



VOLUME 61 ISSUE 7

JULY 2011



HAPPY 4TH OF JULY

July Ham Breakfast

LOCATION

Sandy's

6940 Space Village Ave

Saturday, 2 July 2011

Time is from 8:00-9:30

COME ON OUT

July Club Meeting

The club meeting will be on July 13th (second Wednesday in July, at 7 pm at **Broadway Deli, 301 Garden of the Gods Rd.**

PPRAA Club Officers

President	Mike Derbort	KCØELG
Vice President	Galen Steele	AGØA
Secretary	Dan Scott	WØRO
Treasurer	Pam Scott	WØPRS
Board	Gordon Dixon	KDØFKF
Board	Dave Moore	KØDAM
Board	Tom Brereton	WØTOM
Board	Doug Nielsen	N7LEM
Ø-Beat Editor	Mike Anderson	WV7T

All officers can be contacted at:
boardmembers@ppraa.org

PPRAA on the Web!

PPRAA Website: www.ppra.org

PPRAA Web Forums: www.ppra.forumotion.net

PPRAA Facebook Page:

Search for "PPRAA" and click "Like" (or visit <http://www.facebook.com/pages/PPRAA-Pikes-Peak-Radio-Amateur-Association/185833894769325?v=wall> if you don't use FB.)

For Ham Radio News Check Out This Site!

<http://ham-radio.alltop.com/>

PPRAA June Board Meeting Minutes

Called to order 7:00 pm
June 1, 2011

Moved minutes – John-KCØJFH moved to accept the minutes as printed in the ZeroBeat, Dan-WØRO seconded. Motion passed.

Pam-WØPRS reported that there is \$9,309 in our 3 funds. She had available printed, detailed treasurers report, for those wishing one.

Mike-WV7T reported that no club monies were needed for registering a Ten Ten International chapter or for creating a Quarter Century Wireless Association (QCWA) chapter.

Megafest update – forums schedule sent to speakers – DZ kit will probably not have a forum but will be in attendance.

The school contact, Maria, had been vacation. Dan will follow up on Wednesday to verify that everything is still correctly arranged with LPHS

Dan-WØRO left message with the scoutmaster to see, if for donations to the troop, the scouts would be interested helping people move their things in/out of the gym.

Dan-WØRO to contact Rick Brown-KØSU to verify if he will be at the Megafest checking cards for VUCC and WAS.

We need to get forum schedule onto our website and send info to various email reflectors

Gordon-KDØFKF will bring information on the embroidery to the next club meeting. This needs to be discussed with the club so the club can decide whether to they want silkscreen or embroidery. PPRAA will pay for setup for either silkscreen or embroidery.

Field Day food – Galen-AGØA made a motion to approve \$225, Gordon-KDØFKF seconded - all approved.

The board determined that Field Day setup would start at 4:00 PM Friday. Start time Saturday morning was still to be determined.

Social Networking – nothing new –send pictures to Steven DD for Facebook. There are messages from Facebook being directed to the PPRAA reflector, John-KBØJFH has set the reflector to block/delete messages from Facebook.

Ten-Ten International application will be sent in shortly. Mike, WV7T, to update us when the chapter is approved.

Mike, WV7T, will work on getting the Quarter Century Wireless Association chapter set up once the Ten-Ten International chapter is complete.

Scholarship – Michael, KCØELG, reported that he has contacted a group in the Washington DC area that handles amateur radio club scholarship accounts. We set the scholarship criteria and this group takes care of the rest.

Tom, WØTOM, brought up the requirements that we have to be careful track the donors and the associated designated funds.

Galen, AGØA, brought up that we could also have SK ham donations to sell gear to help fund this. Michael will contact FAR to collect more information. The board was very interested in having a 3rd party handling the scholarship fund.

Special Events - Tour De Cure – This event went well. Judy, the event organizer, was impressed with ham radio operators. We had enough volunteers for this event.

Do we want to get involved with Frame Twisters – we need to contact Rob Roller to see if PPARES wants to get involved with this one. This could provide ARES with a single day exercise over a very large area.

VE Coordinator – Galen-AGØA can take over in October if no one else volunteers.

Historian – we need candidates

Programs – Brian Bledsoe to be there on Wednesday

Library display – bring QSL cards to meeting and other radios, setup Friday, July 1 9:00 Briargate; need to coordinate who can be there to setup. Mike-WV7T will be available.

