

Feedline



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The Voice of The Cary Amateur Radio Club N4NC

October 2001

Pheedline Phun Phacts

It is with a great deal of trepidation that I approach my second issue of the clubs newsletter. The letter seems a trivial thing following the events of September 11th, but perhaps there is some small comfort to be found in the mundane. Everyone will likely remember what he or she was doing at work, or wherever he or she was, or how they found out about the events of that horrendous day. I was actually at home, working on my first issue of this newsletter, when I found out.

The thoughts and prayers of the Cary Amateur Radio Club go to all who have lost family or friends on September 11th, 2001.

The following was sent to me for inclusion in the Feedline by Tom Klimala, KM4LB. This note makes a point that I had not considered. Thanks to Tom for sharing it with the group.

Here is a note I sent to my (Global Technical Service Delivery) engineers at Worldcom. I am sure the same sentiments can apply to others in the club.

A Message to GTSD Engineers about your role in the events of September 11.

I heard an interesting essay about the history of disaster communications and would like to add a bit to show how you helped in the aftermath of the events of September 11.

When Lincoln was assassinated, the nation and the world of 1865 had to read about in newspapers and handbills. When the Maine was sunk in 1898, the news was spread by the telegraph. In 1941 the world huddled around their radios, listening to the news about Pearl Harbor, and then their television sets in '63 when President Kennedy was shot.

News about the events of September 11 were the first sent by Internet, by people who were online with IM and Email, and those on the phone when the first plane hit. In the days and weeks afterward, Internet news sites and newsgroups carried the images and details around the world. Many citizens of NYC picked up their cell phones to report themselves safe, or to make inquiries about others.

I am not going to comment on all the restoration work that was done after the attacks. That will be done by others and in greater detail at some later time. The point I would like to make is that you, and other WCOM employees, by just doing your job, and doing it well, in the days prior to the attacks, contributed positively to America's hearing, understanding, and reaction to those events.

We will never know if a data circuit we provided carried any voice, IM, or email...maybe the last from that person, in the minutes following the impacts. But just knowing that it could be true should bring a new focus to the work you do day in and day out. I'm sure Morse and Marconi had some notion of the importance of their work, but did the linemen who strung the wires or the technicians who erected the first antennas have that vision?

Probably not. They were just doing a job, collecting a check. But in the end, it was their work that enabled the power of those inventions to be realized.

Keep turning up those circuits...you are doing important work.

My son Lee is aboard the USS BATAAN, <http://www.spear.navy.mil/ships/lhd5/> in the Theodore Roosevelt Battle Group (TRBG) They left September 20 for the Mediterranean. The Bataan is the lead assault ship in the Bataan Amphibious Ready Group that consists of the USS Bataan, US Shreveport and USS Whidbey Island. His unit is the 26th Marine Expeditionary Unit based at Camp Lejeune, N.C. (2,100 Marines, tanks, amphibious assault vehicles, attack helicopters, and jets.)

For the first time in 23 years he is beyond my protection and his mother's comfort. I am not too proud to ask, for those of you who are so inclined, to mention him (and all active duty personnel) in your prayers now and then. Thanks, KM4LB

Good luck to Lee and all of the other fine young people who may be sent into harm's way.

CARC Minutes - 27 Sep 2001

The September meeting of the Cary Amateur Radio Club was held on 27 September, 2001. The meeting was opened by the vice-president, Ed, AB4S, in the absence of the president. Introductions by the attendees were done, there were 14 in attendance, 12 members and 2 guests. Since the program was to be a "Foxhunt", business was to be held to a minimum.

The treasurer's report, given by Susan, WA4AKB, was "the same as last time. There has been no income or expenses this month." The secretary's report, given by Lee, N4AJF, was to refer to the last issue of the "Feedline".

There was no old business brought before the meeting. For new business, Alf, KQ4FP, reported on the videotape put out for a new ham class by W5YI. After discussion, he was requested to buy one copy of the tape, audio cassette, and course guide, for evaluation. Discussion was had about when to have the class, it was decided to hold a one-day class in January, 2002. Herb, W3HL, and Lee, N4AJF, were asked to find and schedule a place to hold the class. Herb, W3HL, will head up the class.

