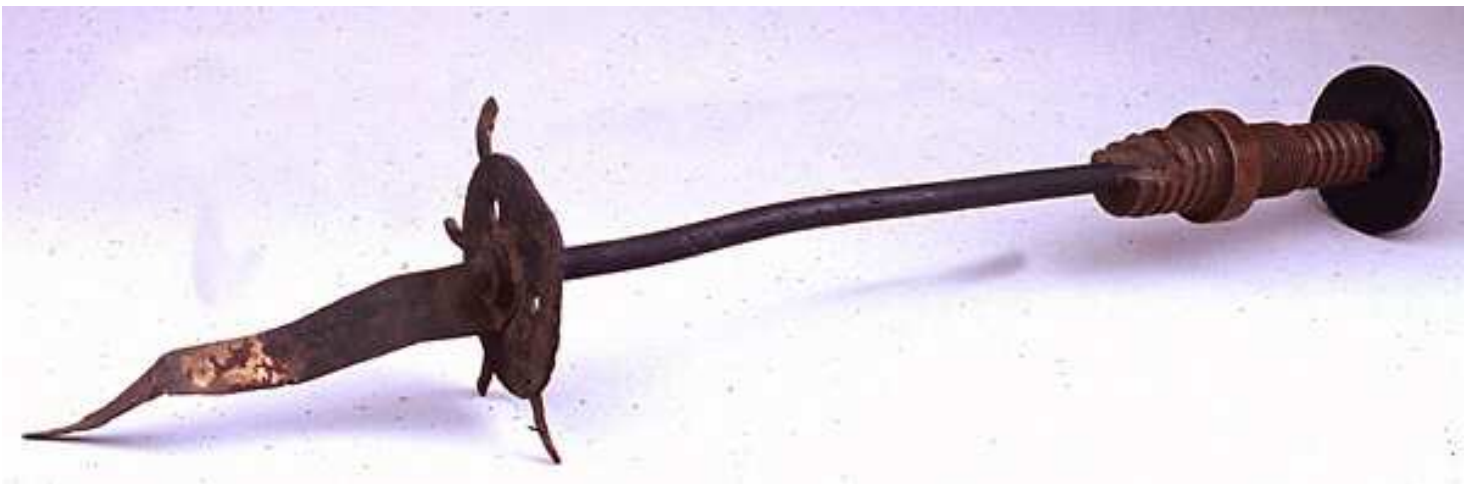




VOLUME 60 ISSUE 3

March 2010



What Is This Horrible Looking Thing?

(See last page)

March Ham Breakfast

March 6th
Country Buffet
801 North Academy Boulevard
(Citadel Crossing)
8:00 am - 9:30 am

March Club Meeting

The club meeting will be on March 10th (second Wednesday in March, 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	KDØJRM
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 Minutes *January 13, 2010*

President Doug Nielsen N7LEM called the meeting to order at 7:00 PM at Panera Bread, followed by introductions around the room.

Silent Keys: None.

Minutes: WØRAA Dick moved and Mike, WV7T seconded that the November meeting minutes be approved as published in the Zero Beat. Passed

Treasurer's Report: Pam Scott reported that we had a \$7,870 total balance in our three accounts as of 31 December 2009. \$1,078 income for the year Board meetings moved to Monday before club meeting - approved to spend more money on door prizes. It won't be announced, but we will have meetings with a chance to win a HT.

Field Day – board approved to have it Monument fire station. Antenna building in March

COQP contest report – plaques have been sent out. Next date has been set for the 2010 event. Help promote this – Sept – Labor Day weekend Frank Drake sponsor SK award – money already received.

Committee Reports

MegaFest 2010 – planning last meeting on Saturday, need volunteers for forum coordinator, door prize coordinator, Terry Kift publicity – contacting hotels in area to see if we can get a discount, will also promote other things to do in the area. Dan has contacted the tech club in Denver about doing a forum. No response yet.

Contesting - Dick WØRAA – contest award chair – new rules, explained to the new hams what it is, read rules on new contest score award – add link

Tech Ed

Mike WV7T has training materials for Tech license exam and can also provide some limited individual tutoring. He's helping a friend with code.

VE Testing – next club sponsored test is February 13 see the website for more details.

Also available at the hamfest in Ft Collins on Saturday, January 16th as well as other hamfests coming up.