Bylaw review

- assigned for all board members to read
- separate out License Training from education

Membership benefits – being worked on

Around the table –

Galen, AGØA, will be lining up guest speakers for future months, PPARES and APRS are options

Dan, WØRO, thinking ahead to next year for Megafest – maybe have forums in the afternoon while keeping the swapfest part to the morning. This would create more of a Megafest/TechDay (or something like that).

Mike, WV7T, buying antenna book for small places, club to reimburse? Pam moved to pay for new General book, seconded by Dan Scott, all approved

Mike-WV7T updated us on his students, a couple to be taking their test on Saturday

John, KCØJFH, is looking forward to having our own station out east; we should have a special event station, possibly have operators there for COQP

- To ask at club meeting about any electricians in the club to do the wiring Need to find out what it would cost to put up a telephone pole for the antennas

Membership Benefits – So what does \$15 a year buy me? Open discussion?

- Technical Support
- Access to Club Station / Equipment
- Education and Training
- O-Beat
- Picnic
- Field Day
- Newsletter

New Business

- Scholarship fund – Michael to put together proposal for this meeting

Need a scholarship committee to review these

- Amount \$500 or \$1000
- Process: Application, Submit a paper, open discussion
- Monthly ham breakfast – should we continue to rotate these or should we choose one place
- Board consensus was to leave it as is – rotating around town.
- By-laws review
 - Working on a rewrite of several sections.
 - Open Committees

Around the table

Pam - Megafest – need more volunteers, raffle ticket sales, front desk, table sales, setup.

Doug - CCARC – Doug and Dan attended April 30th – CCARC had requested the ARRL (via Brian) for a clarification on the rules covering PCM or “Turbo” mode radios and repeaters. Although the Turbo radios are fine, the repeaters are dual channel which is not allowed for amateur use. Based on the

information provided but the CCARC, the ARRL has petitioned the FCC to either provide a waiver or rule modification. The advantage of a Turbo repeater over other digital repeaters is that a single 12.5 kc wide bandwidth can hold two independent repeaters.

Doug mentioned that we need to setup dates for August 20th picnic in Fountain – Metcalfe park or Bear Creek? Monument Valley?

Galen – picnic

Tom, John, and Mike – nothing else to report

Adjourn 8:47 pm

NEXT BOARD MEETING: MONDAY, 6TH JUNE 2011.
LOCATION: PERKINS

PPRAA June Club Meeting Minutes

8 June 2011

Call to Order 7:00 pm by Michael, KCØELG

Introductions (Around the room) – What have you done in the past month in Amateur Radio?

Silent Keys – Jess Miley, KØTAA – We observed a moment of silence in honor of Jess.

Approval of the May club meeting minutes – moved by Mike Anderson, WV7T, John Wishart KCØJFS, seconded. Motion passed

Current Events

- **VE Session:** Saturday, June 11th, Colorado Technical University – 9:00am Room 251
 - **Still looking for a VE Coordinator**
- **Library Display at Briargate Library** (July 1st) will have access 1 hour before doors open. We still need some interesting QSL cards and a few small items (keyers, baluns, etc.). If you have time and can meet at the Library on Friday morning that would be great.

- **Field Day** – Location: 3622 Bar 10 Road, Calhan, CO. Talk In: 146.580

Who:

PPRAA members, local amateur radio operators, friends, guests, and elected government officials.

When:

Setup: June 24th, 16:00

Operations: June 25th, Noon until June 26th Noon

Tear Down: June 26th, Noon

Stations and current station captains:

HF1
(ssb/cw): TBD AF0S

GOTA: Doug
Nielsen,
N7LEM
WA0VTU

Talk In
(146.58): TBD

Main Power: TBD

Antennas: TBD

Radios: TBD

Computer Program: N1MM

Food Schedule:

Saturday Lunch	1100- 1300	Hamburgers, Hotdogs, Brats, salads/chips
Saturday Dinner	1700- 1900	PotLuck & BBQ Brisket
Sunday Breakfast	0700- 0900	Eggs/omelets, coffee & juice

Notes:

1. We will provide coffee during the 24 hours of station operation.
2. There will not be a charge for meals, but donations will be welcome at the site to help cover the cost of food.
3. For the potluck dinner Saturday night, we will provide meat and drinks. You should bring a side dish to share. Please bring a dish based on the first letter of your last name:
 - o A thru I - dessert
 - o J thru R - salad
 - o S thru Z - side dish
4. We need 3 to 4 volunteers for each of the three meals to help with KP (serving, cleaning up).
5. Camping is available – no hookups

- **Tour De Cure Event:** Bob Antion gave an update.

