



## Chipola Amateur Radio Club

# CARC

Newsletter

February 17<sup>th</sup>, 2009

### REPEATERS

146.670 –  
147.045+, 123CG  
444.950+, 123CG

### CLUB NET

Our club, along with the Jackson County ARES, sponsors a net every Monday night at 7 PM on 146.670-.

### CLUB EVENTS

Mar 17<sup>th</sup>, Club Meeting  
Apr 18<sup>th</sup>, Club Meeting/Test  
May 19<sup>th</sup>, Club Meeting

### OTHER EVENTS

Mar 7<sup>th</sup>, Falling Waters Picnic  
Mar 21<sup>st</sup>, Fort Walton Swapfest  
Apr 25<sup>th</sup>, Headland Tailgate

### CLUB OFFICERS

President  
Bill, KG4ZJT  
Vice President  
Gary Brown, WW4JDO  
Secretary/Treasurer  
Becky, KI4UJB

### CLUB OFFICIALS

Repeaters Coordinator  
Jeff Hagan, WO4J  
146.670 Repeater Trustee  
Jeff Hagan, WO4J  
147.045 Repeater Trustee  
Bill Everitt, KG4ZJT  
444.950 Repeater Trustee  
Jeff Hagan, WO4J  
Yahoo Moderator  
Wayne Espey, KB4AAC  
Echolink Moderator  
Bill Everitt, KG4ZJT  
Newsletter Editor  
Gary Brown, WW4JDO  
Web Master  
Gary Brown, WW4JDO

### NET CONTROL OPERATORS

Feb – Gary, WW4JDO  
Mar – Bill, KG4ZJT  
Apr -

### THE VP'S CORNER

Hi folks. I'm so excited about the good things the Lord has planned for our club. The opportunities for us to touch and influence our local community are numerous. Just think about the power of our words. What we say truly has awesome power...power to praise, power to encourage, power to lift others up. Of course there is plenty of negative power in our words and that's why we must take what we say very seriously, always considering the impact they have on others. Now think about what radio does to our words...it takes them and broadcasts them for everyone to hear for miles around. Now that is power amplified. So let us use our words we speak on the radio in a positive way, always seeking to say good and up-lift others. I look forward to all the good conversations we'll be having on the radio in the future. See you on the airwaves. 73.

Gary, WW4JDO



### What is GPS?

GPS is an acronym that stands for Global Positioning System. It is an extremely accurate navigation system developed for the military back in the 80's. I was personally involved in writing some of the first technical manuals for this system back when it was being used as a back-up system for the inertial navigation system common on aircraft. Today GPS units are available on almost every available vehicle type and hand-held units can be used otherwise.

A GPS transmitter is one of 24 orbiting satellites. They transmit 50 watts each on a frequency of 1575.42 MHz and is limited to line-of-sight. The transmitted signal contains three bits of information, 1) an ID code, 2) orbital location, and 3) current date and time. With information from two satellites, a GPS receiver can calculate your location, speed, and direction through triangulation. With information from a third satellite, altitude and climb rate can be calculated. This basic information can then be used with software to calculate such things as track, distance to destination, bearing to destination, trip distance, etc. It can be combined with mapping software to show your location on a map as you travel. It can even be used to calculate what repeaters are close to you as you travel so you will never be without a ham buddy no matter where you are. That's just plain neat!

WW4JD☺



Website - <http://www.chipolaarc.org/>

Yahoo Group [http://groups.yahoo.com/group/chipola\\_arc\\_list/](http://groups.yahoo.com/group/chipola_arc_list/)