



K₄NAB News



Serving Aiken County and Surrounding Areas

NEWS FLASH!!

Effective February 4, The North Augusta Belvedere Radio Club has been designated a SPECIAL SERVICE CLUB by the ARRL. The Club last held this special distinction in 2005. The Club will receive special recognition in an upcoming issue of QST, and is eligible to appoint an Awards Manager. Benefits of being an affiliated Club with the ARRL include eligibility for ARRL sponsored liability insurance, receiving commissions for every club member who joins or renews their ARRL membership through the Club, and many other benefits for the Club and its members. Our Club Secretary, W8SC, completed the detailed application and submitted it to the ARRL on January 5. Brian Sugden KR4SP, the ARRL Affiliated Club Coordinator for the South Carolina Section, approved the application after discussing it with Steve on January 13. ARRL Headquarters notified the Club of the honor on February 4. The Special Service Club designation is valid for 2 years, at which time the Club must submit another application in order to renew their status as a Special Service Club. CONGRATULATIONS to each and every member of the Club, because it is due to YOUR activities and interest that the Club was able to achieve the honor of being approved as a Special Service Club! There are ONLY TWO Special Service Clubs in South Carolina: The BLUE RIDGE ARS in Greenville and The NORTH AUGUSTA BELVEDERE RADIO CLUB !! There are currently NO OTHER SPECIAL SERVICE CLUBS in the CSRA !! In order to be recognized as a Special Service Club, a detailed application must be submitted to the ARRL, showing that the Club excels in 6 areas:

- New Ham Development and Training

- Public Relations

- Emergency Communications

- Technical Advancement

- Operating Activities

- 3 Special Interest Activities that make the Club Unique

Once again, CONGRATULATIONS and THANK YOU to each and every active Club Member for assisting the Club to obtain this unique designation.

Steve W8SC



Legislative Alert

A PRB-1 bill has been entered into the legislative mix in South Carolina! In 1985, the FCC released a Memorandum Opinion and Order PRB-1 which pre-empted local zoning laws which did not make "reasonable accommodation" for Amateur Radio Antennas. Since then, radio amateurs have had to deal with this issue one jurisdiction at a time. It has been found that state laws are a more effective tool for influencing local zoning decisions. Over half of our fifty states have passed a PRB-1 law, and now South Carolina has a chance to become one of them. Representative Ken Kennedy has introduced House Bill H 3289 which is very similar to the PRB-1 law in North Carolina. Presently it has been referred to the Labor, Commerce and Industry Committee. There are a dozen or so representatives from around SC on that committee. Information on who is on that committee and the status of the bill can be found by searching www.scstatehouse.gov. I ask that everyone check to see if their representative is on that committee and send in a letter of support for the bill in order to move it out of committee and into general session! Special thanks go to Ralph Thompson KI4AOQ who contacted Representative Kennedy, provided him with information about PRB-1 and "started the ball rolling"!

01/15/09 House Introduced and read first time HJ-419

01/15/09 House Referred to Committee on Labor, Commerce and Industry HJ-419

H. 328 A BILL

TO AMEND THE CODE OF LAWS OF SOUTH CAROLINA, 1976, BY ADDING SECTION 6-29-733 SO AS TO RECOGNIZE THE VALUE OF AMATEUR RADIO COMMUNICATIONS BY REQUIRING CITY AND COUNTY ORDINANCES REGULATING ANTENNAS TO REASONABLY ACCOMMODATE AMATEUR RADIO COMMUNICATIONS.

Be it enacted by the General Assembly of the State of South Carolina:

SECTION 1. Article 5, Chapter 29, Title 6 of the 1976 Code is amended by adding:

"Section 6-29-733. A city or county ordinance based on health, safety, or aesthetic considerations that regulates the placement, screening, or height of the antennas or support structures of amateur radio operators must reasonably accommodate amateur radio communications and must represent the minimum practicable regulation necessary to accomplish the purpose of the city or county ordinance. A city or county may not restrict antennas or **antenna** support structures of amateur radio operators to heights of ninety feet or lower unless the restriction is necessary to achieve a clearly identified health, safety, or aesthetic objective."

SECTION 2. This act takes effect upon approval by the Governor.

WRITE TO YOUR LEGISLATORS NOW!

Urge them to ban "aesthetic objectives" (it allows the city to say your antenna is ugly)

We need this bill to pass!

Your South Carolina State Senator

District 24 - Senator W. Greg Ryberg - Aiken Co. SLC@scsenate.org

District 25 - Senator A. Shane Massey Aiken, Edgefield, McCormick, Saluda Cos. shanemassey@scsenate.org

Your South Carolina State Representative is

District 81 Representative Thomas R. "Tom" Young, Jr. - Aiken Co. TomYoung@schouse.org

District 82 Representative William "Bill" Clyburn - Aiken & Edgefield Cos. WC@schouse.org

District 83 Representative Donald C. Smith - Aiken & Edgefield Cos. DCS@schouse.org

District 84 Representative J. Roland Smith - Aiken Co. JS@schouse.org

District 86 Representative James E. "Jim" Stewart, Jr. - Aiken Co. jim@stewartbuilders.com



Continuing on the legislative front, there are two bills that have been introduced regarding the restriction of wireless communication devices in moving vehicles, S 0024 (Senate) and H 3083 (House). The concern is that although these bills' main intention was to restrict cell phone use, they have the undesired effect of restricting the use of our ability to communicate using amateur radio in a moving vehicle. This would seriously hamper our emergency communications abilities.

Echolink in Aiken

Just wanted to pass along information about Echolink in Aiken.

Everyone is welcome to use the Echolink systems.

Echolink node numbers can be found by going to www.echolink.org

N2ZZ Repeater: 145.350- (PL 100.0 Hz) (Echolink node 5764)

To connect to a station, press "C" followed by the desired node number

To disconnect, press "73" . To disconnect all stations press "###"

The repeater is located at Aiken Regional Medical Centers, Folded dipole antenna about 50' above the 7 story building.

N2ZZ Link 145.72 (sends out 100.0 Hz PL tone, but does not require one for access) (Echolink node 147285)

To connect to a station, just enter the desired node number

To disconnect, press "#". To disconnect all stations, press "###"

The Link is located at my home in downtown Aiken. Antenna is a Ringo Ranger up 80' or so.

I am looking forward to the D-STAR Repeaters as well. The proposed location of those repeaters is about 1000 feet from my QTH!

The new Yaesu VX-8's are renewing interest in APRS as well!

'73 de Jim N2ZZ

ARRL Section Manager

South Carolina Section

Visit our website: www.arrl-sc.org

Congratulations to:

Marie Lind, KI4WAX, on successfully completing the Disney Marathon in Orlando, FL in January. Great job, Marie!

Mike Newland, K4NOP on his new call. Mike's former call was KC8MMZ.

Mike Newland K4NOP, and Katie Besley KI4LSZ, for their successful interview about Amateur Radio that appeared on Schofield Middle School CCTV.

Kevin Kingery on passing his General exam at Greenwood, and being assigned callsign KJ4IVJ.

Club dues

Club dues for 2009 are due, \$15 for individual membership, \$18 for family membership. Please send your dues to Tom Arnold, W4KVF to his personal address, or to the club's address.

Tom Arnold, W4KVF

1909 Curtis Dr

North Augusta, SC 29841

North Augusta Belvedere Radio Club

PO Box 7692

North Augusta, SC 29841-7692



ARRL New and Renewal Memberships

Please remember to apply for new or renewal ARRL membership through the Club. The club receives a rebate of \$2 for renewals and \$15 for new ARRL memberships, but you MUST use the ARRL membership form that is supplied by the Club. You pay your dues directly to the Club, and the Club forwards your membership application and fees (less the Club's rebate) directly to ARRL. If you are a NEW ARRL member, or haven't been a member for the past 2 years, the \$15 rebate that the Club receives will be applied to your Club dues, so your next year's Club dues will be FREE! It's a Win-Win-Win for everyone, YOU, the CLUB, and the ARRL !! See Steve W8SC or Tom W4KVF for information or forms.

When you join or renew your ARRL Membership the club can benefit!

ARRL Affiliated Clubs receive a commission for every new ARRL membership and renewal they submit to ARRL Headquarters.

- Clubs retain a portion of dues for each regular or senior membership sent to ARRL Headquarters:
- Clubs retain \$15 for each new membership OR lapsed membership (of two years or more). A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.
- Clubs retain \$2 for each renewal. A RENEWING MEMBER can renew at anytime, even before their current membership term expires.

Virtual Radio Clubs

In a recent division newsletter N3EFN, Atlantic Div. Vice-Director, raised the issue that strong local clubs are vital to the future of amateur radio. It is through face-to-face sessions at these local clubs that ARRL elected officials are best able to communicate ARRL policy and directions. It is where we (ARRL) get information on what the rank and file membership concerns are. Atlantic Division Director, WT3P, has also suggested that in remote areas, local clubs might consider putting together a local ISP to allow hams in that area access to the internet and the immense amount of information about amateur radio available there.

If clubs undertake ISP projects, will we reach the point where the ISP is the club? A club with no face-to-face meetings, but where all activities are conducted in cyberspace. Pay your five bucks to join the ISP and you are part of the club. It's my belief that it is not a question of if this will happen but when. Indeed it may already be here. Many clubs and organizations are using email reflectors and email for club business; it's just a matter of time till a club that's heavily involved this way slides into an all cyberspace club. Specialty groups such as EME are already making use of email to communicate. These are also candidates for an all cyberspace club.

It has been my observation that the more often a club meets, the stronger the club tends to be.

Electronic mail, chat rooms, and other internet communication tools would allow for club interaction on an almost daily basis. Experience in on-line services shows that daily interaction can indeed result in the type of relationships and information exchange that one seeks when attending a club meeting. With specialty topics such as EME or ATV, there may not be enough local interest to form a club. Cyberspace breaks down the geographic barriers and allow the group to reach enough critical mass in terms of numbers to become an effective organization.

Is the ARRL is ready as an organization to deal with such cyber clubs and to see that the needs of their memberships are addressed. Most of ARRL's activities are geared to face-to-face meetings and we have had a tendency to discount or ignore the online activities, with the idea that we would catch them at a hamfest or a club meeting down the road. It is time we address the use of internet activities to reach members don't attend. This is just a start; there will be need for content at all level as well -- something to replace the personal face-to-face contact that we provide as part of our duties. We realize that these organizations will not be paper driven and look to providing more and more of ARRL's products in electronic form. • Randall Carlson, WB0JJX

**Amateur Radio Quiz: Here It Comes, Here It Is, There It Goes!**

By Ward Silver, N0AX,

n0ax@arrl.org

January 28, 2009

We'll take satellite technology for the sheer fun of it! Let's do things backwards -- retrograde, as they say down at Kennedy Space Center -- as the questions become the answers. Or are they still questions and the answers are the questions? Confounding, isn't it? Not as confounding as the quiz, though. Ready? 10, 9, 8...

1. Perigee
 - a) Closest approach of a satellite to Earth
 - b) Farthest distance of a satellite from Earth
 - c) Average distance of a satellite from Earth
 - d) A failed launch
 2. Mode
 - a) Orientation of orbit with respect to Earth's orbit
 - b) Angle between the satellite and the Sun
 - c) Uplink-Downlink frequencies
 - d) Relative angular difference between ground station's and satellite's polarization
 3. Bird
 - a) Protective shroud jettisoned by the vehicle once in orbit
 - b) Refers to any space-borne instrument used to monitor weather
 - c) A satellite
 - d) Signals from a satellite
 4. Acquisition
 - a) Notification of "space-available" by launching agency
 - b) Completion of fund-raising
 - c) Phase-lock to satellite telemetry signals
 - d) Reception of signals from satellite
 5. Keplerian
 - a) Refers to early orbital theory
 - b) Anything in the shape of an ellipse
 - c) Coefficients describing a satellite's orbit
 - d) Acceleration from a planet's gravitational field
 6. Alligator
 - a) Sensitive satellite receiver
 - b) Ground station with better transmit than receive capability
 - c) Control station in charge of cutting off over-powered users
 - d) Nickname for the container in which a satellite is launched
 7. Mean Motion
 - a) A fast az-el rotator
 - b) Number of satellite rotations in a solar day
 - c) Relative velocity of satellite to the Earth's surface
 - d) Relative velocity of satellite to a geosynchronous orbit
 8. Apogee
 - a) Maximum altitude of an orbit
 - b) An orbit you don't really care about
 - c) First prototype of a civilian rocket to achieve orbit
 - d) Longitude at which satellite is moving the fastest
 9. Pass
 - a) Decline the opportunity to transmit
 - b) Suppress a competing signal by raising power
 - c) Authorization to act as a control station
 - d) Period of satellite visibility
 10. Decay
 - a) What an orbit does
 - b) Failure of re-entry
 - c) Trailing edge of CW signal
 - d) Echoes from the lunar surface
 11. ESA
 - a) Extra Shuttle Activity -- a spacewalk
 - b) Europe Satellite Amateur -- a Region 1 radio association
 - c) European Space Agency -- the European equivalent of NASA
 - d) Elevated Solar Absorption
-



