

# Chickasaw Amateur Radio Association Newsletter



## The President's Corner

### CARA 2018 Year in Review

2018 was a great year for our club and members. In no particular order, here are some of the highlights: Ms Qso Party held at the Presbyterian Church in Southaven.

Field Day was at the Southaven tornado shelter. The Desoto Times did an article on our group. We had two county supervisors stop by for a tour and did a phone interview with Hamnation.

We had several people take their Technician test and several upgrades throughout the year.

We had a few weather events that activated the Desoto County weather net.

Ken W5KK received a lifetime membership to CARA. Congratulations Mr. Ken

Some of our members supported the MS-150 bike ride

Ares and Races members supported the Walls Fire/Safety day around Halloween

"A Day in the Park" was at the Olive Branch City Park. The Olive Branch Amateur Radio Club and The Chickasaw Amateur Radio Association combined resources in hosting this big event for North Ms. Sponsored by the ARRL and a host of vendors, we had almost 200 people from all over the try state area turn out for great food and over 2000.00 in prizes given out. We had a VE session that day and W5KUB recorded the event and posted it on his website. Thanks also to KG5BJC for the drone video. It was fantastic! It was great to see CARA and Obarc come together to make this one of the best "A Day in the Park" events in history. There are way too many people to personally thank for all your help, support, donations etc etc. We couldn't have done it without you!!!

I am looking forward to 2019 and am proud to be a part of this group. Thank you all very much.

Ed KF8PD

Volume 3, Issue 1

Winter 2019

### Board Members 2019

**Ed Thornsburg**  
KF8PD  
President

**Timmy Jones**  
N5PYQ  
Vice President

**Ricky Chambers**  
KF5WVJ  
Secretary

**Dorothy Cantrell**  
KF5TAV  
Treasurer

**Dean Plessala**  
KC5RDP  
Board Member

## Christmas Party 2018

Another great year came to an end with another great Christmas party. Here are some pictures of everyone having a good time. If you did not make it we missed you.



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# Field Day 2018



“Support your local nets and Check in”



## Public Service and Emergency Communication

### Amateur Radio Emergency Service® (ARES)

[Download the ARES Manual \[PDF\]](#)

[ARES Field Resources Manual \[PDF\]](#)

#### Amateur Radio Emergency Service® (ARES)

The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes.

#### ARES Membership Requirements

Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please inquire at the local level for specific information. Because ARES is an Amateur Radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

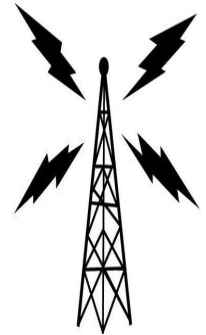
In Desoto County Mississippi we have one group of EMA Reservist comprised of 3 group classifications of members; Reservist/ARES/RACES. We provide back up support for all of Desoto County Communications where needed during outages and emergencies, we also provide an EOC presence and operation during severe storms and tornado warnings.

You do not have to be an Amateur Radio Operator to volunteer for the Desoto County EMA Reservist, However, you do need to have a valid Amateur Radio Operators License to be a part of the ARES and RACES Organizations.

We work directly under the support and supervision of the Desoto County EMA Director Chris Olson. With myself (KF5WVJ) as ARRL Emergency Coordinator and Ken Johnson (KB0ZTX) as the District Emergency Coordinator we direct the Amateur Radio side of things when a communication emergency arises. Since we fall under the ESF-2 FEMA Category we do have a few FEMA required online self study courses that need to be taken and a copy of the certificate provided, as well as some training that we will provide during our monthly meetings. These courses can be taken before or after you have applied for membership to our group. Since we are a volunteer group, there may be a few items you will be asked to purchase for use in case of deployment with the majority of tools and equipment will be provided by Desoto County.

The main requirements as a member to this organization are to attend meetings and participate in events through out the year that we are asked to attend for public service and outreach. There will be a back ground check required during the application process for the EMA side. Our meetings are held on the first Thursday of each month at 6:00 pm at 830 Old Highway 51, Nesbit, Ms. 38651. The best way to join our group is to contact myself at [kf5wvj@yahoo.com](mailto:kf5wvj@yahoo.com) and request an application or attend one of our meetings.