For next year's swapfest, Will, K4IWW, brought up that some of the CARC vendors would be glad to start handing out CARC Swapfest flyers at any time. It was decided to put together an abbreviated flyer and have it ready to distribute at the Benson hamfest. The ad in the SERA Journal also needs to be placed.

The Christmas Party is scheduled for November 29, 2001, at the K&S Cafeteria. Herb, W3HL, will make the arrangements.

The meeting was adjourned, and preparations for beginning the foxhunt were addressed. The "fox" was 2 foxes, placed by Dennis, KA4ATK, the winner of last years' hunt, and his wife, Jeanne. Charles, NZ0I, provided the foxes. For results, see the separate article.

Lee H. Swanson, N4AJF
Secretary, CARC

Cary Band Day

By Herb, W3HL

The Cary ARC has supported the Cary High School Band Day, usually the first Saturday in November, since about 1976. The help we give them is to provide communications in and around the actual parade route in the morning.

Our involvement is in the arrival, movement, assembling, and progression of the parade participants. Some will meet the bands arriving early in the 6:30 to 8:30 a.m., time-frame. Others will be in the assembly area. Later some of us will relay the order of the parade to the Reviewing Stand. At the completion of the parade - approximately 11:30 a.m., we are done.

No matter where you are assigned, your involvement will only be about two hours. The slots start at various times. Except for the Arrival area and the Reviewing Stand slots, your activity will be minimal - unless someone needs either the Rescue Squad or the Police.

We generally ask each of the participants to handle the same slots every year. That way the learning curve is reduced. In order to find out where you can be posted, we will have a signup time at the October 25, meeting. On the morning of Saturday, November 3, you can meet at the circle in front of the Cary Elementary School at the south end of Academy Street between 8:30 and 9:00 a.m. Assignments and identifying armbands will be issued.

Please consider this very simple exercise that we consider a contribution to the Cary community, since we can do what we do - communicate!!!

Hope to see you on the morning of Saturday, November 3, Cary Band Day!

Cary ARC November-December Dinner

By Herb, W3HL

As is our custom, since the fourth Thursdays of both November and December conflict with Thanksgiving and the December holidays, we combine them into one evening where we meet for an informal dinner. We generally meet the Thursday following Thanksgiving. This year, that would be November 29, since Thanksgiving is so early this year.

We will meet at the K&S Cafeteria, between South Hills Mall and Crossroads Ford, between 6:00 and 6:15 p.m. Go right through the serving line, turn left and go straight to the rear of the Dining Room, where we will have an area reserved for CARC.

The meeting is informal - casual attire, please. No business will be conducted. Come as you are and bring the whole family. Talk-in will be on simplex: 146.52 MHz.

Info Swap Shop

October Cary ARC Meeting →7:31pm Thursday, October 25th, 2001

The program is rumored to "maybe", "possibly", be a National Weather Service presentation.

After searching far and wide for a low visibility "camo" rope to use for antenna supports in my trees, I found a roll of olive drab nylon "parachute cord" available through Cabellas for the price of \$34.99 for a 1000 foot spool (about 3.5 cents a foot), plus shipping. I ordered several other items, and the shipping charge for all was less than \$10.00. You can see a photo on their web site, www.cabellas.com. Their part number is HB-51-1527. Much easier on my wife's eyes than baling-twine-orange!

73, W4KAZ

I am looking for a referral to a dependable repair shop for a PC monitor. I have not had good luck picking PC repair shops out of the phone book. Cary, Raleigh, RTP, Durham are not off limits.

I don't like asking for help without giving some in return. So here's my contribution. King Video, 590 Chatham Street, in a new strip mall right across from Weaver Bros.Autos. They repair TV's, DVD's VCRs, Camcorders.

I have had two VCR's repaired there. The turnaround time is good, and the fixes stay fixed. Ed the manager there will tell you whether your machine is worth repairing or not. I happen to have older machines with all metal chassis and transport mechanisms that have no competition on the store shelves. If you have a one or two year old machine with a lot of plastic innards, he will let you know that you can get a new box for the price of the repair. I have no connection with King Video other than as a satisfied customer.

KM4LB - klimala@mindspring.com

Share your own tips or otherwise arcane facts for the "Info Swap Shop" by e-mail to: w4kaz@arrl.net

Volunteer Testers

By Alf, KQ4FP.

I am looking for some volunteer "testers" who can take one or more of the freeware software programs I've downloaded which claim to help teach the Technician exam to beginners. I also have some freeware programs for teaching 5 wpm code as well. In fact, my problem is that I have too many programs, although other excellent FREEWARE programs which you may be acquainted with are welcome to be tested as well!

What I'd like for us to do is be able to supply new members with some freeware programs which could help new hams pass their license exams, in case for some reason they don't make it the first time, or if possible we could send people who sign up for our class a CD which they could use to get a "headstart" in covering the necessary material. If you'd like to help in evaluating these materials, send an email to KQ4FP@arrl.net, or if you want a quicker response, send me email to my Mindspring account on this email alfjohn@mindspring.com .

Training Tapes

By Alf, KQ4FP.

I've run into a minor problem with the videos I was considering using, but an unexpected opportunity presented itself as well when CQ put ALL their tutorial videos on sale for half price. I'd like to hear from all the members about what they think we should order. The Gordon West tape is only 30 minutes. long (and costs \$20.00 each) , but there are a number of CQ tapes which provide introductions to Ham radio as well as tutorials on how to set up a VHF and HF station and a number of other stations as well, including satellite stations as well. So I'm leaning right now to purchasing the Gordon West tape and filling in with one or more CQ tapes on Introducing Ham Radio, VHF, and HF operations. (Yes, one tape does includes soldering lessons, Herb!!)

If you take CQ magazine, you can look for their ad and see what I'm talking about. In short, I want further input before I start buying these tapes. The more CQ tapes we buy, the cheaper they are.

In case you haven't heard, the other alternative is \$150 for three ARRL tapes. (vs. \$20 for Gordon West plus \$70 FOR EVERY VIDEO THAT CQ MAGAZINE MAKES!!)--These CQ tapes could each provide a great program for the entire club on a night when no program is available. In fact, CQ magazine has received several awards on the quality of these tapes and I believe I remember that at least one of these tapes included hams in the Raleigh area which we all know!!!

73, KQ4FP.

Backwoods Orienteering Klub (BOK) ARDF-Style Transmitter Hunt

From Charles, NZ0I

This is the last scheduled BOK International-style hunt for 2001!

Start Time: October 21, 2001., Begin anytime between noon and 1:30 PM.
Place: Umstead State Park - Camp Whispering Pines (south Umstead entrance).
Directions to the park are available at <http://www.qsl.net/nz0i/umsteadsouth.htm>.

Hunt Format: On foot. Five synchronized transmitters on 146.565 MHz will be placed in the forest.

If it is rainy on the day of the hunt, check the PTT web site (<http://www.qsl.net/nz0i/schedule.htm>) for a possible cancellation notice.

Entry:

There will be a charge of \$4 per individual (or group hunting together) payable to the Backwoods Orienteering Klub (BOK) who is sponsoring this event. The fee entitles you to an excellent topographical map and a score card. Note: minors must be accompanied by an adult.

Hint:

If you'd like to avoid the crowd of orienteers at the registration table, then get a competitor number at the BOK web site: <http://www.treklite.com/bok/>. The competitor number pre-registers you for BOK events, allowing you to skip the long slow registration line, so you can start the hunt with much less delay. **YOU DO NOT NEED TO BE A BOK MEMBER TO PRE-REGISTER!**

Bring:

your two-meter handheld or scanner plus a portable beam and attenuator if you have them. Direction finding gear will be available for loan. Remember: dress for the weather, and for a walk in the woods.

Classes:

BOK will be offering two free classes: an Intermediate Orienteering Class, and a Beginners Orienteering Class. Both classes will start at 12:30, and last 30 to 45 minutes. You can find out more about BOK, orienteering, and their classes at the BOK web site. Let me know if you have any questions.

Happy Hunting, Charles

<mailto:cscharlau@intrex.net>

P.S. Anyone interested in hiding any of the transmitters for this event, should contact me at the e-mail address above. Hiding transmitters can be almost as much fun as finding them!

Brain Teaser - or - "Why Physics is Phun"

The October issue of Scientific American concludes with the question all civilizations with running water have been asking for the last 80 years, "Why does the shower curtain move toward the water?"

Curious? The answer is available (briefly) in next month's Feedline, in the October issue of S.A., or online at <http://www.sciam.com/askexpert> (click on the "Physics" category).

Benson Hamfest Reminder

The Jarsfest is November 18th, 2001 from 8:00am to 4:00pm in Benson, NC. See <http://www.jars.net/jarsfest.htm>

Upcoming Contests

For OCTOBER 2001

JARTS WW RTTY Contest	0000Z, Oct 20	-	2400Z, Oct 21
50 MHz Fall Sprint	1200Z	-	1900Z, Oct 20
Worked All Germany Contest	1500Z, Oct 20	-	1459Z, Oct 21
Asia-Pacific Sprint, CW	0000Z	-	0200Z, Oct 21
RSGB 21/28 MHz Contest, CW	0700Z	-	1900Z, Oct 21
Illinois QSO Party	1800Z, Oct 21	-	0200Z, Oct 22
YLRL Anniversary Party, SSB	1400Z, Oct 24	-	0200Z, Oct 26
CQ Worldwide DX Contest, SSB	0000Z, Oct 27	-	2400Z, Oct 28
10-10 Int. Fall Contest, CW	0001Z, Oct 27	-	2400Z, Oct 28

For NOVEMBER 2001

IPA Contest, CW	0600Z	-	1000Z, Nov 3 and
	1400Z	-	1800Z, Nov 3
ARRL Sweepstakes Contest, CW	2100Z, Nov 3	-	0300Z, Nov 5
ARCI Running of the QRP Bulls	2100Z, Nov 3	-	0300Z, Nov 5
IPA Contest, SSB	0600Z	-	1000Z, Nov 4 and
	1400Z	-	1800Z, Nov 4
High Speed Club CW Contest	0900Z	-	1100Z, Nov 4 and
	1500Z	-	1700Z, Nov 4
Japan Int. DX Contest, Phone	2300Z, Nov 9	-	2300Z, Nov 11
Anatolian ATA PSK31 Contest	0000Z	-	2400Z, Nov 10
WAE DX Contest, RTTY	0000Z, Nov 10	-	2359Z, Nov 11
ARRL International EME Competition	0000Z, Nov 10	-	2359Z, Nov 11
OK/OM DX Contest, CW	1200Z, Nov 10	-	1200Z, Nov 11
CQ Western Electric Contest	1600Z, Nov 10	-	0500Z, Nov 12
LZ DX Contest, CW	1200Z, Nov 17	-	1200Z, Nov 18
IARU Region 1 160m Contest, CW	1400Z, Nov 17	-	0800Z, Nov 18
ARRL Sweepstakes Contest, SSB	2100Z, Nov 17	-	0300Z, Nov 19
RSGB 1.8 MHz Contest, CW	2100Z, Nov 17	-	0100Z, Nov 18
CQ Worldwide DX Contest, CW	0000Z, Nov 24	-	2400Z, Nov 25

IARU Administrative Council Calls for End to Morse Requirement

ARRL website (Oct 12, 2001) --

Saying that it was "setting aside any previous relevant decisions," the International Amateur Radio Union Administrative Council this week resolved that IARU policy supports "the removal of Morse code testing as an ITU requirement for an amateur license to operate on frequencies below 30 MHz." The Council further resolved to urge member societies--as an interim measure--to seek Morse code testing speeds "not exceeding five words per minute."

Ariss Antennas Move Closer To Launch

The ARRL Letter Vol. 20, No. 37 September 14, 2001

New Amateur Radio on the International Space Station antennas could be in place by early 2002. In addition, plans now call for splitting the current initial ARISS equipment into separate ham stations aboard the ISS--initially 2 meters in one location and 70 cm in the second.

ARISS Chairman Frank Bauer, KA3HDO, said the new flight antenna systems were shipped earlier this month to Johnson Space Center for a bench review. "We will be having our final safety review with NASA on September 18," he said. He said prototype units already have been tested to see if they withstand the temperature extremes and "thermal shock" of space. Technical testing for SWR and pattern also has been completed.

The new antennas--designed to cover HF, VHF, UHF, and the 1.2 and 2.4 GHz bands--are expected to be transported to the ISS in late November aboard the shuttle Endeavour on the STS-108 mission. The new antennas could be installed during a space walk early next year after the Expedition 4 crew is aboard. Bauer said training to install the new antennas is under way.

Once the appropriate gear is in place, ARISS operation could extend from HF through 2.4 GHz. The HF antenna is a 2.5-meter long flexible tape. Bauer thinks it will definitely work on 10 meters and speculated that it might work on 15 or 20 too. The new antennas will be arrayed around the perimeter of the ISS Russian Service Module--or Zvezda.

Visit the ARISS Web site, <<http://ariss.gsfc.nasa.gov>>.

Kodiak Star Launch Delayed As A Result Of Terrorist Attacks:

The ARRL Letter Vol. 20, No. 37 September 14, 2001

The Kodiak Star launch that will carry three Amateur Radio payloads--including the US Naval Academy's PCSat APRS satellite--into space from Kodiak, Alaska, has been delayed due to travel disruptions caused by the recent terrorist attacks. NASA says the launch has been rescheduled for September 20, at 0100 UTC (9 PM Eastern, September 19). The Kodiak Star mission comprises four small satellites that will be launched aboard a Lockheed Martin Athena 1 rocket. The launch will mark the first orbital launch from the new Kodiak Launch Complex in Alaska. PCSat is a 1200-baud APRS digipeater to be accessible using H-Ts and mobiles. It will operate on 145.825 MHz. Starshine 3 is a mirror ball with AX.25 9600-baud telemetry on 145.825 MHz, and Sapphire has 1200-baud AX.25 telemetry and a voice replay on 437.1 MHz.

Kuwait Authorizes 9K2USA Call Sign:

The ARRL Letter, Vol. 20 No. 38, September 21, 2001

Bob Furzer, K4CY/9K2ZZ, reports that the Kuwait Amateur Radio Society--in conjunction with the Kuwait Ministry of Communications--has authorized the use of the call sign 9K2USA by all radio amateurs in Kuwait. The authorization is being characterized as "a small token of the sympathy and support for the people of the United States from the citizens of Kuwait, and as an expression of deep condolence" following the deadly terrorist attacks on New York City and Washington, DC. The authorization will continue through the end of September. The Kuwait Amateur Radio Society will handle QSL chores using a common database, and all QSLs will be via 9K2RA, e-mail 9K2RA@kars.org. Visit the KARS Web site <<http://www.kars.org>>.--Bob Furzer, K4CY/9K2ZZ

(Editors note: I have been hearing these guys on 17 meters in the late afternoon and early evening....W4KAZ)

FCC Inquiries Focus on 160-Meter Band Plan

ARRL website, (Oct 4, 2001) --

The FCC recently asked three amateurs to respond to complaints alleging that they deliberately transmitted SSB on top of CW stations operating in the vicinity of 1820 to 1825 kHz. The FCC has never designated mode-specific subbands in the 160-meter amateur band, so operation on "Top Band" continues to be governed by a voluntary band plan. The current ARRL band plan, revised this past summer, recommends a lower limit of 1.843 for SSB operation

Ten-Tec Opens Retail Store, Full-Line Dealership:

The ARRL Letter, Vol. 20 No. 38, September 21, 2001

Ten-Tec has opened an Amateur Radio retail store and full-line equipment dealership. The 1000-square-foot retail store and ham shack are in the lobby of the Ten-Tec manufacturing facility in Sevierville, Tennessee. "We have a large, loyal customer base that we'll be able to supply with accessories that complement our own manufactured equipment," says Ten-Tec Amateur Radio Product Manager Scott Robbins, W4PA. "Equipment from more than 20 manufacturers is already in stock and available direct from Ten-Tec." Ten-Tec is planning a grand opening celebration for its new retail outlet during the annual Ten-Tec Hamfest, Friday and Saturday, September 28-29. Visit the Ten-Tec Web site <<http://www.tentec.com>>.

CORES/FRN "Mass Conversion" Planned For ULS Registrants

The ARRL Letter, Vol. 20, No. 40, October 5, 2001

Before the switchover to mandatory Commission Registration System (CORES) registration on December 3, 2001, the FCC plans to do a "mass conversion" from its Universal Licensing System (ULS) database.

Once CORES becomes mandatory in December, everyone doing business with the FCC--licensed or not--must obtain and use a 10-digit FCC Registration Number--or FRN. The FCC called the move is "a first step" toward streamlining fee collection and tracking. Many Amateurs registered with the ULS were assigned an FRN by CORES in a mass conversion last year. Affected Amateurs were notified by mail.

A FCC Wireless Telecommunications Bureau spokesperson told ARRL this week that another mass conversion will be done prior to December. As a result, anyone who has registered a Taxpayer Identification Number--typically an individual's Social Security Number--with the FCC will be assigned an FRN, which will appear in the FCC Amateur database.

The requirement to obtain an FRN extends to applicants for an Amateur Radio license as well as to anyone required to pay a fee to the FCC, such as those applying for a vanity call sign. An FRN will not be needed to file comments in rulemaking proceedings, however.

Amateur Service licensees not already registered in the ULS are encouraged to register their TINs soon, to save the step of a second CORES registration after December 3. To register, visit the FCC's ULS Web site <<http://www.fcc.gov/wtb/uls>> and click on "Register TIN/Call Sign." (NOTE: The Universal Licensing System will be down for scheduled maintenance from 10 PM Eastern Time Friday, October 5, until 8 AM Eastern Time Monday, October 8.)

The FCC established CORES last year and has been in the process of implementing it. The FCC's Wireless Telecommunications Bureau concedes that a lot of issues remain undecided regarding how CORES/FRN will work for the Amateur Service. For more information on CORES/FRN, visit the FCC CORES Web site <<https://svartifoss2.fcc.gov/cores/CoresHome.html>>.

FCC Enforcement Case Highlights FCC Amplifier Certification Rules

ARRL website (Oct 2, 2001) --

The FCC's Riley Hollingsworth used the occasion of a recent *Warning Notice* to hammer home the FCC's position on the sale of RF amplifiers that have not received FCC certification--formerly called "type acceptance." In a September 19 letter to Extra licensee Sidney Lee Martin, KD4YBC, Hollingsworth reiterated an earlier FCC warning to Martin that he cease commercial marketing of non-certificated external RF amplifiers and amplifier kits capable of operating below 144 MHz.

ARRL: "WAZZUP?"

From: "[ARRL In Action: What have we been up to lately?](#)"

By Dave Mello, W1DGM, ARRL Web Editor, October 8, 2001

- **Public Service:**
- After nearly two weeks of intense effort, the Amateur Radio volunteer effort in New York City is winding down. ARRL New York City-Long Island ARES Section Emergency Coordinator Tom Carrubba, KA2D, says all ARES/RACES World Trade Center operations have ceased. The *ARRLWeb Extra* lead story appearing at the top of the home page news section from September 11 until October 1 gave updates and details for amateurs wishing to volunteer assistance with disaster relief communication.
- ARRL President Jim Haynie, W5JBP, First Vice President Joel Harrison, W5ZN, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth, K4ZDH, and Virginia Section Manager Carl Clements, W4CAC [visited with hams](#) at emergency communications effort at the Pentagon.
- ARRL President Jim Haynie, W5JBP, Hudson Division Director Frank Fallon, N2FF, NYC-Long Island Section Manager George Tranos, N2GA, Public Relations Committee Chair Diane Ortiz, K2DO, and ARRL Media Relations Manager Jennifer Hagy, N1TDY, visited with hams at the major sites of the recent emergency communications effort [in New York City](#).
- New York Newsday, The Winston-Salem (North Carolina) Journal, The Jersey Journal and The Columbus (Ohio) Dispatch reported Amateur Radio participation at the site of the WTC bombing. Bloomberg radio broadcast an interview with District Emergency Coordinator Charles Hargrove, N2NOV.
- **Federal Communications Commission:** The ARRL held an Amateur Radio Demo and Education Day [at FCC Headquarters](#), Washington, DC, on September 18. The event provided an opportunity for FCC commissioners and staff to meet informally with ARRL representatives, and to learn more about Amateur Radio technology and issues of mutual interest.
- **Development:** Chief Development Officer [Mary Hobart](#) began work October 1. Her focus is creation of fundraising strategies and obtaining philanthropic support for ARRL programs.
- **W1AW:**
- XX Towers Inc--ARRL's tower contractor-- [replaced two rotators](#) and completed installation of VHF/UHF antennas on the satellite tower.
- Special event station [W1AW/6](#) was [hyperactive](#) during the recent ARRL Southwestern Division Convention: 89 operators made 1350 QSOs.
- **Field and Educational Services:**
- New student enrollment in the [Emergency Communications courses](#) now numbers 1157. Comments are being received that this training helped prepare students for activities stemming from the terrorist attacks.
- Astronaut Frank Culbertson, KD5OPQ, handled a [successful QSO](#) with students of the Seabrook Intermediate School in Seabrook, Texas, and Altamonte Elementary School, Altamonte Springs, Florida. ARRL provides lesson plans to the teachers to assure their understanding of the technical procedures necessary to accomplish a successful contact with the space station.
- ARRL affiliated clubs can now earn \$15 [for each new member](#) they recruit.
- **International Amateur Radio Union Region II Meeting:** ARRL President Jim Haynie, W5JBP; First Vice President Joel Harrison, W5ZN; Executive Vice President David Sumner, K1ZZ; Technical Relations Manager Paul Rinaldo, W4RI and Technical Relations Specialist Jon Siverling, WB3ERA represented ARRL at the International Amateur Radio Union Region II [XIV General Assembly](#) in Guatemala City, Guatemala. The Guatemalan host Society CRAG has arranged for an IARU Region II [special event station, TG0LARU](#), to operate from the Conference Headquarters in the Marriott Hotel, Guatemala City during the conference.
- **International Affairs:** Students from five African nations and an observer from Canada attended a week-long United States Telecommunications Training Institute/International Amateur Radio Union [course on Amateur Radio Administration](#) at ARRL Headquarters.
- **Legislative Affairs:** The [Covenants, Conditions and Restrictions](#) issue continues to be discussed at congressional and FCC levels; it will carry over into next congressional session. [Letters from constituents](#) are raising congressional interest.

FCC to dismiss filings submitted on outdated Form 605

ARRL website, (Oct 2, 2001) --

The FCC's Wireless Telecommunications Bureau has announced that, starting Monday, October 15, it will dismiss all submittals it receives on Form 605 *Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Service* that bear edition dates prior to March 2001. This change does not affect applicants filing on-line via the Universal Licensing System (ULS). WTB encourages applicants to use ULS to speed application processing and to have access to the other information available via the ULS. An FCC announcement advises that amateurs can avoid problems by submitting on-line application via the FCC's Universal Licensing System [Web site](#). To obtain a current copy of Form 605, visit the [FCC "Forms" page](#). Paper copies of Form 605 also are available from the FCC Forms Distribution Center, 800-418-3676.--FCC