Upcoming Events

- **Megafest Report** – Saturday, July 16th need volunteers Friday night table setup at 4 -6
- Shirts, T-Shirts, Hats, etc. Need more volunteers.

Dick requested that the club pay for the screen and artwork charge – Club will do this for the screen-printing, still in discussion about embroidery

- **HAMCON:** The 2011 ARRL Rocky Mountain Division Convention will take place August 5-7 (Friday through Sunday) in Taos, New Mexico
- **Frame Twisters Motorcycle Event:** NEED TO COORDINATE WITH ARES ON SUPPORT. The Frame Twisters MC will organize a motorcycle event in the Pikes Peak region on Oct 9 2011.
- **Colorado QSO Party,** Saturday September 3, 2011
- **Picnic** – Saturday, August 20th. Tentative locations: Fountain, Bear Creek, Monument Valley Park.

Committee Reports

- **Treasurer's Report - \$9,309.24** – Pam WOPRS had detailed printed copies of the treasures report for anyone requesting copies.
- **Membership Report** – Please update your membership information. Working on modifying and improving membership benefits.
 - o **Badge Orders:** Call sign, name, and the PPRAA logo. \$10.00 for pin back, \$12.00 for magnetic back
- **Contest and Awards Committee Report** – Ten-Ten International update and Quarter Century Wireless Association. There was some discussion about the Summit Award the old chapter had and if we will re-start that award.
- **Possible location for club station** – looking for telephone poles, if anyone knows of any to donate, especially.

Ham Breakfast, Next one is Sandy's 6940 Space Village Ave, Saturday, 2 July 2011, Time is from 8:00-9:30 AM

Thursday night net: Getting great turnout and participation. Doc update #138 tomorrow night 7:00 pm

Scholarship award – we are making progress on putting this together. Foundation A R – see board meeting agenda, To keep a \$1,000 scholarship going we need to have \$30,000 to keep it going. More details to come

Open Positions

- *VE Coordinator – Responsibilities:* This position involves the person setting up the sessions, coordinating the room (currently at Colorado Tech), getting the team set up and notifying the ARRL of scheduled events.

Program – Brian Bledsoe Ch. 11 news – great program

Motion to Adjourn Dick, WØRAA Diana KCØNPP seconded. Adjourned at 9:14pm

NEXT MEETING: WEDNESDAY, 13 JULY 2011.
LOCATION: BROADWAY DELI.

Pikes Peak Ten Ten

Mike WV7T 10X-41660
Chapter Head

The Pikes Peak Ten-Ten chapter meets each Thursday night at 7pm local on 28.390 Mhz +/-.

Ten Ten website: www.ten-ten.org



WE ARE OFFICAL!

Michael,
I am proud to announce that the PIKES PEAK TEN TEN chapter is now an affiliated chapter of the 10-10 International Net, Inc. as of today's date, 29 June 2011, and is privy to all the rights and privileges of an affiliated chapter thereto.

Congratulations and welcome. We heartily welcome your chapter. If I can help in any other way, please call on me. Please let me know when you have appointed/elected a Certificate Manager and/or when you have decided how others, in the 10-10 membership, may join your chapter.

73, Cliff, K5FBS
10-10 Chapter Coordinator

Who would like to work with me to figure out specifics for our chapter?

Mike WV7T
Pikes Peak Ten Ten
Chapter Head

Technical Education



Mike Anderson, WV7T
wv7t@arrrl.net
719-229-8610

***** LICENSE CLASSES *****
2 more General students passed
on their first try!

Presently there is 1 General student.

Classes for Technician and General licenses are being held.
Refer any interested folks to Mike WV7T for information.

Classes for Morse code, electronic theory, practical ham radio skills, and technical instruction available upon request.

For the last few months I have been experimenting with a way to discover 6 meter band openings. At the risk of creating more competition in the DX pileups when they occur, I thought I would share my technique with you. If you have a public service scanner that covers 50-54 MHz and can be put into AM mode, you also have an ideal 6 meter band opening alert device. If it can handle SSB, even better.