Thanks and "73"  
Ricky Chambers  
KF5WVJ, EMA-18  
ARRL EMER Coordinator, Desoto County  
901-486-6742



146.910 Repeater



145.370 Repeater



145.350 Repeater  
Baptist Hospital  
Desoto Southaven  
MS

We are on the Web

<http://www.qsl.net/w5gwd/>



**Chickasaw Amateur Radio  
Association**

**Chickasaw Amateur Radio  
Association  
P.O. Box 2  
Hernando, MS 38632**

***When All Else Fails Amateur  
Radio is There.***

**We are on the Web**

<http://www.qsl.net/w5gwd/>

**Become a member of CARA membership applications are on our website.** If you have any questions concerning membership, you can contact any of the Board members or E-mail the reflector at [cara-ms@yahoo.com](mailto:cara-ms@yahoo.com)  
Web Site: <http://www.qsl.net/w5gwd>

**DUES RATES PER CALENDAR YEAR (JANUARY 1 – DECEMBER 31)**  
\$30.00 - MEMBERSHIP DUES  
Make checks payable to:  
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P.O. Box 2  
Hernando, MS 38632

## **Nets**

### **Mississippi Nets**

Magnolia Section Net 3863 6:00 A.M. Mon-Fri  
Magnolia Section Net 3862 7:00 A.M. Sat-Sun  
Mississippi Phone Net 3862 5:30 P.M. Daily DST & 5:30 P.M. SDT  
Mississippi Slow Net (CW) 3543 7:00 P.M. Mon-Fri

### **Memphis & North Mississippi Area Nets**

- **Chickasaw Amateur Radio Association (CARA) 146.91 (107.2) 8:30 P.M. Every Monday**
- OBARC Net 147.255 (79.7) 8:00 P.M. Tuesday
- Panola County ARES Net 146.610 (107.2) 8:30 P.M. Wednesday
- Mid-South Barefooted Bullfrog net 146.535 7:30p Daily
- Delta Club Traffic and Information Net 146.820-(107.2) 8:00p Daily
- Med/MERS Net 146.730-(107.2) 12:00p Wednesday
- ARES Training Net 146.880-(107.2) 9:00p 2nd & 4th Thursday

**Newsletter** Editor: Jim Sanders KE5RHM. I am soliciting any photos articles or any information you would like to share. Please include names and call signs of people in the photographs with a brief description of what is happening. If you did a radio project or made some interesting contacts sent it to me. Send all photos and articles to [ke5rhm@arrl.net](mailto:ke5rhm@arrl.net).

## **Monthly CARA Meeting**

We meet at Whitfield Electric 222 Kapik Rd Hernando, MS 38632 Hope to see you there. Meeting time will be 7:00pm. Testing will start at 6:00pm.

## **CARA Website**

We are still soliciting pictures or other content you would like to see posted on the website. If you have something you would like to contribute or see posted please send me an email at [kf5bti@gmail.com](mailto:kf5bti@gmail.com)

## **Area Hamfest**

FreeFest April 13, 2019 Bartlett, TN  
Corinth MS July 14, 2019  
Huntsville August 17 & 18, 2019

## HOW TO PRINT YOUR FCC LICENSE

1. Go to [fcc.gov/uls](http://fcc.gov/uls)
2. Go to OnLineFiling box, Click on LOG IN
3. Enter your FCC Federal Registration Number (FRN) and Password a. If you do not know your FRN, go to Search box and click on License Click on Amateur; Enter your callsign in Callsign box; Your FRN is in center of page after your name b. If you do not know your Password, click on Contact Tech Support after Forgot your Password
4. In When My Licenses screen comes up, Click on Now in the green line reading "Change your paper authorization preferences here, or download your official electronic authorizations now"
5. In Under Download Authorizations screen, highlight your callsign in the My Authorization area at the bottom left.
6. Click on ADD to right of the highlighted callsign.
7. Highlight your callsign in Authorization to Download and then click on Download on bottom right of screen.
8. If pop-ups are blocked, click on Allow One
9. Click Open at bottom.
10. Print your License.

