



Tribute to a Living Legend

Ginger NØUOD

As many of you know Rosemarie and Russ Calaway (WAØMKS and KBØFNM) are now residing at:

Laurel Manor Care Center
920 South Chelton Rd
Colorado Springs, CO 80910-2399

Here they are able to receive better care for their ongoing health problems. We'd like to present this tribute to their many years of outstanding service to the PPRAA, and the Colorado Springs community.

Rosie Jirak Lewis Calaway, WAØMNL, started her life 10 minutes before her twin sister Rosalie on December 13, 1927. Her life was interesting from the first moments. She and her sister were wrapped in blankets, and placed in shoeboxes. Jars of warm water were tucked in beside them to keep them warm. Rosie was born in Kansas, but grew up in Iowa. She married Eldon Lewis in September of 1946. Eldon, Rosie and their three children, Larry, Linda and Jerry, moved to Colorado Springs in 1963, when their oldest son Larry, was in 8th grade.

It was Larry's interest in electronics and radio that led the whole family into Amateur Radio. Larry was in Boy Scouts and wanted to earn the Radio Merit Badge. A class was held at the Prospect Lake Navy Reserve Training Center conducted by Wally Roland,

KØWMD and John Felix, KØSLS. He successfully put the family's first amateur receiver together and quickly got involved in the license class sponsored by the PPRAA. He mastered Morse code easily and got his first call of WAØDGL. His new hobby infected the rest of the family, and Eldon soon had the call, WAØERA. When a new class started in 1965, Rosie, and sister Linda, along with 3 of the Walters' neighbor family and some members of the Felix family enrolled.



Rosemarie Calaway—WAØMNL

Rosie got her General License in 1965 at the FCC office in Denver. She and 3 other members of the Lewis family now had memberships in the Pikes Peak Radio Amateur Association. Rosie's call assignment was WAØMNL, and Linda's, WAØMNM. The family station wagon was equipped with a two-meter transceiver used for communication with home and the many friends they made at the PPRAA meetings.

Rosie became the foundation for the Lewis family support for the PPRAA from 1965 on, after Larry left Colorado Springs to pursue a college education, jobs, and later a military career. Rosie's efforts were exceptional, and each year she was involved in organizing field day activities and running various nets, along with support for the Pikes Peak Hill Climb and many other community events

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August 2003

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Please Note:

September 0-Beat deadline August 22, 2003

No content is accepted after the deadline.

Meetings Our monthly meetings are held on the 2nd Wednesday of each month at 7 pm, temporarily at the El Paso County Office of Emergency Management, 305 S Union Blvd. Our Annual meeting is in October. Check the web site for any changes.

Regular License Exam Sessions Our ARRL VE test sessions are on the 2nd Saturday of even numbered month. Contact Erik KGØXE for details.

Examinees need to bring (1) \$12, preferably a check or money order payable to ARRL/VEC; (2) picture ID; (3) the signed original and a copy of your current amateur radio license and CSEs 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 for maintaining these pages.

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 KCØJFH 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!

Officers and Directors

President	Ben Cruise	NØLNW	n0lnw@arrl.net
Vice President	Tom McDaniel	NØNTX	n0ntx@amsat.org
Secretary	Joanie VerDuft	KCØGMI	verduftj@earthlink.net
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*Board Member	Rick Brown	KØSU	k0su@arrl.net
*Board Member	Kate Muniz	KCØEGJ	kc0egj@aol.com
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Board Member	Jerry VerDuft	ADØA	verduftj@earthlink.net
Ø-Beat Editor	Tom Dawson	KCØNRZ	kc0nrz@arrl.net

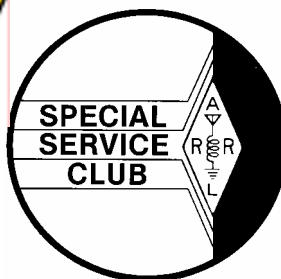
* Indicates this Director is in the 2nd year of a two-year term

Committee Chairs & Other Contacts

Activity	VACANT		
Auditing	Kate Muniz	KCØEGJ	kc0egj@aol.com
Asset	Mike Stansberry	KØTER	k0ter@arrl.net
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Historian	Ron Deutsch	NKØP	nk0p@arrl.net
Interference	Bill Petty	NØNJX	william.petty@lsil.com
Membership	Les Borst	KCØNC	kc0nc@worldnet.att.net
Programs	Rick Brown	KØSU	k0su@arrl.net
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Public Service	Mike Stansberry	KØTER	k0ter@arrl.net
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Upcoming Club Programs

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.



Articles for the Ø-Beat Deadline for articles or ads for the September issue is August 22. 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

President's Corner

Ben, NØLNW

The long hot days of summer and then add Hay Fever and you have a grumpy President this month. The new news is that the club picnic will be Sept. 13 at the Meadow shelter in Palmer Park. This is basically the North West corner of Academy and Maizland. The shelter is right next to children's play ground. Of course kids and grandkids are most welcome to the picnic. Hours for the picnic are 10am to 3am. Keep your eye on the PPRAA's web site for more poop from the group. The Board will have its monthly meeting at the picnic so that more members can attend.

Kate Muniz has agreed to be the Legislative Affairs Coordinator for the Board and the club. Kate will liaison with the Colorado association of ham radio clubs which is also a point of contact for legislative matters affecting our hobby. Thanks Kate!

More and more we are being affected by legislation and governmental action. I think we need to have in place a system to become aware of, and keep track of, government, legislative, and regulatory matters that should be of concern to Amateur Radio. From time to time we will need to be proactive in our contact with our elected officials and regulatory agencies. Kate's job will be to bring legislative and regulatory concerns to the membership and Board and coordinate our response.

The Board of Directors is working as the Nomination Committee for club officers. Elections are at the October club meeting. If you are interested in serving as a club officer or Board member let one of the Board members know.

Have a good and safe summer.

73's

Ben, NØLNW
President

Membership Committee Report

Les, KCØNC

Membership committee report.

Please welcome these New Members

SETH	BARDASH	KIØPE
RICK	BUCKNER	KCØOVH
JACOB	MOGEL	KCØLZY
DAVID E.	NEKSON	KCØHPT
WES	WILSON	KBØNUW

Goodbye to the following members.

MICHAEL	THOMPSON	KCØGLR
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Total Number of Members

173

Below are licensed classes of our membership.

Technician – 47 Technician+ – 21

General – 34 Advanced – 12 Extra -- 57

Board Meeting Minutes, June 14, 2003

Joanie, KCØGMI

The PPRAA Board of Directors met at the home of Rick Brown, KØSU on July 14th. Those in attendance were Pres – Ben Cruise NØLNW, VP – Tom Mc Daniel NØNTX, Treas – Bob Wagaman KBØB, Sec – Joanie VerDuft KCØGMI, Rick Brown KØSU, Aaron Pelouze KD6FLM, and Jerry VerDuft ADØA. Absent were Kate Muniz WB9BAH and Tom Dawson KCØNRZ. The meeting was called to order at 7 pm by NØLNW. Minutes of last Board meeting were approved. KBØB presented the complete Swap Fest financial report reflecting net profit of \$2221.14. The Board expressed their thanks to Kate and the entire Swap Fest Committee for a job well done! KCØGMI read a letter she sent to ARRL along with the Club's \$500 donation check for combating the broadband over power lines (BPL) proposal. The Board suggested the Letter be published in the next issue of Ø-Beat. NØNTX discussed upcoming programs: a Satellite presentation in Aug, Broadband over power lines in Sep, election of officers in October, November TBD and the Christmas dinner in December. KØSU advised that the PPRAA VE Team is looking for a new location for VE Testing; hopefully with two separate testing rooms (one for the written tests and one for code testing) on the 2nd Saturday of each month 9-12 am. If anyone knows of a possible VE testing location, please contact Rick KØSU. Field Day was discussed. Although the Board felt the recent FD was successful, better planning on antennas and operator recruiting would enhance it

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Club Meeting Minutes, June 9, 2003

Joanie, KCØGMI

Meeting called to order at 7 pm by President, Ben Cruise NØLNW followed by introductions around the room. The June meeting minutes were approved. Bob KBØB gave the Treasurer's report: Inflows (mostly from the Swap Fest) \$5023.91 minus outflows of 1850.36 = \$3173.55. Total cash and bank accounts = \$8693. Tom NØNTX discussed upcoming programs: Broadband Power Line (BPL) use for August, September picnic, and the Election of Officers in October. Tom also noted that a Saudi Satellite, SO50, is now functional. For information on working SO50, contact Tom NØNTX at n0ntx@amsat.org. Kate WB9BAH announced a really good Swap Fest and thanked all those who participated. There were 488 attendees at the Swap Fest. Sid K4ARM announced the recent ARES support to a Fort Carson exercise was very successful and thanked those that participated. Sid noted that D14 ARES was providing some support to Denver and Park County ARES fire activity. Jerry ADØA noted that he had provided the PPRAA Treasurer a check for \$272.94 covering the Club's seed money of \$150 to HAMCON for the recent convention + \$122.94 share of convention proceeds. Les KCØNC reminded us that the fire season is now present and we must be prepared to respond when the need arises. Al VO1NO noted our Field Day (FD) contacts as follows: 913 SSB, 731 CW, 22 Satellite, 32 GOTA, 10 UHF/VHF = 1708.

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that the PPRAA assisted with communications for, plus club social events. She also represented the PPRAA in the Colorado YL organization, and her efforts encouraged many women to get an amateur radio license. Rosie was elected the first woman president of the club, serving from 1970 to 1971. She held many other offices in the club throughout her many years of membership. Rosie was still a mainstay of support in the PPRAA even after Eldon's death in 1981.

In 1987 Rosie met a great guy named Russ Calaway and married him. With Rosie's help Russ got his Amateur License. His call is KBØFNM, and he quickly became her "Fine New Man". Rosie tutored many new Amateurs over the years in passing the Morse code part of the license tests, and her ability with Morse code allowed her to eventually achieve an Extra Class license for herself.

Since 1987, Russ and Rosie have been very busy in Amateur activities. They have been active in the PPRAA, PPARES, and RACES. Rosie started the Lunch Bunch several years ago. Groups of Amateurs would meet at different eateries around town once a month. This was always a fun experience. Christmas parties were the best. Rosie would invent games to play and wrote poems for the occasion, and her wonderful sense of humor always put a smile on the participants' faces.

Rosie likes to have fun. For many years she was in charge of getting the hourly prizes for the PPRAA Swapfest. She and Russ would travel from Denver to Cripple Creek getting the prizes, not to mention getting lots of great prizes from businesses here in town.

Rosie and Russ are very kind and giving people. Whenever a friend was in need of food, they would help. Like the Thanksgiving they bought a turkey so that KB2ZVX and KCØDGK and their son could have a Thanksgiving dinner. They would go visit many people through the years that were ill. There was even a time when Moe WBØRTF, was accidentally dropped off at the wrong end of her apartment building, which proved to be very interesting. They took food to the needy and helped a lot of people.

K4ARM says Rosie cares, she shares and she believes (in God and helping others).

In keeping with Rosie's sense of humor I'd like to end this tribute with a poem she wrote entitled Y2K.

I think it was way back in January, 1999. That I heard about a bug of some kind. I heard of all the things this bug can do. To your computer, utilities, and even to you. It could render you useless and spoil your day. It's a mean critter that every one calls Y2K.

Does it have claws, horns and teeth, is it hairy? Does it crawl or fly? This is all much too scary. I've heard the stories of the troubles it brings. Oh! My!,

"What shall I do about this Y2K thing?"

If a Y2K bug wanted to hide where would it go? I looked everywhere, I searched high and low. I dug up every inch of our big back yard. I was worried and scared, while on my guard.

But nary a trace of that nasty Y2K bug could I find. My hubby, said "Quit worrying, it's all in your mind". I couldn't help it, I was as nervous as I could be. I just knew that a Y2K bug was going to get me.

I was a terrible wreck just waiting for the time, when we would give up the year 1999. At midnight the wall clock began to chime. He reached for a bottle, that hubby of mine.

THEN IT HAPPENED..

Those Y2K stories that you hear are no lies. Wham! it hit me right between the eyes. I knew I was a goner, Y2K had got to me. I'll never again see home or my family.

My hubby was shaking me, he thought for sure that I was dead. The cork from the champagne bottle had struck me in the head.

The end....

A tribute to the best friend a person could have.

(Write with help from 2 of the family hams, Larry, KØRI, and wife, Bonnie, WAØMKS.)

PPRAA VE Session News

Dennis, NØABC

As of this writing, the August 9th VE session will not be held at the usual location of DeVry Institute. We are currently looking for an alternate (and hopefully permanent) location for our sessions. Please inquire for the location since the August meeting will be after the planned test session.

**Zero-Beat
Articles Needed**
Please email to
KC0NRZ@ARRL.NET

Tech Talk

Packing and Shipping Amateur Radio Equipment

Jim, ABØUK

If you are like many others you have experienced or at least heard of the horrors of shipping damage. Armed with a little knowledge that horror can be reduced to a mild nagging as to whether your pride and joy will get there okay. The author has owned a packing and shipping business for seven years and has had much additional packing and shipping experience. At one time we specialized in packing electronic equipment.

It is very important to remember the carriers (UPS, Fedex, Airborne, Post Office and others) set their own rules. If we ship amateur radio equipment (or anything for that matter) we must abide by their rules when we ship and when we deal with them on a damage claim. We may not like it but if we are going to ship these are the facts. We need to learn their rules and play accordingly or we will be living a horror story sooner or later.

Obviously, your first goal is to assure your amateur radio equipment is undamaged in transit. A very close second is to assure that if your equipment is damaged you receive a fair settlement. Adequate packing (cushioning) materials serves these two aforementioned purposes. Once a damaged item is declared to have "inadequate cushioning" the damage claim is denied and the odds of getting that reversed are almost zero. And, this is regardless of the amount of insurance you purchased. Complying with the carriers expectations for adequate cushioning of your specific item is the only way to convince them the package was damaged only due to their actions and not the use of inadequate cushioning.

Insurance in no way guarantees you will receive any payment or other compensation such as repair. In order to collect you must pack the item to the extent expected by the carrier and should the item be damaged then be able to prove to the carriers satisfaction the value of the item. They will only deal with the depreciated value of the item and not the replacement cost or cost when new. More expensive items get more rigorous scrutiny for value and documentation of that value.

Photos, weight and size information may assist with a claim settlement. Take pictures during each stage of your packing process. Be sure the type materials used is clearly visible. Include pictures of the finished package. Record weights and dimensions. These may be available on your shipping receipt. Should there be a claim offer this information including copies of the photos to the carrier claims or insurance department to assure the correct item and all it's packing materials were evaluated.

Use extreme caution during packing and handling. Obviously, you don't want to drop or otherwise damage your pride and joy. Use box knives with great care. Sharp tools help prevent accidents. Not so obvious are the hazards of paper and corrugated (cardboard) cuts. A cut from corrugated can be much more severe than a paper cut. Know the location of your first aid kit.

The type of packing material and thickness and the type of box(s) are your main concern when packing that boat anchor or brand new rig going in for warranty repair. The type, amount and quality of the material should be appropriate for the value, weight and fragility and destination of the item. When packing, start inside with the item to be packed and work to the outside of the package. This assures you adequately protect the item, the right size box is selected and it is properly sealed.

Minimum cushioning in all circumstances for boxed items should be at least one inch thick. Extremely fragile, valuable and heavy items traveling long distances by ground may require double boxing or crating and as much as six or more inches of cushioning. Cushioning materials are available in several varieties. Not all are suitable for all items. In all instances over stuff the container. Settling occurs in shipment. Use caution to avoid damaging antenna connectors, controls and other protruding objects.

Items such as spools of wire and heavy mast may be shipped without cushioning or an external container. Be aware they are more prone to damage outside a container and may be judged as insufficient cushioning if damaged. Items outside a corrugated container are charged an extra handling fee by most carriers.

Newsprint can be used for smaller non-fragile items that are lighter weight. This includes cable, hardware, wire and similar items up to about 10 pounds depending on size. Shredded newsprint mats down (compresses) during shipment and offers little protection in this state. The best newsprint is glossy advertising circulars. Crumple each sheet into about a two inch ball. If you are using full sheets of newsprint tear them in half before crumpling. Pack them tightly around the item. As a minimum put a corrugated liner in the bottom and top of the container and preferably on all sides.

Packing peanuts are available in two basic types. Peanuts made from synthetic materials are the most popular, but can build and hold a static charge and are not biodegradable. Obviously, static electricity can damage your top of the line Yaesu or Icom. Biodegradable peanuts are made from corn starch but are about fifty percent more expensive. Packing peanuts are popular but actually offer very little actual cushioning protection. They easily compress and settle about ten percent during shipment. Items packed in peanuts tend to shift inside the container during transit. This increases the odds of damage. Peanuts should be used for void (empty space) fill only. Instances would be when you have finished packing and have small voids in the container corners or other location. Peanuts will help keep the corners from crushing in during normal handling.

Bubble wrap is available in several sizes. The most popular are 3/16" and 1/2" bubble size. The smaller size should be used for items like books, wire antennas, junk box parts and like items depending on weight. The larger size bubble is used for transceivers, receivers, transmitters, tuners and other more fragile items. Fragile items are best described as items with circuit boards, vacuum tubes or meters. Smaller and less valuable items may only require as little as two inches of larger bubble wrap. That is about 3-4 layers of 1/2" bubble. Larger, more heavy and valuable items need four inches (5-6 layers). Top of the line items will need five to six inches (7-8 layers).

Generally, it is best to leave vacuum tubes in the equipment provided their sockets hold them securely and they are cushioned inside the item. Open the amplifier, boat anchor or other equipment and pack bubble wrap or polystyrene strips around the tubes and fill the void inside with additional cushioning that is dust free and non-static producing. This helps assure the tubes stay in place and keeps them and other internal items from damage. Always write a note about the internal cushioning and place it conspicuously inside the package so the recipient will understand to unpack the inside before applying power.

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There are other cushioning materials available depending again on the item to be packed. Foam-in-place, commercially prepared foam bags and polystyrene boards are examples. These are beyond the ability of most people to procure and use. If you think you need these contact a commercial establishment that specializes in these products. Do not use spray insulating foam found in hardware stores. It is worthless for packing purposes and most likely will result in a damaged item and will earn you an inadequate cushioning award from your carrier.

Boxes vary in size, capacity, color and styles. There are national standards established for boxes. Using an inadequate box can lead to your financial loss. Used boxes for lighter and non-fragile items is most likely acceptable. However, for all other items a new box is preferred. Used boxes may have lost up to 80 percent of their strength. Carrier claims inspectors most likely will deny a claim for a fragile or more valuable item if it is shipped in a used box except as explained below for double and triple boxing. They can easily determine the difference between a first time use box and one that has been reused.

Boxes have weight ratings that must be strictly observed. Single wall boxes are typically rated for 35, 65, 90 pounds. Double wall ratings are typically 105 and 120 pounds. Do not exceed the rating of the box. Do not pack a 70 pound amplifier in a 65 pound box and expect a damage claim to be paid. Ratings are included in the box manufacturers stamp on the bottom of the box. Assure this stamp is always on the bottom side of your finished package. Always adhere labels on the opposite side. Carriers consider the shipping label as the top of the box.

More fragile and heavier items should be double boxed. Triple boxing may be needed for more fragile, larger, heavier or more valuable items. The use of double wall boxes may substitute for triple boxing but not double boxing. Evenly divide the cushioning thickness around the item and the outside of the inner box(s) whether double or triple boxing.

Some amateur radio equipment is received from the manufacturer in a box that is suitable as an inner box. Usually the cushioning inside this box is adequate for inner cushioning when double or triple boxing. When this inner cushioning material is used subtract it's thickness from that discussed above to determine the additional cushioning required. Do not ship the item via a commercial carrier using only the box you received it in. These boxes are palletized and handled as a unit when shipped to your local amateur radio dealer. They are not designed to withstand the rigors of being shipped as individual boxes. It has been reliably estimated the average package is handled 38 times when shipped by a commercial carrier.

Tape should be acrylic or rubber based. Filament tape should be used to add strength to larger and heavier packages. Do not use cellophane, plastic, duct, masking or electrical tape. Rope, twine and string are prohibited. There is no substitute for quality tape. The use of 3 mil thickness is recommended. After wrapping the item or inner box use tape to hold the cushioning in place.....4-6" long stripes every 6-8" at the edges and ends of the bubble wrap. Mark the item and its cushioning so the top is obvious. When closing a box place at least three strips on the top and bottom at the line the two flaps make when closed. This should be the full length of the box, around the edge and 4-6" on the adjoining sides. Place a strip along the side edge of the flaps to join the flaps and box sides. Every 4-6" place additional 4-6" strips across the tape just applied. Assure the bottom is adequately taped as

well as the top.

Items valued over two or three thousand dollars, heavy items (over 50-60 pounds) and larger items (>20"x20"x20") most likely needs specialized preparation and should be prepared by a professional service. These items may need specialized foam packing, crating or the expertise of a professional.

There are several sources of cushioning materials to include boxes and tape. Office supply stores carry a variety of suitable items. Armed with the information in the article you should be able to make wise choices in these stores. Professional pack and ship businesses offer a variety of materials as well. Call around and shop carefully as these stores offer varying items at varying prices. You will find some of these stores more knowledgeable than others. eBay auctions may also be a viable alternative to locate materials. Should you need specialized assistance check the Yellow Pages under "Packaging Service" or "Packing & Crating Services" and get two or more written estimates. Boxes and other packing materials gleaned from the back dock of supermarkets and other locations is actually worth about the amount you paid for it.

To conclude, the best way to assure your valuable rig, boat anchor or other amateur radio equipment survives the rigors of shipment is to pack your pride and joy as expected by the carrier. It surly is your pride and joy but to those handling it the box is one of hundreds or thousands they will handle each day. No one box regardless of markings or value to you is singled out for different handled from any other box. Protect your radio equipment well to prevent damage and to assure a fair claim settlement should it be damaged. Should you need more information you may contact the author at (719)-641-8477. At this time we are not in the business to sell packing materials or shipping services. But, we will be happy to offer you free advice and it probably be worth it's price.

PPRAA Letter to the ARRL

July 10, 2003

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

American Radio Relay League (ARRL)
225 Main Street
Newington CT 06111-1494

Dear ARRL,

The Pikes Peak Radio Amateur Association (PPRAA) is dedicated to the League's plight to counter the proposed use of power lines for broadband Internet usage. We understand the devastating affect this can have to amateur radio communications if such broadband over power lines were implemented.

Enclosed is our check for \$500 to help support your effort in opposing this proposal.

Vy 73,

Joanie VerDuft, KCØGMI
Secretary, PPRAA

Colorado 14er Event

Amateur Radio Fun in the Colorado Mountains

Sunday, August 10, 2003

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 10th 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.

New this year: Two awards to encourage mountaintop operating throughout the year are available. The **Summit Award** is given to radio amateurs that contact 10 or more peaks and the **Pinnacle Award** is for operating from 5 or more peaks. See the event web site for complete rules.

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. Also, be sure to check out the event information at <http://www.Colorado14erEvent.org>

Frequencies used during the event

Activity can occur on any amateur band including HF and VHF. The 2M FM band plan uses a "primary frequency and QSY up" approach. 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.

Frequency (MHz)	Comments
147.42	Primary 2M FM Frequency, then up in 15 kHz steps
223.5	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
1294.5	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.

Sponsored by *The Colorado 14er Event Task Force*

Public Service Communications

RACES



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

VHF Net Tuesdays at 1930 on the 146.76 MHz
CMRG repeater

Les Borst KCØNC, RACES Officer

This month's training was scheduled to be on ICS, but things changed at the last minute. We were very pleased to have as replacement a presentation on how and when RACES was established. This part was presented by Doug WØMHP. Later Jim Mesite gave a great program on the part FEMA plays in our National Security and emergency communication in general. The training on ICS has been re-scheduled for the August meeting.

The next RACES meeting will be on the 21st of August at the county OEM at 7:00 PM.

ARES



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

VHF Net Tuesdays at 1900 on the 146.97 MHz
PPFMA repeater

Sid White K4ARM, PPARES EC

ARES emergency communications training is
available at:

<http://www.qsl.net/aresco/training.htm>

This training helps ensure that we provide a consistent high level of professionalism when providing emergency communications to our served agencies.

(Continued from page 3)

for next year. The Board expressed their thanks and appreciation to VO1NO and the entire FD Committee for a great event. ADØA noted an item in The Kiplinger Letter which he subscribes indicating that the utility companies will begin competing with phone and cable companies for Internet access option over their power lines in 2006 (if the BPL proposal is not stopped or controlled.) NØLNW discussed options for our club picnic in September. After discussion, it was moved, seconded and unanimously passed that we reserve Palmer Park (Academy and Maizeland) for our club picnic on Saturday, September 13th, 9am to 3pm, for a fee of \$30. The club will supply the meat, condiments and Sodas as well eating utensils. The Board appropriated up to \$200 for our club picnic expense. We are in need of someone to head up the picnic; contact NØLNW. The Christmas party location was then discussed and it was suggested we try to get the Springs City Church facility, the same as last year. NØLNW discussed upcoming call for officer nominations and that we should be prepared to put together a slate of nominees by our September Board meeting for placement in the October issue of Ø-Beat. Any club member interested in serving as a Club Officer or Board Member should advise NØLNW or any one of the current Board Members. Meeting adjourned at 8 pm. Respectfully submitted by Joanie KCØGMI, Secretary

(Continued from page 3)

Our total FD score with bonus points was 5878. Al thanked all the band captains, cooks, et al for a great event despite the high winds and hail that put us off the air for a while on Saturday afternoon. Provide any lessons learned for future FD to Al at vo1no@rac.ca. Al read a card the club received from Steven Parker, the son of WAØSIZ, thanking the club for providing him the opportunity for his FIRST CONTACT at FD. Congratulations Steven! N7LV thanked Al for his great FD publicity efforts – the Gazette article and the KRDO visit and special on their newscast. Tom KCØNRZ noted that he was looking for Technical articles for 0-Beat, in addition to a write-up and pictures from FD. Ben NØLNW noted that October is election of officers; members should provide their nominations/recommendations to any current Board Member. New Business: Mike WV7T announced that Ginger NØUOD was putting together a historical for Rosie Calaway. Anyone who has been inspired by Rosie in the past, or has something to share, please provide the info to Mike or to Ginger. Russ and Rosie are now in the Laurel Manor Care Center, 920 So Chelton Rd, Wing 1, Room 2. They would appreciate a visit. Mike KØTER suggested that we donate money to the ARRL to help the fight against Broadband Power Line Internet Usage. Doc WØMCT moved and Rick KØSU seconded, that we forward \$500 to ARRL for support of the BPL usage battle. Motion passed unanimously. NØLNW requested the Secretary forward our check to ARRL with a cover letter. The Hammy Award was provided to Kate WB9BAH for her leadership of the Swap Fest. The previous nominee, Joanie KCØGMI, had not received it so the Hammy will be given to Joanie for the month and then passed on to Kate. The meeting broke at 7:45 pm followed by an excellent presentation on Lightning Protection by Gary Bader of Mr Lightning, Monument CO. Meeting adjourned at 9:10 pm. Submitted by Jerry ADØA in the absence of the Secretary KCØGMI who was ill.

Field Day in Pictures



Lisa Martin of KRDO Makes a contact on the GOTA Station

Photo Tomas, KCØNRZ



Mike, KØTER making one of his many CW contacts

Photo, Tomas, KCØNRZ



Mike, KØTER setting up the CW station Antenna

Photo Mike., WV7T



Tom, NØNTX and Jim, N6UPL working AO4Ø

Photo Tomas, KCØNRZ



The view from the field day location.

Photo Tomas, KCØNRZ

Radio Activities!

Amateurs Turn Out For Hill Climb Support

Rob, N7LV

Maybe it was the excitement of watching an auto race, or just the number of newer hams in the area, but this year's turnout for volunteers was one of the largest in recent history. Hams typically are asked to provide safety communications support for the Pikes Peak International Hill Climb due in part to our large numbers, and also to the fact that we have reliable communications that can be placed at nearly every curve on the course. This year, hams also play a bigger role since last year's fire season, and the officials recognize that. Because of our communications we were in a better position to report any fires along the course, too. In fact, before the race even started, hams reported one camper with an open fire. Officials were called and it was put out immediately. According to an article in the Gazette, hams were number one on the list of safety precautions taken by Hill Climb officials. Fortunately, there were no major problems with the race, and all volunteers had a great time, applying ham radio to a high-traffic net, as well as watching a great race.

Hams have been providing safety communications for at least 40 years. I ran across an article in a QST from the 60's that told of our support to that event using 80 meters. This was before 2 meters was a hot thing, and before ham repeaters too. Probably as long as there will be races to the clouds will there be hams on the course.

HEAR YE, HEAR YE!!

We are going to have a picnic!!

Sept. 13, 2003 (Saturday)

10am to 3pm

Palmer Park, Meadow shelter.

The shelter is near the NW corner of Academy and Maizel and. Right next to the playground.

The Board sez the club will buy the ground beef and hot dogs and condiments. Such a deal!

Someone with the picnic organizational skill I needs to step forward and help guide this effort. E-mail Ben at N0LNW@arrl.net.

Mark your calendars!!



Randy Reynard NQ0R and Ron Hranac N0IVN watch for problems at the First Leg of the W's. (Photo by NQ0R)

Pikes Peak Region Ham Radio Event Calendar

August / September 2003 -- Please see Page 2 for Points of Contact

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
3	4	5	6	7	8	9
10PSE: Race For The Cure (KØTER)	11	12	13PPRAA Mtg	14	15	16PSE: Pikes Peak Ascent (KØTER)
17PSE: Pikes Peak Marathon (KØTER) <i>DRC Hamfest</i>	181900 PPRAA Board Mtg	19	20 MARC Mtg	21 1900 RACES Meeting	22 MARC Campfest	23 MARC Campfest (KCØDTQ)
24PSE: Emily Griffith Bike Ride (KØTER) <i>MARC Campfest</i> (KCØDTQ)	25	26	27	28	29	30PSE: COS Balloon Classic (NØOUD)
31PSE: COS Balloon Classic	1PSE: COS Balloon Classic <i>PSE: American Discovery Trail Marathon</i> (KØTER)	2	3	4	5	6
7	8	9	101900 PPRAA Mtg	11	12	13PPRAA Picnic
14	151900 PPRAA Board Mtg	16	171900 MARC Mtg	181900 RACES Meeting	19	20
21	22	23	24	25	26	27

Membership Application for the Pikes Peak Radio Amateur Association, Inc.

P.O. Box 16521, Colorado Springs, CO 80935-6521

Date: _____ ☐ New Member ☐ Renewal

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Call: _____ Class: N T + G A E Phone: _____

Mbr of ARRL? ☐ Yes ☐ 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 ☐

Demonstrations ☐

Nets or round tables ☐

Organize activities ☐

Teach ham classes ☐

Full Member \$15: ☐

Family Membership \$18: ☐

Over 65 \$10: ☐

Over 65 Family \$12: ☐

Associate \$12: ☐

Ø-Beat Only \$12: ☐

Donation to Club: \$ _____

Total Enclosed: _____

**MAKE ALL CHECKS PAYABLE
TO "PPRAA"**

Please indicate how you'd like your Ø-Beat delivered:

(Defaults to standard hard copy in the event that NO check boxes are checked)

☐ Standard hardcopy via U.S. Mail

☐ As a PDF file attachment via e-mail, to help save a few bucks

☐ I'll save the club a few bucks and download it from the Web!

Circle your interests Ø 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!!

Classifieds

FOR SALE

Yaesu FT-8100 R, excellent condition Dual-Band FM Transceiver 2 mtr.- 70cm , an extra power cable for mobile use. \$ 250.00

KBOB -BOB 337-3736

To place a classified add please email to KC0NRZ@ARRL.NET. Add should be short and concise. Remember to include a phone number and email address.

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WAS-RTTY-QRP Achieved

Mike Anderson, WV7T, has received the 50th and final QSL card to confirm Worked All States Radioteletype operating with an output power of 3w. Dates on the cards range from January 2001 to July 2003. Application for WAS-RTTY-QRP is being submitted to ARRL and the QRP Amateur Radio Club International where Mike is expected to receive certificate #2 for WAS-RTTY-QRP.

PPRAA wins Contest Award

The ARRL has awarded the Pikes Peak Radio Amateur Association, AF0S, with a First Place Award for the 2003 ARRL RTTY Roundup, Rocky Mountain Division, multi-operator, low-power category.. The well-seasoned contest team of John Roth, N0QJS, and Mike Anderson, WV7T, operated the contest under the PPRAA AF0S call. The award will be on display at the next PPRAA club meeting.

Jess Miley KØTAA

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Closed May 19 to June 16

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