12. Quadrifilar

- a) Omnidirectional antenna in the shape of a helix
- b) Transmission line with four conductors
- c) Magnet with two sets of poles
- d) Stereo signal with front and back channels

13. LOS

- a) Line of sight
- b) Loss of signal
- c) Left on second
- d) Lead of satellite

14. Elliptical

- a) Polarization of crossed-dipoles
- b) Reflection coefficient of reactive loads
- c) Orbit that alternates between close to and far from Earth
- d) Shape of "kick" motor nozzle

15. \$26

- a) Cost per foot of silver-plated S-band waveguide
- b) Total out-of-pocket expense for OSCAR-I
- c) Equivalent expense over commercial satellite for average ham QSO
- d) Dinner tab at AMSAT's inaugural board meeting

Bonus -- Arthur C. Clarke

Lightning - not just protecting your station, protect yourself!

Lightning is one of the leading causes of weather deaths in the United States. In Georgia, lightning kills or injures several people every year. In 2007, 1 person died and 7 were injured. Lightning killed 2 people and injured 28 in 2005. Five people died and 17 were injured in 2004. Most lightning deaths occur in the summer months - usually in the afternoon and evening hours. Also, most deaths occur when people are caught outside during a storm.

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Lightning results from the buildup and release of electrical energy between positive and negative charges between the earth and a thunderstorm. A single lightning bolt can be as hot as 50,000 degrees Fahrenheit - hotter even than the surface of the sun. This rapid heating and cooling of the air creates a shock wave which we hear as thunder. Lightning will usually strike the highest object in area. This includes trees, antennas, a boat on a lake, or a person standing in a field.

Lightning striking a tree

So, what should you do to protect yourself: If you are outside, get inside a building or vehicle. If you can hear thunder, you are already at risk.

Practice the 30/30 safety rule. If you see lightning and cannot count to 30 before hearing thunder, go indoors. Stay indoors an additional 30 minutes after hearing the last clap of thunder.

If you cannot find shelter, do not stand under a tree or remain in an open place when lightning is near. Avoid open water, as well as tractors, bicycles, motorcycles, or golf carts. These will not provide protection, and may actually attract lightning.

If you are boating or swimming, get to land as quickly as possible.

Enclosed vehicles are generally safe, if you avoid contact with metal surfaces.

If you are in a forest, seek shelter in a low area under a thick growth of small trees.

If you are outside, and feel your hair stand on end, this indicates lightning is about to strike. Drop to your knees and roll forward to the balls of your feet. Place your hands on your knees and tuck your head down. Do not lie flat on the ground.

If you are inside, don't use a telephone or other electrical equipment unless in an emergency.

Do not take a bath or shower during a thunderstorm.

Use common sense your life depends on it!



What do you want to do for the club?

Are you interested in name/call-sign badges? Photo ___ Engraved ___ Printed ___ clip-on ___ pin-on ___ lanyard ___

Give a class _____ lead a discussion _____ operate during a contest _____
Field Day _____ Public speaking _____ write for the newsletter _____

Can you / Do you

- operate 160 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 80 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 40 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 30 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 20 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 17 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 15 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 12 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 10 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 6 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 2 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 1.25 meter ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 70 cm ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 33 cm ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___
- operate 23 cm ___/___ AM ___/___ CW ___/___ SSB ___/___ RTTY ___/___ Digital ___/___

Describe your station...

HF Primary output power _____ Linear amplifier _____ QRP _____
 VHF Primary output power _____ Linear amplifier _____ QRP _____
 UHF Primary output power _____ Linear amplifier _____ QRP _____

HF Antenna(s) _____
 VHF Antenna(s) _____
 UHF Antenna(s) _____

Special modes -

PSK31 ___ Packet ___ RTTY ___ SSTV ___ ATV ___ Beacon (fox-hunt) ___
 APRS ___ Satellite ___ EME ___ D-Star ___ Repeater operator- Freq I/O _____

What do you want from the club? _____

Tours, classes, contests, swap meets, cookouts, technical help, elmering, anything...

Please take the time to reply so we can improve the club for everyone, especially you.

2009 Officers

President AJ4AU

Carl Bosard

Secretary W8SC

Steve Czaikowski

Treasurer W4KVF

Tom Arnold



Upcoming hamfests and events.

February 21, 2009
ARCA Winter Swap Meet
Pendleton King Park
Augusta, GA
<http://www.w4dv.org/>

28 Feb 2009
Hamfest #27
Dalton ARC
<http://www.w4drc.com>
Talk-In: 145.230(-) no tone
Contact:
Harold Jones, N4BD
PO Box 211
Rocky Face, GA 30740
Phone: 706-673-2291
Email: n4bd@windstream.net

21 Mar 2009
Kennehoochee Amateur Radio Club
<http://www.w4bti.org>
Talk-In: 146.880 - offset (PL100)
Contact:
Don V. Heppe, W5LGK
1425 Ridgeway Drive
Acworth, GA 30102
Phone: 404-630-1249
Email: W5LGK@bellsouth.net

May 9, 2009
Spring picnic & swap meet
Pendleton King Park
Augusta, GA

May 15-17, 2009 (Fri thru Sun) - Dayton, OH Ham-
vention
<http://www.hamvention.org>
Hara Arena
Talk in on 146.94-

Field Day June 27 & 28, 2009

ARRL Announces Second Homebrew Challenge

(Feb 5, 2009) -- The first ARRL Homebrew Challenge, announced in the August 2006 issue of QST, offered a prize for the best 5 W, 40 meter CW and voice transceiver our readers could build. The only requirement was that the rig had to be built for less than \$50 of new, readily available parts. In 2009, ARRL ups the ante in the Second Homebrew Challenge by upping the power limit to 50 W. All entries are due no later than February 28, 2010.



SCHEARTS ETV Repeaters Short List

*70--Conf. Main, *71--Conf. Backup, 73--Drop Link
(L) Link Ready. (A) Antenna installed but repeater not installed yet.

1. (L) Link *31	Charleston-A.....	146.7600	123.0
2. (L) Link *51	Charleston-A.....	441.7250	123.0
3. (A) Link *33	Charleston-W.....	147.1050	123.0
4. (L) Link *53	Charleston-W.....	441.5750	123.0
5. (L) Link *32	Columbia.....	146.7150	.. 91.5
6. (L) Link *52	Columbia.....	441.7250	.. 91.5
7. (L) Link *30	Conway.....	146.7150	162.2
8. (L) Link *50	Conway.....	441.6750	162.2
9. (L) Link *35	Florence.....	146.6850	.. 91.5
10. .. (L) Link *55	Florence.....	441.5750	.. 91.5
11. ... (A)Link *56	Greenville-C.....	443.1250	123.0
12. ... (A)Link *36	Greenville-C.....		123.0
13.Link *37	Greenville-P.....	145.3700	.. 91.5
14. .. (L) Link *57	Greenville-P.....	441.6750	.. 91.5
15.Link *41	Lake City.....	147.0600	.. 91.5
16.Link *38	North Augusta.....	146.8500	.. 91.5
17.Link *58	North Augusta.....	441.5250	.. 91.5
18.Link *39	Orangeburg.....	146.8800	123.0
19.Link *59	Orangeburg.....	441.7500	123.0
20.Link *40	Rock Hill.....		123.0
21.Link *60	Rock Hill.....	441.5250	123.0
22. .. (L) Link *34	Walterboro	146.7150	123.0
23. .. (L) Link *54	Walterboro	441.6750	123.0

It won't be long before ours is up and running!
Not soon enough for AE4UX...



6 Meter Freq. PL: Callsign QTH
 ☉ 53.030- W4WTA Augusta

2 Meter
 144.390 KR4XN-2 Augusta digi-
 peater
 ☉ 145.110- KK4HL Augusta
 ☉ 145.130- W4JAK Greenwood
 ☉ 145.170- KY4S Aiken
 ☉ 145.290- (100.0) W4DV Augusta Echo-

link node: KI4NFJ-R Node #325847
 ☉ 145.350- (100.0) N2ZZ Aiken
 c 145.370 AA4UA Augusta
 ☉ 145.410- K4KNS Augusta
 CCARC
 c 145.450-(123.0) W4ZKM Sav. River Site
 ☉ 145.490- W4DV Augusta
 (Skywarn)
 ☉ 146.730- K4NAB N. Augusta
 (Solar)
 c 146.775- KB4NA Wrens
 x 146.835- KC4GSS Thomson
 c 146.940- KT4N Augusta
 ☉ 146.985-(100.0) K4KNS Evans
 CCARC
 c 147.120+ KT4N Wrens
 c 147.180+ N4BMA Augusta
 ☉ 147.285+ N4ADM Aiken

1.5 Meter NOAA Alerts
 162.400 WXJ20 Columbia, SC 1000 Watts
 162.425 WXM88 Waynesboro, GA 375 Watts
 162.450 WNG62 Aiken, SC 300 Watts
 162.475 WXM93 Cross, SC 100 Watts
 162.500 KHC29 Barnwell, SC 1000 Watts
 162.525 KHA35 Orangeburg, SC 300 Watts
 162.550 WXX54 Augusta, GA 1000 Watts

1.25 Meter
 x 224.200- Augusta
 c 224.940- WB4KXO Augusta
 x 224.960 Aiken

70 Centimeter
 c 443.400+(107.2) AC4WW Aiken
 x 444.400+ Augusta
 c 444.800+ KE4RAP North Augusta
 ☉ 444.900+(100.0?) W4QK CCARC
 (closed system)
 c 444.950+(T162.2) W4DV Trenton ARCA

x = not coordinated with SERA c = coordinated with SERA
 ☉ = Full member of SERA
 SERA = South-Eastern Repeater Association

NETS

Augusta Radio Club Net Daily @ 8:00 PM on 145.490 repeater
 Carolina State Line Net Sunday @ 9:00 PM on 146.730 repeater
 Emergency Traffic VHF Net Sunday @ 4:00 PM EST (5:00 PM DST) on 145.490 repeater
 ARCA 10 meter Net Sunday @ 8:45 PM on 28.368mhz
 Newcomers Net - Thursday @ 9:00 PM on 145.490 repeater
 CSRA ARES Net Wednesday @ 8:30 PM On 146.985mhz
 CSRA 2 Meter Net Tuesday @ 2100 hrs, 147.120 repeater
 ARCA CW Net Monday @ 9:00 PM on 28.170mhz
 SC Single Sideband Net Daily @ 1900 hrs, 3915 KHz
 Carolina Net Daily @ 1900 hrs and 2200 hrs, 3573 KHz
 Carolina Slow Net Daily @ 2000 hrs, 3573 KHz
 SC ARES/RACES Net 1st & 3rd Mondays, 1800 hrs, 3990 or 3993.5 KHz

2009

Feb 19-20th ARRL International DX Contest (CW)
 Mar 1st-2nd ARRL International DX Contest (Phone)
 June ARRL June VHF QSO Party
 June ARRL Field Day
 July IARU HF World Championships
 Aug ARRL UHF Contest
 Aug ARRL 10 GHz and Up Contest
 Sep ARRL September VHF QSO Party
 Sep ARRL 10 GHz and Up Contest
 Sep ARRL International EME Competition
 Oct ARRL International EME Competition

Please send additions/ corrections to AJ4AU@ARRL.NET