



Chipola Amateur Radio Club

CARC

Newsletter

January 17th, 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

Feb 17th, Club Meeting
Mar 17th, Club Meeting
Apr 18th, Club Meet/Test Session

OTHER EVENTS

Jan 17th, WeatherFest, Tallahassee
Feb 13-15, HamCation, Orlando

CLUB OFFICERS

President
Gary Brown, WW4JDO
Vice President
Brent Gay, KF4JZY
Secretary/Treasurer
Jeff Hagan, WO4J

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

Jan – Kevin, KI4ANR
Feb –
Mar –

THE PRESIDENT'S CORNER

Hi folks. My term as president has come to an end. I have thoroughly enjoyed leading such a fine group but alas I must move aside and let someone else take the reins for a while. It has been a great year with lots of fun and fellowship. We had some excellent programs from members and guests, a foxhunt, field day, several test sessions, and some good eating. We also moved into the new EOC. The heart of this club is its membership and regardless of who takes the reins next, I know we will have another great year. Thank you for allowing me the privilege of serving as your president. See you on the airwaves. 73.

Gary, WW4JDO

What is P25?

The buzz word in the commercial radio industry right now is P25. You might wonder what P25 is all about and why is conversion to P25 so important? It is no secret that our world is going digital and communications is no exception. We are all aware that the cellular industry has already made a successful jump to digital communications. The television industry makes that step next month. Analog FM radios like those used in public service are the next ones to make the switch. A specific date has not been set for all radios to switch, but many already have and all will at some point in the future. OK, so now you know that P25 is a digital communications standard, or more correctly a protocol. So now you want to know why switch to digital. Well just as with cell phones, digital data can contain much more information than analog and it opens up a whole new era of features that can be incorporated into the radio, such as text messaging and over-the-air programming. More importantly however, digital data does not require as much bandwidth to be transmitted. Analog radios typically require a 25kHz bandwidth to operate. The current generation of digital radios only require a 12.5 kHz bandwidth to operate and the next generation digital radio will only require a bandwidth of 6.25 kHz. So the real driving force behind the digital conversion is more efficient use of available bandwidth. Will P25 ever come to amateur radio? I certainly think so. And if we want to be able to listen to and communicate with public safety responders using our amateur equipment, it will need to be P25. The bottom line is P25 is here to stay. If you want further information on P25, Daniels Electronics provides some excellent information and training guides at <http://www.danielselectronics.com/library/english/whitepapers.asp> . ☺



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

Yahoo Group http://groups.yahoo.com/group/chipola_arc_list/