What I did was to enter a frequency every 5 KHz starting with 50.100 and ending with 50.160. With this format you will cover the two common calling frequencies 50.110 and 50.125. You will also cover frequencies that get occupied quickly during band openings. Just set your scanner to scan and when you begin to hear noise emerging from it, head for your 6 meter rig.

Give it a try. It works great, especially if you have an outdoor antenna on your scanner.

73, Don KK9H
North Shore radio Club
Highland Park, IL

(I was once the president of the NSRC – Mike)

30 Years Ago Ø-Beat July 1981

July 1981:

Thirty members attended the June meeting at the new location. The club assisted with the Spring Spree in June as a public service event. Bud Libengood KAØLBP will be our new representative to the CCARC. Its next meeting will be in Glenwood Springs on August 1. The club may help with the carrying of the Olympic Torch down from the top of Pikes Peak on July 4th. Charleen Colvin WBØYOB received the Hammy this month for all her assistance. The July program will be on understanding standing wave ratios. The IEEE for Ham Operators will meet at the Denver Hilton on June 17. The club is purchasing crystals for 147.135 for the club's Icom radio. Hams assisting with backup communications at the Black Forest Outhouse Race ended up providing primary communications. Nice article by Frank WBØPAJ describing Voice of America's early operations when he worked for them in Bound Brook NJ. Minutes noted the outstanding program by Bob Shriner WAØUZO of Circuit Board Specialists, who talked about new ham radio designs coming for the 80's. Central States VHF Society meeting coming up in Colorado Springs in August,

with Ray AAØL and Doug WBØMHP coordinating. Who says hams don't want to help? Even with a motion to turn down a public service event due to short notice, the motion was rejected and PPRAA hams helped despite the short notice for the Gazette's 10-Mile Run. Another good article by Ray AAØL about diode and transistor testing using an oscilloscope. The June board meeting was held at the home of Ray and Diane Uberecken who served a fine B-B-Q dinner for all. July program will be on Over-The-Horizon radar by LTC Rock Shute.

JULY CONTESTS

July 2011

[±](#) RAC Canada Day Contest 0000Z-2359Z, Jul 1

[±](#) Venezuelan Ind. Day Contest 0000Z, Jul 2 to 2359Z, Jul 3

[±](#) DL-DX RTTY Contest 1100Z, Jul 2 to 1059Z, Jul 3

[±](#) DARC 10-Meter Digital Contest 1100Z-1700Z, Jul 3

[±](#) 10-10 Int. Spirit of 76 QSO Party 0001Z, Jul 4 to 2400Z, Jul 10

[±](#) RSGB 80m Club Championship, CW 1900Z-2030Z, Jul 4

[±](#) MI QRP July 4th CW Sprint 2300Z, Jul 4 to 0300Z, Jul 5

[±](#) ARS Spartan Sprint 0100Z-0300Z, Jul 5

[±](#) FISTS Summer Sprint 0000Z-0400Z, Jul 9

[±](#) IARU HF World Championship 1200Z, Jul 9 to 1200Z, Jul 10

[±](#) SKCC Weekend Sprint 0000Z-2400Z, Jul 10

± ARCI Summer Homebrew Sprint 2000Z-2359Z, Jul 10

± NAQCC-EU Monthly Sprint 1800Z-2000Z, Jul 11

± RSGB 80m Club Championship, SSB 1900Z-2030Z, Jul 13

± DMC RTTY Contest 1200Z, Jul 16 to 1200Z, Jul 17

± Feld Hell Sprint 1600Z-1800Z, Jul 16

± CQ Worldwide VHF Contest 1800Z, Jul 16 to 2100Z, Jul 17

± North American QSO Party, RTTY 1800Z, Jul 16 to 0600Z, Jul 17

± NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jul 21

± RSGB 80m Club Championship, Data 1900Z-2030Z, Jul 21

± NCCC Sprint Ladder 0230Z-0300Z, Jul 22

± WAB 144 MHz QRO Phone 1000Z-1400Z, Jul 24

± SKCC Sprint 0000Z-0200Z, Jul 27

± NCCC Sprint Ladder 0230Z-0300Z, Jul 29

± US Counties QSO Party 1200Z, Jul 30 to 0600Z, Jul 31 and 1200Z-2359Z, Jul 31

± RSGB IOTA Contest 1200Z, Jul 30 to 1200Z, Jul 31

PPRAA Thursday Evening Net

Please join us for the Thursday Night 10-meter net. We meet at 7:00 PM (Local) on or near **28.390** USB. The goal of the net is for Technicians through Extra class operators to enjoy a weekly on-the-air chat, and experiment with various transmission modes. The outcome of the net has been a surprise to new better understanding of our radios, filter usage, mic gain, transmission line..etc.

