



*More Than A Club*



*We're A Family*



# THE TARA NEWS

*Affiliate of the American Radio Relay League*

*Volume 13*

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## **Saratoga County R.A.C.E.S. 17th Annual Hamfest** **Ballston Spa, N.Y. September 7, 2002**

Saratoga County R.A.C.E.S. Association Inc., will be holding its 17th annual Hamfest on Saturday, September 7, 2002 at the Saratoga County Fairgrounds in Ballston Spa, NY. This will be held rain or shine and all under cover. Gates will open at 7:00 am, with the Hamfest running until 3:00 pm. Admission is just \$5.00, which includes 1 tailgate spot and there is no charge for parking.

Commercial vendors generally include: Weller Soldering, Radio Devices, Jules Hoffer (W1DL), Bob Reynolds (KF2ZS), Stitchery Magic, and more. There will be door prizes, a fox hunt, VE test session, and plenty of food served from the time the gates open until they close. Talk-in 146.40/147.00 and 147.84/147.24.

Reserved tables \$5.00 each - first come-first serve. Reservations and pre-pay welcome and encouraged. Early set up for all vendors.

For further information or reservations contact: Darlene Lake, N2XQG, packet N2XQG@WA2UMX or E-mail [lake@capital.net](mailto:lake@capital.net).

### **W1HQ assigned to HQ Operators Club**

W1HQ assigned to HQ Operators Club: W1HQ, the call sign of the late Laird Campbell, a former ARRL staff member who died April 26, has been granted--with the blessings of Campbell's family--to the Laird Campbell Memorial HQ Operators Club at ARRL Headquarters. The trustee is ARRL Lab Supervisor Ed Hare, W1RFL. "It will be the primary call sign used by ARRL Headquarters staff members as they operate the HQ club station," Hare explained. W1HQ will supplant the W1INF call sign now in use for the ham station inside ARRL Headquarters (and separate from Maxim Memorial Station W1AW, which is in another building adjacent to the ARRL HQ parking area). Hare says to keep an ear open for W1HQ on the air during lunch hours and after normal business hours. The W1INF call sign will be used by the ARRL Laboratory staff for on-the-air operations and tests, Hare said. Campbell's ARRL career spanned 35 years. He served in a variety of roles at ARRL Headquarters including QST managing editor and ARRL advertising manager. He was an ARRL Charter Life Member.

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### **Radio Amateur Callbook Ceases Publication 2003**

The end of the line for Radio Amateur Callbook: Radio Amateur Callbook is throwing in the towel and will cease publication of its CD-ROM Callbook product effective with its winter 2003 edition, which will come out in November. "Due to accessibility to the FCC database via the Internet, sales have declined to levels that make it unprofitable to publish future editions," publisher Bob Hughes announced in a recent news release. In 1997, citing "rising costs and increasing demand for electronic publishing" the company phased out its telephone-book-size paper North American and international editions in favor of its CD-ROM product. The 1997 Callbook--the 75th edition was the last hard-copy version available. The Callbook began publishing in 1920.

# *TARA SPIRIT IT'S MORE THAN JUST WORDS*

Shortly after Field Day 2002, Mr. Bill received a very nice email on the TARA group from a new amateur who visited our field day site for the first time [fxryan@ix.netcom.com](mailto:fxryan@ix.netcom.com) writes to the Group:

I am not sure if I am doing this right, but here goes. In May, after many years of putting it off, because I have very little interest in talking, I took the no-code exam and received my Ham License KC2JRE. Most of my 'radio' recreation for many years (since the mid 40's during WWII) has been listening to Short wave broadcasts, mostly from wherever the latest hot-spot or troubled area of the world happens to be. [I am your basic News Junkie, and want several viewpoints whenever possible.]

After receiving my license, I have kept one of my scanners in my truck. I usually have at least 3 up & running tuned into a number of the local 2 Meter repeaters, to try and get a feel for how this community of people communicate with one another, and what I ought to know, if and when I decide to take the plunge and try talking.

While listening, I heard a lot of traffic about an occasion called Field Day. I have to admit that it did get my curiosity aroused. As a matter of fact on the Saturday that this was taking place, I heard someone on the repeater providing running directions on how to get to the site where this was taking place. I had been out and was returning home going past Frear Park. So I decided to swing by for a few minutes to find out what was going on and what it was all about.