Upcoming hamfests – NCARC, Aurora, and Larfest

Thursday Night Net - Every Thursday night, 7PM, Doc's Glow Net on 28.390 MHz USB. See www.ppra.org for details. Modes are changed

during the evening for experimentation purposes. AM, FM, and sideband modes are used. He has held 66 meetings thus far. Doc would like to do fox hunting this spring. He'd be willing to be the "fox".

Forums – on the website Stephen Dalfollo-Daley he also has some magazines, books, etc if interested

Program – home brew and ham shack pictures

Next Club Meeting: The next regular club meeting will be the second Wednesday, 7 PM, February 10th 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

Next Board Meeting: 7 PM, Monday before club meeting, February 8, at the Stetson Hills Police Substation, 4110 Tutt Blvd.
The meeting was adjourned at 8:04 PM.

Submitted by:

Dan Scott WØRO

PPRAA Secretary
13 January 2010

PPRAA Club Meeting *February 10, 2010*

President Doug Nielsen N7LEM called the meeting to order at 7:00 PM at Panera Bread, followed by introductions around the room. Several new members and visitors

Silent Keys: None.

Minutes: John Wishart moved and Dave Moore seconded that the January meeting minutes be approved. Passed

Treasurer's Report: Pam Scott reported that we had a \$7,863 total balance in our three accounts as of 31 January 2010.

Raffle tickets for sale – listed prizes for those who didn't know

Field Day – board approved to have it at the Monument fire station Setup June 25; June 26-27. See website for details, some food provided. We are looking at building antennas in March or April.

Committee Reports

MegaFest 2010 – planning meeting on Saturday, February 13th at police station on Tutt at noon
Need volunteers for forum coordinator, door prize coordinator.

Talked to CO QRP club and YLRL for doing Forums. The Denver area Technical Amateur radio club will be doing 3 forums plus PPRAA will be do a forum on Linux and Amateur radio. We would like to get a track setup for EmComm which could cover any/all of ARES/RACES/MARS. Other suggestions for forums include AMSAT and EOSS. We need to ask Jackie about VE testing and Rick Brown about card checking.

COQP contest report –Event set for Saturday, September 4th Labor Day weekend. Fliers handed out at last two hamfests.

Tech Ed

Mike WV7T has training materials for Tech license exam and can also provide individual tutoring.

VE Testing – next club sponsored test session is at 9:00 Saturday, February 13 see the website for more 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 70 meetings thus far. The net starts operation on 28.390 USB. The net then switches to LSB for a short time to do comparisons and then changing to 29.180 for AM. The net may use FM at 29.600 as well.

WACCO - Worked All Counties Colorado – draft document out for the board. Hope to get it finalized before the Megafest. The suggested goal is to get rules handed out at Megafest.

Door Prizes - Board had approved to front some money for better prizes as well as a radio. The radio will be in the drawing pool during random meeting. This week's winners were: Galen, AG0A won the G5RV antenna, Doug N7LEM took the handbook, Ralph got the repeater directory and David Clary, new member – no call, got the bongo ties.

Starting this meeting, members signing the membership book will be entered into an end-of-year drawing for a radio or gift certificate. Each entry in the book will be an addition chance to win.

Program – Mike Derbort, VP handed out a questionnaire on club website, programs members would like to see and future meetings, and other ideas. Due to scheduling conflicts other special guest were not available. Members helped newbies Chris, KD0IKM & Doug, KD0IKN on their ham shack setup focusing on grounding at their under construction house.

Next Club Meeting: The next regular club meeting will be the second Wednesday, 7 PM, March 10th 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

Next Club Activity: “Ham Breakfast” at Country Buffet on South Academy, Saturday March 6th from 8:00 until 9:30.

Next Board Meeting: 7 PM, Monday before club meeting, March 8 TBD

The meeting was adjourned at
Submitted by:

Dan Scott WØRO
PPRAA Secretary
February 16, 2010

PPRAA Board Meeting *February 8, 2010*

President Doug Nielsen N7LEM called the meeting to order at 7:06 PM at Village Inn

Minutes: Galen, AGOA moved and Mike, VP seconded that the January meeting minutes be approved as sent to board members. Passed

Treasurer’s Report: Pam Scott reported that we had a \$7,863 total balance in our three accounts as of January 2010. Passed

Committee Reports

Field Day – staying at Monument fire department, Doug will email Mike Skinner. Antenna Building needs to be set up for March or April. Need to contact scouting offices to promote this to them and then promote the Megafest as well