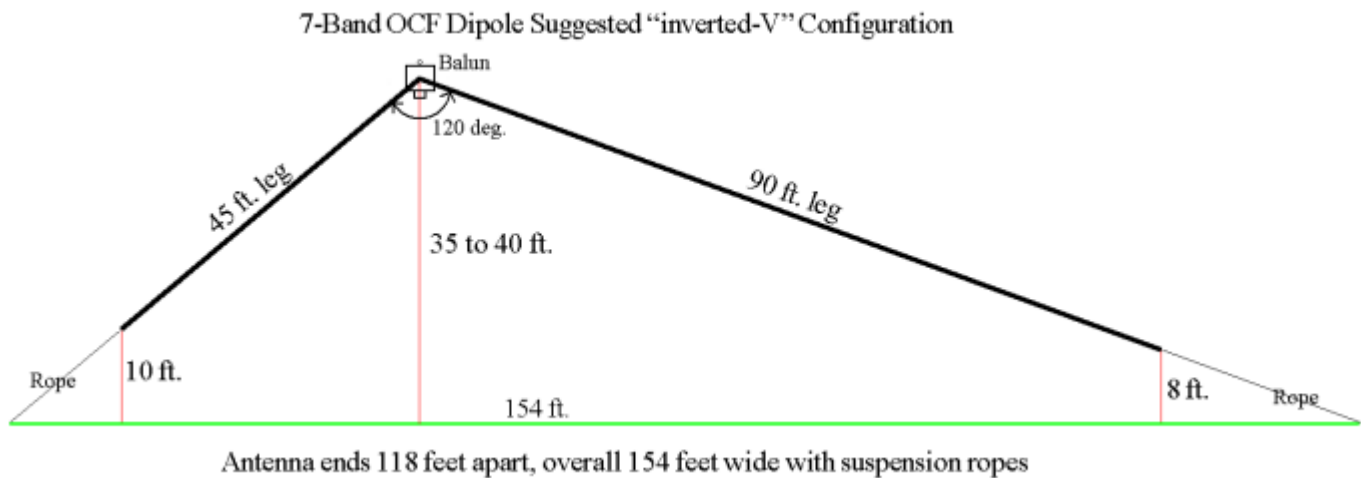
<https://www.fcc.gov/wireless/bureau-divisions/mobility-division/amateur-radio-service>



## Antenna Information

### Installation Information

- Installation Instruction Sheet: [Word DOC](#) [Adobe PDF](#). These are the instructions that ship with the antennas.
- Higher is not always better. An ideal included angle is about 120 degrees or more (180 degrees being a horizontal flat top). If it is mounted too high off a tower it is very hard to get a 120 degree angle so mount it lower.
- Appears to work best as an "inverted-V." Erecting at least 30 feet above ground is recommended. Each end can droop up to 30 degrees from horizontal,  $180-(2*30)=120$  degrees total is ideal, but ends should be 8 feet or more from the ground for safety reasons.



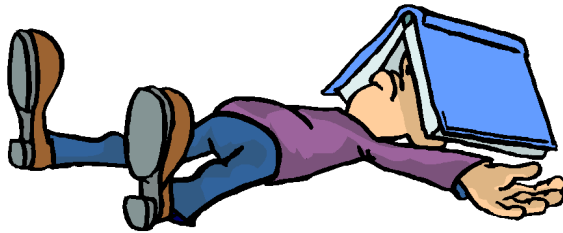
- Coupling to nearby metallic objects and the mineralization of the underlying soil can impact performance and impedance of an OCF antenna system. The impedance can also vary as antenna orientation is changed in relationship to earth. The OCF is generally very forgiving.
- The balun will test as a short when testing using a DC Ohm meter and will test correctly at RF frequencies when erected and using an antenna analyzer. So use an analyzer or your transceiver's SWR meter at reduced power.
- Route coaxial feed line to the shack by running it to the ground and away from the antenna at a 90 degree angle as possible. The length of the feed line is not critical as the coax is NOT part of the radiating antenna. Shorter is usually better.
- Use good quality 50 Ohm coaxial cable with appropriate power rating such as: RG58, RG8X, RG8, RG213, Belden 9913F7, Davis RF Bury-Flex. A coax with a dense (or double) braid is worth the money. Don't lose that weak signal in the coax!

## Up Grading Your License

Here are a sample question from the General test pool.

What is a good way to avoid stray RF energy in a amateur station.

1. Which of the following emission types are permissible while operating HF mobile?
  - A. Keep the station's ground wire as short as possible
  - B. Install an RF filter in series with the ground wire
  - C. Use a ground loop for best conductivity
  - D. Install a few ferrite beads on the ground wire where it connects to your station
2. What minimum frequency separation between 170Hz shift RTTY signals should be allowed to minimize interference?
  - A. 60 Hz
  - B. 250 to 500 Hz
  - C. Approximately 3 kHz
  - D. 170 Hz



Answers:  
1A 2B

## Annual Membership

**Please take the time to send in your annual membership dues if you have not already done so.** The dues that you pay are vital in keeping our repeaters on the air and are tax deductible. As you may or may not know we have two additional repeaters the 147.225 in Holly Springs and the 145.350 on the Baptist DeSoto Hospital. So your annual dues are much needed in order to keep all three on the air so they will be available during emergencies and for normal activities. If you are not a member of C.A.R.A. please consider becoming a member. We have a club meeting every third Monday at 7 P.M. at Whitfield Electric 222 Kapik Rd Hernando, MS 38632 . Application for membership is on page 5 of this newsletter.

2011 Dues for Calendar Year (JANUARY 1 – DECEMBER 31)

\$30.00 - MEMBERSHIP DUES  
Make checks payable to:  
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P.O. Box 2  
Hernando, MS 38632

## Training and Information Net

The primary purpose of this net is to practice net operations similar to those used in actual emergencies. This net will also be used for routine training and traffic handling, as well as local information for the amateur community. In the event of any severe weather, this net will act as the DeSoto County Emergency Net, Providing coordinated emergency communications in response to severe weather, or any other disaster. Also, severe weather information from the DeSoto County area will be passed on to DeSoto County EMA and the

National Weather Service in Memphis.

Date: Every Monday Night

Time: 8:30 P.M. to 9:00 P.M.

Location: 146.910 No Tone

146.91 Simplex if repeater is down

**Asterisk denotes Club mtg night**

Net control schedule through Apr 1, 2019

KF5WVJ	Ricky	2/11/2019
KF5RSR	Jon	2/18/2019 *
AG5FG	Andy	2/25/2019
KB0ZTX	Ken	3/4/2019
KC5FTT	Wesley	3/11/2019
W5KK	Ken	3/18/2019 *
KF5RSR	Jon	3/25/2019
KE5RHM	Jim	4/1/2019

# Chickasaw Amateur Radio Association

P.O. Box 2  
Hernando, MS 38632

## 2019 Membership Application Form

Application Date \_\_\_/\_\_\_/\_\_\_

Call sign \_\_\_\_\_ Class of License \_\_\_\_\_ Exp Date \_\_\_/\_\_\_/\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone (\_\_\_\_) \_\_\_\_\_ Publish? Yes \_\_\_ No \_\_\_

Cell (\_\_\_\_) \_\_\_\_\_ Publish? Yes \_\_\_ No \_\_\_

Work Phone (\_\_\_\_) \_\_\_\_\_ E-mail \_\_\_\_\_

Date of your original Amateur License \_\_\_/\_\_\_/\_\_\_

ARRL Member Yes \_\_\_ No \_\_\_ Life \_\_\_

Signature \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

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If you have any questions concerning membership, you can contact Timmy Jones [N5PYQ@arrl.net](mailto:N5PYQ@arrl.net) 901.870.2849 or Jim Sanders [KE5RHM@arrl.net](mailto:KE5RHM@arrl.net)

#### Office Use Only:

Date received: \_\_\_/\_\_\_/\_\_\_

Cash/Check: # \_\_\_\_\_

Date Deposited: \_\_\_/\_\_\_/\_\_\_ By: \_\_\_\_\_

Input: \_\_\_\_\_ Website: \_\_\_\_\_