My memory being what it is, I did not manage to relate to the names and call signs of most of the people that I met, but I do have to say that in the short ten minutes I was able to stay, I was welcomed with open arms, and made to feel that if I could stay the people there would be happy to have me. Of special note, was a gentleman, in a wheelchair, with a name tag which I believe was Bill (My apologies if I got the name wrong). He noticed me when I came in, got my attention as I wandered thru, explained a little of what was going on, and really made me sorry I only had a few minutes to look around, and then had to leave. Four or five others also took it upon themselves to speak to me, welcome me, ask if I wanted something to eat etc...

I feel that the exceptional showing of good will & welcome which was extended to me, should be acknowledged and that I should send my thanks to all of you. In continuing to listen on the scanner I have heard that you folks seem to have met or exceeded your goals for contacts and points, and for that also congratulations.

Perhaps in a while, when I get enough background to try, I will hear a conversation to which I might be able to add some little word and you will hear me trying to slip in. If you folks are as welcoming and tolerant of newcomers on the air as you are in person, I am sure it will be as pleasant an experience as actually meeting some of you at Field day was.

Frank X Ryan KC2JRE, Grafton NY

Hello Frank,

WOW! What a fantastic letter and I'm sure the gang will read it with great appreciation! It was very nice meeting you at our Field Day this year but I was sorry that you did not have longer to spend with us. As for getting on-the-air, that's not a problem. All you need to do is jump right in. I can assure you this, you won't find a more friendly group around. You need no special invitation, just a will to meet some great folks. I always tell the new folks to take things with a grain of salt. We do a lot of joking and fooling around on the repeater but we also have our serious times too when we perform Public Service events or SKYWARN activity. So my friend you need to toss your call in with the group and meet the gang.

Oh yes, my name is Bill and my call is NY2U. Mostly you'll hear people call me "Mr.Bill". We have a picnic coming up (3rd Tuesday at 6:15 PM) in July over in Green Island and we'd love to see you show up. Everyone is welcomed so bring a family member or friend we'd love to have them too! The picnic is in lieu of our normal monthly meeting and its held up at the north end of Green Island in the Hudson Shores Park that looks up at the Dam. Usually we start it at about 6:00 or 6:30 PM and we'll have plenty to eat. I hope that you will find the opportunity in the future to come join us?

73 de NY2U "Mr.Bill"

## ***A Little Kindness Goes a Long Way***

# ***ARRL SECTION NEWS***

## ***MOVES TO THE WEB – JANUARY 1, 2003***

Starting next January, "Section News" and contest line score results will appear on the ARRL Web site rather than in QST. At a meeting July 19-20 in Windsor, Connecticut, the ARRL Board of Directors voted 9-6 to approve a resolution formally relocating "Section News" to the ARRL Web site. The "Section News" has appeared in the League's official journal at least since 1919. The "Section News" Web sites—already in place--will provide the officials of each ARRL section "the capability of an up-to-date information resource that can be tailored to the needs of their section," the resolution said.

The space freed up by relocating "Section News" will allow more in-depth coverage of general news, public service activities and "how-to" articles aimed at involving more amateurs in emergency preparedness. Members unable to use the Web can request their section's reports in hard-copy format.

The Board resolution noted that the past six months had given members the opportunity to understand the reasons for relocating "Section News," to discuss alternatives and to better understand and see the advantages of the expanded content available on the Web site.

Voting for the change were Directors:

Dick Isely - W9GIG (Central)

Wade Walstrom - W0EJ (Midwest)

Walt Stinson - W0CP (Rocky Mountain)

Jay Bellows - K0QB (Dakota)

Tom Frenaye - K1KI (New England)

Art Goddard - W6XD (Southwestern)

Frank Fallon, N2FF (Hudson)

Dennis Bodson - W4PWF (Roanoke)

Coy Day - N5OK (West Gulf).

Directors who voted against the change were:

Bernie Fuller - N3EFN (Atlantic)

Greg Milnes - W7OZ (Northwestern)

Rick Roderick - K5UR (Delta)

Jim Maxwell - W6CF (Pacific)

George Race - WB8BGY (Great Lakes)

Frank Butler - W4RH (Southeastern)

In a separate resolution approved by voice vote, the Board agreed that the ARRL Web site now provides a better medium to report the results of ARRL-sponsored contests, and line scores no longer will appear in QST. The change does not affect ARRL Field Day results, which will continue to be published in the magazine.

A Web site established earlier this year now includes, among other features, a searchable database of contest line scores for members and the ability to easily analyze individual and club scores. There's also an on-line Soapbox to post comments and photos immediately after a contest, as well as an expanded narrative for each event. The ARRL also now offers members the free Contest Rate Sheet newsletter, which focuses specifically on contesting.

## ***TARA Antenna Team - Hard at Work***





# *ARRL Receives Homeland Security Training Grant*

NEWINGTON, CT, Jul 18, 2002--The ARRL will receive a \$181,900 homeland security grant from the US government to train Amateur Radio operators in emergency communication. The League was among several dozen nonprofit organizations designated to receive some \$10.3 million in federal money to boost homeland defense volunteer programs. The grant, from the Corporation for National and Community Service special volunteer program, will provide free ARRL Amateur Radio Emergency Communications Course training to 5200 volunteers nationwide, starting in 2003.

"ARRL is the national association for Amateur Radio and is the national leader in emergency communications by volunteers who operate their own equipment on their time at no cost to any government, organization, or corporation," said the announcement today from Homeland Security Director Tom Ridge. The ARRL plans to revise and update the emergency communications curriculum to incorporate additional elements of emergency preparedness and homeland security.

ARRL President Jim Haynie, W5JBP, said he was extremely pleased by the news. "This adds legitimacy to the public service work Amateur Radio has been doing for years," he said.

ARRL Chief Development Officer Mary Hobart, K1MMH, applied for the funding in May, inviting the Corporation for National and Community Service to become "a partner with the nation's oldest volunteer radio communications organization."

"I think this is an extraordinarily exciting day for Amateur Radio that the role of Amateur Radio in homeland security is recognized at the highest levels of government," Hobart said when learning of the grant. The League's grant application characterized Amateur Radio as "the bedrock of communications when other outlets fail." Hobart cited Amateur Radio's response in the aftermath of the September 11 terrorist attacks and said the federal grant "will help continue our work in providing public service and to protect lives, homes, businesses and our frequencies, as we have for decades."

The League had sought a three-year grant of \$541,750. The \$181,900 grant covers the first year's direct program costs. The proposed budget includes the cost of a project coordinator who would be responsible for overall fiscal management of the grant.

ARRL Chief Executive Officer David Sumner, K1ZZ, said he was pleased that the League would be able to extend its Amateur Radio Emergency Communications program to thousands of amateurs who might otherwise not be able to afford the program. "We hope all who are interested will get on board," he said.

The grant announcement said that "expanding the opportunities for Americans to participate in meaningful volunteer service" is at the heart of President George Bush's USA Freedom Corps, of which the Corporation for National and Community Service is a part.

"We are deeply grateful to Tom Ridge and to the Corporation for National and Community Service for providing Amateur Radio with a unique opportunity to serve our country," Hobart said.

In June, the ARRL and United Technologies Corporation announced a partnership to provide free ARRL Amateur Radio Emergency Communications Course training for up to 250 Connecticut amateurs.



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# **CQ** Designated as the " Official Journal" of the " Human Race "

Hicksville, NY July 2, 2002

*CQ Amateur Radio* magazine has been named the Official Journal of "The Human Race," according to Editor Rich Moseson, W2VU, and "The Human Race" Producer William Desjardins, W1ZY. "The Human Race" is a planned educational television series in which two amateur radio operators will participate in a global "road rally" one heading east and one heading west with transportation limited to that volunteered by other amateur operators that the ham competitors meet along the way. The race will begin in Kansas City, Missouri, and end in a location roughly halfway around the world where the paths of the two competitors intersect.

"The Human Race" is based on the premise that amateur radio is inherently a human activity in which technology is a tool used by people around the world to connect and communicate with each other," explained Moseson, "and this is a premise which *CQ* wholeheartedly supports."

