



VOLUME 60 ISSUE 6

June 2010



The **ARRL Field Day** is one of the most popular on-the-air events held yearly. Each year clubs, friends, or just by themselves, hams go on the air to test their operational prowess, station capabilities, an excuse to go camping (don't tell the wife unless she is going also), or just to have fun operating.

ARRL Field Day is not a real contest, although some folks treat it as one which explains much of its popularity. It is a time where many aspects of Ham Radio come together to show our many abilities. Many groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to local elected community leaders and key individuals with the service organizations that Ham Radio might serve in an emergency, as well as the general public.

June Ham Breakfast

NEW LOCATION

June 5th Broadway Deli

7170 N. Academy Boulevard

8:00 am - 9:30 am

June Club Meeting

The club meeting will be on June 9th (second Wednesday in June, at 7 pm at Panera Bread on the NE corner of Powers and S. Carefree.

PPRAA Club Officers

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

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

PPRAA Club Meeting May 12, 2010

President Doug Nielsen N7LEM called the meeting to order at 7:05 PM at Panera Bread, followed by introductions around the room.

Introductions around the room Welcome to the new members and new potential hams.

Silent Keys: None.

Minutes: Mike, WV7T moved and John, KDØJFH seconded that the April meeting's minutes be approved as published in the Zero Beat. Passed
Treasurer's Report: Pam Scott reported that we had \$8,458 total balance in our three accounts as of 30 April 2010.

Field Day –Antenna building in May 15th at 8:00 am at Monument Fire Station

Dan, WØRO and Doug, N7LEM explained the Moxon antenna. This is one antenna that they plan to build on Saturday. The plan for Field Day is to use only non-commercial antennas

MegaFest 2010 – planning meeting was last Saturday, need volunteer for talk-in, and to get more door prizes.

6 forums confirmed; a few other forums are pending; fliers available to hand out or hang on bulletin boards around town. A discount is available for overnight stay at Sundance Mountain Lodge. We're checking on other discounts for restaurants in the area more info to follow.

COQP contest report –Saturday, September 4th need more counties filled, see website for details
Thursday Night Net - Every Thursday night, 7PM, Doc's Glow Net on 28.390 MHz USB. See www.ppraa.org for details. Modes are changed during the evening for experimentation purposes. AM, FM, and sideband modes are used. He has held 83 meetings thus far.

Tech Ed - Mike WV7T has training materials for Tech license exam and can also provide some limited individual tutoring. Mike can also help with soldering antennas, and troubleshooting, etc.

VE Testing – next club sponsored test is June 12th at Colorado Tech University see the website for more details

New Business – Colorado FM Sprint June 13th coincides with ARRL's VHF QSO party

Monthly ham breakfast – will start moving around – June 5th 8:00 am at Broadway Deli at 7170 N. Academy Blvd near Home Depot

Door prizes – VX3R won by KL7YY, heat shrink tubing won by KDØKQL, Anderson PowerPole power strip won by Harlan, WØYP

Program – RF grounding

Next Club Meeting: The next regular club meeting will be the second Wednesday, 7 PM, June 9th, 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

Next Board Meeting: 7 PM, Monday before club meeting, June 7th Daniel's Taco Shop near Peterson AFB

The meeting was adjourned at 9:00pm

Submitted by:

Dan Scott WØRO

PPRAA Secretary

May Board Meeting

10 May 2010

Call to Order – 7:00

Those in attendance were Mike and Rhoda Anderson, Doug Nielsen, Gordon Dixon, Dan and Pam Scott.

Approval of the April board meeting minutes – approved Mike (WV7T), second by Dan (WØRO)

Reports

Treasurer's Report – we have \$8,458 in the 3 accounts

Field Day 2010 (June 26-27) –we're providing the GOTA station, and an HF station

Weekend Antenna Build (May 15)
starts at 8:00 at Fire station #1

MegaFest 2010 (July 17) - we've got 6 forums set up so far and have a few other pending. New quarter-page fliers are ready and may be handed out at various locations. Full size fliers were sent to Valley Ham Shack in Loveland.

COQP (Sept 4) We got \$400 for plaques sponsorship from CCARC
Ken Anderson helped promote the QSO party at the MHDXA meeting, need a few more counties filled. Doug to update the map

Unfinished Business

CO Worked All Counties Award – need to revisit this and get it finalized

New Business – breakfast meeting change – consensus is to start moving around – next breakfast June 5th Broadway Deli, 7170 N. Academy Boulevard

FM Sprint – new contest June 13th, working 2m, 220, and 440, this coincides with another contest on the same date.

Around the table –

Colorado YLs in August –

June 6th or 20th fox hunting

CCARC – it was mentioned at the meeting last week that they have a new place on their website for club spotlights

Next board meeting: Monday, 7 June 2010.
Location: Daniel's Taco

Adjourn

Technical Education



Mike Anderson, WV7T

wv7t@arrrl.net

719-229-8610

The new Technician License question pool exams will begin use July 2010

License and code tutoring. Electronic theory.
Technical instruction upon request.

Need help getting your ticket or upgrading, give
Mike a call.

Site for Technician and General Class
PowerPoints: www.rtsi.com/~HRInstructor

TECHNICAL CLASSES THIS SUMMER

Workshops will be
available on soldering,
assembling, building station
accessories, and
other topics. If you are
interested e-mail to
ww7t@arrl.net.

Megafest Planning Meeting

Next planning meeting is scheduled for June 12th.
All planning meetings are scheduled for Noon, the
2nd Saturday of each month. The location is the
Colorado Springs Police Department, Stetson Hills.
This is where the PPRAA board meetings are held
and relatively close to our normal meeting location
at Panera Bread.

JUNE CONTESTS

June 2010

NCCC Sprint Ladder 0230Z-0300Z, Jun 4
DigiFest 0400Z-1200Z, Jun 5 and 2000Z, Jun 5 to
0400Z, Jun 6 and 1200Z-2000Z, Jun 6
Wake-Up! QRP Sprint 0600Z-0629Z, Jun 5 and
0630Z-0659Z, Jun 5 and 0700Z-0729Z, Jun 5 and
0730Z-0800Z, Jun 5
UKSMG Summer Contest 1200Z, Jun 5 to 1200Z,
Jun 6
SEANET Contest 1200Z, Jun 5 to 1200Z, Jun 6
IARU Region 1 Field Day, CW 1500Z, Jun 5 to
1459Z, Jun 6
RSGB National Field Day 1500Z, Jun 5 to 1500Z,
Jun 6
Alabama QSO Party 1600Z, Jun 5 to 0400Z, Jun 6
DARC 10-Meter Digital Contest 1100Z-1700Z, Jun
6
RSGB 80m Club Championship, Data 1900Z-
2030Z, Jun 7
ARS Spartan Sprint 0100Z-0300Z, Jun 8
NAQCC Straight Key/Bug Sprint 0030Z-0230Z,
Jun 9
CWops Mini-CWT Test 1100Z-1200Z, Jun 9 and
1900Z-2000Z, Jun 9 and 0300Z-0400Z, Jun 10
NCCC Sprint Ladder 0230Z-0300Z, Jun 11
Portugal Day Contest 0000Z-2400Z, Jun 12
Bill Windle QSO Party 0000Z-2359Z, Jun 12
VK Shires Contest 0600Z, Jun 12 to 0600Z, Jun 13
DRCG Long Distance Contest, RTTY 0800Z-
1559Z, Jun 12 and 0000Z-0759Z, Jun 13 and
1600Z-2359Z, Jun 13
VK/Trans-Tasman 160m Contest, Phone 0800Z-
1400Z, Jun 12
Asia-Pacific Sprint, SSB 1100Z-1300Z, Jun 12
GACW WWSA CW DX Contest 1500Z, Jun 12 to
1500Z, Jun 13
REF DDFM 6m Contest 1600Z, Jun 12 to 1600Z,
Jun 13
ARRL June VHF QSO Party 1800Z, Jun 12 to
0300Z, Jun 14
BARTG Sprint 75 2000Z-2359Z, Jun 12
SKCC Weekend Sprint 0000Z-2400Z, Jun 13
WAB 50 MHz Phone 0900Z-1500Z, Jun 13
SARL Youth Day Sprint 0900Z-1000Z, Jun 16
RSGB 80m Club Championship, CW 1900Z-
2030Z, Jun 16
NCCC Sprint Ladder 0230Z-0300Z, Jun 18
SMIRK Contest 0000Z, Jun 19 to 2400Z, Jun 20 \pm
All Asian DX Contest, CW 0000Z, Jun 19 to
2400Z, Jun 20
AGCW VHF/UHF Contest 1400Z-1659Z, Jun 19
(144) and 1700Z-1759Z, Jun 19 (432)

West Virginia QSO Party 1600Z, Jun 19 to 0200Z, Jun 20
Kid's Day Contest 1800Z-2400Z, Jun 19
Feld Hell Sprint 2000Z-2200Z, Jun 19
Run for the Bacon QRP Contest 0100Z-0300Z, Jun 21
SKCC Sprint 0000Z-0200Z, Jun 23
RSGB 80m Club Championship, SSB 1900Z-2030Z, Jun 24
Ukrainian DX DIGI Contest 1200Z, Jun 26 to 1200Z, Jun 27
His Maj. King of Spain Contest, SSB 1200Z, Jun 26 to 1200Z, Jun 27
Marconi Memorial HF Contest 1400Z, Jun 26 to 1400Z, Jun 27
ARCI Milliwatt Field Day 1800Z, Jun 26 to 2100Z, Jun 27
ARRL Field Day 1800Z, Jun 26 to 2100Z, Jun 27
SARL Digital Contest 1300Z-1600Z, Jun 27

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 old old-timers alike, we has all come away with a better understanding of our radios, filter usage, mic gain, transmission line, ...etc.

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, LSB).

Hope to hear you Thursdays on the net!

73s

Dan WØRO



PPRAA JUNE VE SESSION

The Pikes Peak Radio Amateur Association (PPRAA) VE Team will be conducting a VE session at 9:00 a.m. on Saturday, June 12th, 2010 in the room 101 at Colorado Technical University (CTU) located at 4435 N. Chestnut St. Colorado Springs, CO 80907. The PPRAA 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 CTU is available at the PPRAA web site at

<http://www.ppraa.org> or you may contact Jackie Cornwell ACØCA at jcornwell@peoplepc.com or by calling 719-632-8254.

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. Checks and money orders should be made out to **ARRL/VEC** and will cover all the exams you wish to take at the VE session.

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

73 as always...

Jackie Cornwell ACØCA

PPRAA VE Contact

719-632-8254

Dits and Bits

For Sale or Wanted

FOR SALE:

Kenwood TS-50S Transceiver:

- a: 160 - 10 meters
- b: USB, LSB / CW / AM / FM
- c: Power (SSB,CW,FM) 10W, 50W, 100W
- d: Power (AM) 5.5W, 17W, 25W
- e. Noise Blanker, RIT, SCAN, 100 Memory Channels, F.Lock, Split, A/B VFO
- f. Only needs standard 20 Amp P/S on Transmit

AT-50 Auto Tuner

- a: Tunes 1.8 to 29.7 MHz
- b: Inter-connecting cable for TS-50S

Includes: Kenwood Up/Down Mic with 4 programmable buttons, Power cable

TS-50S Instruction Manual
AT-50 Instruction Manual
Schematic Diagram
Technical Bulletins

I do not have a mobile mounting bracket or the original box. This radio has excellent audio and clean CW.

Price: \$450.00 Plus Shipping if not sold locally. I will demonstrate it or set up a sked for potential buyers to hear it on the air.

Contact: Dick Thompson, W0RAA
dickt at w0raa.com
719-520-0288 = 8 a.m. - 10 p.m.

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.

Colorado QSO Party!

1200Z September 4—0400Z September 5, 2010

Join other stations on the air *Saturday, September 4th* and work to contact hams in Colorado's 64 counties! Operate CW, Phone, Digital, or any combination on all HF contesting bands, VHF, and UHF. Mark your calendars now and join us on the air in September!

Details at:

www.ppraa.org/coqp

- Rules
- Logging Software
- Award Categories
- County Activation Plans
- Latest News



Ø Beat is always looking for interesting articles and pictures.



Pikes Peak Radio Amateur Association, Inc.



PPRAA HAM RADIO MEGAFEST

➡ Saturday, July 17th, 2010 ⬅

8 AM to 1 PM Lewis-Palmer High School
1300 Higby Rd., Monument, CO 80132; East of I-25, Exit 158 or 161
Vendor Setup at 6 AM — Ticket Sales Open at 7:30 AM
Talk In: 146.970 MHz (-) 100 Hz Tone

Need to stay overnight? Discount available at Sundance Mountain Lodge
www.SundanceMountainLodge.com
719-481-6000

HAM RADIO RAFFLE!

One Raffle Ticket Included with Admission
Additional Tickets: \$1 Each, 6 for \$5, 15 for \$10, 40 for \$20

Drawing at Noon, July 17th, 2010.
Raffle prize winners need not be present to win.

Elecraft K3-100

HF/50MHz All-Mode Transceiver w/DSP

Flex-Radio SDR-3000

HF/50MHz All-Mode Transceiver w/DSP, Automatic
Antenna Tuner



IC-880H

D-STAR 144/440MHz Digital/FM Mobile

Generously donated by the Cheyenne
Mountain Repeater Group, Inc.

Icom IC-92AD

D-STAR 144/440 MHz Digital/FM 5W HT

Raffle License #2010-02023
Pikes Peak Radio Amateur Association, Inc.
P. O. Box 16521 Colorado Springs, CO 80935

Scheduled Activities:

- License Testing at 10 AM
- Forums
- Hourly Door Prizes
- Final door prize at 11:30 Yaesu VX-3R HT
- Door prize winners must be present to win

6-foot Table Rentals Available

See registration form on back
\$12 in Advance—\$17 day of Megafest
Rental Does NOT Include Admission
One chair provided with each table

Packets will be ready at the door at 6:00 AM.
No Friday night setup available.
Advance registrations must be received by July 10

For latest info: www.ppraa.org



Advance Table Reservation Form Due By July 10

Name _____

Address _____

City _____ St _____ ZIP _____

Phone (__) _____ Call Sign _____

Email _____

☐ I would like AC power at my table (limited availability)

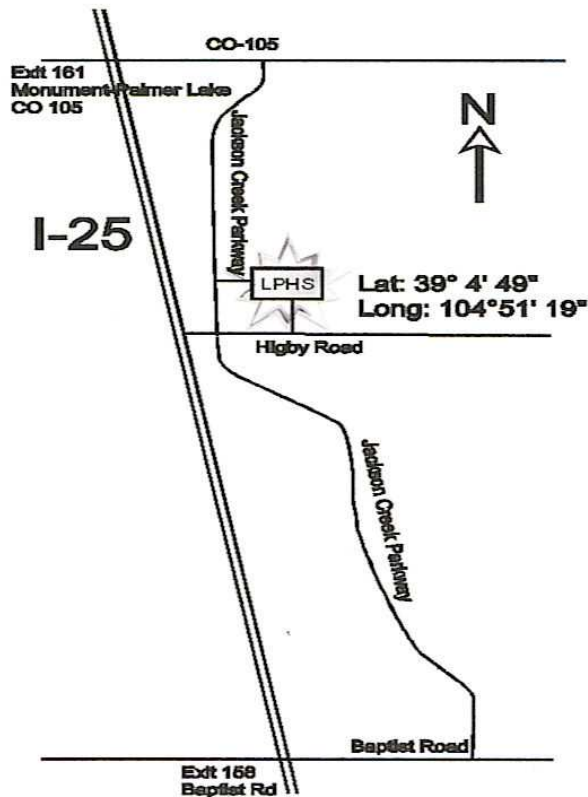
Number of Tables: @ \$12 each = \$ _____

Admission Tickets: @ \$5 each = \$ _____

Total Enclosed: \$ _____

☐ Check box for registration confirmation via email

Make checks payable to PPRAA



MEMBERSHIP APPLICATION

All memberships are up for renewal at the end of the year. If you haven't renewed your membership yet, please use the form at the bottom of this page and fill out all the appropriate information so that the Membership Committee can update the records. Include your family so they can share the value and the fun. If you know someone interested in joining, make a copy for them or have them visit PPRAA on the web and download a copy of the PDF file at www.ppraa.org.

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	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"/>		
Name: _____	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"/>		
Address: _____	Donation to Club: \$ _____		
City _____ State: _____ Zip: _____	Total Enclosed: \$ _____		
Call: _____ Class: N T + G A E Phone: _____	<div style="text-align: center; border: 1px solid black; padding: 5px; margin: 10px 0;"> MAKE ALL CHECKS PAYABLE TO "PPRAA" </div>		
Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No Email: _____			
Additional Family Members to Join/Renew			
Name: _____ Call: _____ Class: _____ ARRL? _____			
Name: _____ Call: _____ Class: _____ ARRL? _____			
Name: _____ Call: _____ Class: _____ ARRL? _____			
<i>The O-Beat</i> monthly club newsletter is available at WWW.PPRAA.ORG .			
Circle your interests <input type="checkbox"/> HF <input type="checkbox"/> V/UHF <input type="checkbox"/> FM <input type="checkbox"/> SSB <input type="checkbox"/> Digital <input type="checkbox"/> DX <input type="checkbox"/> Contests <input type="checkbox"/> Technical <input type="checkbox"/> Hardware <input type="checkbox"/> Other			
New and renewing members must submit a completed application form along with your check to the Treasurer.			
Please Type or Print Clearly!			

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

To: