



VOLUME 62 ISSUE 6

ARRL AFFILIATED-SPECIAL SERVICE CLUB

June 2012



# Field Day

Emergency Preparedness To The Field

## June Ham Breakfast

### LOCATION

## Manitou Pancake & Steak House

26 Manitou Ave

Saturday, 2 June 2012

Time is from 8:00-9:30 AM

All are warmly invited to come on down and join us!

## June Club Meeting

Location: IHop on North Academy Blvd on the corner of Hwy 83/Voyager Pkwy. 8065 N. Academy Blvd. Wednesday June 13<sup>th</sup> 2012, 7pm.

## PPRAA Club Officers

President	Mike Derbort	KCØELG
Vice President	Dan Scott	WØRO
Secretary	Diana Nordstrom	KCØNPP
Treasurer	Pam Scott	WØPRS
Board	Tom Brereton	WØTOM
Board	John Wishart	KCØJFH
Board	Doug Neilsen	N7LEM
Board	Jim Bishop	KDØKQL
Board	Virgil Yost	NØXRS
Board	Kerrianne Dixon	KDØIPR
Ø-Beat Editor	Mike Anderson	WV7T

All officers can be contacted at:  
[boardmembers@ppraa.org](mailto:boardmembers@ppraa.org)

## PPRAA Field Day 2012

### Who:

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

### When:

Setup: June 22<sup>rd</sup>, 1400

Operations: June 23<sup>th</sup>, Noon until June 24<sup>th</sup> Noon

Tear Down: June 24<sup>th</sup>, Noon

### Where:

3622 Bar 10 Road, Calhan, CO

Talk In: 146.580

### Food Schedule:

Saturday	1100-	Hamburgers, Hotdogs,
Lunch	1300	Brats, chips
Saturday	1700-	Potluck
Dinner	1900	
Sunday	0700-	Eggs/omelets, coffee &
Breakfast	0900	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:

- A thru I – dessert
- J thru R – salad
- S thru Z – side dish

4. We are also needing 3 to 4 volunteers for each of the three meals to help with KP (serving, cleaning up).

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## Training Field Day

June 23-24 2012

WV7T will be hosting a Training Field Day at his home near I-25 and Fillmore.

This Field Day will include operating and responding to problems that could occur in an emergency situation such as broken coax and antenna, and power source failure.

Those who would like to do more than just contest this would be the opportunity for hands-on.

Mike WV7T

229-8610

[Wv7t@arrl.net](mailto:Wv7t@arrl.net)

510 West Polk Street

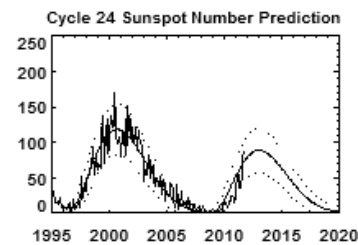
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## For propagation

A Index, K Index, Sunspot number,

and Solar Flux Index (SFI) go to this site.

<http://dx.qsl.net/propagation/>



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## EDUCATION

**\*Licensing\***



Mike Anderson, WV7T

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

719-229-8610

New classes have started with 5 General student and one finishing Technician student and one advanced code student.

**\*Hands-on Training\***

Saturday 2-4pm

Call before attending each Saturday in case class is postponed.

229-8610

**\*Study Materials\***

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Below is a listing of instructional materials I can order at a discount.

Item #	Title	Retail	Discount Price
0977	<a href="#"><u>The ARRL Ham Radio License Manual</u></a> , 2nd ed. © 2010	29.95	22.47
0847	<a href="#"><u>ARRL's Tech Q&amp;A</u></a> , 5th ed. © 2010	17.95	13.46
8737	<a href="#"><u>The ARRL Instructor's Manual</u></a> , 5th ed. © 2011	19.95	14.96
8119	<a href="#"><u>General Class License Manual</u></a> , 7th ed. © 2011	29.95	22.47
8089	<a href="#"><u>ARRL's General Q&amp;A</u></a> , 4th ed. © 2011	17.95	13.46
8874	<a href="#"><u>Extra Class License Manual</u></a> , 9th ed. © 2008	29.95	22.47
1379	<a href="#"><u>ARRL's Extra Q&amp;A</u></a> , 2nd ed. © 2008	17.95	13.46
9728	<a href="#"><u>Getting Started with Ham Radio</u></a> , 1st ed. © 2006	19.95	14.96
9558	<a href="#"><u>Basic Radio-Understanding the Key Building Blocks</u></a> 1st ed. © 2005	29.95	22.46
0823	<a href="#"><u>Understanding Basic Electronics</u></a> , 2nd ed. © 2010	29.95	22.46
1155	<a href="#"><u>Basic Electronics Course and Kit</u></a>	55.00	41.25
0017	<a href="#"><u>Modulation and Wave Fundamentals Board</u></a>	69.00	51.75

## PPRAA Apparel

Both **Silk Screen and Embroidered** (Shirts, T-Shirts, Hats, Badges, etc.), members pay for individual shirts. Embroidered - Club logo = \$7. Call sign and name ordered together = \$7, Call sign or name ordered separately = \$5 each. The number to call to order is: (719) 591-6151. Monograms by Jane.

**Silkscreened** - T-Shirts with a one color left chest logo only no name or call sign: Small thru Xlarge: \$8.75 ea. T-Shirts with one color logo on left and name with call sign on right side: Small thru Xlarge: \$9.60 ea. for XXlarge add \$2.00 per shirt.

POC Dick Thompson, WØRAA  
719-520-0288

## Ø-Beat June 1982

The feature article is on how to expand your Kenwood TR-7800 for MARS and CAP coverage. Mike KØTER is again coordinating the Field Day which will be held at Rampart Range Road. The Olympic Training Center turned down the club's proposal for a club station at the OTC. The new meeting place, beginning with the June meeting, will be at the United Methodist Church, at Nevada and Boulder. The club is looking for someone to act as a bulletin station to receive the broadcasts and put them out on two meters once a week. A committee is working on the tax exempt status – turns out the club may not be properly incorporated at this time. Bill KFØW and Don KBØKQ will be working on an updated set of bylaws for the club's review.

## Upcoming PPRAA Club Meetings

Meetings start with a short Business meeting followed by a short ARES presentation

### June 13th

Topic1: Awards

Bob - KØNR - Technical Coordinator ARRL Colorado Section

Gordon - WØRGD – few weeks, many awards

Topic2: Field Day

### July 11th

Topic1: Megafest

Topic2: Home Brew

- Bring your home brew and kit projects
- Send station pictures to wØro at arrl net
- – no labels on pictures, we want to guess who the station belongs to.



Online Spotter course

<http://www.stormspotters.org>

## June Contests

### June 2012

- ± NCCC Sprint Ladder 0230Z-0300Z, Jun 1
- ± HA3NS Sprint Memorial Contest 1730Z-1800Z, Jun 1 (80m) and 1800Z-1830Z, Jun 1 (40m)
- ± 10-10 Int. Open Season PSK Contest 0000Z, Jun 2 to 2400Z, Jun 3
- ± Wake-Up! QRP Sprint 0600Z-0800Z, Jun 2
- ± SEANET Contest 1200Z, Jun 2 to 1200Z, Jun 3
- ± Maritime QSO Party 1200Z, Jun 2 to 0300Z, Jun 3

± Alabama QSO Party 1600Z, Jun 2 to 0400Z, Jun 3

± RSGB 80m Club Championship, Data 1900Z-2030Z, Jun 4

± ARS Spartan Sprint 0100Z-0300Z, Jun 5

± NCCC Sprint Ladder 0230Z-0300Z, Jun 8

± Portugal Day Contest 0000Z-2400Z, Jun 9

± VK Shires Contest 0600Z, Jun 9 to 0600Z, Jun 10

± Asia-Pacific Sprint, SSB 1100Z-1300Z, Jun 9

± GACW WWSA CW DX Contest 1500Z, Jun 9 to 1500Z, Jun 10

± REF DDFM 6m Contest 1600Z, Jun 9 to 1600Z, Jun 10

± ARRL June VHF QSO Party 1800Z, Jun 9 to 0300Z, Jun 11

± NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Jun 13

± CWops Mini-CWT Test 1300Z-1400Z, Jun 13 and 1900Z-2000Z, Jun 13 and 0300Z-0400Z, Jun 14

± NAQCC-EU Monthly Sprint 1800Z-2000Z, Jun 13

± RSGB 80m Club Championship, CW 1900Z-2030Z, Jun 13

± NCCC Sprint Ladder 0230Z-0300Z, Jun 15

± All Asian DX Contest, CW 0000Z, Jun 16 to 2400Z, Jun 17

± SARL Youth Day Sprint 0700Z-1100Z, Jun 16

± AGCW VHF/UHF Contest 1400Z-1659Z, Jun 16 (144) and 1700Z-1759Z, Jun 16 (432)

± West Virginia QSO Party 1600Z, Jun 16 to 0200Z, Jun 17

± Kid's Day Contest 1800Z-2359Z, Jun 16

± Feld Hell Sprint 2000Z-2200Z, Jun 16

± WAB 50 MHz Phone 0900Z-1500Z, Jun 17

± Run for the Bacon QRP Contest 0100Z-0300Z, Jun 18

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

± RSGB 80m Club Championship, SSB 1900Z-2030Z, Jun 21

± Ukrainian DX DIGI Contest 1200Z, Jun 23 to 1200Z, Jun 24

± His Maj. King of Spain Contest, SSB 1200Z, Jun 23 to 1200Z, Jun 24

± Marconi Memorial HF Contest 1400Z, Jun 23 to 1400Z, Jun 24

± ARRL Field Day 1800Z, Jun 23 to 2100Z, Jun 24

± CWops Mini-CWT Test 1300Z-1400Z, Jun 27 and 1900Z-2000Z, Jun 27 and 0300Z-0400Z, Jun 28

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## PPRAA / Pikes Peak Ten Ten 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 great success. It gives new operators a better understanding of radios, filter usage, mic gain, transmission line..etc.

**We give out 10-10 numbers!**

## SIX Meter Net

Thursday evening after 10 meter net on **50.125** USB



**A PDF version of the ARRL VE  
Manual is available from Mike  
WV7T.**

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**Vanity callsign fees are now \$14.20**

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## **PPRAA JUNE VE EXAM**

### **June 9<sup>th</sup>, 2012**

PPRAA VE session will be held at 9 am on Saturday, June 9<sup>th</sup>, 2011, at 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).



## **ARES**

The calendar of events PPARES currently has scheduled. These events provide a fantastic way to

gain, and practice, important skills required in the event of a true emergency:

June 10: Garden of the God's 10-mile race (6 positions in Garden of the Gods)

June 16: Tour de Cure bicycle ride (14 positions)

June 17: Mountain Top Cycling Club 100-miler (12 positions at four aid stations)

June 24: "The Captain" mountain bike race (not yet approved by US Forest Service)

June 24: Susan G. Komen Ride for the cure (8 positions, eastern part of EP County)

July 8: Summer Roundup Trail Run (Bear Creek Park) (6 positions)

July 8: Pikes Peak International Hill Climb (30 positions)

July 14: Pikes Peak Assault (Pikes Peak Bicycle race. (10 positions)

July 22: "Goldrush 100" mountain bike race (not yet approved by US Forest Service)

August 18: Pikes Peak Ascent (25 positions)

August 19: Pikes Peak Marathon (15 positions)

September 29: 24 hours of Colorado Springs (Mountain bike national championships) (6 positions)

Dan WØRO

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# **Ditz and Bitz**

**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.

## WANTED

Variable voltage power supply, Multi-waveform signal generator, PL-259 connectors (still on cables is fine), dipole insulators, hose clamps, small brass screws.

**Mike WV7T**

**229-8610**

I need an 8 to 10 foot x 1.5 inch rotor mast for my tower install at my cabin.

**Jim NØTUI**

**640-8503**

Yaesu FT-757GX all mode transceiver with matching 757HD power supply and 757AT antenna tuner, operating manual, and original boxes. With 500 KHz thru 30MHz general coverage, all 9 bands 160 thru 10 meters, 100 W output on SSB, CW and FM and 25 W on AM also has full break in CW with an internal keyer. It would make an excellent first HF rig or a very capable back up. Only squawk is ALC/PO meter has failed. \$300

**Lonny Janes WØJSW**

**719.630.1542**

or [ljanes510@gmail.com](mailto:ljanes510@gmail.com)

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## ARRL Incoming QSL Bureaus

[www.arrl.org/incoming-qsl-service](http://www.arrl.org/incoming-qsl-service)

## ARRL Outgoing QSL Bureaus

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[www.arrl.org/outgoing-qsl-service](http://www.arrl.org/outgoing-qsl-service)

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Do you have a great QSL or Certificate? Send WV7T a copy and share it with club members in Zero Beat.

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Word Match for July is **ZULU**

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This is the PPRAA display board at Centennial Electronics.



# Technical Topics

**Articles are needed for the Technical Topics column. We have a lot of talent in the club so please consider writing an article.**

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## Multi-Use Radio System (MURS)

The MURS was officially adopted by the FCC on November 15, 2000 and uses narrowband FM with a maximum effective radiated power of 2 watts. MURS is intended for hand-held, short-range local mobile communications and does not require a license.

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MURS 1 = 151.820 MHz  
MURS 2 = 151.880 MHz  
MURS 3 = 151.940 MHz  
MURS 4 = 154.570 MHz  
MURS 5 = 154.600 MHz

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## Amateur Call Letter License Plates

**Available For:** Passenger cars, trucks that do not exceed 16,000 pounds empty weight.

**Who Qualifies:** Any person who has a valid, renewable amateur radio license issued by the Federal Communications Commission?

### Requirements:

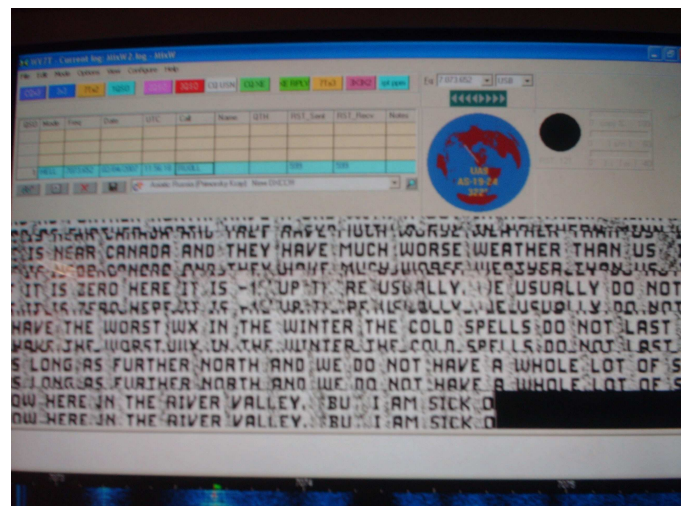
A copy of the person's amateur radio license and form DR 2810.

**Fees:** Annual fee of \$2.00 for personalization, in addition to other taxes and fees.



## Hellschreiber

Another interesting digital mode.



X	X	L	Y	V	V	O	P	O	B	A	G	J	Z
S	C	A	N	N	E	R	F	G	X	A	T	D	K
C	L	B	H	L	D	I	S	G	E	L	P	A	H
A	V	E	H	X	T	L	T	J	E	D	I	N	S
T	S	B	S	Y	G	M	V	T	A	N	I	P	X
F	S	S	L	U	D	O	T	M	A	T	R	I	X
I	E	M	A	B	O	P	P	X	K	L	M	L	P
V	L	O	K	L	A	M	F	F	S	A	J	Y	H
E	E	N	S	E	V	I	R	D	H	S	A	L	F
K	R	I	C	V	X	T	D	P	A	E	C	I	H
D	I	T	D	L	L	F	U	C	Z	R	H	I	J
Y	W	O	U	S	B	A	D	D	H	R	Z	G	J
I	D	R	C	P	N	K	E	Y	B	O	A	R	D
O	E	J	P	W	A	R	E	T	N	I	R	P	G

CATFIVE  
 CD  
 DOTMATRIX  
 FDD  
 FLASHDRIVE  
 HDD  
 IDE  
 KEYBOARD

LASER  
 MONITOR  
 MOUSE  
 PRINTER  
 SATA  
 SCANNER  
 USB  
 WIRELESS

**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: \_\_\_\_\_

Are you an ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL member? ☐ Yes ☐ No

E-mail address: \_\_\_\_\_

☐ Full Member - \$15.00

☐ Full Member over 65 - \$10.00

☐ Free - VE Signature Required:

☐ Family Membership (same address) - \$18.00

☐ Family Membership (both over 65) - \$12.00

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

**To:**