We give out 10-10 numbers!

This is a perfect net for an introduction to HF and/or SSB too. The net is informal, just jump in with your call and net control will get you on the list. One thing that is (almost) always is giving a description of you rig, antenna system and approximate location.

Technicians remain operating SSB as do other class operators with SSB only radios. If you are restricted to SSB do not let that bother you as we take that into account even as we jump between modes (AM, FM, DSB, USB).

Hope to hear you Thursdays on the net!

73s

Dan WØRO

A and K Index

The Earth's magnetic field is continuously monitored by a network of magnetometers. These readings are converted into the A and K index values.

The K index is computed once every three hours (eight times a day) and the values can range from 0 to 9, with 0 being inactive, and 9 representing an extreme severe storm condition. The values are quadi-logarithmic.

- K = 0 Inactive
- K = 1 Very quiet
- K = 2 Quiet
- K = 3 Unsettled
- K = 4 Active
- K = 5 Minor storm
- K = 6 Major storm
- K = 7 Severe storm
- K = 8 Very severe storm
- K = 9 Extremely severe storm

The A index is linear, and is computed from the eight previous K index values. It ranges from 0 (quiet) to 400 (severe storm).

- A = 0 - 7 Quiet
- A = 8 - 15 Unsettled
- A = 16 - 29 Active
- A = 30 - 49 Minor storm
- A = 50 - 99 Major storm
- A = 100 - 400 Severe storm

Generally, propagation conditions are best when the A index is 15 or lower, and the K index is 3 or lower.

Besides causing auroral activity, high geomagnetic field conditions can affect the electrons in the ionosphere, reducing the maximum usable freq



MARC July VE Exam

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, July 2nd, in the Community Meeting Room of the Woodland Park Library, 218 East Midland Avenue. The MARC VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html> or contact Wes Wilson (KØHBZ) at k0hbz@arrl.net or call (719) 687-8758.

If attending, please BE SURE to bring the following items to the session:

1. A valid **PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your **SOCIAL SECURITY NUMBER** (now required – this includes children).
3. Your **ORIGINAL amateur radio license** (if any) **AND a PHOTOCOPY** for the VE Team to keep.
4. The **ORIGINAL of any relevant CSCEs** you may have **AND a PHOTOCOPY** for the VE Team to keep.
5. **Cash, Check or Money Order for \$15** (standard ARRL VE Fee). Checks and money orders should be made out to MARC and covers all the different exams you wish to take at the VE session.

MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

For already licensed hams, MARC members should be monitoring the MARC repeater system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in.

73 Wes KØHBZ
Jackie Cornwell ACØCA
POC VE Team
719-632-8254

Dits and Bits

For Sale or Wanted

Have something to sell or trying to find something or just want to see something get to a good home? Send it in to wv7t@arrl.net and see it in Dits and Bits.

FOR SALE

Yaesu FT-897D.

Purchased new June 2006.

Non- smoker.

Has original box....complete....manual, etc.

Condition is 10 of 10.

The only option is the Yaesu FP-30 built-in power supply.

This would be a great rig for a new ham.

HF, VHF, UHF....SSB, CW, FM, Digital, etc.

Priced at \$850

Frank, KFØZ

719-594-9386

fhilligas@msn.com

FOR SALE

Alinco DJ-580 HT Dual band, Dual receive with a Radio Shack Microphone. This also includes a drop in rapid charger, takes about an hour to charge, plus an Alinco Model EDC-34 Ni-CD Battery Charger.

Everything works as it's supposed to. I would like \$140.00 obo. Reason for sale I have three HT's...

Please email me at N0mud@arrl.net or call 719-597-1906"

FOR SALE

Spring cleaning continues!