COQP contest report – promotion has been good at the hamfests. Talked to Ken Anderson from Grand Mesa contestors to get rovers out. CO QRP talked to officers about sponsoring a plaque
MegaFest 2010 – planning meeting this Saturday. Dan contacted several clubs at the ARA hamfest this weekend and has contacts to do forums for QRP and YLRL local group. Up to 6 forums now. Dan will contact EOSS, Mike D will contact someone at AMSAT. Terry has been contacting various sources for publicity. Still need someone to get door prizes. We will be getting stuff from ARRL, but we still need other things. Need to contact John (RMARC) about bringing his trailer. Others to contact: boy scouts, girl scouts, KRCC, PPCC
Sontag

Antenna building in March – need to find the parts list from the QST, need to talk to Mike in Monument

WACCO – Doug emailed the preliminary rules. Brief discussion on content. Review it and get back for next meeting.

Next VE session is this Saturday. Galen should be there; he’ll take some fliers there for Megafest and COQP. Discussion about giving a free membership to any hams – this was approved earlier – no vote needed

Discussion about door prizes – one per meeting attended, bigger prize at Christmas

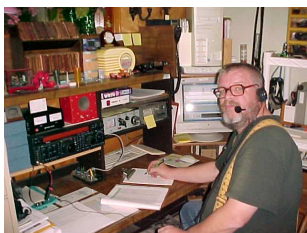
Next Club Meeting: The next regular club meeting will be the second Wednesday, 7 PM, February 10th 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

Next Board Meeting: 7 PM, Monday before club meeting, March 8, at the TBD

The meeting was adjourned at 8:04 PM.
Submitted by:

Dan Scott WØRO
PPRAA Secretary
February 8, 2010

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

Megafest Planning Meeting

Next planning meeting is scheduled for March 13th.
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.

MARCH CONTESTS

March 2010

AGCW YL-CW Party 1900Z-2100Z Mar 2
ARRL Inter. DX Contest, SSB0000Z, Mar 6 to 2400Z
Mar 7
Wake-Up! QRP Sprint 0600Z-0800Z, Mar 6
DARC 10-Meter Digital Contest 1100Z-1700Z Mar 7

AGCW QRP Contest 1400Z-2000Z Mar 13
EA PSK31 Contest 1600Z Mar 13 to 1600Z Mar 14
SOC Marathon Sprint 1800Z-2400Z, Mar 13
North American Sprint, RTTY 0000Z-0400Z Mar 14
Wisconsin QSO Party1800Z, Mar 14 to 0100Z Mar 15
SARL VHF/UHF Analogue Contest 1600Z Mar 19 to
1000Z, Mar 21
10-10 Int. Mobile Contest 0001Z-2359Z Mar 20
BARTG HF RTTY Contest0200Z Mar 20 to 0200Z Mar
22
Russian DX Contest1200Z Mar 20 to 1200Z, Mar 21
QRP Homebrewer Sprint 0000Z-0400Z, Mar 22
Run for the Bacon QRP Contest 0100Z-0300Z, Mar 22
CQ WW WPX Contest, SSB 0000Z, Mar 27 to 2400Z,
Mar 28
Vermont QSO Party 0000Z, Feb 6 to 2400Z, Feb 7

MARCH SPECIAL EVENT STATIONS

March 2010

Mar 1-Mar 7, 1600Z-2100Z, Arlington Heights,
IL. Peace Corps Amateur Radio Club, KA9NLX.
Celebrate the formation of the US Peace Corps.
146.52 10.133 7.283. Certificate. John Paskevicz,
1423 North Ridge Ave, Arlington Heights, IL
60004. 30 meters will be MT63 or Olivia.
jpaskev@aol.com

Mar 1-Apr 2, 1200Z-0600Z, Maritime Mobile
Irish Sea, IRELAND/WALES. EI2GBW**.
Reinstitution of Cork-Swansea Ferry Activation. 40
80m SSB. QSL. Via bureau or direct to EI9JO for
EI2GBW, or GW4HAT for GB2EI,
IRELAND/WALES. ***EI2GBW and GB2EI*.
Complete information at
www.grz.com/db/EI2GBW

Mar 3-Mar 13, 1400Z-2300Z, Robbinsville, NJ.
Delaware Valley Radio Association, W2R.
Robbinsville Township, NJ 150 Year Anniversary.
14.270 7.200. QSL. Michael Moreken, 55 Sharon
Rd Apt E-22, Robbinsville, NJ 08691-1329.
ab2io@arrrl.net, Robbinsville150.org or
www.grz.com/db/ab2io

Mar 6, 1800Z-2359Z, Katy, TX. Katy Amateur
Radio Society, KT5TX. 30th Anniversary Special
Event. 14.300 7.280 3.900. Certificate. Allan Hill,
NQ5B, 1907 Mound Lake Dr, Richmond, TX
77406. nq5b@arrrl.net or
people.consolidated.net/pburrow/kars

Mar 11-Mar 15, 2000Z-1100Z, Jupiter, FL. Amateur Radio Outdoor Adventures, K4T. Environmentally friendly activation of Dry Tortugas, NA-079. 14.260 14.040 7.180 7.030 SSB/CW 10 15 20 40 80 m; Satellite; 6 m. QSL. Via bureau, digital or direct: Zoli Pitman, HA1AG, Somogyi Bela ut 18, Gyor 9024, HUNGARY. *Power will be provided by 12 solar panels and 8 batteries and, if approved, a 500 watt wind generator.* aroadventures.org

Mar 13, 1400Z-2100Z, Vero Beach, FL. Vero Beach Amateur Radio Club, W4OT. 107th Anniversary - Pelican Island National Wildlife Refuge. SSB 14.260 7.190 CW 14.140 7.040. Certificate. VBARC-W4OT, PO Box 2082, Vero Beach, FL 23961. www.fws.gov/pelicanisland/ or www.vbarc.net

Mar 13, 1700Z-2359Z, San Deigo, CA. USS Midway (CV 41) Museum Radio Operations Room, NI6IW. Medical Corps Birthday 1871 and Neil Armstrong making 7 orbits in Gemini 8 1966. SSB 14.320 7.250 CW 14.060 7.055 PSK-31 7.070 D-STAR 2m/70 SOCAL rpters. QSL. USS Midway Radio Room, 910 N Harbor Dr, San Diego, CA 92101-5811. kk6fz@arrrl.net

Mar 13-Mar 14, 1400Z-2300Z, Valdosta, GA. South Georgia United Methodist Amateur Radio Socie, WG4UM. Azalea City Festival. 14.235 14.070 14.050 7.225. QSL. New Harvest UMC, 2548 E. Park Ave, Valdosta, GA 31605. www.newharvestumc.org

Mar 20, 1400Z-1900Z, Azle, TX. Tri-County Amateur Radio Club, WC5C. 1st Activation Goat Island - United States Island. 28.350 21.350 14.250 7.250. QSL. David Johnson, KB5YLG, 820 Wood Ln, Azle, TX 76020. wc5c@arrrl.net or www.wc5c.org

Mar 20, 1400Z-2000Z, Macon, GA. Macon Amateur Radio Club, W4BKM. 28th Annual Cherry Blossom Festival. 145.37 14.240 7.225 7.055. Certificate. MARC, PO Box 4862, Macon 31208-4862. members.cox.net/w4bkm

Mar 20-Mar 21, 1300Z-0100Z, Gardner, MA. Mohawk Amateur Radio Club, W1W. 25th Anniversary of the Mohawk Amateur Radio Club. SSB 14.260 7.260 3.885 RTTY 14.100. QSL. John Dould, 41 Gauthier Rd, Barre, MA 01005. www.mohawk-arc.org

Mar 20-Mar 22, 2359Z-2359Z, Istanbul, REPUBLIC OF TURKIYE. TCSWAT, TC2010PSG. Pilot Sabiha Gokcen. All Bands.

Certificate. TCSWAT/TA1HZ Tevfik A.K., PO Box 73 Karakoy, Istanbul 34421, REPUBLIC OF TURKIYE. *Contacts can be used for the Istanbul 2010 European Capital of Culture Award.*

www.ta0u.com/2010/eng/pdf/TC2010PSG.PDF

Mar 21, 1000Z-2300Z, Las Cruces, NM. Mesilla Valley Radio Club, K5B. Bataan Memorial Death March Marathon. 21.305 14.229 7.184 3.808. QSL. Mesilla Valley Radio Club, PO Box 1000, Las Cruces, NM 88004-1443. www.n5bl.org/bataan

Mar 27, 1300Z-1600Z, Brampton, ON, Canada. Peel and Mississauga Amateur Raido Clubs, VE3XR. Ham-Ex Annual Hamfest. 14.265 7.260 3.750. QSL. Via bureau or direct to Jeff Richardson, VA3QSL, 36 Crawley Dr, Brampton, ON L6T 2S1, CANADA. www.ham-ex.ca

