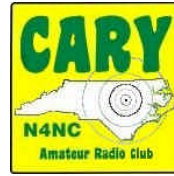


Feedline



www.qsl.net/n4nc/
N4NC@arrl.net

The Voice of The Cary Amateur Radio Club N4NC

December 2001

A message from the new Vice President

By Clarence M. Owens

First, I want to thank the members for their appointing me Vice President of the Club. I will do my best to provide a series of interesting and informative programs for this year. Back in Bloomington, IN I was the technical committee chairman of the BARC for a year and that experience, my contact with a ham in VA who is very active in a large club and my own amateur radio interests should provide me with some good ideas for programs. Of course any and all suggestions for programs are welcome as well. I understand that my interests may not coincide with those of the majority of the club members.

As far as the immediate future is concerned, the January program either will be a tour of a broadcast transmitter site or a presentation on amateur radio emergency preparedness. I'll be doing the emergency preparedness meeting and can do it pretty much any month.

I also would like to get your opinions on the general idea of holding future meetings that would involve some sort of project building. I realize that there are many considerations of cost, interest levels and time required for completing projects, but I also believe there are some things we could do that would have general appeal, be inexpensive, only require a short build time and perhaps also help us with our emergency preparedness. As you've noticed by now, being prepared for emergencies is one of my recurring themes.

I can be reached at "owenscm @cat.com" and look forward to hearing from you. I hope everyone will have a happy and healthy holiday season and a Happy New Year.

Pheedline Phun Phacts

By Kaz, W4KAZ

Here's an idea that doesn't merit two hours of lengthy discussion, but falls under the "might be nice" category. Those of us that are ARRL members and internet users might want to consider setting up our e-mail address via the ARRL e-mail forwarding. I know that many have already done this, but have you kept the address current?. I make this as a suggestion that might help simplify the dissemination of information to individuals, rather than broadcasting to the entire group via the CARC yahoo group.

It has the benefit of being independent of your current Internet Service Provider, assuming you will continue to be an ARRL member. I am considering switching to it for ALL of my e-mail, for that reason alone. It is easy to change the e-mail address associated with your "arrl.net" address, to forward to a new mailbox (switch between work and home), or direct to a specific mail box. It will be easier for other hams to remember...well, some of them. Here is another point that appeals to the skinflint in me: It is already paid for with your ARRL membership. You may as well use it.

You WILL need to know your password with ARRL to setup or change this information, but if you have forgotten it, you can re-register. The direct link to the membership data page is: <http://www.arrl.org/members-only/memdata.html>

Think about it.....☺

New 220 Repeater

From e-mail repeater, by Gary KN4AQ

Danny Hampton K4ITL has put up a new, wide-coverage 220 repeater on 224.16 MHz (no tone, and the usual 1.6 MHz offset). The repeater is on one of the big TV towers southeast of Raleigh, "way up in the air" according to Danny. Initial coverage looks very good, with a bit of a null to the east toward Wilson.

Danny has included a UHF link to the PCRN network, but ran into some glitches after the repeater was installed, so the link isn't available yet. Time to dust off the 220 gear and give it a try!

And I've added 220 to the Triangle Repeater Chart on the RARS web site at:

<http://www.rars.org/repeater/trirpt.htm>. You might be surprised at how many 220 repeaters there are in the area.

Cary Amateur Radio Club To Hold Classes

By Herb, W3HL

The Cary Amateur Radio Club will hold classes leading interested persons to earn a Federal Communications Commission (FCC) Amateur Radio license.

The classes will be held Saturdays, January 5, 12, and 19, 9:00 a.m., to 1:00 p.m., at the White Plains United Methodist Church Activities Building, 313 SE Maynard Rd., Cary. The cost of registration is: \$5 per person. There will be an additional charge for optional materials that will be made available. Attendees should bring their own snacks and pencils.

Persons of ages six (6) and above have earned their FCC licenses through training offered by sponsoring Radio Clubs around the Nation. Also, limited physical challenges have not prevented many applicants from earning their licenses. An Amateur Radio license is an excellent way for young persons to become acquainted with things technical and scientific. The target of these classes is the no-code, Technician Class License. The knowledge of the International Morse Code is not necessary for that license.

Pre-registration made be made by check - \$5 per person – to: Cary ARC, mailed to: Cary ARC, P. O. Box 53, Cary, NC 27512-0053. The checks will be kept in postmarked order to reserve available seats for the classes. None of the checks will be cashed until after the classes begin on January 5, 2002.

The examinations will be administered on Saturday, January 19, 2002

Ham Radio on NPR

From email repeater, by Bert, WA4TLI

NPR featured amateur radio on a program broadcast 11/13/2001. You can listen to the Internet re-broadcast at <http://www.wamu.org/ram/2001/p2011113.ram>

<Editor's note: This webcast was still available on 12/20/2001, W4KAZ>

Amateur Radio Shines During National Public Radio Broadcast (Nov 14, 2001) --

Full story: <http://www.remote.arrl.org/news/stories/2001/11/14/2/?nc=1>

Amateur Radio was in the national spotlight during the "Tech Tuesday" segment of National Public Radio's "Public Interest" program on November 13. The show originates from WAMU-FM in Washington, DC, and is carried by some three dozen public radio stations across the US.

W1AW seeking reports on 40 meters

ARRL In Brief, November 15, 2001

From <http://www.remote.arrl.org/news/stories/2001/11/15/1/?nc=1>

Maxim Memorial Station W1AW has made some hardware changes to its 40-meter bulletin/code practice transmitter and now is seeking signal reports. When reporting, note your QTH, time of reception, mode, signal strength and quality. Use of the standard RST system is acceptable. Mail your report on a postcard to W1AW 40-meter reports, 225 Main St, Newington, CT 06111. E-mail reports may be sent to w1aw@arrl.org. W1AW's schedule calls for Morse practice Tuesdays through Fridays, 9 AM Eastern and Morse practice/bulletins Mondays through Fridays 4-6 PM Eastern, both on 7047.5 kHz. The weekday digital transmission begins at 6 PM Eastern on 7095 kHz. The complete W1AW operating schedule is on the ARRL Web site at: <http://www.remote.arrl.org/w1aw.html>

Ducie is Newest DXCC Entity! DXpedition Operation Imminent

(Nov 16, 2001)

Full story: <http://www.remote.arrl.org/news/stories/2001/11/16/1/?nc=1>

You may never have heard of it before, but Ducie Island in the South Pacific is the latest DXCC entity--the 335th, according to ARRL Membership Services Manager Wayne Mills, N7NG. Starting at 0000 UTC on November 16, 2001, Ducie Island will be eligible for DXCC credit as a result of a favorable vote to accept the Pitcairn Island Amateur Radio Association (PIARA) as an International Amateur Radio Union member-society

North Korea (P5) is on the air:

The ARRL Letter, Vol. 20, No. 45, November 16, 2001

North Korea, the DXCC entity that tops everyone's most-wanted list, was activated this month by Ed Giorgadze, 4L4FN, of the Republic of Georgia. The operation has not yet been approved for DXCC credit, however. On the basis of oral permission from North Korean authorities, Giorgadze has been operating as P5/4L4FN since early this month. Bruce Paige, KK5DO, reports that 4L4FN now is awaiting written permission from the North Korean government--something that's required for ARRL DXCC credit. As a result, it's possible the recent contacts will not count for DXCC. Paige is posting P5/4L4FN operating news on his Web site <<http://www.amsatnet.com/p5.html>> and to other DX news sites.

Amateur Radio Trader calls it quits

ARRL "In Brief", <http://www.remote.arrl.org/news/stories/2001/11/29/1/?nc=1>

Amateur Radio Trader magazine--which called itself "the ham radio marketplace"--is ceasing publication with its second November issue, which went out to subscribers November 20. "This was a difficult but necessary decision, due to the combined effects of the Internet on our print edition (the primary source of our Web content), and the economic climate," said the magazine's editor Barbara Patterson, KF4MVV, in a statement on the *Amateur Radio Trader* Web site. "ART is no longer a viable product for us. We are redirecting the company's resources into other areas." Patterson told ARRL that the *Amateur Radio Trader* Web site also would be discontinued and that subscribers would be reimbursed for any outstanding issues.

FCC says ULS now compatible with Internet Explorer and Netscape

ARRL "In Brief", <http://www.remote.arrl.org/news/stories/2001/11/29/1/?nc=1>

The FCC has announced that its Universal Licensing System (ULS) now can be accessed using either *Internet Explorer* 5.5-6.0 or *Netscape Navigator* 4.5, 4.51, 4.61, 4.7 and 4.75. Until now, the ULS has supported only *Netscape*. The FCC says applicants may now use *Internet Explorer* to file applications and for all other ULS purposes. For more information, contact ULS at ulscmm@fcc.gov. For questions concerning computer access to ULS, CORES registration and FCC Registration Number, TIN/Call Sign issues, or submitting attachments in ULS, contact the Technical Support Hotline, 202-414-1250, available weekdays 7 AM-10 PM, Saturdays, 8 AM-7 PM and Sundays from noon-6 PM Eastern Time. The *Public Notice* outlining this change is available on the FCC's Web site.

Starshine 3 is now SO 43

ARRL "In Brief", <http://www.remote.arrl.org/news/stories/2001/11/29/1/?nc=1>
AMSAT-NA Board Chairman Bill Tynan, W3XO, has announced that the recently launched Starshine 3 satellite has met all the requirements for an OSCAR number and has been designated Starshine OSCAR 43 (SO-43). Starshine Project Director Gill Moore, N7YTK, had requested an OSCAR designation. Starshine 3 is a mirror ball with AX.25 9600-baud telemetry on 145.825 MHz. The satellite is visible to the eye and will provide students the opportunity to participate in its primary mission of satellite tracking. It's currently in a circular orbit at an altitude of 300 statute miles and an inclination of 67 degrees. Starshine 3 was one of three Amateur Radio payloads boosted into space September 30 from Alaska by the Kodiak Star launch vehicle--an Athena I rocket. The other payloads were the APRS-equipped PCsat and Sapphire. More information about the Starshine project can be found on the Starshine Web site, <http://azinet.com/starshine/> and <http://azinet.com/starshine/comsys.htm> --*AMSAT News Service*

New York Ham Wins Antenna Lawsuit

ARRL, Amateur Radio News,(Dec 6, 2001) –
In one of the most favorable PRB-1 court rulings in years, a New York amateur has won a three-year battle to erect a tower on his property. The US District Court for the Northern District of New York has ordered the Saratoga Springs Planning Board to grant Randall J. Palmer, N2NVH, a special use permit for a 44-foot antenna support structure. PRB-1 is the limited federal pre-emption that requires localities to reasonably accommodate Amateur Radio communication.
(full story: <http://www.remote.arrl.org/news/stories/2001/12/06/2/?nc=1>)

EMP Shielding Proposal Could Include Amateur Radio Gear

NEWINGTON, CT, Dec 7, 2001--A petition recently put on public notice by the FCC would require that all electronic equipment subject to the Commission's jurisdiction be shielded against electromagnetic pulse (EMP) damage. The proposal, as drafted, would apply to both new and existing equipment that falls within its scope. If the petitioners have their way, that would include Amateur Radio equipment.

EMP--a high-voltage wave of electromagnetic energy--already is known to be a side effect of a thermonuclear explosion. But petitioners Don Schellhardt and Nick Leggett, N3NL, claim that terrorists could initiate an EMP using other technology--so-called "E bombs"--developed by the US military but, as yet, untested on a major scale.

Amateur Radio is mentioned only once in the Schellhardt-Leggett petition, and that's in the context of equipment that might qualify for a "luxury exemption" under their proposed rules. Leggett told the ARRL that they kept the rules for Amateur Radio equipment "rather vague" for now, "yet we felt that amateur radio is an important emergency service that would benefit from EMP shielding and bypassing." Leggett said their primary intention is to promote serious discussion on the EMP issue--especially in the wake of the September 11 terrorist attacks--and that they consider their proposed regulations as "initial talking points" for further refinement.

"We do lean towards mandatory requirements for some type of EMP protection for commercially produced amateur radio equipment," Leggett said. "We would both very much like to see constructive progress in the protection of amateur radio equipment from EMP events and attacks."

Amateur Radio Lighthouse Society To Activate Pensacola Lighthouse

ARRL "In Brief", <http://www.remote.arrl.org/news/stories/2001/12/13/1/?nc=1>
Five Flags Amateur Radio Association will activate the Pensacola (Florida) lighthouse January 1, 2002, for a special event, using the call sign W4UC. The Amateur Radio Lighthouse Society says its research indicates that no Amateur Radio operations have ever been conducted from the Pensacola lighthouse, which will mark its 143rd anniversary on New Year's Day. "An awesome opportunity exists for Amateur Radio operators around the world to make a unique lighthouse contact," said FFARA President Tim Weikert, KC7DCQ. The special event station will operate from January 1, 1400-1800 UTC on 20 and 15 meters. Operation on 40 meters also is possible. Stations contacting W4UC at the lighthouse may receive a W4UC special event QSL card and a Pensacola Lighthouse history brochure in return for a self-addressed, stamped envelope to KC7DCW. For more information, contact Tim Weikert, KC7DCW; kc7dcw@arrl.org.