Yaesu VX-5 \$150.00 Dual band HT. Includes original box, charger, antenna. It has a new battery as the Yaesu one died, no manual but you can download it from Yaesu.com. Manual could be at the Montana location.

Yaesu FT-857 HF Rig \$700.00 includes the optional 300hz and 2.3khz filtering. Radio has minor scratches and is in very good shape. It was not used mobile. Original Box, Mic, power cord, mounting bracket and manual included.

Nye Viking Squeeze key for keyers \$25.00 missing a rubber foot on the bottom. Otherwise in good shape.

(2) Rigblaster Pro \$150 each. Includes cables and manual. No boxes. They are in good shape. Great for contest interfacing, RTTY, PSK etc. These are the older units without USB.

Rigblaster M8 \$50.00 Great for rtty, psk etc. In good shape. No box, no manual.

(2) Astatic D104 mics with the UG8 base. \$60.00 each These are new but I do not have the boxes. They are in very good shape.

I am located near Castle rock. All items can be viewed, tested etc.

I am offering these to locals first before I put them on QTH.com or Ebay.

Mike WØMU

303 548 7222 cell

FOR SALE

MFJ VersaTuner V Model MFJ-989D.. Like new \$275.00

Daiwa CN-801 "H" Type.. Cross Needle SWR & POWER meter.. 1.8-200mhz..
\$75.00

Contact

DEL GIBSON...KC6R
719-510-6781 (COLORADO SPRINGS)
KC6R@Q.COM

FOR SALE

Yaesu FT-857D HF \$625

Butternut HF5B beam \$225

I am asking \$625.00 for the 857. I can demonstrate the 857. I also have a Butternut HF5B-five

band beam antenna. It regularly goes for \$525.00 and I would like to get \$225.

Mike Dassero, N0MUD
n0mud@arrl.net or n0mud@aol.com. Phone 719-597-1906

FOR SALE

I have a friend in Lima, OH who has a lot of stuff to sell. His call is WA8NFY and his name is Jim Sunderland. If interested in any of it, please call me at 520-0288 (Colorado Springs) and I will contact him and you can get together with him as regards shipping, etc. Dick – WØRAA

Listing:

1 – Drake TR-7 HF Transceiver
1 – Drake L-7 Amplifier
1 – Drake NS-7 Speaker
Power Supplies for TR-7 and L-7
2 – CDE Rotators (I don't know model or condition)
1 – Drake W4 Watt Meter
1 – Realistic Mini Weather Radio
1 – Heathkit Mobile Speaker
1 – Uniden 10 band handheld scanner
1 – Field Strength Meter
1 – Clegg 22er FM Radio
1 – Knight P2 SWR/PWR Meter
1 – Eico Signal Generator
1 – Knight Grid Dip Meter
Misc. coax connectors
Misc. microphones
Misc. Hustler Antennas & Coils
1 – Heath SB-630 SWR/Phone Patch
1 – Heath SB 610 Monitor Scope
1 – Dentron MT2000A Antenna Tuner
1 – MFJ-941 Versa Tuner
1 – Siltronix FC-1
1 – Regency HR-2A 2 meter Trcvr
1 – National 62 6 & 2 VFO
1 – Info Tech M-500 ASR RTTY
1 – Motorola 800 6 Mtr FM
1 – R392 HF Surplus Rcvr w/power supply
1 – TA33 w/40 mtr Kit
1 – Hustler 4-BTV (40-10) Vertical
1 – Heath Cantenna 50 Ohm Dummy Load
1 – Bearcat 210 Scanner
1 – Cordless Phone
Misc Tubes
Teletype Parts

All reasonable offers will be considered.

FOR SALE

MFJ-989D 1500 WATT ANTENNA TUNER...
ALL FREQUENCIES 1.8 TO 30MHZ.. MARS/WARC

ALSO..

ROLLER INDUCTOR, PEAK/AVG WATTMETER, 4:1
BALUN,
300 WATT DUMMY LOAD BUILT IN..

IS LIKE NEW ...\$275.00 PLUS SHIPPING IF
NEEDED....