Each competitor will be accompanied by a TV production crew and tracked using GPS (Global Positioning System) and **A.P.R.S.** (Automatic Position Reporting System), with a constantly updated website enabling hams and others around the world to follow the progress of the race. Each competitor/crew will also be outfitted with advanced communications systems, including amateur stations.

Along the way, each racer encounters a series of pre-selected "ham hosts," who have each been chosen for an area of expertise in a particular area of amateur radio. They not only play host to the amateur, but also are interviewed by the competitor about their area of specialty and the role ham radio has played in their lives.

*CQ* will publish a series of articles and updates written by "The Human Race" Producer Desjardins, and will provide updates and additional information on its website. The tentative schedule calls for the race itself to be run between June and December of 2003, with the completed 8-part series ready to air in the fall of 2004.

For more information on "The Human Race," see the program website at <http://www.home.earthlink.net/~bdesj> (soon to be moved to <http://www.humanrace.org>). For more information on *CQ Amateur Radio* magazine, see the *CQ* website at <http://www.cq-amateur-radio.com>. <http://news.cq-amateur-radio.com/announce.htm>

*CQ Amateur Radio* is the world's leading independent amateur radio magazine. It has been in continuous publication since 1945 and is the flagship publication of *CQ Communications Inc.*, located in Hicksville, New York. Dick Ross, K2MGA, is the Publisher; Rich Moseson, W2VU is Editor.





# ***FCC To Get Tough On Offending Power Companies***

The FCC plans to get tougher on electric utilities that fail to fix problems causing interference with Amateur Radio and other licensed communications. Special Counsel for Enforcement Riley Hollingsworth met recently at ARRL Headquarters with Ed Hare, W1RFI, and John Phillips, K2QAI, of the ARRL Lab staff to discuss various electro-magnetic compatibility (EMC) issues. As a result of that session, changes will be made in the way ARRL and FCC cooperate on power-line cases.

"What we've done is to review all cases that the League has worked on where we had no cooperation," Hollingsworth said this week. "In at least three instances, the power company in question hasn't cooperated as it should have." Hollingsworth said these cases will "go to the next step," which likely will entail involving the appropriate FCC field office for additional investigation and appropriate enforcement. In the future, initial letters from the ARRL and the FCC will impose a shorter compliance window and will be more firmly worded. In addition, a follow-up letter from the FCC will be sent to utilities that fail to respond appropriately to the initial inquiry.

The routine FCC letter to a power company cites the requirement to rectify problems with their equipment "if the interference is caused by faulty power utility equipment." FCC Part 15 rules classify most power-line and related equipment as "incidental radiators." This means the utility equipment does not intentionally generate any radio-frequency energy but may create it as an incidental part of its intended operation. The FCC urges a utility to locate sources of any interference caused by its equipment and make necessary corrections "within a reasonable time."

Typical was a recent letter from the FCC's Consumer Information and Governmental Affairs Bureau to Commonwealth Edison of Chicago citing radio frequency interference complaints from five Illinois amateurs. According to the FCC, the amateurs had attempted without success to work through the utility's complaint resolution channels.

Utilities that appear unwilling to abide by Part 15 rules regulating unintentional radiation are in the minority, Hollingsworth said. By and large, utilities contacted by ARRL as a result of power-line noise complaints from amateurs have been extremely cooperative, and he had high praise for the League's role in resolving complaints in the early going. Only a handful of cases--perhaps a dozen in all--have ended up being forwarded by the ARRL to the FCC for action.

"The League's record is outstanding here," Hollingsworth said. Cases necessitating FCC follow-up action have been minimal, he said, and most of those stem from the utility's failure to understand its obligations under Part 15.

Over the past year, the League has worked with amateurs on behalf of the FCC to handle 72 complaints of suspected power-line interference. Hare, the ARRL Lab supervisor, says that the effort has had its successes, some cases may require more than an advisory letter from the FCC.

"Having the FCC field offices investigate those cases where a power company is not willing or able to assume its responsibilities is a good next step," Hare said. "The League and the FCC both hope that continued cooperation will bring these cases to a satisfactory end without having to resort to drastic enforcement measures."



# ***Editorial Comments***

## ***by Ken Davis - KB2KfV***



During the last few months, I have really enjoyed presenting a newsletter to the membership that is filled with interesting topics and articles that you will find enjoyable and informative reading.

I would like to take this opportunity to thank all of the members who have supported me throughout the last year with your kind words and also express my deepest appreciation to anyone who found the time to contribute an article to this publication.

When I first took over as editor, I was very pleased to see that I was getting articles contributed by the membership on a regular basis. [THIS IS YOUR CLUB NEWSLETTER](#). Unfortunately, over the last few months articles by members have dropped to almost nothing, except for articles by officers of the club and committee chairpersons. A monthly club newsletter requires input from its' members to thrive. Otherwise, it just becomes a synopsis of national amateur radio stories that are released to the media or distributed on the WEB.

Please don't be afraid to contribute an article just because you don't think you are a professional journalist or writer. I certainly **do not** consider myself a journalist. I am just like you, A [CLUB MEMBER](#). I would love to get any articles that you feel would be interesting and enjoyable reading for the rest of the club. It doesn't have to be lengthy. It doesn't have to be brilliant. It just has to be you.

Another thing that I could really use your help with is CLIPART. If you happen to come across any interesting amateur related clipart or pictures, please send them to me in an email. If I already have it, no harm is done. I am always looking for clipart, pictures or interesting amateur related websites that may provide interesting reading or graphics for the readers.

Any assistance that you the readers can provide will be greatly appreciated. **73 and Thanks Again.**

## ***Computer Tip***

**Wait! STOP! STOP!!!!!!!!!!**

Have you ever clicked the wrong link while you were browsing? Don't you just hate that? You frantically try to get your mouse up to the Stop button before you end up at the wrong page, but you don't always make it. So, here are a few suggestions:

If you've clicked the wrong link and still have that left mouse button pressed down, just drag your pointer off the link to a blank spot and release. No harm done.

But what if you've already clicked the link and you're off to the wrong page? Is there any hope?

Yup, just hit your **Escape** key. That will stop your browser in it's tracks - **it's also a good way to stop an onslaught of pop up windows**, should you accidentally wander onto one of those kind of sites.

## ***RECIPE OF THE MONTH***

### **Japanese Ribs**

In keeping with the Asian fare, here is great recipe for ribs. Serve this as an appetizer or for the main course. Enjoy!

#### **Ingredients:**

|                              |                            |                          |                         |
|------------------------------|----------------------------|--------------------------|-------------------------|
| 1 slab pork ribs cut in half | 1 cup chopped green onions | 1 1/2 Tbsp. sesame seeds | 2 Tbsp. sugar (heaping) |
| 1/2 tsp. black pepper        | 1 tsp. garlic powder       | 1/4 cup soy sauce        |                         |

#### **Preparation:**

Mix the green onions, sesame seeds, sugar, pepper, garlic and soy sauce together.

Place ribs in baking dish and pour sauce, covering all ribs evenly.

Bake in a 350-degree oven for 45 to 60 minutes.

Cut ribs and serve immediately.

# FCC Looks to Future Allocations Above 300 GHz

The FCC says it's time to start thinking about frequency allocations in the sub-millimeter bands between 300 and 1000 GHz (1 THz). Currently, FCC Amateur Service rules specify frequency allocations for hams between 1.8 MHz and 250 GHz, plus "all above 300 GHz." Neither the FCC nor the International Telecommunications Union (ITU) have made allocations above 300 GHz.

What's above 300 GHz? Higher frequencies include infrared, visible and ultraviolet light, x-rays, gamma rays and cosmic rays. But infrared frequencies begin at around 3 THz (3000 GHz) and the region between 300 and 3000 GHz is still RF, known as the submillimeter wave band.

Now, the FCC's advisory committee for next year's World Radiocommunication Conference (WRC-03) says it's time to look at establishing frequency allocations as high as 1000 GHz and study the need for future allocations between 1000 and 3000 GHz, the beginning of the infrared portion of the spectrum. The committee is recommending that the NEXT WRC, in 2006, "consider allocations in the frequency bands between 275 GHz and 1000 GHz to the passive science services, taking account of the needs of other services such as the amateur service." (Emphasis added)

According to the FCC, passive science sensors and radio astronomy are already using frequencies in the 275 - 1000 GHz region, "and many more systems are planned for these bands," creating the need for specific allocations. The good news is that they're intent on keeping hams in the mix, noting in the explanation that "In the past, the amateur service has often proven to be compatible with (passive science) services." Amateurs have already been experimenting with traditional RF at frequencies as high as 241 GHz and with laser communication.

The full (lengthy) text of the committee's current round of recommendations may be found at

[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/DA-02-1779A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-02-1779A1.doc).

This recommendation is at the very end and is the only one in this group that deals with amateur allocations.

## CQ Files Comments on New Band Proposals

CQ magazine publisher CQ Communications, Inc. filed comments with the FCC supporting the creation of two new amateur bands and the elevation of part of the 2.4 GHz band to a primary amateur allocation. But the company challenged what it views as a shift by the FCC to give unlicensed spectrum users equal standing with licensed services on shared frequencies.

The CQ comments favored creating a new amateur "splinter" band at 135.7-137.8 kHz and encouraged the FCC to open the band to all hams with General Class or higher licenses and to keep technical requirements flexible enough to permit a wide range of experimentation. CQ also supported a new ham band at 5 MHz, calling for no "sub-banding" and giving access to all amateurs with HF operating privileges.

Finally, while supporting the FCC's proposal to upgrade the amateur allocation at 2400-2402 MHz to primary, CQ said it was worried by the Commission's request for comments on how the change might affect unlicensed users of the band and called on the FCC to reaffirm its long-standing policy that the interests of licensed users always take priority over those of unlicensed users. The full text of CQ's comments may be viewed on the FCC website at <http://www.fcc.gov/e-file/ecfs.html> by selecting "Search for Filed Comments," typing "02-98" in the "Proceeding" box and scrolling through other filed comments.

## FCC Panel Recommends 40-Meter Phase-In

An FCC advisory committee has called for a seven-year phase-in of a worldwide 300-kHz wide amateur allocation at 40 meters. Currently, 7.0-7.1 MHz is the only worldwide amateur allocation on the band, with hams in the Americas sharing 7.1-7.3 MHz with broadcasters in other parts of the world. According to the ARRL, the draft recommendation of the FCC's World Radiocommunication Conference 2003 (WRC-03) Advisory Committee included a plan to expand the worldwide amateur allocation to 7.2 MHz by 2007 and to 7.3 MHz by 2010. This would give broadcasters and others affected time to make necessary changes in their equipment and antennas.

The FCC noted that this is a recommendation only, and does not represent the final position of the United States government on the issue. The full text of the committee's draft proposals may be viewed at <http://www.fcc.gov/wrc-03>.



## HAM RADIO INSTRUMENTAL IN MOUNTAIN RESCUE

Two stranded mountain climbers--one of them injured--have Amateur Radio to thank for helping to rescue them from Montana's highest peak August 1. For 32 hours, hams and scanner buffs across Montana witnessed first-hand The harrowing rescue operation, which was coordinated through Amateur Radio--the climbers' only means of communication.

Sixty-one-year-old Roger Kaul, K3TM, of Maryland and his 35-year-old nephew Clint Kaul of California--both seasoned climbers--were within 200 feet of the 12,799-foot summit of Granite Peak when a rock pulled loose, sending the younger man down an extremely steep-faced slope of jagged rock, injuring him. Stranded precariously on a ledge and without ropes some 35 feet above his nephew, Roger Kaul used his hand-held transceiver to call for help through a repeater in Billings.

Kaul's plea was heard across Montana via the Montana Repeater Link Association system. Kent Grabau, N0SQM, a member of the Livingston (MT) Fire Department, established the initial--and only--communication link with the stranded climbers from the mobile unit in his pick-up truck, parked next to the Livingston Sheriff's office. Later, Steve Longacre, AB7MV, of Longacre Communications Equipment Service, set up his company's communications trailer as a command center. Fortunately, K3TM was running his radio off an external battery pack of 8 D-cells.

High winds on the mountain prevented an immediate helicopter rescue attempt, so two search-and-rescue teams began the arduous trek up the mountain (a third eventually headed in from the other side of the mountain). In the meantime, Roger Kaul was able to maneuver himself and his nephew to a more favorable rescue location.

Stuck on the mountain overnight in freezing or near-freezing temperatures and with dwindling food and water, the climbers maintained an hourly contact schedule with the command center in Livingston. A second helicopter rescue attempt early on August 1 proved especially frustrating. Although the climbers could see the helicopter, and K3TM was able to make direct radio contact on 146.52 simplex, the steep terrain prevented the chopper pilot from deploying a long-line extraction cable.

After the second failed attempt, a crack team of rangers from Grand Teton National Park was called in from Jackson Hole, Wyoming, to take the pair off the peak. At around 6:30 PM on August 1, the rangers' helicopter was able to land a rescue team near the stranded pair, remove them from the mountainside and transport them to medical treatment.

Clint Kaul suffered a sprained ankle and knee and had broken three bones in his right hand. From his hospital bed, he said he was very glad his uncle had his ham radio along. "The alternative was to wait for someone to stumble across us," he said. Both climbers expressed their gratitude to the rescue workers and ham radio operators who had cooperated to get them off the mountain.

In all, 30 people from the Gallatin County Ham Radio Club, Park and Stillwater counties, and the National Forest Service helped in the rescue.--The ARRL thanks Lyndel Thiesen, N7LT, for contributing information used to develop this account.

## FCC Goes After Illegal Equipment Sales

Advice from the FCC: If you're going to sell illegal amateur and CB equipment, don't advertise it on the World Wide Web!

Wisconsin-based Roper Electronics has been asked by the Commission to explain why it was advertising non-certified CB transceivers and HF linear amplifiers on its website, and to submit a list of all HF transceivers and amplifiers sold within the US or offered for sale during 2002, along with the FCC certification number for each model. A check of the website by *CQ* in early July showed that the items specified in the letter were no longer being advertised.

## AMSAT DL Announces Mission to Mars

AMSAT-DL, the German amateur radio satellite organization, has announced plans to build two new amateur spacecraft, including one destined for orbit around Mars! According to the AMSAT News Service, the so-called Phase 5-A satellite would be launched in the 2007-2009 timeframe and will include subpayloads that would be launched from the main satellite, either to the planet's surface or into the Martian atmosphere. These devices would transmit scientific data back to the "mother ship," which would then use a repeater to relay the information back to hams on Earth. AMSAT-DL officials said the 2000 launch of Phase 3-D (now AMSAT-OSCAR 40) showed that the basic satellite design was capable of a trip to Mars.

In addition, the AMSAT-DL board of directors gave a green light to developing a Phase 3-E earth-orbiting satellite. This would be a more traditional amateur satellite, offering two-way communication links on amateur bands between 145 MHz and 10 GHz. In addition, it will serve as a testbed for some technology for the Mars mission. AMSAT-DL has been the lead AMSAT group on the past three large amateur satellites placed into orbit, AMSAT-OSCAR-10 (still operating), AMSAT-OSCAR-13 (no longer in orbit) and AMSAT-OSCAR-40. No launch timetable has been announced for P3E, except that it is planned to be several years before the anticipated launch of the mission to Mars.

Background information about both missions can be found at: <http://www.amsat-dl.org/p3e/towards-p3e.pdf> and <http://www.amsat-dl.org/p5a/p5a-to-mars.pdf>.



**TARA OFFICERS: 1 YEAR TERMS**

President: Bill Eddy, NY2U.....273-9248  
 Vice President: Karen Smith, KB2UUC...273-6594  
 Secretary: Marilyn Davis, KB2JZI.....272-0112  
 Treasurer: Nick Demos, NW2D.....383-3983

**TARA DIRECTORS - 2 YEAR TERMS**

Ken Davis, KB2KFV.....(02-04).....272-0112  
 Mac Smith, KB2SPM.....(02-04).....273-6594  
 Hollins Meaux, N2YQW.(01-03).....465-7678  
 Jack Culliton, N2LBZ.....(01-03).....271-6763  
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**REPEATER MANAGER:**

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# THE TARA NEWS

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Visit us on the Internet

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*Next Meeting*

**Tuesday August 20, 2002 6:30 p.m.**

**Green Island River Park**

**Summer Picnic**

**North end of Hudson Ave.**

**HANDICAP ACCESSIBLE**

**PARKING IN FORD MO. CO. LOT**

**No Pets No Glass No Alcohol Bev.**

**Troy's Full Service Repeaters**  
**145.170/R 444.225/R**