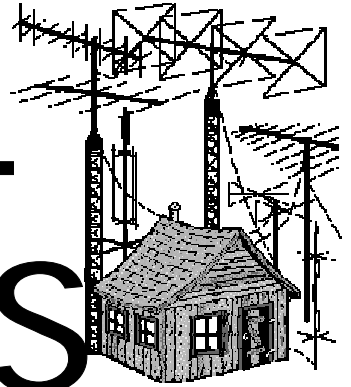




IREDELL WIRELESS



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

President: Larry Earle, WD4LXC~~Vice President: Margie Persons, KE4YWO
Secretary: Tim Misenheimer, KC4MJC~~Treasurer: John Lamson, WB4WRY
Members-at-Large: Lee McClure, KE4ERH~~Mike Bryan, WA6KWW

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

December 2004

December Meeting will be
Saturday December 11 2004 at
The GOLDEN CORAL. Hwy. 21
Just North of I-40 on the left.
6:00 till 9:00 P.M.

Newly elected Officers to be sworn in:

President---Margie Persons KE4YWO
Vice-President-- Mike Bryan WA6KWW
Secretary---Tim Misenheimer KC4MJC
Treasurer---John Lamson WB4WRY
Member-At-Large Walt Schwarzl AG4AU
Member-At-Large Buddy Eaton KG4DKN

**IREDELL COUNTY AMATEUR RADIO SOCIETY
NOVEMBER 11 2004
MEETING MINUTES**

The Iredell County Amateur Radio Society met at Julia's Tally House for the November 11 2004 meeting. There were 14 members and three visitors present. President Larry Earle, WD4LXC called the meeting to order at 7:00 PM. There was such a good group present that Larry asked everyone to introduce themselves. Larry then asked if everyone had received his or her Iredell Wireless Newsletter. Larry then asked for approval of last month's meeting minutes, as printed in the October Wireless. A motion was made, and then seconded to approve the minutes as written. The group unanimously approved the minutes. Larry said the next order of business was the reading of the Treasurers report. He then asked John Lamson, WB4WRY, treasurer for the report. John reported a beginning balance of \$207.35. One check was written for newsletter postage. This amount was \$37.00. This leaves the ending balance of \$170.35. Larry asked for a motion to accept the treasurer's report. A motion was made to accept the report. Then the motion was seconded. The report was approved. John Lamson, WB4WRY, chairman of the Nominating Committee was to present the slate of nominees for ICARS Offices for 2005. The Nominees are:

**President---Margie Persons KE4YWO
Vice-President-- Mike Bryan WA6KWW
Secretary---Tim Misenheimer KC4MJC
Treasurer---John Lamson WB4WRY
Member-At-Large Walt Schwarzl AG4AU
Member-At-Large Buddy Eaton KG4DKN**

John noted that his job was very easy this year because, people **volunteered** for office! He also thanked his nominating committee members. John then asked for any nominations, for any office, from the floor. None were heard. John, WB4WRY then made a motion to vote the nominees into office. The motion was seconded. It was then unanimously approved. New officers to be installed at next month's meeting. Mike Bryan, WA6KWW mentioned the new Iredell County ARES forms that were printed in the November Iredell Wireless. He asked everyone interested in ARES to fill out the new form and send it to Tim Misenheimer KC4MJC. He said the new form would help the DEC and EC to get a better idea of what equipment, what frequencies you could operate on and man/women power was available to ARES. Some discussion about ARES followed. Larry Earle WD4LXC, Ham Of The Year for 2003, and then handed out paper to vote for Ham Of The Year for 2004. Tim, KC4MJC then told the club that Don Summers, W4DON is working on the Hamtronics repeater in hopes of getting it back on the air. Larry then reminded the group that the meeting next month will be held Saturday December the 11th at the Golden Coral (not the OK Coral HI) Hwy 21 just North of I-40. on the left. Meeting starts at 6:00PM till 9:00PM. Larry next introduced John Covington, W4CC, Section Manager for North Carolina. John filled us in on numerous topics concerning area amateurs. After the program, the meeting was adjourned.

Respectfully Submitted
Tim Misenheimer KC4MJC Sec.

Newly elected club President, Margie Persons, KE4YWO ask's everyone who **IS** an **ARRL** member please contact her at ke4ywo@aol.com or 704-664-7204 and let her know you are a member.

Closed Repeaters Stink

Wayne Sewell (K5CUR) on November 9, 2004

When you are studying for the exams, you often see the statement "no one person or group owns a particular frequency" or words to that effect. However, in the case of closed repeaters, that statement does not appear to be true. I don't want to get into the semantics of "own", but if the repeater coordination authority grants a particular frequency to a closed repeater, and the FCC always finds against the "uncoordinated" licensee in interference cases, then those particular groups of hams are the only ones allowed to broadcast on that frequency in a certain geographic area. -- Sure sounds like ownership to me. Sure, I understand that repeaters cost money to operate, and the money has to come from somewhere. But let's hold off on the "freeloaders" argument for a moment. In a large metropolitan area such as Houston, which is like 50 miles across, there are a lot of repeaters, 2 meters, 440, a few 220, and even a couple of 6-meter ones. On paper anyway, not sure how many of these actually exist. But I have heard carriers and IDs from quite a few. Things are spread far apart here, so you might go through several coverage areas before you get to your destination -- and therefore several repeaters. Say everything was closed, which appears to be the case in some parts of the country. Could you afford to support every repeater in the entire area? Or even enough repeaters to cover the places you normally frequent? Or do you just use your radio within a few miles of your house and turn it off the rest of the time? I am a member of more than one club, and therefore support more than one repeater. Not surprisingly, these are the machines closest to me, because I use them the most often. Use of other repeaters depends on where I am going. So would I be a "freeloader" on those repeaters? I suppose so. On the other hand, those repeaters have local members who support them and those people are able to "freeload" on our repeaters. It all balances out, you know? And this doesn't even address travelers, who would of course not be members of any of the local clubs/repeaters. If they looked in the book/cd-rom/database and found all local repeaters were closed, they would know there was no point in even bringing their radio on the trip. Yes, there are many people who truly are freeloaders, who don't support any club or repeater anywhere, and that is a problem. On the other hand, many open repeaters manage to stay on the air anyway. Closing a repeater could be considered giving up, i.e. a failure in resource management. If we simply MUST have closed repeaters, perhaps it could be done in such a way that more people could utilize the repeater, yet the trustees would still receive the financial support they need. Perhaps computer clubs could have reciprocal agreements such that members of sister clubs could have access to the repeater. This would solve the "I can access my repeater but no one else's" problem. True, no additional money would be received by the repeater this way, as each member would still pay dues only to his own club, but it WOULD keep out the freeloaders. Everybody on the repeater is paying SOMEBODY. This could even be done at a city/county/area level, sort of a "area repeater membership", such that everyone who has a membership in the super-club could access any of the associated repeaters. Again, this would keep out the total freeloaders. Admittedly, this would require infrastructure/bureaucracy and there would be a greater possibility of financial hanky-panky with greater amounts of money administered from a central location. It's just a thought.

Contributed by Debbie, W0CJV

60-meter operation

by W4DON

60-meter operation began on August 3, 2003 at 0000 hrs EDST.

First, for late models of Ten-Tec transceivers.

Table 1

Ten-Tec Firmware Version for 60-meters

MODEL	VERSION
Pegasus	1.201
Jupiter	1.24
Argonaut V	1.07

Note: OMNI VI+, Scout and earlier Ten-Tec models will **NOT** operate on 60-meters.

Second, if you have a transceiver that will meet specs listed below then you may be able to operate on the **assigned 60-meter frequencies**. Setup steps:

- 1- Carefully set the VFO to only the frequencies in Table 2 below. (**No drifting.**)
- 2- The MODE must be on **USB** for any operation of these five new frequencies.
- 3- Set TX Bandwidth to **2250 Hz maximum** to keep emissions within +/- 1.4 khz of the channel center at least 26 dB below peak output power.
- 4- Make sure transceiver **XIT** is turned **OFF** and remains off.
- 5- Using a dummy load and an accurate wattmeter whistle into the microphone and adjust output power to **NO MORE THAN 50 WATTS** on USB.
- 6- The 50-watt power setting assumes a 60-meter dipole antenna. If your antenna has gain in any direction, you must reduce power accordingly.
Example: If your antenna has a gain of 3 dB on 60-meters then the maximum output power must be reduced to 25 watts in step 5 above.
- 7- The **ERP** must not exceed 50 watts.

Table 2

VFO Settings

Channel Center	VFO Setting
5332 kHz	5330.5 kHz
5348 kHz	5346.5 kHz
5368 kHz	5366.5 kHz
5373 kHz	5371.5 kHz
5405 kHz Amateurs in the UK have access to this channel	5403.5 kHz UK DX possible

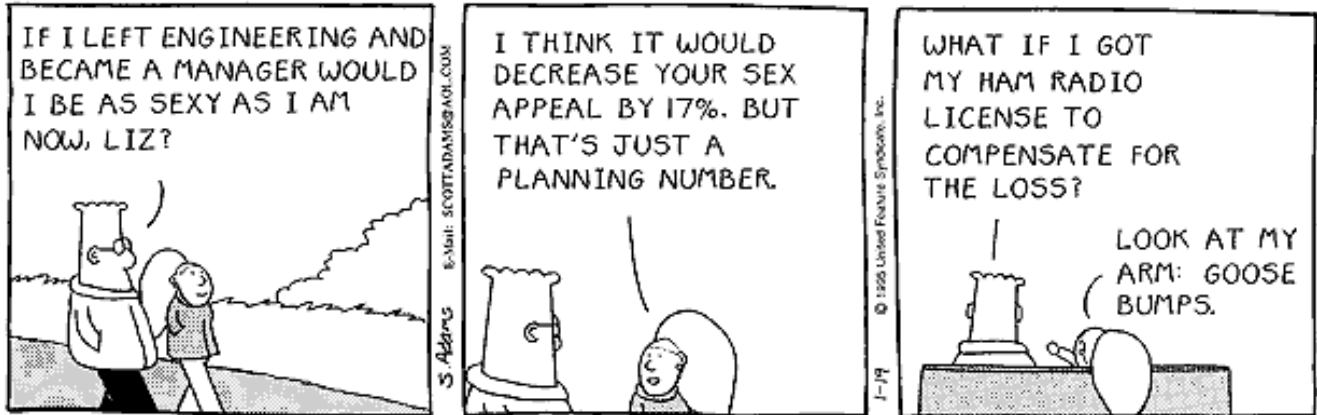
It is recommended that you store the carrier frequencies, VFO settings, from **Table 2** into five of the available memories for easy recall. After the transmitter is legally set up for 60-meter USB transmissions those settings should be written down for later use.

I am available for a 60 meter schedule if interested. Best regards, Don

Hamtronics RPT-200 Repeater Update

Thanks to the efforts of Don Summers, W4DON and Bobby Brawley, WA4WRS the Hamtronics RPT-200 Repeater, (old 147.045, that was struck by lightning) is operational again. There are still some minor bugs to work out. The repeater also needs to be tuned for 146.685 use. This will take some time and effort. After some bench testing, the repeater will be put on the air for field-testing. This probably will be after the first of the year. Many thanks to Don and Bobby for all the hard work and man-hours put into this machine.

DILBERT



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Editorial notes

You may have noticed that the last couple of month's that you did not receive a copy of the **Iredell Wireless**, but a copy of **REDELL WIRELESS**, no (I) in Iredell. I apologize for this error. My spellchecker did not catch it. HI.

I have only received 7 filled in New ARES forms. Some were incomplete. Please sign the first page and date it. Please fill the form out as completely as you can. Also note what equipment you have available, **for ARES use**, if needed. I know you probably have equipment you don't to drag to a site somewhere. We need to know what you are willing to bring. Some listed no equipment at all. Forms can be found on www.icarsonline.org and go to the ARES page, download and fill it out. Send to Tim Misenheimer, KC4MJC
320 Hawthorne Drive.
Statesville NC 28677

If you have something you would like to put in the Wireless, send it to me. E-mail kc4mjc@ststesville.net or to the above address.

Thanks Tim KC4MJC