



IREDELL WIRELESS

Newsletter

W4SNC 146.685- Repeater

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

Click to go to ICARS Website

www.w4snc.org

President: Donald Summers, W4DON~~Vice-President: Jim Hoke, W4ONS
Secretary: Tim Misenheimer, KC4MJC~~Treasurer: John Lamson, WB4WRY
Members-at-Large: Howard Hecht, W1HO~~Greg Cason, KJ4ENR

Wireless Editor, Tim Misenheimer KC4MJC

July 2010

This month's Meeting will be held at Julia's Tally House. July 8, 2010. Come early (6:30PM) and eat or rag chew. The Meeting Starts at 7:00 PM. All ICARS members and Families are encouraged to attend!

Iredell Wireless submission cut off date is
the first Thursday of each month.

Iredell County Amateur Radio Society

June 10 2010

Meeting Minutes

For the July 8 2010 Meeting

The Iredell County Amateur Radio Society met at Julia's Tally house for the regular monthly meeting. President Donald Summers, W4DON called the meeting to order at 7:00 PM. There were 12 Members and 3 guests present. Donald had everyone introduce themselves.

Minutes- Don, W4DON said he had a correction to make to the minutes of the May 13 2010 meeting. Don will pass the correction to Tim, KC4MJC, ICARS Secretary after the meeting.

The correction follows.

May 13th Technical Report wording revision:

W4DON, Don ordered 100 feet of rotor cable. The cable was too large to fold up and pass through hole in the tower rotor plate so new female and male connectors had to be installed on rotor cable pigtail and at rotor end of the new rotor cable.

He also installed the new crystal in Mark 4 repeater exciter but the trimmer would not bring the crystal on frequency. Reinstalled old crystal and set frequency on 146.685 MHz. Will need to replace the trimmer with a different value at a later date when repeater is on the workbench.

A motion was, then made to approve the May13, 2010 minutes as published, was made and seconded. Motion carried.

Treasurer's Report- John Lamson gave written report.

Old Business- No old business.

New Business- No new business.

Committee Reports:

Membership Committee - Several prospects were contacted.

Society Publications- Nothing new to report.

Publicity Committee- Howard Hecht W1HO reported he had sent letters to both NC Senators inviting them to Field Day. Howard also sent letters to numerous elected officials, inviting them to Field Day.

Howard said he had given up trying to contact the scouts (for Field Day) this year. They will not return his calls or E-mails. Don will post Field Day announcements at the Library and the Radio Shacks.

Awards Committee – Howard W1HO reported that he dusted off the plaques at least once a month.

Historian – Don, W4DON gave Tim, KC4MJC a little article for the archives.

Technical Report- W4DON, gave this report:

June 10th, 2010

ICARS Technical Committee Report for the month of June Meeting

There was a bad thunderstorm in the area on Sunday, May 16th, 2010. Some noise pulses were heard on the 2m repeater during the ARES Net on Monday, May 17th, 2010.

On the Wednesday, May 19th the 2m FM Net was interrupted by very high noise level noise pulses at the repeater site. It was so bad that the Net had to be conducted on simplex at 146.685 MHz.

Service call was made to the repeater site on Thursday, May 20th, 2010.

1-Repeater S-meter was indicating high level noise pulses.

2-Antenna and coax on tower looked normal.

3-Turned 1kW AM transmitter off and noise pulses disappeared.

4-When 1kW transmitter was turned back on the noise pulses returned.

5-Shaking of all tower guy cables, one at a time, on south side of tower.

No results noted.

6-Unsealed the repeater coax cable barrel junction at bottom of tower.

No problem found. Resealed junction.

7-Unsealed the repeater coax cable shield ground connection at bottom of tower.

No problem found. Resealed junction.

8-Inspected the AM transmitter antenna coupling system in enclosure.

No electrical damage or arcing noticed.

Since May 20th the noise level and pulses have gradually decreased and at times even gone away almost completely.

Conclusion: Noise generated on tower when the AM transmitter is on the air. May be a problem with their antenna system?

Don, W4DON

Emergency Preparedness Committee-Dennis White N4WHK reported there is going to be a Tabletop exercise on June 23. Rick KE4TEP will attend. Dennis reminded us that there is a big exercise planned for sometime in November. He said it is still "up in the air" what part ARES will play in the exercise. Dennis said if anyone was interested in participating in this drill to let him know ASAP, so he can inform Higher-Up's so they can plan what part ARES will play. Dennis said a new antenna was mounted on the ECOM center. This antenna will be used primarily for digital communications. Dennis also plans to make a digital To-Go-Box in the near future.

Program Committee- Next month's program will be presented by Society Publications. Critiquing the Field Day.

ICARS Directory- No report.

Respectfully Submitted,

Tim Misenheimer KCAMJC

Secretary

(If you are calling the ICARS 2 Meter FM Net on the repeater, remind stations that the repeater uses a 77hz access tone. Announce 5 minutes before net time and at the beginning of the net.)

**IREDELL COUNTY AMATEUR RADIO SOCIETY
VOICE NET FORMAT**

This is station **W4SNC** your net control station calling the ICARS (2 meter FM) (10 meter SSB) net at _____ hours local time. My name is _____ and my call is _____.

This net meets weekly at this time for the purpose of handling traffic, passing club information, training and general rag chew.

This net is provided by ICARS as a service to the amateur radio community. All radio amateurs are invited to check in and participate in this net.

If you are a newcomer to the net please check in with your call sign, name and location.

This is a directed net and stations are requested to check in according to the first letter of your call suffix.

Any station with formal traffic call **W4SNC** (Wait for checkins—then acknowledge checkins)

Any station with club announcements or training call **W4SNC** (wait for checkins then acknowledge)

Stations alpha through mike to enter the net call **W4SNC** (Acknowledge each station by call sign)

Stations November through Zulu to enter the net call **W4SNC** (Acknowledge each station)

Additional stations alpha through Zulu to enter the net call **W4SNC** (At this point go back and route formal traffic, if any and then pass club announcements, then call for training.)

This is net control station **W4SNC** calling for any other stations to enter the net? (Acknowledge any new stations)

At this point go back to the top of the check-in list and give each station a turn for comments. About half way through the list, ask for additional stations to enter the net.

After all stations have had a turn....

This is the final call for check-ins to the ICARS _____ net.

This is **W4SNC** now closing the (2 meter FM) (10 meter SSB) net at _____ hours

Local time. This net will meet next week at _____ hours local time. We would Also like to invite you to join our other nets at (mention other nets and times).

This is **W4SNC** net control station thanking everyone for checking in and now

Turning the frequency over to normal amateur use. 73's (your call and name) _____ clear.

Revised June 22 2010

I C A R S

FM and HF Nets

2 0 1 0

July

Net Manager: W4DON

2m FM NET 2100 L 146.685		10m CW Net 2000 L 28.150		10m SSB Net 2100 L 28.468 USB	
Date	NCS	Date	NCS	Date	NCS
		3	HOLIDAY W/E	3	HOLIDAY W/E
7	KC4MJC	10	N4ACF	10	WB4WRY
14	N4ACF	17	WB4WRY	17	W1HO
21	KC4MJC	24	N4WHK	24	N4ACF
28	KE4TEP	31	W4DON	31	WB4WRY

Thanks for volunteering to be a NCS

Call your Net on time

If you're unable to call your Net find a replacement NCS
NCS please give a 5 minute notice before net time.

Don't forget to file your Net Report to N4WHK & W4DON

ARES Training Net each Monday at 2100 L

ICARS was organized on September 9, 1976
Nets have been running since 1977

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