of "How to Become a Radio Amateur" and "The Radio Amateur's License Manual" to every class. Each student will furnish their own pencil and paper.

A majority of your time for the first few weeks will be devoted to learning the code; once you are working only on increasing your speed, you will be spending a greater percentage of your time on theory. Some of you may have acquired some bad code habits, which must be broken. Those of you who have no previous exposure to the code may actually have an advantage.

Learning code will require a certain amount of home practice every day. Don't be discouraged; learning the code may not be easy, but it's not impossible. Once you have mastered it, you will never forget it, and with on-the-air practice as a Novice, you will increase your speed to the General Class level and have fun at the same time.

If you don't already have a key, we suggest you buy one, along with a code practice oscillator or buzzer. We also recommend you avoid "bugs," electronic keyers, and other specialized devices, until you have mastered sending on a straight key. Use only the straight key during this course.

Each one of you will be given study guides for the Novice Class Examination. These study guides are supplied by the FCC. Each section of the study guide will have a "sample question". This is the type question that will appear on your Novice Examination. We suggest that you use this as your "home study guide".

We look forward to a fun time in class each week, the beginning of a great and rewarding hobby of "Amateur Radio".