

CPARC Meeting

**How WCARES works with the EMA
How the ARRL sees ARES Changing**

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WCPSC



WILLIAMSON
COUNTY
PUBLIC SAFETY
CENTER

304 BEASLEY DR. FRANKLIN, TN
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EOC

9 Agency/Dept Tables
plus head table

9 Stations/table

Screen on each table
that can show all or
selected portions of the
main screen

30' Video screen in
segments

WCARES Radio Room



WC4E
Our GOAL
A minimum of 25 Q's per hour

Best Practices

- Use K3ZO's "Rule of THREE":
 - **THREE** get a station after calling three times, move on
 - **THREE** get a station after receiving three times, respond
- Don't waste time repeatedly calling DX that has moderate activity when the band is otherwise quiet from their area
- They are probably "waiting the band" with lots of DX!
- Insist on 5Hz until you get all the info.
- Don't beg the QSO without someone else. "Sorry, No QSO"
- Be mindful of SSB signal bandwidth
- Do for others! Don't stomp! Consider it to be returned to an unlicensed pilot!

Rates Goals

- Set an average rate you want to achieve
 - (Think QP/K) (Operating Time)
 - **Remember! 98% will only cover the average period!**
- Include minimum rates in your Strategy
- Make a change if you drop below the Rate or trend keeps moving down.

Rate	IB	QRP	Rate	SS-B	Change
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100

Be Aware of Your QSO

- Change Freq, Band, Mode
- Long Duration and QRP
- Change some Multi
- Change your QSO
- Change Something!

Call Log on the back of the operator's green t-shirt, listing various call signs and names.



Antennas

Rolling Stock

The EMA makes many pieces of their rolling stock available to us to use at events such as Field Day, charity races and runs, etc.

Tower trucks

Communication trailers

Mobile repeaters



WCARES changes since I became Emergency Coordinator

WCARES has been around formally since 1998. I am the 10th EC.

Over the years we had become set in our ways as far as meetings and nets are concerned.

My primary initiatives:

- **1. Rework meeting format to stress ARES**
- **2. Rework scheduled nets to give more real life training**
- **3. Cleanup the membership list**
- **4. Put a working committee in place to handle EMA relations, Event planning, etc.**

Monthly Meeting Format

Over the years our monthly meetings had evolved into a few announcements, a technical presentation, and the giving out “Window Prizes.”

WCARES is an ARES Group - not a Club as CPARC is.

We now begin each meeting with an ARES presentation on a topic pertinent to the group. The first several cover things like:

- 1. How ARES is set up locally up to nationally and how WCARES fits into that picture.**
- 2. A review of the Task Book and how to keep yours up to date**
- 3. How WCARES handles weather activation and NWS interface through MTEARS**

WCARES Nets

As with the meetings, our nets had evolved into simple calling the roster from a database. Sometimes the NCs would reverse or randomize the list.

This is nothing like what one would see in a real emergency situation!

Starting at the first of the year we have gone to an open call format. This will be more like what one would see in an emergency. The purposes of the nets are to test your equipment AND test the abilities of the NSc to handle a net under less than ideal conditions.

More emphasis on simplex nets. The real world when the linked repeaters are offline.

Database Cleanup

I have asked that the database be brought up to date to only include those who have continued to participate in our activities. This is in process.

We are also updating the individual member capabilities database to accurately show current:

- 1. Personal and FCC information**
- 2. FEMA courses taken**
- 3. Station capabilities - radios, antennas, modes, etc**
- 4. Mobile capabilities - radios, antennas, modes, APRS, etc**

Committee Appointments

My new group of AECs have been assigned the following areas, and each has their own sub-committee to carry out the tasks:

- **1. EOC Coordinator**
- **2. EOC Equipment Checking**
- **3. NWS Liaison**
- **4. Field Day and other Group events**
- **5. Technical Presentations**
- **6. Membership records**
- **7. Web Site**

How the ARRL sees ARES changing

TN ARES

New Section Manager – David Thomas – KN4NYI

New Section Emergency Coordinator – Jim Snyder – AJ4NO

Cumberland County – EC – Al Perkins – KA1KIX

ARES CONNECT

Reporting system being developed at ARRL HQ for feeding activity up the line and at the same time allow the local ARES and club members to see what activities are planned for their area.

The system is in trial runs in several States and is constantly evolving.

TN and the majority of the States/Sections are currently not planning on converting to it until it is refined.

The TNARES web page has the forms needed by the ECs to report up the line.

Local ARES structure will not change.

Cumberland Co ARES and CPARC

CPARC has been active for over 50 years and has a great reputation.

You have an EC and several AECs.

How should these two groups work with your EMA?

The WCARES way may not be what you need here in Cumberland Co.

Start by asking your EMA Dir what he wants or needs and build on that.

Cumberland Co ARES and CPARC

WCARES has roughly 180 members with 50 to 70 available for EMA work and ARES operations.

Cumberland Co ARES and CPARC has ??? people available to work with your EMA and handle ARES operations.

Tailor your EMA support to their wants and needs AND your staffing availabilities.

Cumberland Co ARES and CPARC

Member Training – What does the EMA require?

Minimum – FEMA ICS 100, 200, 700, and 800.

Encouraged – FEMA ICS 300 and 400, ARRL ES-001 and ES-016.

Maintain a database of the training and equipment capabilities of each ARES member. Your EMA and TEMA will want this should a deployment be ordered. Your local ARES EC needs it for planning events.

NETS

CPARC already has weekly training nets on VHF and UHF. You have a VHF simplex frequency.

Many of your members participate in the TN 3980 nets and the MTEARS nets.

Other than the MTEARS system, what do you use in a weather emergency or other local emergency?

Do your repeaters adequately cover the county?

What happens when the repeaters go down?

What is your backup plan?

NETS

Consider having periodic nets on your simplex freq or an 80M or 40M freq.

Have reliable stations in each quadrant of your county to act as relay stations.

Consider Fusion in addition to analog FM. You might be surprised.

Your terrain is similar to what we have in Williamson Co but even more severe with many areas being blocked by hills.

QUESTIONS?