

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.

February 2004

*The Iredell County Amateur Radio Society will meet at
Julia's Tally House Thursday February 12, 2004.
Come and eat at 6:00pm. The meeting starts at 7:00pm.
Bring the family. Everyone welcome!*

The following have started the new year right , by paying their 2004 dues!

KC4KQC	JOHNNY	W4ONS	JIM
AG4AU	WALT	N4ACF	RALPH
KG4DKN	BUDDY	WB4WRY	JOHN
W0MGB	BOB	N8RDP	HARLAN
W4RSD	STEVE	N1GC	GARY
N4SUE	SUE	KU4AM	HERMAN
KI4YV	BOB		

Add YOUR name to this list at the next meeting!!

**January 8 2004 Iredell County Amateur Radio Society
Meeting Minutes**

The Iredell County Amateur Radio Society met at Julia's Tally House for the monthly meeting. There were seven members and two guests present. Mike Bryan WA6KWW was moderator for the meeting in the absence of President Larry Earle WD4LXC. Mike first asked if everyone received their copy of the Iredell Wireless newsletter Mike then asked for a motion to approve the minutes of last month's meeting, as printed in the newsletter. A motion was made. It was seconded and then approved. Next Mike asked for a report from John Lamson, WB4WRY, ICARS treasurer. John reported a beginning balance of \$485.91. No checks written. No deposits made, and an ending balance of \$485.91. Mike then asked for a motion to approve the treasurers report. The motion was made, then seconded. The motion was approved.

The first topic of discussion was the need of a new net Manager. Tim Misenheimer, KC4MJC resigned as net manager citing the club needed a new face in the position. Some discussion followed but the position remained open. Jim Hoke, W4ONS said he would start a list of names for the nets but did not want the position.

Next an informal discussion of Amateur Radio Emergency Services (ARES) and Simulated Emergency Tests (SET)'s followed. After the discussion the meeting was adjourned.

Respectfully submitted,
Tim Misenheimer KC4MJC
John Lamson WB4WRY

"Elkin Hamfest is on AGAIN!!!"

**Sunday February 22, 2004
8:00 a.m.
at the Elkin recreation center gym
located on Hwy 268 west
going out of Elkin toward Wilkesboro
just before Henderson & Wood Chevy, Dodge.**

**\$5.00 admission
\$5.00 for a selling table.**

A VE team is already in a place for testing

Talk in is 145.370- (94.8 Hz PL Tone)

Some contacts are:

Drew Poindexter AD4T ad4t@triad.rr.net,
Larry Macemore K4LJM, k4ljm@earthlink.net,
Mike Finney W4YDK, w4ydk@wmconnect.com

AO-7 turns 30!

The oldest working satellite, AO-7, will mark its 30th year in space during 2004. The satellite, which came back to life in mid-2002, was launched November 15, 1974, and it remained operational until 1981, when it went dark due to battery failure. It remained dormant--and largely forgotten--until it suddenly and unexpectedly sprang back to life. AO-7 is in a 1460 km orbit, and AMSAT-NA considers the satellite "semi-operational." Jan King, W3GEY reports AO-7 <http://www.amsat.org/amsat/news/wsr.html#ao-7> is running solely from its solar panels, so it will only work when in sunlight. It has a Mode A uplink passband at 145.850 to 145.950 MHz and a downlink passband at 29.400 to 29.500 MHz (CW/USB). Beacons are at 29.502, 145.972, 435.1 and 2304.1 MHz. Ground controllers have only been able to activate some command functions. It also contains a Mode B transponder. To mark the satellite's 30th anniversary, AMSAT-NA will make available a special commemorative QSL card. AMSAT-NA Board Member and Awards Manager Bruce Paige, KK5DO, reports additional information will be available on the AMSAT-NA Web site <http://www.amsat.org/>.

Source:

The ARRL Letter Vol. 23, No. 03 January 16, 2004

	2 Meter FM Wednesday		SSB Net Saturday
DATE	146.685 at 9:00 PM	DATE	28.468 at 9:00 PM
02/11/04	W4ONS	02/14/04	
02/18/04	W4UFO	02/21/04	
02/25/04	W4DON	02/28/04	KC4MJC
03/03/04	W4RSD	03/06/04	W4DON
03/10/04	KQ4O	03/13/04	KE4ERH
03/17/04	N4SUE	03/20/04	KQ4O
03/24/04	AG4AU	03/27/04	AE4RL
03/31/04	KG4RZU	04/03/04	AG4AU
04/07/04	KG4JRF	04/10/04	W4RTW
04/14/04	W4RTW	04/17/04	KC4MJC
04/21/04	AG4AU	04/24/04	N4ACF
04/28/04	W4SDT	05/01/04	W4UFO

Don Summers, W4DON pulled the Mark IV repeater off the air January 23 2004 and put the back-up machine in place. He has done quite a bit of work on the machine. This is what he has done and what he wants to do before it goes back in operation. (see below) Don deserves a big hand for all his work so far and all he plans to do. I wish to thank Don personally for all the help and patience , teaching me the ropes about the repeater. Thanks Don !!

Tim Misenheimer KC4MJC Editor

Work list:

- 1-Get WSIC audio out of autopatch - *completed*
- 2-Adjust CW, MultiFax and Receiver levels - *completed*
- 3-Check power output - Found at 12 watts. Retuned and only got 17 watts.
(The PA is rated at 30 watts.) Problem undetermined at present.
(DC supply to amp is 22 volts. Supposed to be 24 volts)
- 4-Check the receiver frequency - Waiting on access to service monitor.
- 5-Check the transmitter frequency - ditto above.
- 6-Check the transmitter modulation deviation - ditto above.
- 7-Locate repeater microphone w/TTP or purchase one. (Connector on hand).

Due to weather conditions on Jan 25, 26, and 27 these repairs will be delay.

Other work:

Typing manual into computer in two forms, original and present ICARS setup.
Sending ICARS versions to Trustee for his use.
Continue to assist Trustee in learning how to use repeater commands.

What I'd would like to see done. Many stations have too much audio while others have too little audio level and others probably are properly set.

Suggested future ICARS meeting Program:

Check members 2-meter transceivers with a service monitor:

- 1-Check transmitting frequency
- 2-Check transmitting modulation deviation (5 kHz max)
- 3-Check transmitting audio level
- 4-Check touch-tone levels to modulate NO MORE than 3.5 kHz. (per Mark 4 manual)
- 5-Check RF power output.
- 6-Check receiving sensitivity in microvolts.

No adjustments would be made during checks so everyone's transceivers can be checked, hopefully, during meeting time period.
If problems are found with a members transmitting parameters then that will have to be solved by member or arranging someone with service monitor to make adjustments.

Dates	Type	Event and Contact	Location
29 Feb 2004	+	Vienna Wireless Society http://www.viennawireless.org Contact: Jim Parsons, W4JTP 11011 Moxleys Ford Lane Bristow, VA 20136 Phone: 703-392-0150 Email: W4JTP@aol.com	Annandale, VA Div: Roanoke Sect: Virginia
13-14 Mar 2004	*	North Carolina Section Convention Mecklenburg ARS http://www.w4bfb.org Contact: Tim Slay, N4IB 141 Queens Cove Road Mooresville, NC 28117 Phone: 704-948-7373 Email: hamfest@w4bfb.org	Charlotte, NC Div: Roanoke Sect: North Carolina
21 Mar 2004	+	Down East Hamfest Association Contact: Jean DuPree, KB4OHX 212 East Capitola Avenue Kinston, NC 28501 Phone: 252-523-2703 Email: jeanhd@icomnet.com	Kinston, NC Div: Roanoke Sect: North Carolina
4 Apr 2004	*	North Carolina State Convention Raleigh ARS http://www.rars.org/hamfest Contact: Chuck Littlewood, K4HF 2005 Quail Ridge Road Raleigh, NC 27609 Phone: 919-872-6555 Email: k4hf@arrl.net	Raleigh, NC Div: Roanoke Sect: North Carolina

According to a recent FCC audit, <http://wireless.fcc.gov/licensing/audits/220/index.html> many licensees have let their licenses expire and did not renew them. Efforts by a utility organization, <http://www.ruraltv.org/utility/220/index.htm> to gain usage of this band are being attempted.

There is a grass root effort to regain the 220-222 MHz band for amateur radio emergency use, and mainly as a nationally recognized band for county intercommunication within the contiguous United States. Act now to support this effort and tell the commercial industry, they blew it.

Copied from eham.net