DEL GIBSON-- KC6R
719-510-6781

WANTED

Aluminum tubing, coax, hose clamps, wire
insulators. For new ham antenna classes.
Mike WV7T
wv7t@arrl.net

WANTED

6' x 2" H.D. Steel Pipe
Virgil NØXRS
VPYPST@comcast.net
719-314-5354

ROCKY MOUNTAIN CONVENTION

In less than two months a real treat will await you in Taos, New Mexico, just a short drive south of the Colorado Springs area. I personally invite you to enjoy the 2011 ARRL Rocky Mountain Division Convention on August 5-7. I can't describe in detail all that's being planned without taking up too many pages, so please look for the event's flyer below.

I'm writing to pass along an idea: the 2011 ARRL Rocky Mountain Division convention is a PERFECT club activity. Just like participating in Field Day or club meetings together, there's nothing like attending a great ham radio event like the Convention as a club and as a bunch of friends. Fill a bunch of cars up and carpool (even caravan!) down to Taos for a super weekend. Share comfortable rooms at the Convention venue. Doing so will

result in a far cheaper weekend than if anyone were to travel down by themselves. And what fun is going alone when you can enjoy the Convention in the great company of other PPRAA members?

Please mark your calendars for August 5-7 and head over to the Convention website (www.2011Convention.org) for oodles of details. If you register to attend before May 31 you'll be eligible for the early registration prize: An Icom IC-2200H 2-meter, 65-watt, mobile transceiver. Also, the first 300 Adult Convention Attendee registrants will receive a FREE commemorative 2011 ARRL Rocky Mountain Division Convention pint glass for your favorite drinks and beverages. Check out the Convention website for a sneak peak of what this neat glass will look like.

Please help us spread the word to all the Hams you know. We look forward to PPRAA and other hams in your area joining us in gorgeous Taos, New Mexico this August!

73,
Brian Mileschosky N5ZGT
Convention website: www.2011Convention.org



How did you feel today?

**2011 ARRL Rocky Mountain Division Convention**
Sagebrush Inn & Convention Center • Taos, New Mexico
August 5-7, 2011 • (Re)Discovering the Thrill of Ham Radio
www.2011Convention.org

A Hamfest like none other.

Whether you are a new or long-time ham; whether your interests are chatting on the repeaters, chasing DX, emergency communications, QRP, contesting, club activities, technical experimentation, digital modes, or anything else...don't miss one of the most action-packed ham radio events that will be attended by hundreds of Hams from across the Division -- composed of Colorado, New Mexico, Utah, and Wyoming -- and from across the country.

The Special Guests.

Notable ham guests, anxious to meet you, will be present. They will give incredible and inspirational addresses before those attending the Friday night meet & greet, Saturday luncheon, Saturday dinner banquet, and Sunday breakfast buffet.



Riley Hollingsworth K4ZDH
Retired FCC Special Counsel,
Enforcement Bureau, and
QCWA member



Chip Margelli K7JA
DXpeditioner and star of
the famous Jay Leno "CW
vs Texting" competition.



Rick Roderick K8UR
ARRL Vice President and
perhaps the loudest, most
powerful signal in the world!



Dan Henderson N1ND
ARRL Regulatory
Information Manager
and Field Day Manager

The Opportunities to Buy/Sell/Trade.

Hams from across New Mexico, Colorado, Utah, and Wyoming will be selling their gear from indoor tables as well as from as many as 60+ outdoor tailgate spaces. Great deals will be found everywhere, for both buyers and sellers alike.



The Manufacturers and Exhibitors.

Numerous major manufacturers and exhibitors will be present, showing off their latest and greatest offerings to the ham community and selling brand-new equipment including:



Rev: 24may2011

www.2011Convention.org

The Fun Competitions.

Club newsletter and website competitions, individual QSL card competitions, homebrew challenges, antenna shootouts, high speed CW copying contest, QLF contests, CW pileup contest, transmitter hunts, and others.

The Mealtime Gatherings.

Super fun -- and super affordable -- meals throughout the weekend with special guest speakers and prizes at each. Join hams from across the Division at the Friday evening meet & greet with hors d'oeuvres, Saturday luncheon, Saturday evening dinner banquet, and Sunday morning breakfast. See website (www.2011Convention.org) for details.

The Forums.

As many as 30 technical and non-technical forums are being planned on a wide variety of ham radio topics -- including a track of 8 forums devoted specifically (each!) to the ARES, QRP, and DX/Contesting communities.

The Prizes.

