

Lanierland ARC



<http://www.lanierlandarc.org>

August/September 2009

President's Corner

Philip Loggins K4PDL



Was it just the other day we were looking to spring and summer. Summer flew by and now we are looking at fall and winter. Soon, no more cutting of the grass, or hand washing the car. Anyway, time to think of projects, DXing, and perhaps some antenna plans before the weather changes. Now with the cooler weather we will have no excuses. I know I have a ton of things I need to get done. Time seems to be flying by and time is of the essence to get it done.

It has been a very quiet summer, but now all of a sudden the Atlantic is starting to get active. Are we ready for what might come to be? It's time to get our ducks in a row and be prepared. Sometimes we are given about a day's notice. This is not enough time to make and implement a plan. We need to have our plans made, our equipment in readiness, and our minds prepared for when we are called upon.

Our own Lanierland Amateur Radio Club has an exceptional Training team who seems to be working very hard here lately. This team has been working to put on Technician classes and they just keep on turning out NEW Hams. What a great way to be contributing to Amateur Radio. Before we had even completed this last class, the word was spreading about the fantastic way of teaching the class, that new people were already calling wanting in on the next class. A big hand to the WHOLE team involved in putting together such great class sessions. It is greatly appreciated and is good to see "we reap what we sow".

Get out and enjoy this great hobby. Be RADIO – ACTIVE!

As always, email k4pdl@bellsouth.net me with your thoughts, ideas, and /or criticisms.

This is YOU'RE CLUB, be an active part of it.

Help us preserve the good and build for tomorrow. Start today.

Until next time, 73 K4PDL

Congratulations to new “Hams” and upgrades

From August 2 session

Jordan Allison KJ4NYE (new)
William Cassanova KJ4NYF (new)
James Derrick AJ4RX (upgrade to Extra)

From LARC “Tech” class (August)

Ken deVries	KJ4OCN
Oscar Wiltse	KJ4OCO
Ira Arman	KJ4OCP
Roxana Price	KJ4OCQ
Marie Emery	KJ4OCR
Kathleen Townsend	KJ4OCS
Konard Keranen	KJ4OCT
Penny Jones	KJ4OCU
Arthur Glazer	KJ4OCV
Casey Horne	KJ4OCW

Shelby Hamfest, 53rd year, Sept. 5 & 6: This year the Shelby ARC did not to mail brochures to individuals, in an effort to save money. Information, ticket purchases, and so on, can be done on the website at <http://www.shelbyhamfest.org/hamfest.htm>. Information was sent out to contact persons. Hamfest is September 5 and 6; Paypal and the website, to order tickets online, or send \$6.00 advance (\$8 at the gate) to SARC, PO Box 2206, Shelby NC 28151-2206 They're giving away 14 radios this year and you do not have to be present to win.

Location – Gaston County Park, Dallas NC (2nd year there); from I-85 take exit for Hwy 321 N; go N on 321 for 2 miles, take ramp for Hwy 279 toward Cherryville, take 279 for 0.8 miles; parking at Gaston College.

NVIS Operations

Ed Cravey KF4HPY

How many of you have heard of NVIS? No I don't mean Night Vision Instrument Systems! I mean Near Vertical Incidence Sky-waves. NVIS pronounced “niviss” is a method of transmitting radio waves in such a fashion that no skip zone is created. This is

accomplished by the military using 2-12 MHz, and amateur radio operators using 40, 80, and even 160 MHz to radiate signals at angles from 75 degrees up to almost 90 degrees.

The resulting waves pass through the D, and E layers and reflected back by the F layers in an area radius of up to 300 miles. Yes there some losses, but passing through the layers at no great angle, such losses are minor. NVIS works beyond line of sight and ground waves: but within skip zones. NVIS is used in valley and jungle areas and in WWII in Europe where VHF/UHF was too short ranged, and HF left skip zones. During D-Day NVIS was used to communicate between France, England and naval forces in the Channel, plus the air groups covering the landing.

Needing to communicate from a mountain cabin to friends in the lower Piedmont area of Georgia from a deep valley, I decided to operate NVIS antenna equipment to get out to places beyond the valley. To start I selected a folded dipole antenna built for full coverage of the 80-10m bands. Next, strapping a ladder to each tree in turn, I inserted 3 screw eyes at about 16 feet above ground. Next came black cord to support the ends and center of the antenna. Attaching the feed line left only testing. Using PSK-31 with the sound card controlling the output of the radio I went on the air for the Wednesday morning PSK net with Bobby W4BLB, who favors 10 Watts from his equipment and my radio running about 20 Watts output. We had our 40–60 minute chat before the 3580 KHz frequency went into fading due to the D-layer absorption . Note this: all the references say to use 40m by day and 80m by night. We have found that 80m is usable up to about 11 AM EDST in the summer subject only to a little fading. The distance between the cabin and W4BLB's site is 76 airline miles. We did not have other operators joining us on the net at that time, but sometimes NC and SC operators visit with us on the waterfall as well as people from GA.

NVIS antennas are sited at $\frac{1}{4}$ wave to $\frac{1}{10}^{\text{th}}$ wave above the ground and are usually $\frac{1}{2}$ wave in span. Therefore an 80m antenna would span 133.7 feet at 70 feet off the ground ($\frac{1}{4}$ wave). A $\frac{1}{10}$ wavelength would be 28 feet above ground. For 40m use an antenna 66.2 feet overall would be at 34feet above ground. ($\frac{1}{4}$ wave). A $\frac{1}{10}^{\text{th}}$ wavelength of 40m would be 14 feet above ground. These elevations aren't etched in stone. I put my antenna at 16 feet up a tree because the ladder didn't go higher. Some people have been successful with the antennas supported on traffic cones. The military operate NVIS with a mobile whip horizontal behind the vehicle, just above roof level. The formula for antenna length is the usual $468/F$. Height for $\frac{1}{4}$ wave can be $984 /F \times .25$, or if you can't remember, just use $234/F$ and you will be close. The $\frac{1}{10}$ wavelength high is $984/F \times .10$ or $468/F \times .2$ respectively. Remember we aren't trying for DX, just the next valley or inside the state for a 300- mile radius with no skip zone. NVIS is most effective for amateur radio on 80m at night and 40m by day, using a radiation angle of 52-87 degrees. Come join us on 3580 KHz at 10 AM Wednesdays!

Space Shuttle “*Discovery*” Launched with Three Hams on Board



***Discovery* (STS-128)** was scuttled when thunderstorms -- including a lightning strike just five miles from the launch pad -- popped up unexpectedly Monday evening August 24, continuing into Tuesday morning. SST-128 was finally launched on Friday, August 28, and carries a crew of seven astronauts, including three radio amateurs.

Commanded by Frederick W. "Rick" Sturckow and piloted by Kevin A. Ford, *Discovery* is poised to blast off on a 13 day mission to deliver more than 7 tons of supplies, science racks and equipment, as well as additional environmental hardware to sustain six crew members on the International Space Station (ISS). The shuttle also has a crew of five Mission Specialists: José Hernández, KE5DAV; Nicole Stott, KE5GJN; Christer Fuglesang, SA0AFS/KE5CGR; Patrick G. Forrester, and John D. "Danny" Olivas.

When *Discovery* undocks from the ISS, Stott will be left behind in the orbital outpost. Timothy Kopra, KE5UDN -- who has been on the ISS since July -- will return to Earth on the shuttle. Kopra's departure and Stott's arrival makes for six astronauts on board the ISS, and all but one are licensed radio amateurs: Commander Gennady Padalka, RN3DT; Flight Engineer Michael Barratt, KD5MIJ; Flight Engineer Frank DeWinne, ON1DWN; Flight Engineer Robert Thirsk, VA3CSA, and Flight Engineer Roman Romanenko.

FCC: Vanity Call Sign Fees to Increase September 10

On August 11, the FCC announced that the cost of an Amateur Radio vanity call sign will increase \$1.10, from \$12.30 to \$13.40. Now that notice of the increase has been published in the [Federal Register](#), the increase will take effect in 30 days, September 10, 2009. The FCC is authorized by the *Communications Act of 1934, As Amended*, to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new 10 year term. The notice in the August 11, 2009 Federal Register, entitled "Assessment and Collection of Regulatory Fees for Fiscal Year 2009," includes regulatory fees; these fees are expected to recover a total of \$341,875,000 during FY2009, encompassing all the Services the FCC regulates.

WALTER CRONKITE, KB2GSD (SK)



Legendary CBS newsman Walter Cronkite, KB2GSD, who held the title of "Most Trusted Man in America," passed away Friday, July 17 after a long illness. He was 92. The avuncular Cronkite anchored the CBS Evening News for 19 years until 1981 when he retired. During that time, he reported on such subjects as the Kennedy assassinations, the Civil Rights movement, the Apollo XI lunar landing, Vietnam and the Vietnam-era protests, the Arab-Israeli Six Day War, Watergate and the Begin-Sadat peace accords.

Cronkite, an ARRL member, narrated the 6 minute video "Amateur Radio Today" (<http://www.arri.org/ARToday/>). Produced by the ARRL in 2003, the video tells Amateur Radio's public service story to non-hams, focusing on ham radio's part in helping various agencies respond to wildfires in the Western US during 2002, ham radio in space and the role Amateur Radio plays in emergency communications. "Dozens of radio amateurs helped the police and fire departments and other emergency services maintain communications in New York, Pennsylvania and Washington, DC," narrator Cronkite intoned in reference to ham radio's response on September 11, 2001. "Their country asked, and they responded without reservation."

Walter Leland Cronkite was born in St Joseph, Missouri on November 4, 1916, the only child of a dentist father and homemaker mother. When he was still young, his family moved to Texas. "One day, he read an article in "Boys Life" about the adventures of reporters working around the world -- and young Cronkite was hooked," said his obituary on the CBS Web site. "He began working on his high school newspaper and yearbook and in 1933, he entered the University of Texas at Austin to study political science, economics and journalism. He never graduated. He took a part time job at the Houston Post and left college to do what he loved: report." (<http://www.cbsnews.com/stories/2009/07/17/eveningnews/main5170556.shtml>)

In 1963, it was Cronkite who broke into the soap opera "As the World

Turns" to announce that the president had been shot -- and later to declare that he had been killed." CBS called it a "defining moment for Cronkite, and for the country. His presence -- in shirtsleeves, slowly removing his glasses to check the time and blink back tears -- captured both the sense of shock, and the struggle for composure, that would consume America and the world over the next four days."

One of Cronkite's enthusiasms was the space race. In 1969, when America sent a man to the moon, he couldn't contain himself. "Go baby, go." he said as Apollo XI took off. He ended up performing what critics described as "Walter to Walter" coverage of the mission -- staying on the air for 27 of the 30 hours that astronauts Buzz Aldrin and Neil Armstrong were on the moon. In 2006, NASA honored Cronkite by giving him their Ambassador of Exploration Award. "His marathon, live coverage of the first moon landing brought the excitement and impact of the historic event into the homes of millions of Americans and observers around the world," NASA said in a news release announcing the award. Cronkite was the first non-astronaut and only NASA outsider to receive the award.

(<http://www.arrl.org/?artid=6130>.)

Steve Mendelsohn, W2ML, was Cronkite's radio engineer at CBS for many years. "I had many chances to discuss my favorite hobby, ham radio, with 'the world's most trusted anchor man,'" he told the ARRL. "Gradually, his interest increased, but on finding that he had to pass a Morse code test, he balked, saying it was too hard for him; however, he told me he had purchased a receiver and listened to the Novice bands every night for a few minutes. At the CBS Radio Network, Walter would arrive 10 minutes before we went on the air to read his script aloud, make corrections for his style of grammar and just 'get in the mood' to do the show. In those days Rich Moseson, W2VU, was the producer of a show called "In the News," a 3 minute television show for children voiced by CBS Correspondent Christopher Glenn. On this day, Rich was at the Broadcast Center to record Chris' voice for his show and had dropped by my control room to discuss some upcoming ARRL issues." At the time, Mendelsohn was the ARRL Hudson Division Director.

"When Walter walked into the studio, I started to set the show up at the behest of our director, Dick Muller, WA2DOS," Mendelsohn recalled. "In setting up the tape recorders, I had to send tone to them and make sure they were all at proper level. Having some time, I grabbed "The New York Times" and started sending code with the tone key on the audio console. For 10 minutes I sent code and noticed Walter had turned his script over and was copying it. We went to air, as we did every day, at 4:50 PM and after we were off, Walter brought his script into the control room. Neatly printed on the back was the text I had sent with the tone key. Rich and I looked at the copy, he nodded, and I told Walter that he had just passed the code test. He laughed and asked when the formal test was,

but I reminded him that it took two general class licensees to validate the test and he had just passed the code. Several weeks later he passed the written test and the FCC issued him KB2GSD."

Mendelsohn helped Cronkite make his first Amateur Radio contact: "Having passed the licensing test, Walter was now ready to get on the air. His first QSO was on 10 meters about 28.390 MHz. He was nervous and I called him on the phone to talk him through his first experience. As we talked on the air, a ham from the Midwest come on and called me. Acknowledging him, I asked the usual questions about where he was from, wanting to give Walter a bit of flavor of what the hobby was about. I turned it over to Walter, and following his introduction, the gentleman in the Midwest said, 'That's the worst Walter Cronkite imitation I've ever heard.' I suggested that maybe it was Walter and the man replied, 'Walter Cronkite is not even a ham, and if he was, he certainly wouldn't be here on 10 meters.' Walter and I laughed for weeks at that one."

In 2007, ARRL Hudson Division Director Frank Fallon, N2FF, presented Cronkite with the ARRL President's Award. This award, created in 2003 by the ARRL Board of Directors, recognizes an ARRL member or members who "have shown long-term dedication to the goals and objectives of ARRL and Amateur Radio" and who have gone the extra mile to support individual League programs and goals. Cronkite was selected to receive the award in April 2005 in recognition of his outstanding support of the ARRL and Amateur Radio by narrating the videos "Amateur Radio Today" and "The ARRL Goes to Washington" (<http://www.arrl.org/pio/VTS-video.wmv>.) "It was quite a thrill to make this presentation to Cronkite," Fallon said. "He has long been recognized as the 'most trusted man in America,' so lining our causes to his face, name and voice has been a great help."

Cronkite is the recipient of a Peabody Award, the William White Award for Journalistic Merit, an Emmy Award from the Academy of Television Arts and Sciences, the George Polk Journalism Award and a Gold Medal from the International Radio and Television Society. In 1981, during his final three months on the CBS Evening News, Cronkite received 11 major awards, including the Presidential Medal of Freedom. In 1985, he became the second newsman, after Edward R. Murrow, to be selected for the Television Hall of Fame.

A private memorial service was scheduled for July 23 in New York City. Cronkite will be cremated and his remains buried in Missouri next to his wife Betsy, who passed away in 2005. A public memorial service will be held within the next month at Avery Fisher Hall at the Lincoln Center for the Performing Arts. In lieu of flowers, the family is requesting donations to the Walter and Betsy Cronkite Foundation through the Austin Community Foundation (<http://www.austincommunityfoundation.org/>), which will distribute contributions to various charities the couple supported.

As Cronkite said on March 6, 1981, concluding his final broadcast as anchorman: "Old anchormen, you see, don't fade away, they just keep coming back for more. And that's the way it is."

W1AW to add new digital modes to its transmitting schedule

After a survey of W1AW-listeners, W1AW will begin using two different modes on August 17, 2009.

On August 17, 2009, W1AW will replace its AMTOR and ASCII transmissions with PSK31 and MFSK16, respectively.

RTTY (Baudot) will continue to be the first digital mode used in the transmission schedule.

The frequencies used by W1AW for all its digital transmissions will remain the same.

All regular 6 PM and 9 PM eastern time digital transmissions will begin with RTTY. PSK31 and MFSK16 will be sent as time allows.

The Tuesday and Friday Keplerian data bulletins will be sent using RTTY and PSK31.

The W1AW operating schedule -- complete with times and frequencies -- can be found on the ARRLWeb page at, <http://www.arrl.org/w1aw.html#w1awsked>.

NNNN
/EX

NHC HAM STATION FEATURED IN NATIONAL DURACELL COMMERCIAL

[Ham Radio Newsline](#)

WX4NHC, the Amateur Radio Station at the National Hurricane Center is featured in a 60 second radio spot for Duracell batteries. The commercial, which begins airing this month, highlights the efforts of the volunteers who man and assist the ham radio operations for National Hurricane Center station WX4NHC.

With a voice over by actor Jeff Bridges, the spot describes the important role that radio amateurs play during severe weather conditions by enabling communications with police and fire departments along with other first responders when electrical service and telephones go away. The narration underscores the importance of a reliable battery to power the portable ham radio gear which the spot describes as essential to the work of WX4NHC.

The commercial is being played nationally during hurricane season. It should help promote awareness of the vital public service role played by amateur radio.

You can hear the new Duracell ham radio spot at

http://www.arrl.org/news/files/HURRICANE_60_PREPAREDNESS_MIX.MP3

Thought you would like to know hams trust only one brand of battery...Is this ad a joke?

National Conference of VECs Question Pool Committee Makes Another Omission Within the “General” Question Pool.

The National Conference of VECs Question Committee has recently and formally withdrawn the following question: **G1E10**... This change is not yet reflected on the NC-VEC web site nor the ARRL web site. However, the omission of G1E10 has been verified through the NC-VEC question pool committee and the ARRL via Email.

To recap:

The following questions have been formally withdrawn

Technician Element 2 (pool effective July 1, 2006):

T2A02

T3B11

T5D06

T6B09

T7A08

General Element 3 (pool effective July 1, 2007):

G2C06

G2D07

G5B10

G1E10 (most recent)

Extra Element 4 (pool effective July 1, 2008):

E2E10

E8C04

E9C16



2009 Field Day Logs Received
<http://www.arrl.org/contests/claimed/>

CLUB LOGO ITEMS “SHOW YOUR TRUE CLUB COLORS”

(See John Brandon KE4PCF, supplies are limited)

Ball Caps with Embroidered Logo



\$10.00

Embroidered Patches



\$3.50

Special order golf and/or button up shirts are also available.
Club logo, name and call sign are embroidered.
See any club officer for more information.



OSCAR STATUS

<http://www.amsat.org/amsat-new/satellites/status.php>

OSCAR FREQUENCIES :

<http://www.amsat.org/amsat-new/satellites/frequencies.php>

Satellite Prediction Software

(various platforms) <http://www.satobs.org/orbsoft.html>

Satellite News

Amsat.org

The South African Amateur Radio Satellite Association (SA AMSAT) reports that South Africa's second Amateur Radio satellite SumbandilaSat is due to launch on September 15.

AMSAT-SA reported that the satellite is already in Baikonur for system integration and from where it will be launched on its journey around the earth on a Soyuz rocket.

The Amateur Radio payload comprises a V/U FM voice transponder with an uplink in the 2 meter band and a downlink in the 70cm band. It has a parrot repeater (voice digipeater) and a voice beacon.

The Amateur Radio Payload will be operating in conjunction with the University of Stellenbosch Software Defined Receiver project as it will share the VHF receiver and UHF transmitter used by

the SDR project.

The SA AMSAT payload has been assigned the callsign ZS0SUM. Control of the satellite's function from the ground will be accomplished by transmitting CTCSS tones which will be announced. One tone will command the satellite in the transponder mode; another CTCSS tone will command the satellite into the parrot repeater mode; and if no tones are received for a period of time the satellite will activate its voice beacon.

Frequencies of operation for the FM voice Transponder and Parrot are:

Uplink 145.880 MHz
Downlink 435.350 MHz

In other news, the first D-Star nano-satellite is scheduled to launch into low orbit aboard the Vega rocket in October 2010! Check out <http://hambrief.tv/> for more info.

MFJ Purchases Cushcraft Amateur Radio Antennas Product Line

MFJ Enterprises, Inc., Starkville, Mississippi has purchased Cushcraft Amateur Radio Antennas Product Line from Laird Technologies, St. Louis, Missouri effective July 31, 2009. MFJ Enterprises, Inc. also owns Ameritron, Hy-gain, Mirage and Vecronics.

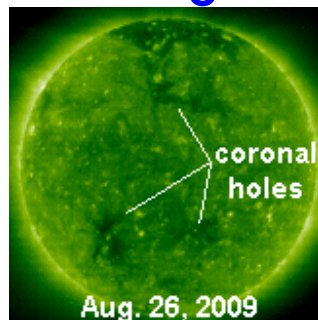
SSTV FREE software

For free SSTV software, visit
<http://mmhamsoft.amateur-radio.ca/>

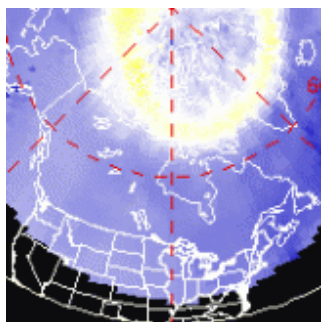
WHERE ARE THE "SUNSPOTS" ?



Daily Sun: 26 Aug 09
Total: 0



Several holes have opened up in the sun's corona. A solar wind stream flowing from two of them could reach Earth as early as August 28th or 29th. Credit: SOHO Extreme UV Telescope



Current Auroral Oval

September Club Meeting

September 29

Holiday Inn / Lanier Center (This may change)

400 EE Butler Parkway Gainesville, Georgia-----Dinner @18:00 with meeting following @
19:00

Lunch Bunch Every Friday at 11:30 there is a lunch get-together at a local restaurant. The location is announced on the Wednesday night net, our web site under the activities tab and under the calendar icon as well as announced on the 146.67 repeater. ALL are welcome

Hall County Nets W4ABP repeater 146.67 (-) 131.8 Hz PL
Hall County ARES Net, Wednesday @ 20:00 & LARC Net, Wednesday @ 20:30
"Everyone is welcome to check in"

Quote of the Month

Sometimes, when I look at my children, I say to myself ~-'Lillian, you should have remained a virgin.' -- Lillian Carter (mother of Jimmy Carter)

Proverb of the Month

A verbal contract isn't worth the paper it's written on

"LID" a term used in amateur radio to denote a poor operator; one who is inept at the practice of the art. No one really can say where the term originated but to be called a lid is generally the ultimate insult.

How To Sound Like A Lid Part 4

See May issue for Part 1, June issue for part 2, July issue for part 3
Neil Foster, N4FN

Step Nineteen: Use the repeater for an hour or two at a time, preventing others from using it. Better yet, do it on a daily basis. Your quest is to make people so sick of hearing your voice every time they turn on their radio, they'll move to another frequency. This way you'll lighten the load on the repeater, leaving even more time for you to talk on it.

Step Twenty: See just how much flutter you can generate by operating at handheld power levels too far away from the repeater. Engage people in conversations when you know they won't be able

to copy half of what your saying. Even when they say you're un-copyable, continue to string them along by making further transmissions. See just how frustrated you can make the other amateur before he finally signs off in disgust.

Step Twenty - One: Use lots of radio jargon. After all, it makes you feel important using words ordinary people don't say. Who cares if it makes you sound like you just fell off Channel 19 on the citizen's Band? Use phrases such as "Roger on that", "10-4", "I'm on the side", "Your making the trip" and "Negatory on that."

Step Twenty -Two: Use excessive microphone gain. See just how loud you can make your audio. Make sure the audio gain is so high that other amateurs can hear any bugs crawling on your floor. If mobile, make sure the wind noise is loud enough that others have to strain to pick your words out from all the racket.

Step Twenty -Three: Start every transmission with the word "Roger" or "QSL". Sure, you don't need to acknowledge that you received the other transmission in full. After all, you would simply ask for a repeat if you missed something. But consider it your gift to the other amateur to give him solace every few seconds that his transmissions are being received.

Step Twenty -Four: When looking for a contact on a repeater, always say your "listening" or "monitoring" multiple times. I've always found that at least a half dozen times or so is good. Repeating your multiple "listening" ID's every 10 to 15 seconds is even better. Those people who didn't want to talk to you will eventually call you, hoping you'll go away after you have finally made a contact.

Step Twenty - Five: Always use a repeater, even if you can work the other station easily on simplex ... especially if you can make the contact on simplex. The coverage of the repeater you use should be inversely proportional to your distance from the other station.

Step Twenty - Six: When on repeaters using courtesy tones, you should always say "over". Courtesy tones are designed to let everyone know when you have un-keyed but don't let that stop you. Say "over", "back to you" or "go ahead". It serves no useful purpose but don't worry, it's still fun!

Step Twenty - Seven: Use the repeater's autopatch for frivolous routine calls... especially during morning or evening commute times. While pulling into the neighborhood, call home to let them know you'll be there in two minutes.... or, call your spouse to complain about the bad day you had at work. After all, the club has "measured rate" service on their phone line so they get charged for each autopatch call. Your endeavor is to make so many patches in a year that you cost the club at least \$20 in phone bills. That way you'll feel you got your money's worth for your dues!

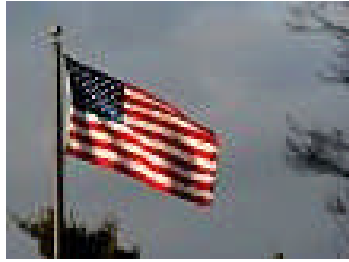
Step Twenty - Eight: Never say "My name is" It makes you sound human. If at all possible, use one of the following phrases: a) "The personal here is ..." b) "The handle here is..."

Step Twenty - Nine: Use "73" and "88" incorrectly. Both are already considered plural, but add an "s" to the end anyway. Say "73's" or "88's". Who cares if it means "best regards" and "love and kisses." Better yet, say "seventy thirds"! (By the way, seventy thirds equals about 23.3).

Step Thirty: If the repeater is off the air for service, complain about the fact that it was off the air as soon as it's turned back on. Act as though your entire day has been ruined because the repeater wasn't available when you wanted to use it. Even though you have never paid a penny to help out with the upkeep of it. Welcome to "LID-Hood." KARC

Riley Hollingsworth had the following "Ten Tips for a Brighter Ham Radio Future":

1. Be proud of what you have. Let the public know what Amateur Radio is and why it's valuable.
2. Operate as if the whole world is listening. It is !
3. Take nothing for granted. Bill Gates can't and you can't either.
4. You're at a crossroads now, seize the moment, and make this your finest hour.
5. Make sure that on your watch, Amateur Radio never becomes obsolete.
6. Teach the new licensees all you know. Think about the legacy you were given.
7. Enjoy ham radio. Celebrate it. But realize it comes with responsibility. Every gift of lasting value always does.
8. Stay away from arrogant, negative operators who know all the answers.
9. Never allow Amateur Radio to become the audio version of The Jerry Springer Show.
10. I'm standing here talking about enforcement because the ARRL never gave up [trying to get the FCC to resume enforcement]. Take care of the one voice you have.

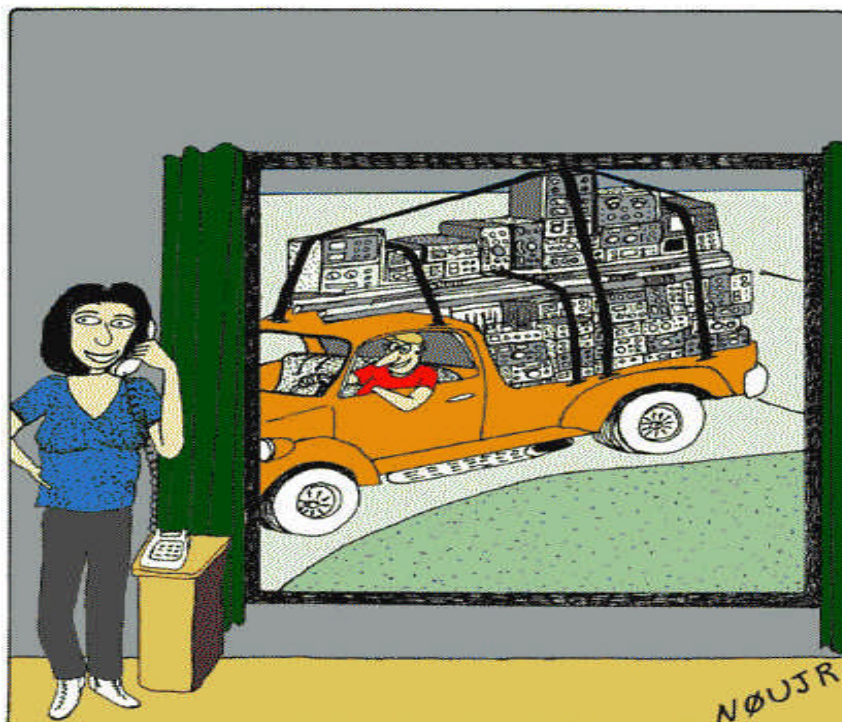


I PLEDGE ALLEGIANCE TO THE FLAG,
OF THE UNITED STATES OF AMERICA ,
AND TO THE REPUBLIC FOR WHICH IT STANDS,
ONE NATION UNDER GOD,
INDIVISIBLE, WITH LIBERTY AND JUSTICE FOR ALL!

**It is said that 86% of Americans believe in God.
Therefore I have a very hard time understanding
why there is such a problem in having
'In God! We Trust' on our money and having
'God' in the Pledge of Allegiance.**

I believe it's time we stand up for what we believe!

“HAM” Humor



"No Greg went to the ham auction this afternoon,
to get rid of a couple old radios that were cluttering
up the place...Oh I think I hear him pulling in now!"

Many thanks go to those who submitted news, information and articles for this edition. Send you newsletter contributions to W4DJG@bellsouth.net

As a reminder, newsletters are archived within our web-site. Each issue is listed with the most recent edition first.

<http://www.lanierlandarc.org/newsletters.html>



Lanierland Amateur Radio Club

PO BOX 2182

Gainesville, Georgia 30503



**SEE NEXT PAGE FOR AN INTERESTING
CROSSWORD PUZZLE**

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August 2009 ARRL Web Puzzler

Across

1. Remembered place in W5-land
6. Sprays
11. Small rigs
14. F3 compared with A1, say
15. HPM call sign, once
16. Deleted entity island, with Abu
17. A4 denizen
18. J6 name
19. 9/11 year
20. Frequent author in 60- across
22. F9 wine
23. An H follower
24. W1 to CN dir
25. I-land good
26. UTC predecessor
29. Thyristor type
31. News
33. Detect after the detector
35. Famous W4 suffix (SK)
37. Cyber attacker, with net
38. What 20 across' articles described
44. Alpha male suffix?
45. Former F coin
46. CW, to FCC
47. Adobe product
51. Dir. for HL from W2
53. W5 ARRL sect.
54. Sinister look
55. OSCAR, for one
57. Ham equipment dealer
59. Sometimes accompanies a QSL with an SAE
60. Frequent place for ham humor
65. Opposite of paleo-
66. Elmer, in a way
67. VOA part
68. Diamond or Comet mounting place
69. Equatorial prefix

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70. 720 and 753, for example
71. Opposite of 65 across
72. Amplifier, slangily
73. Sloper orientation

Down

1. Roll call misser
2. Before mike
3. 4X month
4. The brainy bunch
5. Tennessee transceivers
6. XE sauce
7. Accustom (to)
8. Trig ratio
9. BV city
10. Shop partner, on a net, say
11. Takes place at Hara
12. It's everything, often
13. Collins sets
21. Scratches, as to a wire
25. Flora and fauna
26. JK predecessors
27. Storage, for short
28. What we did before wav, mp3, etc.
30. Ham bane
32. Ant. performance meas.
34. Yagi yawer
36. KB2GSD network
39. Weep
40. Skywave reflector
41. EME path
42. Suffix with persist
43. Driver's license datum
47. Maker of 11 across, for example
48. Some like it hot
49. Per se
50. Arm art
52. Interlaces
56. Iceland ID
58. Go bad
60. Locales
61. Loads from lodes

- 62. TI last name
- 63. Desktop feature
- 64. "_we forget"