



Vol. 52

August 2002

No. 8

Club Picnic Coming Up This Month

By NKØP Ron Deutsch

MARK YOUR CALENDAR for our annual picnic to be held on August 25, 2002 (Sunday) at the Air Force Academy Picnic Area. Due to the fire restrictions, we'd planned to make this into more of a cold food picnic. However, Rosie WAØMNL has offered to whip up some sloppy joes and hot dogs at home and bring them down. PPRAA will provide condiments, buns, and beverages. Tailgate swapfest starts at 11:00 am with food served at noon. PPRAA Board of Directors meeting will be held following the picnic. Drawing for Astron SS-25M will be held after picnic. (You have to be present to win!) Please plan on bringing your favorite side dish or dessert item to share. This is a great covered pavilion and a super opportunity to socialize.

Volunteers are needed to help setup, cook, and clean up after. Contact Ron NKØP to volunteer. 526-7489 M-F days or 593-8352 evenings and weekends.

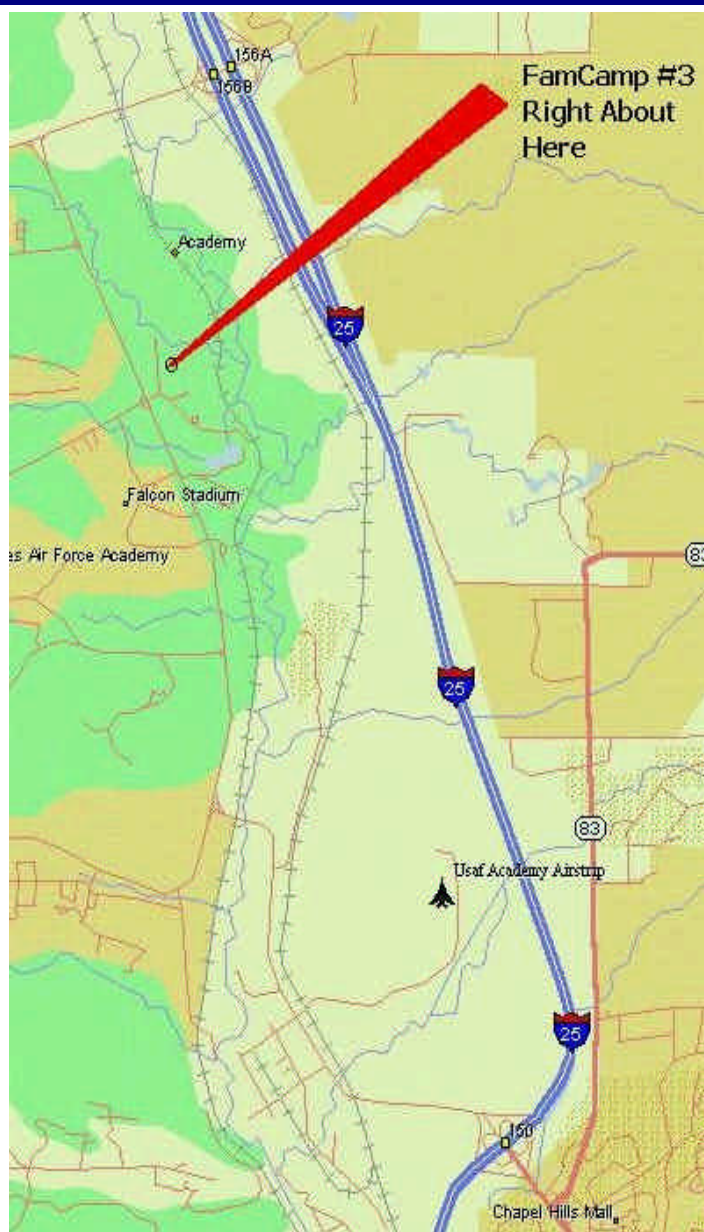
CALL FOR A VOTE

AT THE AUGUST CLUB MEETING, MEMBERS WILL BE ASKED TO VOTE ON A PERMANENT CHANGE OF LOCATION FOR THE CLUB MEETING.

As you may know, the club has held its meetings at two different places in recent months: the El Paso County OEM on S. Union, and the Colorado Springs Utilities Leon Young Service Center on Hancock Parkway. This was done to let members experience both places. Members will be asked to choose one of these as the club's regular meeting location.

The current official meeting place is officially the Mount Calvary Lutheran Church at 1318 N Circle. There are too many irregularities in its availability, and it is not wheelchair accessible.

More details are in the meeting minutes.



AUGUST PROGRAM

The August Program will deal with the amateur radio operations during the recent fires. Program will be presented by Wes Wilson KØHBZ.

Meetings Our monthly meetings are normally held on the 2nd Wednesday of each month at 7 pm at Mount Calvary Lutheran Church, 1318 N. Circle Drive, about 1/2 way between Platte Ave and Constitution Ave on N. Circle. Our Annual meeting is in October. Check the web site for any changes.

Regular License Exam Sessions

Our ARRL VEC test sessions are on the 2nd Saturday of even numbered months at 0900 at the Denver Technical College, 3245 International Cr, across from Memorial Park. Contact Erik KGØXE for details.

Examinees need to bring (1) \$10, preferably a check or money order payable to ARRL/VE; (2) picture ID; (3) the signed original and a copy of your current amateur radio license and CSCs you have (we keep the copies); and (4) a pen, pencil, and calculator if needed. Memory calculators will be checked.

PPRAA Web Page See it at <http://www.qsl.net/ppraa/>. Thanks to Lee Inman KØQED, our new webmaster.

Get on the PPRAA E-mail Reflector Stay on top of new or short-fused developments. Subscribe at <http://mailman.qth.net/mailman/listinfo/ppraanet>. Thanks to John Wishart KØJFH for maintaining this list.

PPRAA Simplex Net All amateurs are invited to join us on Thursday evenings at 1900 on 146.58 MHz simplex for our club net. Get the latest club and regional happenings!

The *Ø-Beat* is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., P.O. Box 16521, Colorado Springs, CO 80935-6521. Permission is granted to reprint articles provided credit is given to both the author and the *Ø-Beat*. For membership and subscriptions see the back inside cover of this publication. Monthly advertising rates: Full page \$48; Half page \$24; Quarter page \$12; Business card \$6. Rates are billed quarterly. Send advertisements and payments to Pikes Peak Radio Amateur Association, Inc., P.O. Box 16521, Colorado Springs, CO 80935-6521.

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Board Member	Aaron Pelouze	KD6FLM		
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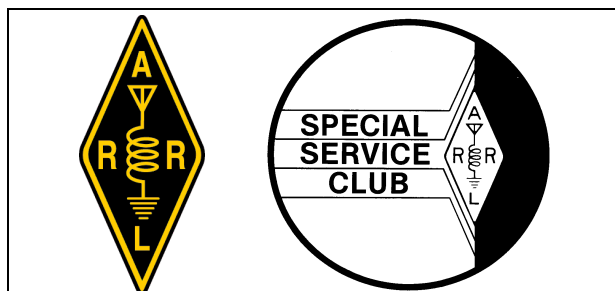
* Indicates this Director is completing the second year of a two-year term

Committee Chairs & Other Contacts

Activity	Vacant			
Auditing	Kate Ellis	KCØEGJ		
Asset	Mike Stansberry	KØTER		
E-Mail Reflector	John Wishart	KCØJFH	481-2439	john.wishart@hp.com
Historian	Roger Eslick	NØVR	272-9036	
Interference	Bill Petty	NØNJX	532-1439	
Membership	Les Borst	KCØNC	634-3995	
Programs	Rick Brown	KØSU	531-9423	k0su@arrrl.net
Publicity	Roger Foust	KE6ZOT	538-8866	ke6zot@arrrl.net
Public Service	Mike Stansberry	KØTER		
Hamfest	Bob "Rails" Ryals	KIØGF	265-9950	rryals@pcsisys.net
Technical Education	Linda Hedges	KBØRKW	683-7828	kb0rkw@juno.com
VE Testing	Erik Mugele	KGØXE		ve@teuton.org
Video Librarian	Rhoda Anderson	KB2BZY		wv7t@aol.com
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AMSAT Coordinator	Tom McDaniel	NØNTX	570-1465	n0ntx@amsat.org
ARES EC	Wes Wilson	KØHBZ		
ARES Liaison	Mike Stansberry	KØTER		
ARRL Section Mgr	Jeff Ryan	KØRM	260-6826	k0rm@arrrl.net
CCARC Liaison	Moe Pierce	WBØRTF		
RACES Officer	Tony Dal Lago	KC4VMB	575-8400	kc4vmb@arrrl.net

Upcoming Club Programs

Aug	Lessons Learned from the Wildfire Support, by KØHBZ
Sep	TBD



Articles for the Ø-Beat Deadline for articles or ads for the Sep issue is Aug 26. Submit articles by e-mail, US Mail, telephone or in person to the editor. Editor reserves right to edit for readability, grammar, spelling, punctuation and length.

Nonprofit Organization The PPRAA is a federal 501(c)(3) nonprofit organization and welcomes all contributions. Your contributions/donations may be tax-deductible.

Ø-Beat Available Electronically in PDF form via e-mail and on the web. Contact the editor for details.

Club and Local News

2001-2002 Swapfest Report

By NKØP Ron Deutsch

Expenses	2001	2002
IC 706/Prizes	\$955.00	\$895.00
Cash		100.00
Flyers	10.80	
License	62.50	62.50
Barrel Rental	15.92	21.28
Donuts/Coffee	22.50	\$0.00
Palmer Use Fee	608.00	600.00
Tables	879.65	1,123.32
Ticket printing	(3,000 tickets) 259.71	(3,500 tickets) 287.28
Total	\$2,914.08	\$2,989.38
Income	2001	2002
Misc	\$0.00	\$55.00
Raffle Sales	1,926.17	1683.00
Table Sales	1,167.00	997.00
Admissions	1,133.00	1,684.00
Total	\$4,226.17	\$4,419.00
Net Profit	\$1,312.09	\$1,429.62
Gate estimate	500	570

Note that the 2000 net profit was \$1,177.32. The 2002 income remaining: \$100 from Jess and \$50 from VE group. Unknown if any outstanding raffle income remains or misc expenses I don't know about. e.g., printing of flyers?

PPRAANet (AKA "The Reflector")

By KCØJFH John Wishart

The PPRAANet is an e-mail reflector devoted to the activities of the Pikes Peak Radio Amateur Association. It's used primarily to disseminate late breaking news or general information about the organization, place limited personal For Sale notices, etc.

What's an e-mail reflector? It's a service that forwards mail to a list of e-mail addresses. By joining, you are essentially adding your e-mail address to the mailing list. All e-mail sent to a special address (ppraanet@mailman.qth.net) is sent to everyone on the list. The list is normally limited to members of the PPRAA, but others (including those PPRAA members

not subscribed to the reflector) may post messages with the approval of the list administrator.

You may subscribe to PPRAANet by using your Internet browser to connect to the following link: <http://mailman.qth.net/mailman/listinfo/ppraanet>.

This link will also allow you to to change your subscription (set options like digest and delivery modes), get a reminder of your password, or unsubscribe from PPRAANet). This is a closed list, which means your new subscription request will be held for approval. You will be notified of the administrator's decision by e-mail. This is also a hidden list, which means that the list of members is available only to the list administrator. You also have the option of receiving the messages batched in a daily digest, although the message volume of this list is not normally high enough to warrant this.

To post a message to all the list members, send e-mail to ppraanet@mailman.qth.net.

Please contact the list administrator (me) at john.wishart@hp.com if you have questions about or problems with the e-mail list.

President's Corner

By KØSU Rick Brown

(Ed: This was meant for the July issue.)

Wow! I must say the members of this club are awesome. June has been an amazing month for the PPRAA. First, the club held what has to be the best swapfest we have ever had. Not only was it financially successful, but we received many positive comments from hams all over concerning the Swapfest. My thanks go out to Bob KIØGF and all of the Swapfest Committee for their efforts. There are too many for me to mention here, but we will get some recognition for all of you.

The wildland fire situation has been a continuing source of frustration and pride for Ham radio in Colorado. Although the ham radio involvement has not been a PPRAA effort, many, many of you have been a direct part of the ham radio support through ARES, RACES, and individual effort. Untold hours have been spent supporting various emergency organizations. This has not gone unnoticed. Jeff KØRM was quoted in Mobile Radio Technology saying "This is amateur radio at its finest." Thanks, Jeff, for the kind words and for the national publicity. Personally I have been amazed and thrilled at the professionalism of the operators I have heard on the air. Congratulations for all of the great work.

As a result of the Hayman fire the PPRAA did decide to cancel participation in ARRL Field Day. I know that disappointed many of you but Mike KØTER and I, along with the PPRAA board members decided that under this situation our efforts would be better spent supporting the real emergency that exists even today as I write this. Many of you look forward to using Field Day as a method of increasing your skills. I am sure you will find a way to do that and we are already discussing the possibility of a mini field day of our own later in the year. This would give our newer members another opportunity to learn more of what is needed as an amateur radio operator in an emergency situation.

On another note, our July meeting will again be at the auditorium in the El Paso County Office of Emergency Management. I hope that you will all join us for this meeting. While this location is a bit different than what we are used to it does offer some advantages we have not had before. Please come and join us. 73, Rick, KÆSU

Colorado 14'er Event

By KØNR Bob Witte

Sunday, August 25, 2002

www.Colorado14erEvent.org

Amateur Radio operators from around Colorado will be climbing many of Colorado's 14,000-foot mountains to set up amateur radio stations in an effort to communicate with other radio amateurs across the state and around the world. Join in on the fun Sunday, August 25th and see how many of the mountaintop stations you can contact. The prime operating hours are from approximately 9 AM to noon local time (1500 to 1800 UTC), but activity may occur at other times during the day. Most mountaintop stations will be running low power handheld radios. Stations running high power need to keep in mind that they can interfere with stations they cannot hear.

Radio operators with 14er hiking experience who wish to participate should indicate their intent at <http://groups.yahoo.com/group/ham14er/>, send an e-mail to info@Colorado14erEvent.org or contact Bob KØNR, (719) 488-0859. To subscribe to the event mailing list, visit the Yahoo groups site.

The 2M FM band plan uses a "primary frequency and QSY up" approach. Frequencies are no longer assigned by mountain range. The primary 2M FM frequency is 147.42 MHz. At the beginning of the event, operators should try calling on 147.42 MHz. As activity increases on that frequency, operators should move up the frequency using the standard channel spacing used in Colorado (15 kHz). The next standard simplex frequency up from 147.42 MHz is 147.435 MHz, followed by 147.45, 147.465, 147.480, 147.495, 147.51,

147.525, 147.54, 147.555, 147.57 MHz. As activity increases, operators should spread out on the band. As activity decreases, operators should move back closer to the primary simplex frequency.

This year, we are using the Colorado Connection Repeater system for passing information and coordinating the event. Be sure to share the repeater system with other users and DO NOT USE THE SYSTEM FOR GENERAL CONTACTS WITH MOUNTAINTOP STATIONS.

Frequency (MHz) Comments

147.420.....	Primary 2M FM Frequency, then up in 15 kHz steps
223.500.....	Primary 222 MHz FM frequency
446.000.....	Primary 70 cm FM frequency
446.025.....	Alternate 70 cm FM frequency
52.525.....	Primary 6M FM frequency
1294.500.....	Primary 1.2 GHz FM frequency
144.200.....	2M SSB calling frequency
50.125.....	6M SSB calling frequency
14.060.....	20M CW Frequency
21.060.....	15M CW Frequency
28.060.....	10M CW Frequency
14.260.....	20M SSB Frequency
21.330.....	15M SSB Frequency
28.350.....	10M SSB Frequency

Other bands/modes/standard calling frequencies and/or band plans apply.

Warning: Climbing mountains is inherently a dangerous activity. Do not attempt this without proper training, equipment and preparation. For Colorado Connection Repeater frequencies see <http://www.colcon.org>

Sponsored by The Colorado 14er Event Task Force

Jess Miley

KØTAA

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Anyone On 220 MHz These Days?

By N7LV Rob Roller

From time to time I'll switch to the national calling frequency on 223.50 MHz, and put out a general call, aka CQ. The only person that has ever heard my calls is NØISV Wayne Stephens, who is monitoring 223.5 almost continuously. I have it on when I'm in the radio shack, but usually not otherwise. So ... do you have 220? If so, put out a call on 223.5 when you walk into your shack, and see if anyone's listening. I have yet to hear anyone else!

Board Meeting Minutes

By NØMIK Mike Allen, Secretary

The July 22, 2002 PPRAA Board of Directors (BOD) meeting was called to order at 7:00 PM by President Rick Brown, KØSU at the home of Kate Ellis KCØEGJ. Board members present were Mike NØMIK, Ron NKØP, Bob KBØB, Tom NØNTX, and Jerry ADØA. Moe WBØRTF and Bill KDØJU, who served as proxy for Sid K4ARM, and Frank NØFS also attended. Jerry began with an update on the convention planning. ICOM and HRO will attend the convention if the other does. The manager of the Denver HRO is considering attending since ICOM has indicated a willingness to attend, so it looks like both will be there. The banquet cost will be \$30, and includes dinner, a talk by Riley Hollingsworth, and a ticket for the door prize. Jerry encourages everyone to register early, especially smokers, since smoking rooms in the Estes Park area are in short supply. Rick reminded the Board members of the Board meeting to be held after the club picnic in August. He also outlined the need for programs for the coming months. The program for August will be a talk on the lessons learned from the wildfire support earlier this summer. He would like to have a technical program, so if anyone has a technical subject they would like to present, please see Rick. The first order of business was the issue of the club meeting site. Rick told us the club can continue to use the OEM auditorium through December, and we can meet at the Leon Young Service Center in September. The general membership will vote at the August meeting on a new meeting site. Ron NKØP said that Rosie WAØMNL had suggested crock potting sloppy joes and hot dogs instead of serving cold cuts at the picnic. This sounded better than cold cuts, so it was agreed to go ahead with the idea. The Astron power supply door prize is in and Ron encouraged everyone to come early and participate in the tailgate swapfest. As at the regular meetings, tickets will be sold for the door prize. Ron asked everyone to either consider running again, or start thinking of potential candidates

for the October election of officers. Besides officers, a swapfest honcho is needed by the end of the year, possibly someone from one of Bob KIØGF's committees. Ron suggested moving \$2,000 from checking to savings to be used for next year's swapfest. All board members agreed with the idea. Going around the room, Frank NØFS indicated he was interested in emergency service and training (*He met with Mike NØMIK after the meeting regarding emergency service*). Moe WBØRTF announced she and Bill KDØJU would be hosting the Colorado YL meeting on August 10th at their home and asked anyone who was planning on attending to please RSVP as soon as they could. Rick will talk to Frank NØFS about teaching classes in summer or fall. Frank said he would be glad to teach or assist Frank McNally KFØWF as needed. The meeting adjourned at 7:50 PM. *de Mike Allen NØMIK, Secretary*

Membership Report

By KCØNC Les Borst, Membership Chairman

Please welcome these New Members

KENNETH R. BARTON	W5MJL
TOMAS DAWSON	KCØNRZ
KYENG S. KIM	KCØIST
LINDA KRAUSE	KØDRK

Total Number of Members

187

General Meeting Minutes

By NØMIK Mike Allen, Secretary

The Treasurer's report, given by Ron Deutsch NKØP showed an income for June of \$4,525.43, expenditures of \$1,173.30, leaving a balance of \$ 5,704.85 in the club's checking account. \$578.08 remains in the account used for Public service, training, etc, for a total of \$6,892.15 in assets. The club owes \$5.71 to the state for swapfest raffle proceeds. Committee reports began with Membership chairman Les KCØNC asking those who have them to keep their e-mail addresses current. Rick gave a rundown of the coming programs, which are Traffic Handling by Jerry ADØA for July, and Lessons Learned from the wildfire supports in August. This year's Swapfest honcho, Bob KIØGF stated that he will be stepping down as honcho and is looking for a replacement. He will, however, stay on as an advisor to whoever takes over. *Ø-Beat* editor Rob N7LV said articles are welcome from anyone who wants to submit them, as are digital pictures. He also noted that if your e-mail address isn't current with Les, you probably wouldn't get your issue of *Ø-Beat* in a timely manner.

The ARES EC Wes KØHBZ thanked everyone who helped or volunteered to help with the Schoonover, Iron Mountain, and Hayman wildfires. The club CCARC liaison, Moe WBØRTF said the next CCARC meeting would be held sometime in the fall. She'll have more information as the time grows closer. Jerry ADØA the 2003 regional convention honcho said the pre-registrations were being taken at the convention in Bryce Utah this year and that an updated registration form will be in next month's *Ø-Beat*. John KCØJFH, the manager of the club e-mail reflector announced there were 139 addresses in the reflector list. Please send any changes of address to John. Announcements began with Rick stating the July Board of Directors meeting would be held on July 22 at the home of Kate KCØEGJ. Moe WBØRTF announced that the Lunch Bunch would be meeting at the Hometown Buffet in the Mall of the Bluffs, 3650 Austin Bluffs at around 11:30 AM. Bob KBØB announced that he is putting together an order for club shirts and jackets. Jackets are the Yellow windbreaker style and are \$30 each. Polo style shirts with your name and call sign are \$14.75 each for S-XL, \$16.50 for XXL, and \$17.50 for 3XL. Miriam KBØREJ announced that she will be moving out of state August 15 and was looking for someone to take over sponsorship of the radio club at Panorama Middle School. The club call sign is KCØICW, and if anyone is interested, please contact Miriam. John NØQJS needs help with some tower work on Saturday, the 13th of July. Volunteers should contact John. The one item of old business was the issue of a club meeting place. There was much discussion centered on the Leon Young Service Center and the Colorado Springs OEM auditorium sites. **NOTE: The August club meeting will be held at the city OEM auditorium and a vote will be taken then on what the club prefers as a meeting site, the OEM auditorium or the Leon Young Service Center.** The first issue of New Business was the picnic. The picnic will be held on August 25th at Picnic Area #3 on the Air Force Academy grounds. There will be a tailgate swap from 11:00 AM to noon, followed by deli-type cold cuts and a potluck lunch from noon to 2:00 PM. A Board of Directors meeting will be held afterward starting at 2:00. Sodas will be provided and an Astron 25 amp switching power supply will be given away as a door prize, along with a couple of ARRL mugs. In a follow-up to the announcements made earlier, Tom NØNTX told us AO-7 was back up ... sort of, operating Mode A&B when it was in the sunlight. Mode A is 2 meters up and 10 meters down, Mode B is 70 cm up and 2 meters down. E-mail Tom for the details. Jeff KØRM presented an ARRL Public Service Commendation to Rob N7LV for his work in coordinating resources to work the Iron Mountain and Hayman wildfires. After the break, a

couple of announcements were made. The first was that an HTX-202 had been stolen from KCØAEB. WØMHP is the point of contact if anyone has any information about this radio. The second was that Ann La Fosse NØVAR of Peyton was now a silent key. Jerry ADØA presented an excellent talk on handling NTS traffic, and the meeting was adjourned at 8:50 PM. *de Mike Allen NØMIK, Secretary*

Cost of Ø-Beat Decreases

By N7LV Rob Roller, Ø-Beat Editor

It was only about 2-3 years ago that we were reexamining things like club dues and other income and expenses, looking for ways to balance the budget. The *Ø-Beat* always figures into these calculations, since it's the largest expense we have, except for the hamfest costs. And with the recent increase in postage one would expect the *Ø-Beat* costs to rise. Au contraire!

Three years ago, we were spending about \$225 / month for the *Ø-Beat*. Today, our costs have dropped to about \$110. That's a 50% decrease! How did that happen?

Three things: 1) The percentage of members getting their *Ø-Beat* electronically. I'd guess 1/3 to 1/2 of the members get their *Ø-Beat* in PDF format so there is no printing or mailing costs for them. 2) Starting last month, I've been taking the *Ø-Beat* in on disk, saving about \$10 per month, since X-Press printing can print right from the disk, saving setup time. 3) Our tax exempt status is saving us the cost of sales tax each month, which has been as high as \$7 - \$8 per month.

So while every dollar we save in expenses doesn't amount to much individually, the overall savings is considerable. Over \$1,000 per year!

Ham News Briefs

- The Edge of Space Sciences (EOSS) will be doing another balloon launch on Aug 17, from either Meadow Lake Airport, or Akron, CO (depending on the wind), using the PPFMA 448.450 MHz repeater for coordination.
- Beginning in January the ARRL Section News will no longer appear in QST, but will be available only on the ARRL web site. Currently you can read CO Section News on the web at <http://www.arrl.org/sections/?sect=CO>
- The American Radio Relay League (ARRL) has received a grant for \$182K to train ham radio operators in emergency communications. The money will go towards ARECC training for 5200 hams next year.
- The Dept of Defense will be shifting some military communications to different frequencies to free up

spectrum for commercial ventures and advanced wireless devices. No indication if there is any effect on amateur radio spectrum yet.

Roach

By N7LV Rob Roller

Another portable repeater is in town. Actually it's in Woodland Park. This is what's referred to now as the "roach", and it's owned and operated by PPRAA member, MARC member, ARES EC, and all-around good guy Wes Wilson KØHBZ. This portable repeater was first put into operational use during the Cavalier Trail Ride earlier this year. The photo below is the roach at the overlook on the Academy, parked above the camping area for the Trail Ride.



Next is a peek at the control panel for the repeater. The repeater, BTW, is permanently bolted into the bed of trailer. It's as easy as hauling it to a location, setting up the antenna, and turning it on. Version 2 of the roach will include an antenna mount right on the trailer bed. It's simple to operate, as simple as flipping a switch. The panel meter is a multi-function meter and can indicate several things.



The roach uses solar power to recharge the batteries. A large panel is mounted atop the trailer, and can keep the two high-amp-hour batteries charged. The capacity of the batteries and the solar panel is sufficient to keep the repeater operating for days on end, probably indefinitely. Below, Roger Foust KE6ZOT (left) and Wes show off the solar panel. (They're actually a counterweight as I stand on the tailgate to snap the photo.)



In addition to being put into service for public service events, this repeater also did full-time duty at the Iron Mountain fire, and most certainly could be available to various organizations for future public service events, training exercises or emergencies. The last photo shows the repeater in operation south of Cotopaxi in an area that shows some fire damage among the trees. And it appears that the antenna is mounted to the trailer, to Version 2 of the roach is already done. I'm sure Wes has other plans for the roach. If you'd like to learn more of this excellent piece of workmanship, contact Wes.



Colorado Connection Notes

By WBØQMR Paul Shackelford

07/08/02

I would like to start by thanking Bill KBØNWM, Dave NØPEO, Dave KBØZJW, Bill W3IHC and Gary NØUSC for their hard work cleaning up the road and repeater site at our Denver 145.310 Mt. Thorodin repeater. The work they did there improves our relations with the site owners and helps to insure our continued presence at that site.

I would also like to mention the work that was done by John N5EHP and Dave KAØYDW to get the Grand Junction repeater back on line. We had a link radio failure over the winter and they went up to replace it. They also returned this past weekend to replace a blown power supply. That is a long drive from the front range to fix a repeater. Thanks guys.

John N5EHP, Bill KDØJU, Moe WBØRTF and Doug K2AD worked on improving the Colorado Springs repeater last month and it is working much better. Thanks for the hard work on that one, guys.

Thanks to all who stopped by our table at the [PPRAA] hamfest. We were able to sell some donated equipment and get some donations as well. That money will be well spent on the Durango repeater and link and some of the equipment is currently on order. We also use some of the money to pay rent on our many repeater sites. We are looking forward to seeing you at the next hamfest where we can chat about the system and what ideas you may have to make it better and more reliable.

We have quite a few projects planned for the summer and if you can find the time to help in any way we could sure use it. You do not need to be a radio expert to help. We can use people with 4 wheel drive vehicles to get gear and people to the sites as well as general cleanup help and tool gophers. These outings offer some great scenery as well as the opportunity to work with some really knowledgeable people and learn much about how the Connection works. We always have fun. If you wish to volunteer please contact John N5EHP at HRO or on the Connection mornings or evenings, check into our net at 8:00pm local time Thursdays, or Email us at kb0vj@colcon.org.

Don't forget to check out our web site at <http://www.colcon.org> for complete info about the system as well as current repeater status and coverage maps.

Please remember to leave breaks when using the system so users of the outlying repeaters can get in. This is especially important with the high fire danger we currently have in the state. Many of our repeaters are the only means of communication from some of the remote forest areas. We hope that if needed the system will be available.

Have fun with radio this summer and we hope to hear you on The Connection. *73 from the Colorado Connection Board Of Directors.*

Some Club History: 1992 & 1982

By N7LV Rob Roller

➤ 10 Years Ago This Month:

- The club will cease providing free Ø-Beats to new amateurs.
- Ham classes begin on 9/14 at the Rustic Hills Mall, taught by Al Bailey ADØZ.
- Mike KØTER reports 592 CW contacts, 550 SSB, 42 on Novice-Tech, and 84 contacts on satellite at Field Day.
- The Gorgeous Amateur Ladies Society will not meet next month.

➤ 20 Years Ago This Month:

- PPRAA meets at 1930, 2nd Wed at the First United Methodist Church, 420 N Nevada.
- Dick WBØDUL announced the MARC 145.16 repeater is open to all.
- Club buys a generator with \$113 from coax sales, \$200 donation, and some money from the general fund.

Public Service & Emergency Communications

The PPRAA is an ARRL Special Services Club, but it is not an emergency services club itself. The PPRAA supports all amateur radio involvement in public service and emergency communications in any way it can, including reporting activities happening in the region. These columns are based on available knowledge of the editor, and the opinions expressed are not necessarily the opinions of RACES, ARES, Skywarn or any other organization, or their leadership. Logos used with permission.

RACES



<http://www.qsl.net/epcraces/>

VHF Net Tuesdays at 1930 on 146.76 MHz

CMRG repeater

Tony Dal Lago KC4VMB, RACES Officer

The July training went well, with Jim Mesite KCØFIB presenting a program on the role of the OEM and how RACES fits into the picture. Per the web events calendar, the August training will be ... an exercise! Be prepared. Is your callup roster up to date? Check in to the net to find the latest. Speaking of nets, the CMRG 76 machine is temporarily down. The callup roster calls for using the 147.345, 147.135 and 146.58 as fallbacks, in that order.

ARES



<http://www.qsl.net/ppares/>

VHF Net Tuesdays at 1900 on 146.97 MHz

PPFMA repeater

Wes Wilson KØHBZ, EC

August is a very busy month, with none less than five public service events and one exercise. The Colo Springs Weapons of Mass Destruction exercise is on Aug 28. Aug 4 is a staff meeting with a very busy agenda, mostly with lessons learned from the fires. Colorado Springs Balloon Classic is running short of volunteers for Labor Day weekend. Five events. If you can work one of them, contact Wes to volunteer.

Fire Recheck

As noted in last month's *Ø-Beat* an incomplete list of volunteers for the fires was printed with a request to identify anyone left off the list. Our apologies to those not included in the original list. This list below includes additional volunteers that were not listed in the July issue. Hopefully this list is fairly complete.

ABØJY, ADØA, AEØB, AFØD, KØDMH, KØDRK, KØEX, KØHBZ, KØNR, KØQED, KØRM, KØSU,
 KØTER, KØTSR, KØWHO, K4ARM, K5DVW, K7CIF, K9SIX, KAØCT, KAØDEH, KAØPII, KAØWUC, KAØYPX,
 KBØB, KBØBUO, KBØEEW, KBØIAP, KBØNMH, KBØRKW, KBØSHM, KBØTLS, KBØVVA, KBØVWG, KBØWFO, KBØWFO,
 KBØYGG, KB2ZVX, KB5HMU, KCØAEB, KCØCSY, KCØCYU, KCØDHX, KCØDK, KCØDTQ, KCØDZL, KCØEFM, KCØEGJ,
 KCØFIC, KCØFIH, KCØFII, KCØFNS, KCØFNV, KCØGBH, KCØGLP, KCØGLQ, KCØGMI, KCØHCS, KCØHEV, KCØHIL,
 KCØIAT, KCØITD, KCØIVW, KCØJMX, KCØKLF, KCØLAQ, KCØLNM, KCØLNN, KCØMCP, KCØMIT, KCØMQK, KCØMYK,
 KCØNAH, KCØNAJ, KC5LXC, KC5QNK, KDØJU, KDØTS, KD4WBA, KD5BUO, KD6FLM, KE6ZOT, KFØWF, KGØVY,
 KL1DJ, KL1DY, KO4WH, KW4O, NØABC, NØAMP, NØBN, NØEOP, NØEPF, NØFMD, NØGTZ, NØIEM,
 NØIER, NØIKF, NØISV, NØKZ, NØLNV, NØMIK, NØNJY, NØNKG, NØOAH, NØOPH, NØOUD, NØSFP,
 NØTU, NØUPW, NØUX, NØWHW, NØXIB, NØYGM, NØYSM, NØZMA, N3VW, N3VW, N4TGO, N6HVN,
 N6VTS, N7LV, NKØE, NKØP, WØEXR, WØLR, WØMHP, WØZMU, W4DML, W5JQ, W5MJC, WAØIBS,
 WAØMMK, WAØZEB, WA7TOJ, WBØBLV, WBØBTI, WBØJNR, WBØRTF, WB9BTI, WL7RV, WV7T

Packet Update

Packet radio is, well, mostly dead. Or so it seems. While monitoring for beacons over a 2-week period I heard only one beacon on what used to be the most popular packet frequency: 145.01. There still are pockets of packet (and I'm not talking APRS here) scattered on 144.93, 145.01 and 145.09. More and more, though, packet always manages to get considered as far as emergency comm is concerned. It may play a prominent role in the ARES WMD exercise at the end of August. It might even had played more of a role during the fires for handling some of the logistical traffic. Granted, APRS is a bigger packet draw these days. But there may be more happening on packet in the near future. We'll see If you have packet equipment, dust it off, turn it on, and see what's up.



2003 ARRL Rocky Mountain Division Convention Holiday Inn/Estes Park Conference Center, CO

May 30, 31, June 1, 2003

Sponsored by HAMCON Colorado, Inc.

Visit our Website: <http://www.hamconcolorado.org>

Technical Sessions

Exhibits

TX (fox) Hunt

Social Hours

ARRL Forum

Special Event Station

DX/Contest Breakfast

Ladies Luncheon

Wouff Hong

Prizes Prizes Prizes

Youth Forum

VE Testing

DXCC Card Submission

Friday Night Keynote Speaker: Jim Haynie, W5JBP, President, ARRL

Saturday Night Banquet Speaker:

Riley Hollingsworth, K4ZDH, FCC Special Counsel

Also Meet: N7NG, Manager of ARRL Membership Services & WØCP, ARRL RMD Director

PLUS all your buddies!

Early Bird Registration until
March 1, 2003
Price: \$ 8.00 Adults
\$ 4.00 17 & under
FREE LOGO PIN

Advanced Registration until
May 15, 2003
Price: \$10.00 Adults
\$ 5.00 17 & under
Logo Pins \$3.00 ea

Walk-In Registration beginning
0900 Friday, May 30, 2003
Price: \$12.00 Adults
\$ 6.00 17 & under
Logo Pins \$3.00 ea.
(While supply lasts)

LOCATION: Holiday Inn/Estes Park Conference Center, 101 S. Saint Vrain Ave (CO Hwy 7@US Hwy 36)
Estes Park, CO <http://www.rockymountainparkinn.com> (970) 586-2332 (800) 803-7837 (Reservations)

ARRL HAMCON Registrants get a special rate of \$69.00 Single, \$79.00 Double until May 9th only!

For RV/Campground rates and reservations call (800) 562-1887 or visit the

Estes Park KOA at <http://www.koa.com/where/co/06113.htm>

Need more info about Estes Park? Try <http://www.EstesPark.US> or call 1-800-443-7837

cut here

cut here

Registration Form

cut here

cut here

Please Print Plainly

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Your E-Mail Address: _____ (so we can confirm your reservation)

Your Telephone Number: () _____

Number of Adults: _____ X \$8.00 / \$ 10.00 = \$ _____

Number of Youth (17 and under MUST be accompanied by adult): _____ X \$4.00 / \$ 5.00 = \$ _____

Sunday DX/Contest Breakfast: (**Speaker: Wayne Mills, N7NG**) _____ X \$15.00 = \$ _____

Saturday Ladies Luncheon: (**Speaker: Cheryl Muhr, NØWBV**) _____ X \$15.00 = \$ _____

Saturday Night Banquet: (**An evening with Riley Hollingsworth**) _____ X \$30.00 = \$ _____

Total Due: _____ = \$ _____

Names of Additional Attendees: (everyone must have a badge)

_____ Call Sign: _____

_____ Call Sign: _____

_____ Call Sign: _____

_____ Call Sign: _____

Make Check or Money Order payable to: HAMCON Colorado, Inc. Mail to: Bud Saum, KØGS, Registration Chair, P.O. Box 463 Kiowa, CO 80117-0463. **MAIL NO LATER THAN May 15, 2003**

Pikes Peak Region Ham Radio Event Calendar

August/ September 2002 -- Please see Page 2 for Points of Contact						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10 PPRAA VE Test
11 PSE Race for the Cure	12	13	14 PPRAA Mtg	15 RACES Mtg	16 Lunch Bunch	17 PSE Pikes Peak Ascent
18 PSE Pikes Peak Marathon	19 Board Mtg on the 25th	20	21 MARC Mtg	22	23 Duke City Hamfest	24 PSE Poker Run Duke City Hamfest
25 PPRAA Picnic PSE Emily Griffith Center Bike Ride	26 ZB Deadline	27	28 COS WMD Exercise	29	30	31 PSE Balloon Classic
1 PSE Balloon Classic	2 PSE American Discovery Marathon PSE Balloon Classic	3	4	5	6	7 MARC VE Test
8	9	10	11 PPRAA Mtg	12	13 Lunch Bunch TAPR Conference	14 TAPR Conference
15 TAPR Conference	16 Board Mtg	17	18 MARC Mtg	19 RACES Mtg	20	21
22	23 ZB Deadline	24	25	26	27	28
29 BARCFest	30					

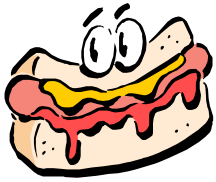
Questions about any event on this calendar? Something missing? Try our web page, or contact a Board Member!

Membership Application for the Pikes Peak Radio Amateur Association, Inc. P.O. Box 16521, Colorado Springs, CO 80935-6521	
Date: _____ <input type="checkbox"/> New Member <input type="checkbox"/> Renewal Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Call: _____ Class: N T + G A E Phone: _____ Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No E-mail: _____ Additional Family Members to Join/Renew: Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____	In which activities would you like to participate? Field Day <input type="checkbox"/> Demonstrations <input type="checkbox"/> Nets or round tables <input type="checkbox"/> Organize activities <input type="checkbox"/> Teach ham classes <input type="checkbox"/> Full Member \$15: <input type="checkbox"/> Family Membership \$18: <input type="checkbox"/> Over 65 \$10: <input type="checkbox"/> Over 65 Family \$12: <input type="checkbox"/> Associate \$12: <input type="checkbox"/> Ø-Beat Only \$12: <input type="checkbox"/> Donation to Club: \$ _____ Total Enclosed: _____ MAKE ALL CHECKS PAYABLE TO "PPRAA"
Please indicate how you'd like your Ø-Beat delivered: <input type="checkbox"/> Standard hardcopy via U.S. Mail (Defaults to standard hard copy in the event that NO check boxes are checked) <input type="checkbox"/> As a PDF file attachment via e-mail, to help save a few bucks <input type="checkbox"/> I'll save the club a few bucks and download it from the Web!	
Circle your interests ⇒ HF / V/UHF / FM / SSB / Digital / DX / Contests / Technical / Hardware / Other _____	
New and renewing members must submit a completed application form along with your check to the Treasurer. Please Type or Print Clearly!	

ALL NEW MEMBERSHIPS AND RENEWALS WILL BE PRORATED TO EXPIRE IN DECEMBER!!

RadioActivities!

Lunch Bunch



The next **Lunch Bunch** is August 16 at the Home Town Buffet, Academy & Austin Bluffs Pkwy, 1130-1300. (Always the **Friday** following the club meeting.) Contact Moe WBØRTF if you have any questions!!

Hamfest Horizon & More

- **Aug 23-24:** Duke City Hamfest, Albuquerque NM. Prizes include Icom IC-706, IC-2800, IC-2100. Contact Richie Allen KC5NZR, 505-242-0208, kc5nzs@arrl.net. Visit the web site at <http://www.qsl.net/dchf/>
- **Sep 13-15:** TAPR/ARRL 21st Annual Digital Conference, Denver. Get up to speed on the latest research in packet and digital modes. \$70 for both days; \$40 single day. Visit their web site for details <http://www.tapr.org/tapr/html/conf.html>
- **Sep 29:** Boulder ARC Hamfest, Boulder County Fairgrounds, Longmont. \$5 admission fee. VE testing & more. Talk-in 146.700. barc50@arrl.net. <http://www.thisistrue.com/barc.html>

- **May 30 – Jun 1, 2003:** Rocky Mountain Division Convention (HamCon), Estes Park. Visit the web site at <http://www.hamconcolorado.org> Contact Jerry VerDuft ADØA, 719-634-8066, ad0a@arrl.net.

Dits & Bits

- **QST Magazines Free:** Jerry Allen NØGCA has copies from 1989 to 1992. Call Jerry at 261-1278 or e-mail jerall@adelphia.net if you're interested.
- **Estate Sale:** The estate of Sherman Spahr WBØPCM of Wheatridge is liquidating many (too numerous to mention here) amateur radio related equipment. Please contact Tom at daileyservices@uswest.net for a complete list. POC is Tom Dailey 303-455-0889 or 303-733-7910.
- **For Sale:** Icom IC-729: Easy-to-use HF/6mtr xcvr, 100 W HF / 10 W 6mtr xmit, CW/SSB/AM/FM, gen cov rcvr, 500Hz CW filter, CTCSS tone board, manual, mic and original box. \$600.00. Tom McDaniel, NØTX, 570-1465, n0ntx@amsat.org

ONCE AGAIN THE MEETING WILL BE HELD AT THE EL PASO COUNTY OFFICE OF EMERGENCY MANAGEMENT (OEM), 305. S. UNION BLVD. TALK-IN ON 146.97 OR 146.58 SIMPLEX.

Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521
Colorado Springs, CO 80935-6521 USA

First Class Mail

To:

VERY IMPORTANT! MEETING LOCATION CHANGE! SEE PG 12!