An incredible lineup of prizes will await you: HF, VHF and UHF transceivers and accessories plus doorprizes, prize raffles for attendees of each forum; prizes for those attending the event's meals; prizes for winners of the various competitions; and more. Did we mention prizes?

The Special Event Station -- W1AW/5.

Operate from an incredible special event station using the most recognized callsign in the world, specially authorized to be on the air from the 2011 ARRL Rocky Mountain Division Convention. Have you ever been on the "other" side of a pileup before? Here is your chance.

The Unique and Memorable Activities.

Satellite QSO demonstrations, a possible high-altitude balloon launch, midnight Wouff Hong ceremony, nightly star party with amateur astronomers and telescopes aimed at the sky, possible onsite BSA Radio merit badge class, possible onsite National Weather Service Skywarn certification class, VE exams to pass your first license or upgrade to your next, and more.

The Perfect Time for your Spouse and Family.

In addition to a relaxing weekend in the cool New Mexico mountains at a superb Convention hotel venue, your spouse and family members can enjoy planned activities just for them, which may include: A tour of the Rio Grande Gorge Bridge (5th highest bridge in the nation); a breath-taking ski-lift ride to the top of Taos Ski Resort for lunch (at 12,481 Feet ASL); shopping at the historic Taos Plaza; a trip to the ancient Taos Pueblo; and a tour of the Angel Fire Vietnam Memorial which inspired the memorial in Washington, DC. Shuttles may be provide to/from each activity for your spouse and family members' ease and convenience.

Don't miss an incredible Convention! A perfect Club activity.

Register conveniently & securely online or via paper registration (www.2011Convention.org). Adult Convention attendance \$17. Youth under 17 FREE. Guests with limited Convention access FREE; outdoor tailgate spaces \$5 each; indoor tables \$20 each; bargain banquet style meal prices vary. Special low room and RV parking rates for Convention attendees available. Register by May 31 to be eligible for Icom IC-2200H mobile radio drawing.

Rev: 24may2011

Membership Application
Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521, Colorado Springs, Colorado 80935

Date: _____ ☐ New Membership ☐ Renewal

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Call: _____ License Class: _____ Telephone: _____

Additional Name: _____ Call _____ Class _____ ARRL mbr? ☐ Yes ☐ No

Additional Name: _____ Call _____ Class _____ ARRL mbr? ☐ Yes ☐ No

Additional Name: _____ Call _____ Class _____ ARRL mbr? ☐ Yes ☐ No

E-mail address: _____

Do you want your newsletter delivered via e-mail in PDF Format? _____ ☐ Yes ☐ No

Are you an ARRL member? ☐ Yes ☐ No

One year membership rates, prorated, January through December:
 (See schedule at bottom)

- | | |
|--|---|
| <input type="checkbox"/> Full Member - \$15.00 | <input type="checkbox"/> Family Membership (same address) - \$18.00 |
| <input type="checkbox"/> Full Member over 65 - \$10.00 | <input type="checkbox"/> Family Membership (both over 65) - \$12.00 |
| <input type="checkbox"/> Associate Member - \$12.00 | <input type="checkbox"/> Newsletter only \$12.00 |

Please check activities for which you would volunteer:

- ☐ Field Day ☐ Hamfest ☐ Hospitality ☐ Public Relations
☐ RFI Committee ☐ Radio demonstrations
☐ On-Air Nets/Roundtables ☐ Teach potential hams about ham radio (Elmering)
☐ Special Event Communications (walks, foot races, bicycle races, etc.)

Your Interests:

- ☐ HF ☐ VHF/UHF ☐ Contests ☐ Technical ☐ FM ☐ SSB ☐ Pub Svc/Emergency Comm
☐ Digital ☐ DX ☐ Hardware ☐ _____ ☐ _____ ☐ _____

	Jan- Mar	Apr-June	Jul-Sep	Oct-Dec
Full:	\$15.00	\$11.25	\$7.50	\$3.75
Family:	\$18.00	\$13.50	\$9.00	\$4.50
Senior:	\$10.00	\$7.50	\$5.00	\$2.50
Sr Fam:	\$12.00	\$9.00	\$6.00	\$3.00
Associate:	\$12.00	\$9.00	\$6.00	\$3.00

Please Note: You must submit a completed application form along with your check to the Treasurer for both new members as well as renewals. Thank you. PLEASE TYPE OR PRINT CLEARLY!

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

To: