



VOLUME 61 ISSUE 2

February 2011

## 1<sup>st</sup> Place CQ World Wide WPX Contest!



Anna, WØANT holding her CQ World Wide WPX Contest award. She placed in the North America division for 1st Place Low Power SSB single Operator Assisted - 10 Meters. She also received #13 World plaque And she was a Technician at the time. Anna is 9-years old and I'd say she is setting the bar for the rest of us!

## February Ham Breakfast

### LOCATION

## A Second Cup

13860 Gleneagle Drive  
Saturday, 5 February 2011  
Time is from 8:00-9:30

### Come on Out

## February Club Meeting

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

## 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](mailto:boardmembers@ppraa.org)

### QSL cards-Roll your own.

I wanted a custom QSL card so I designed this card on my computer and had 200 cards printed for \$7.50 at Documart. They even cut the cards to size.



# WV7T-QRP

Mike Anderson

Chief Petty Officer, USN, RET.

Tin-Can Sailor

ex- WNØEQM, WBØLEY, 9H3GA



EL PASO COUNTY  
GRID SQUARE DM-78  
CQ Zone 4 ITU Zone 7

Power \_\_\_\_ watts

QRP

CALL \_\_\_\_

DXCC-WAC-WAS (RTTY/PSK)

DATE \_\_\_\_

TIME \_\_\_\_ UTC

\_\_\_\_FT-920 \_\_\_\_FT-817

BAND \_\_\_\_m RST \_\_\_\_

\_\_\_\_3 ele beam \_\_\_\_100 ft wire

MODE \_\_\_\_ QSL \_\_\_\_

MFJ 969 tuner

510 West Polk Street

Colorado Springs,

Colorado

80907-6019

wv7t@arrl.net

## Welcome new members:

Donnie Schexnayder, KDØJYV

Richard Russel, ACØUB

Douglas Hagerman, WØUHU

Returning Members

## Welcome back!

Rob Roller, N7LV & Dorothy Roller,  
KCØBSY

Jerry VerDuft, ADØA & Joanie VerDuft,  
KCØGMI

Ted Allison, NØNKG

Charles Barnett, KC7IWY

## PPRAA January Board Meeting

10 January 2011

Call to order 6:58 pm

Approval of the December board meeting minutes Gordon Dixon, KDØFKF moved to approve the minutes as posted in the ØBeat. Mike Anderson, WV7T, seconded. Approved.

#### Reports

Treasurer's Report - Pam Scott, WØPRS reported that we have \$8,291.71 as of December 31, 2010.

#### Unfinished Business

- Awards - Plaque Orders – Has everything shipped? Yes, one came back as undeliverable and it has been recent.
- Library Display (June)
- Possible location for club station – Update? Do we proceed? Dan says it pretty cool. Michael, Doug and Dan went to visit. We may have a portion of the barn. Nothing has been finalized yet.
  - Advantages – Highly customizable, allows for very flexible antenna deployment. Other advantages? Plenty of room
  - Disadvantages – Very remote. Not suitable for a meeting location or testing location. Other disadvantages?
- Megafest – prizes have been acquired or will be received this week. Dan (WØRO) and Pam (WØPRS) to be heading to Loveland to sell raffle tickets on Saturday, January 15<sup>th</sup>
- CMRG radio and raffle tickets is to be in this week. CMRG to get a free table. Presenters in the next few months to get a table free or free membership (this was decided at a prior board meeting.)
- Website – Update? Doug not here to ask

#### New Business

Board Meeting location – Is Daniels Taco Shop still ok? Should we rotate? I'm okay with it just thought I would ask the question. Keep here for February then look to switch to a new location for March.

Membership – Membership form update – People wanted to keep the free membership certificates so we should add a section for VE liaison signature and free membership check box to our standard membership form.

- Galen needs sales tax ID information

#### By-laws review

Working on a rewrite of several sections. Will present at next Board meeting for approval and then bring before the membership

February is Brian Bledsoe the weather guy will be the guest speaker

March program – How to sign up for Logbook of the World - Dan & Pam Scott will be the speakers

#### Open Committees

VE Liaison – Jackie is stepping down we need to find a replacement ASAP. 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.

Articles for ØBeat – I received some good comments on the article from the members. I highly recommend that all of you participate.

#### Around the table

John had a question on the Zero Beat. How to download other than zip. Can we have a PDF file as well so you don't have to download and unzip? Are we still mailing copies to those that don't have internet access?

Dan asked when we need to get megafest

meetings setup - can we do this before the regular meetings? Can we get a table map for the website? And can we assign tables to early registrants instead of just letting them choose a table when they come in.

Mike Anderson, WV7T, commented that the classes are going good, one student is ready for test. Several others are close. Mike will be requesting a special test session.

Adjourn 7:42

NEXT BOARD MEETING: MONDAY, 7  
FEBRUARY 2011. LOCATION: DANIEL'S  
TACO SHOP.

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## PPRAA Club Meeting

January 12. 2011

Galen, AGØA called the meeting to order at 7:00 PM at Panera Bread, followed by introductions around the room.

**Silent Keys:** (one person was mentioned, but I don't recall who it was) (was it Ross NØZA from Denver area or someone in from Colorado Springs? I never caught the name as I'm not sure anyone really knew.)

**Minutes** Dan moved and Doug Nielsen seconded that the November meeting minutes be approved as published in the Zero Beat. (no minutes taken at Christmas Party) The motion was approved by a majority vote.

**Treasurer's Report:** Pam Scott, WØPRS, reported that we had \$8,291.71 total balance in our three accounts as of 31 December 2010.

**Megafest 2011** – Date has been set as July 16<sup>th</sup> at Lewis Palmer High School. Raffle prizes have been purchased:

- Flex Radio 5000
- \$1,000 HRO gift certificate
- Icom ID-880H (donated by CMRG)
- \$500 Best Buy gift card
- Buddipole Deluxe package
- Yaesu 60R HT

We will be selling tickets at the hamfests in Colorado this spring, anyone wishing to help out

with this please contact Dan Scott, WØRO. Next hamfest is February 13th (Aurora Repeater Association, Brighton, CO).

**AMSAT** we are trying to get the new member involved with AMSAT to help us get a AMSAT group started. This would be a weekend or evening activity. Dan (WØRO) asked if there was interest and it appeared that there was plenty of interest.

**Colorado QSO party** – Doug Nielsen updated and handed out plaques and certificates. Those in attendance at the meeting receiving awards were:

Mike Anderson - digital - 1st QRP

Dick Thompson

- PPRAA SK Memorial Award (Sponsored by Frank Drake, KL7IPV)  
Highest PPRAA Member Score and is in memory of the PPRAA SK members.
- 1st digital - low power single-op
- 2nd mixed - low power single op

Dan and Pam Scott - 1st team Phone - Low Power multi op, single station (Sponsored by Waterton Amateur Radio Society)

**Field Day 2011** – This will be held June 24-26. Location: TBD. Michael Derbort, KCØELG asking for volunteers to chair the Field Day committee.

**Library display at Briargate public library** – we have the display for the month of June 2011.

**Club station** – Doug (N7LEM), Michael (KCØELG), and Dan (WØRO) visited the potential site. Doug talked about the location - 40 acres out 4 miles past Shriever AFA. Possibly have use of part of the barn, flat land. Owner will be putting down foundation soon. Doug suggested that we trade helping build walls and other manpower activities, to help the property owner. This site could be a location for field day.

**Ham breakfasts** – last one was held at Black Bear Diner. We had 2 new members join us. The next one will be February 5<sup>th</sup> at A Second Cup, 13860 Gleneagle Dr. Check the website for more details and future locations.

**Tech Ed** – next VE session the club is sponsoring

is February 12th at 10:00 am at Colorado Tech University. More details are on the website. We need a representative to be the liaison with the club and ARRL and VE examiners. Mike Anderson, WV7T has one student ready for his test and a few others are getting close. 2 technicians and 6 generals.

Doc's 10 meter net 7:00 pm 28.390 #118 tomorrow, The net has had good participation over the last 2 years and continues to be a strong addition to the club.

Forums - Stephen Dalfollo-Daly get them going better. He is reducing the number for Forums which should help the forums become more active. We get a lot of people joining the forums and we need more people to look at them and make comments.

### **Program – Home brew**

Doug, W0MHP. presented two items:

- A cable, coax, and ground entry system for RVing. This was an add-on, lockable panel to the utility section of the RV. It provided a common ground "Window", wiring areas for line, battery, and/or generator power. When installed on the RV it was constructed to guarantee that it would not be flapping around.
- A common mode choke pig-tail he uses for his RVing. He explained the concept of the common choke and how and why it helps with tuning antennas, as well as explaining how it lowers the noise floor.

Dan, WØRO presented 3 items:

- A 2 meter beam Dan and Pam, WØPRS, constructed for transmitter hunting and that this tape measure antenna worked surprisingly well for transmission too. Of course as he was talking about it and putting the pieces together he put the Reflector in front of the director and that got some chuckles. He also answered questions about the matching system used to get it the 200 ohms beam to match the 50 ohms coax.
- The construction of the Moxon used at Field Day this last year. Doug, N7LEM relayed his experience using it on the GOTA station. Excellent directionality and a good front-to-back ratio.

- Dan then talked about converting the Moxon to a Hex Beam. K5BOB who is the Hex Beam guy that came to the Megafest last year and will be coming again this year, modified the hex beam hub he sells to match the fiberglass parts Dan already has. With the hub, the Moxon was easily converted to a 5 band hex beam. Unlike the Moxon, Dan and Pam found the hex to be very light weight and portable. Dan and Pam were able to push this up using fiberglass camouflage poles with very little issue and used it during COQP.

**Next Board Meeting:** 7 PM, Monday, February 7th  
Daniel's Taco Shop

**Next Club Meeting:** The next club meeting will be February 9th.

Submitted by: Dan Scott, WØRO

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## **Technical Education**



**Mike Anderson, WV7T**  
[wv7t@arrrl.net](mailto:wv7t@arrrl.net)  
719-229-8610

### **\*\*\*LICENSE CLASSES\*\*\***

**Classes for Technician and General licenses are being held.**  
**Contact Mike WV7T for information.**

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

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Site for General Class PowerPoints:

[www.rtsi.com/~HRInstructor](http://www.rtsi.com/~HRInstructor)

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## TECHNICAL CLASSES

**Workshops** are  
available on soldering,  
assembling, building station  
accessories, and  
other topics. If you are  
interested e-mail to

[wv7t@arrrl.net](mailto:wv7t@arrrl.net)

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## FEBRUARY CONTESTS

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### February 2011

QRP Fox Hunt 0200Z-0330Z, Feb 2

QRP Fox Hunt 0200Z-0330Z, Feb 4

NCCC Sprint Ladder 0230Z-0300Z, Feb 4

YL-ISSB QSO Party, CW 0000Z, Feb 5 to  
2359Z, Feb 6

**Vermont QSO Party** 0000Z, Feb 5 to 2400Z,  
Feb 6

**10-10 Int. Winter Contest**, SSB 0001Z, Feb 5  
to 2359Z, Feb 6

EPC WW DX Contest 1200Z, Feb 5 to 1200Z,  
Feb 6

**Minnesota QSO Party** 1400Z-2400Z, Feb 5

AGCW Straight Key Party 1600Z-1900Z, Feb  
5

**Delaware QSO Party** 1700Z, Feb 5 to 0100Z,  
Feb 7

Mexico RTTY International Contest 1800Z,  
Feb 5 to 1759Z, Feb 6

North American Sprint, CW 0000Z-0400Z, Feb  
6

ARS Spartan Sprint 0200Z-0400Z, Feb 8

NAQCC Straight Key/Bug Sprint 0130Z-  
0330Z, Feb 9

QRP Fox Hunt 0200Z-0330Z, Feb 9

CWops Mini-CWT Test 1100Z-1200Z, Feb 9  
and 1900Z-2000Z, Feb 9 and 0300Z-0400Z,  
Feb 10

QRP Fox Hunt 0200Z-0330Z, Feb 11

NCCC Sprint Ladder 0230Z-0300Z, Feb 11

PODXS 070 Club Valentine Sprint 2000 local,  
Feb 11 to 0200 local, Feb 12

**CQ WW RTTY WPX Contest** 0000Z, Feb 12  
to 2400Z, Feb 13

SARL Field Day Contest 1000Z, Feb 12 to  
1000Z, Feb 13

**Asia-Pacific Spring Sprint, CW** 1100Z-1300Z,  
Feb 12

Dutch PACC Contest 1200Z, Feb 12 to 1200Z,  
Feb 13

**New Hampshire QSO Party** 1600Z, Feb 12 to  
0400Z, Feb 13 and 1200Z-2200Z, Feb 13

FISTS Winter Sprint 1700Z-2100Z, Feb 12

North American Sprint, SSB 0000Z-0400Z, Feb  
13

Classic Exchange, Phone 1400Z, Feb 13 to  
0800Z, Feb 14

**ARRL School Club Roundup** 1300Z, Feb 14 to  
2400Z, Feb 18

QRP Fox Hunt 0200Z-0330Z, Feb 16

AGCW Semi-Automatic Key Evening 1900Z-  
2030Z, Feb 16

QRP Fox Hunt 0200Z-0330Z, Feb 18

NCCC Sprint Ladder 0230Z-0300Z, Feb 18

**ARRL Inter. DX Contest, CW** 0000Z, Feb 19 to  
2400Z, Feb 20

Feld Hell Sprint 2000Z-2200Z, Feb 19

AWA Amplitude Modulation QSO Party 2300Z,  
Feb 19 to 2300Z, Feb 20

QRP Fox Hunt 0200Z-0330Z, Feb 23

QRP Fox Hunt 0200Z-0330Z, Feb 25

NCCC Sprint Ladder 0230Z-0300Z, Feb 25

**CQ 160-Meter Contest, SSB** 2200Z, Feb 25 to  
2159Z, Feb 27

REF Contest, SSB 0600Z, Feb 26 to 1800Z,  
Feb 27

UBA DX Contest, CW 1300Z, Feb 26 to 1300Z, Feb 27

**North American QSO Party, RTTY** 1800Z, Feb 26 to 0600Z, Feb 27

High Speed Club CW Contest 0900Z-1700Z, Feb 27

CQC Winter QSO Sprint 0100Z-0259Z, Feb 28

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## 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.

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



**How many of you were licensed 25 years ago?**

My other car is.....



**...A LAWN TRACTOR!**



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## PPRAA FEBRUARY VE EXAM

**February 12<sup>th</sup>, 2011**

PPRAA VE session will be held at 9 am on Saturday, February 12<sup>th</sup>, 2011, in Room 101 Colorado Technical University.

Directions to CTU are at the PPRAA website [ppraa.org](http://ppraa.org).

Applicants will need the following items at 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 and includes children). Your SOCIAL SECURITY NUMBER or FRN (FCC Registration

Number) if already licensed or previously obtained (required for ALL candidates, regardless of age).

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 \$14 (standard ARRL VE Fee).

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](mailto:wv7t@arrl.net) and see it in Dits and Bits.

"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](mailto:N0mud@arrl.net) or call 719-597-1906"



**Dan and Pam (behind camera) at Loveland hamfest.**

# Ø Beat is always looking for interesting articles and pictures.

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## Station Appearance



**WV7T/KØUSN**

This is my home station. Two FT-920s, one for HF and the second for 6m. FT-8900 4 band FM (10, 6, 2, and 70cm. Tuner is MFJ 969. Astron power supply. Antennas: Cushcraft A3S 3 ele HF beam, 4 ele beam on 6m, 5 ele beam on 2/70 cm, 100 ft wire for the lower bands. 2m/70 cm vertical.

## What does your station look like?

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**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!*

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

**To:**