Mar 27, 1700Z-2359Z, Scottsdale, AZ. Tranquility Base Amateur Radio Club, KF7FTF. Supporting responsible pet ownership and shelter adoptions. 14.260 7.230. Certificate. Tranquility Trails Animal Rescue, Attn: QSL, 7701 E Gray R, Ste 105-106, Scottsdale, AZ 85260. info@TranquilityTrail.org

State QSO Parties

State	Contest	Dates
Alabama	Alabama QSO Party	1600Z, Jun 5 to 0400Z, Jun 6, 2010
Arizona	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
	Arizona QSO Party	1600Z, Oct 10 to 0600Z, Oct 11, 2009 and 1400Z-2359Z, Oct 11, 2009
Arkansas	Arkansas QSO Party	1400Z, Sep 12 to 0600Z, Sep 13, 2009 and 1500Z-2400Z, Sep 13, 2009
California	California QSO Party	1600Z, Oct 2 to 2159Z, Oct 3, 2010
Colorado	Colorado QSO Party	1200Z, Sep 5 to 0400Z, Sep 6, 2009
Connecticut	New England QSO Party	2000Z, May 1 to 0500Z, May 2, 2010 and

		1300Z-2400Z, May 2, 2010
Delaware	Delaware QSO Party	1700Z, Feb 6 to 2359Z, Feb 7, 2010
Florida	Florida QSO Party	1600Z, Apr 24 to 0159Z, Apr 25, 2010 and 1200Z-2159Z, Apr 25, 2010
Georgia	Georgia QSO Party	1800Z, Apr 10 to 0359Z, Apr 11, 2010 and 1400Z-2359Z, Apr 11, 2010
Hawaii	Hawaii QSO Party	0700Z, Aug 22 to 2200Z, Aug 23, 2009
Idaho	Idaho QSO Party	1900Z, Mar 13 to 1900Z, Mar 14, 2010
	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
Illinois	Illinois QSO Party	1700Z, Oct 17 to 0100Z, Oct 18, 2010
Indiana	Indiana QSO Party	1600Z, May 1 to 0400Z, May 2, 2010
Iowa	Iowa QSO Party	1400Z-2300Z, Oct 17, 2009
Kansas	Kansas QSO Party	1400Z, Aug 29 to 0200Z, Aug 30, 2009 and 1400Z-2000Z, Aug 30, 2009
Kentucky	Kentucky QSO Party	1400Z, Nov 14 to 0200Z, Nov 15, 2009
Louisiana	Louisiana QSO Party	1500Z, Feb 13 to 0300Z, Feb 14, 2010
Maine	New England QSO Party	2000Z, May 1 to 0500Z, May 2, 2010 and 1300Z-2400Z, May 2, 2010
Maryland	Maryland-DC QSO Party	1600Z, Aug 8 to 0400Z, Aug 9, 2009 and 1600Z-2359Z, Aug 9, 2009
Massachusetts	New England QSO Party	2000Z, May 1 to 0500Z, May 2,

		2010 and 1300Z-2400Z, May 2, 2010
Michigan	Michigan QSO Party	1600Z, Apr 17 to 0400Z, Apr 18, 2010
Minnesota	Minnesota QSO Party	1400Z-2400Z, Feb 6, 2010
Mississippi	Mississippi QSO Party	1500Z, Feb 27 to 0300Z, Feb 28, 2010
Missouri	Missouri QSO Party	1800Z, Apr 3 to 0500Z, Apr 4, 2010 and 1800Z-2400Z, Apr 4, 2010
Montana	Montana QSO Party	0000Z, Apr 4 to 2400Z, Apr 5, 2009
	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
Nebraska	Nebraska QSO Party	1700Z, Apr 24 to 1700Z, Apr 25, 2010
Nevada	Nevada Mustang Roundup	1700Z, May 8 to 1700Z, May 9, 2010
	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
New Hampshire	New England QSO Party	2000Z, May 1 to 0500Z, May 2, 2010 and 1300Z-2400Z, May 2, 2010
	New Hampshire QSO Party	CANCELLED, 2010
New Jersey	New Jersey QSO Party	2000Z, Aug 21 to 0700Z, Aug 22, 2010 and 1300Z, Aug 22 to 0200Z, Aug 23, 2010
New Mexico	New Mexico QSO Party	1500Z, Feb 7 to 0300Z, Feb 8, 2010
New York	New York QSO Party	1800Z, Oct 16 to 0600Z, Oct , 2010
North Carolina	North Carolina QSO Party	1700Z, Feb 28 to 0300Z, Mar 1, 2010
North Dakota	North Dakota QSO Party	1800Z, Mar 20 to 1800Z, Mar 21, 2010

Ohio	Ohio QSO Party	1600Z, Aug 28 to 0400Z, Aug 29, 2010
Oklahoma	Oklahoma QSO Party	1300Z, Mar 20 to 0100Z, Mar 21, 2010 and 1300Z-1900Z, Mar 21, 2010
Oregon	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
Pennsylvania	Pennsylvania QSO Party	1600Z, Oct 9 to 0500Z, Oct 10, 2010 and 1300Z-2200Z, Oct 10, 2010
Rhode Island	New England QSO Party	2000Z, May 1 to 0500Z, May 2, 2010 and 1300Z-2400Z, May 2, 2010
South Carolina	South Carolina QSO Party	1300Z, Sep 19 to 2100Z, Sep 20, 2009
South Dakota	South Dakota QSO Party	1200Z, Dec 26 to 1200Z, Dec 27, 2009
Tennessee	Tennessee QSO Party	1800Z, Sep 6 to 0300Z, Sep 7, 2009
Texas	Texas QSO Party	1400Z, Sep 25 to 0200Z, Sep 26, 2010 and 1400Z-2000Z, Sep 26, 2010
Utah	7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2, 2010
Vermont	New England QSO Party	2000Z, May 1 to 0500Z, May 2, 2010 and 1300Z-2400Z, May 2, 2010
	Vermont QSO Party	0000Z, Feb 6 to 2400Z, Feb 7, 2010
Virginia	Virginia QSO Party	1800Z, Mar 20 to 0100Z, Mar 22, 2010
Washington	Washington State Salmon Run	1600Z, Sep 18 to 0700Z, Sep 19, 2010 and 1600Z-2400Z, Sep 19, 2010
	7th Call Area	1300Z, May 1 to

	QSO Party	0700Z, May 2, 2010
West Virginia	West Virginia QSO Party	1600Z, Jun 20 to 0200Z, Jun 21, 2009
Wisconsin	Wisconsin QSO Party	1800Z, Mar 14 to 0100Z, Mar 15, 2010
		1300Z, May 1 to 0700Z, May 2, 2010
Wyoming	7th Call Area QSO Party	I will update as the dates are firmed up

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!

73, WØRO



MARC MARCH VE SESSION

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, March 6th, 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 k0hbx@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 cover all 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

MARC VE

Dits and Bits

For Sale or Wanted

I am looking for a speaker / mic for a HTX-202

Mike WV7T@arrl.net

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



CONTESTING INFO SITES

<http://www.nccc.cc/webinars.html>

<http://wiki.contesting.com>

<http://www.nccc.cc/webinars.html>

<http://n1mm.hamdocs.com/tiki-index.php?page=Instructional+Videos>

http://wiki.contesting.com/index.php/Main_Page



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

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

Icom ID-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

Just how big are the guns on a battleship?



Mike WV7T, Rhoda KB2BZY, and John NØQJS,
standing between the second and third barrel of
the front gun mount on the USS Missouri.

IARU REGION 2 OPERATING AWARD

<http://www.iaru-r2.org/>

(Check it out!)

(From Cover)



RETTYSNITCH

**A TRADITIONAL SYMBOL MANUFACTURED
AND INVOKED BY "THE OLD MAN"
DURING THE EARLY YEARS OF THE HOBBY
TO COMBAT POOR OPERATING PRACTICES.**



SKYWARN TRAINING

Saturday April 10th 8 am at the Falcon Police
Station.

Ø-Beat is always
needing interesting
articles and pictures.

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 Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Call: _____ Class: N T + G A E Phone: _____ Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No Email: _____	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"/>										
Additional Family Members to Join/Renew Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____	<table style="width: 100%; border: none;"> <tr> <td>Full Member</td> <td style="text-align: right;">\$15 <input type="checkbox"/></td> </tr> <tr> <td>Family Membership</td> <td style="text-align: right;">\$18 <input type="checkbox"/></td> </tr> <tr> <td>Over 65</td> <td style="text-align: right;">\$10 <input type="checkbox"/></td> </tr> <tr> <td>Over 65 Family</td> <td style="text-align: right;">\$12 <input type="checkbox"/></td> </tr> <tr> <td>Associate</td> <td style="text-align: right;">\$12 <input type="checkbox"/></td> </tr> </table> Donation to Club: \$ _____ Total Enclosed: \$ _____	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"/>
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<u>MAKE ALL CHECKS PAYABLE TO "PPRAA"</u>											
<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. <b style="text-align: center;">Please Type or Print Clearly!											

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

To: