



VOLUME 62 ISSUE 5

ARRL AFFILIATED-SPECIAL SERVICE CLUB

May 2012

Tripple Threat License Winner

To Mark Taylor

KDØNQP

This certificate is awarded in recognition of
completing ALL PPRAA license courses and
earning your Extra Class License

WELL DONE!

April 23, 2012

Mike Anderson, WV7T

Sr. license Instructor, PPRAA

**LET'S SEE MORE OF THESE
FOLKS!**

License classes Work

We have our first 3 time license winner!

Mark, KDØNQP,

Is the first Ham to be licensed Technician, General, and Extra through the PPRAA license classes!

Well done Mark!

He passed each test on the first try!

May Ham Breakfast

LOCATION

The May Ham breakfast will be at

Rudy's Little Hideaway

925 S 8th Street

Saturday, 5 May 2012

Time is from 8:00-9:30 AM

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

May Club Meeting

The May 9th club meeting will be at the IHop on Stetson Hills Blvd (just west of Powers Blvd).
5749 Stetson Hills Blvd.

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

PPRAA FACE BOOK

<http://www.facebook.com/pages/PPRAA-Pikes-Peak-Radio-Amateur-Association/185833894769325?v=wall>

For propagation

A Index, K Index, Sunspot number, and Solar Flux Index (SFI) go to this

site.

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



Anna, WØANT, gave a great talk on her Youth DX Adventure trip to TI5N at the April PPRAA meeting.

FIELD DAY 2012



The PPRAA will be operating Field Day at the club station. location is 3622 Bar 10 Road, Calhan, CO. Talk In: 146.580

WV7T will be operating Field Day at his home near Fillmore and I-25 for his students and anyone interested. Hands-on training in emergency communications will be held on site. Group will be monitoring 146.970 Mhz.

Ham Licensing Classes

Location for Sunday Classes

Roswell Community Church

2728 Beacon Street

Technician-General 1:00-3:00

(Weeknights by arrangements)



Mike Anderson, WV7T

wv7t@arrrl.net

719-229-8610

Technician-General Classes

Technician and General classes will start May 6th from 1-3pm at Roswell Community Church. (address above)

Call first to be sure class is in session in case church is needed by the

Pastor.

229-8610

**Extra Class instruction starts in
September.**

Hands-On Training

Saturdays 2-5pm.

510 West Polk Street

(Weather permitting)

**Call first to make sure Training will
take place.**

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

Item #	Title	Retail	Discount Price
0977	<u>The ARRL Ham Radio License Manual</u> , 2nd ed. © 2010	29.95	22.47
0847	<u>ARRL's Tech Q&A</u> , 5th ed. © 2010	17.95	13.46
8737	<u>The ARRL Instructor's Manual</u> , 5th ed. © 2011	19.95	14.96
8119	<u>General Class License Manual</u> , 7th ed. © 2011	29.95	22.47
8089	<u>ARRL's General Q&A</u> , 4th ed. © 2011	17.95	13.46
8874	<u>Extra Class License Manual</u> , 9th ed. © 2008	29.95	22.47
1379	<u>ARRL's Extra Q&A</u> , 2nd ed. © 2008	17.95	13.46
9728	<u>Getting Started with Ham Radio</u> , 1st ed. © 2006	19.95	14.96
9558	<u>Basic Radio-Understanding the Key Building Blocks</u> 1st ed. © 2005	29.95	22.46
0823	<u>Understanding Basic Electronics</u> , 2nd ed. © 2010	29.95	22.46
1155	<u>Basic Electronics Course and Kit</u>	55.00	41.25
0017	<u>Modulation and Wave Fundamentals Board</u>	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 May 1982

Harry WDØFRJ writes how to take a Hustler fold-over mast and resonators and cut them down to work on HF with lower wind resistance. The Rocky Mountain Rendezvous Swapfest sponsored by the Mountain Amateur Radio Club will be held on July 17 and 18 at Red Rocks Campgrounds. The club is following the activity of the cable TV provider, whose frequencies on cable are near the 144 and 220 MHz amateur bands. Hopefully there will be little interference. KØTER passed around sign-up sheets for the Walk for Mankind and for Field Day. The 1982 membership list is printed in this issue. There are 55 members registered.



Online Spotter Course

<http://www.stormspotters.org>

MAY CONTESTS

May 2012

± AGCW QRP/QRP Party 1300Z-1900Z, May 1

± NCCC Sprint Ladder 0230Z-0300Z, May 4

± Araucaria VHF Contest 0000Z, May 5 to 1600Z, May 6

± 10-10 Int. Spring Contest, CW 0001Z, May 5 to 2359Z, May 6

± Microwave Spring Sprint 0600-1300 local, May 5

± ARI International DX Contest 1200Z, May 5 to 1159Z, May 6

± 7th Call Area QSO Party 1300Z, May 5 to 0700Z, May 6

± Indiana QSO Party 1600Z, May 5 to 0400Z, May 6

± New England QSO Party 2000Z, May 5 to 0500Z, May 6 and 1300Z-2400Z, May 6

± RSGB 80m Club Championship, SSB 1900Z-2030Z, May 7

± ARS Spartan Sprint 0100Z-0300Z, May 8

± CWops Mini-CWT Test 1300Z-1400Z, May 9 and 1900Z-2000Z, May 9 and 0300Z-0400Z, May 10

± NCCC Sprint Ladder 0230Z-0300Z, May 11

± EUCW Fraternizing CW QSO Party 1000Z-1200Z, May 12 and 1800Z-2000Z, May 13

± VOLTA WW RTTY Contest 1200Z, May 12 to 1200Z, May 13

± CQ-M International DX Contest 1200Z, May 12 to 1159Z, May 13

± FISTS Spring Sprint 1700Z-2100Z, May 12

± Nevada Mustang Roundup 1700Z, May 12 to 1700Z, May 13

± 50 MHz Spring Sprint 2300Z, May 12 to 0300Z, May 13

± SKCC Weekend Sprintathon 0000Z-2400Z, May 13

± WAB LF Phone 1000Z-1400Z, May 13

± NAQCC-EU Monthly Sprint 1800Z-2000Z, May 14

± RSGB 80m Club Championship, Data 0900Z-2030Z, May 16

± NAQCC Straight Key/Bug Sprint 0030Z-0230Z, May 17

+ His Maj. King of Spain Contest, CW 1200Z,
May 19 to 1200Z, May 20

+ Feld Hell Sprint 1600Z-1800Z, May 19

+ Baltic Contest 2100Z, May 19 to 0200Z, May
20

+ Run for the Bacon QRP Contest 0100Z-
0300Z, May 21

+ CWops Mini-CWT Test 1300Z-1400Z, May
23 and 1900Z-2000Z, May 23 and 0300Z-
0400Z, May 24

+ RSGB 80m Club Championship, CW 1900Z-
2030Z, May 24

+ NCCC Sprint Ladder 0230Z-0300Z, May 25

+ CQ WW WPX Contest, CW 0000Z, May 26
to 2359Z, May 27

+ SARL Digital Contest 1300Z-1600Z, May 27

+ QRP ARCI Hootowl Sprint 2000 local - 2400
local, May 27

+ MI QRP Memorial Day CW Sprint 2300Z,
May 27 to 0300Z, May 28

SIX Meter Net

Thursday evenings after the 10 meter net on
50.125 Mhz USB.



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 Mhz** 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!

50 Years of ARRL

Congratulations to Tom,
WØTOM, for receiving his
ARRL 50 year membership
pin!



A PDF version of the ARRL VE Manual is available. Let WV7T know if you would like a copy.

MARC May VE Exam

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, May 5th, 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 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

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 and see it in Dits and Bits. Also, visit the PPRAA Forum's online Ditz and Bitz at www.ppraa.forumotion.net !!

ARRL Incoming QSL Bureaus

<http://www.arrl.org/incoming-qsl-service>

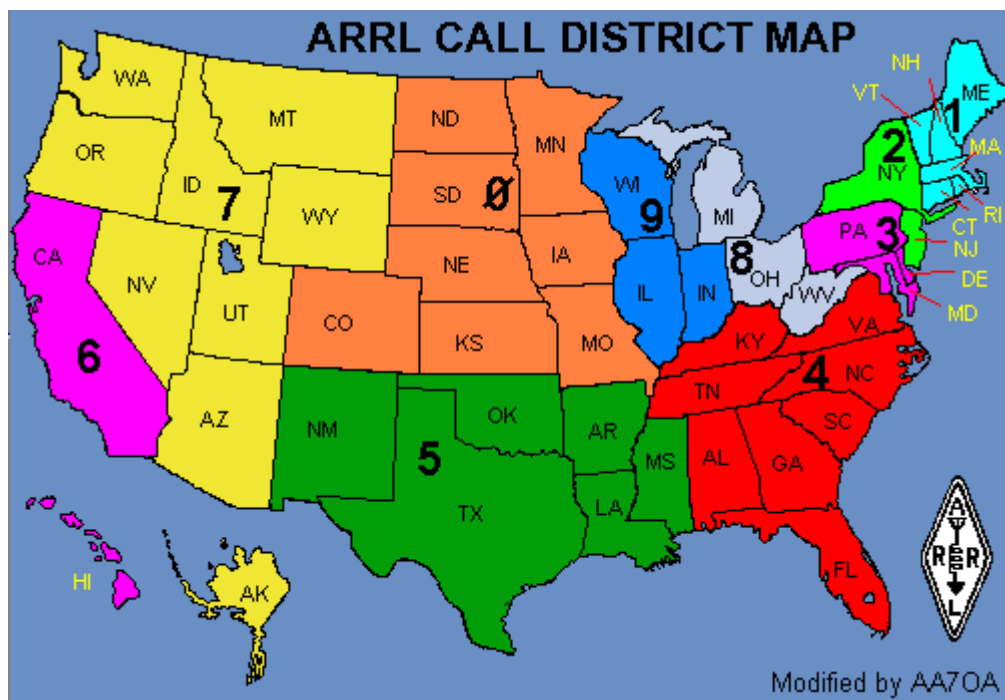
ARRL Outgoing QSL Bureaus

<http://www.arrl.org/outgoing-qsl-service>

Callsign Word Match for May is **FIELD DAY**

Technical Articles Go Here

We are all technical experts in the areas of Ham Radio we enjoy most. Share that passion with club members!



PPRAA Recognition Program

- 1) Starting date for all activities September 1st, 2011
- 2) All contacts have to be made after September 1st, 2011
- 3) Applicant must be a paid member of the Pikes Peak Radio Amateur Association
- 4) All submissions will be sent to the Program Administrator (WV7T)
- 5) All submissions will be in the form of log extracts or as specified
- 6) Participate from any US state or possession location
- 7) Forms/submission sheets (excel forms) provided by program administrator
- 8) Nets are okay
- 9) Schedules are okay
- 10) Operate as single or multiple operators
- 11) None of the activities has a time restriction

Program administrator is Mike Anderson, WV7T.
wv7t@arrl.net

Refer all questions to him.
Endorsable in 10 grid steps

First Contact Award

Recognition for a new ham's first radio contact
Submission: Log extract

Islands on the Air IOTA

Based on the rules of the RSGBIOTA
Basic award: for first 10 islands worked
Submission: log extract
Endorsable in 5 island steps

Portable Operating/RVing

Basic award: operate 2 times away from your home location

Submission: Report on each outing.

Endorsable in 5 additional outing steps

Lighthouses

Work Lighthouse/Lightships

Basic award: work 5 Lighthouse/lightship stations

Submission: log extract

Endorsable in 5 additional Lighthouse/Lightship contact steps

Classic Equipment

Basic award: using 2 different tube type radios make 1 contact with each

Submission: Description of radios and log extract of contacts

Endorsable for making 1 contact each using 2 more different tube radios

Work Special Event Stations

Basic award: for working 5 special event stations

Submission: log extract, Certificate, or QSL card

Endorsable in 5 additional special event station contact steps

Rag Chewing

Basic award: 5 Contacts lasting 30 minutes or more

Endorsable for 10 contacts longer than 30-60-90-120 minutes or longer

Any band and mode

Submission: log extract with start/stop times

SMIRK Six meter International Radio Klub

Work 6 SMIRK members and get your SMIRK number.

Work all US call areas

Including US possessions

Basic award: work 1 station in call areas 1-Ø

Only 1 contact in each area need

Submission: log extract

Endorsable in 5 call area steps

Word Match by Callsigns

Work stations whose suffix begins with the letters from a monthly word found in Zero Beat each month. Only letters no numbers

Submission: Log extracts

Endorsable in monthly steps

Mobile Operations

Operating from a vehicle in motion or stopped

Basic award: for 20 contacts any band/mode

Submission: log extract

Endorsable for each additional 50 contacts

Counting Hunting

In accordance with County Hunters rules

Basic award: for 25 counties

Submission: log extract

Endorsable in 25 county steps

Ten Ten

Basic award: work 10 Ten Ten members and get 10 10 number
Submission: log extract
Endorsable for each additional 20 Ten-Ten numbers
VP number (from Ten Ten) for 500 Ten Ten contacts

WARC x 3

Basic award: make 10 contacts on 30m, 17m, and 12m
Submission: log extract
Endorsable in 20 contact steps on each band

Digital x 2

Work 10 stations using any 2 digital modes (20 contacts)
Basic award: for first 10 contacts on both modes
Submission: log extract
Endorsable in 50 contact (each mode) steps

QRP-HF

Work 25 stations any mode as an HF QRP station
Power: 5 watts CW, DIGITAL, FM; 10 watts PEP SSB
Basic award: for first 25 contacts any HF band/mode
Submission: log extract
Endorsable in additional 25 contacts steps

Homebrew Antennas

Make contacts with a homebrew (no commercial) antenna
Basic award: for first antenna and 5 contacts with it
Make and use as many different antennas as you can
Submission: Description of antenna - log extract of contacts
Endorsable in 2 antenna steps

SCOUTS

Active in teaching Scouts radio/electronics merit badge
Participate in 1 Jamboree on the Air
Submission: Report on scouts taught and Jamboree experience

Packet

Make packet keyboard to keyboard contacts
Basic award: 5 contacts
Digipeaters/nodes are okay
Submission: log extract
Endorsable in 5 additional contact steps

Satellite

Basic award: make 1 satellite contact
Submission: log extract
Endorsable in 2 additional contact steps

Amateur Fast Scan TV

Basic award: make 1 Amateur TV (fast scan) contact
Submission: log extract
Endorsable in 2 contact steps

SSTV

Basic award: make 1 contact on SSTV
Submission: log extract
Endorsable in 5 contact steps

Operating a Special Event Station

Basic award: Organize and operate 1 special event operation

Submission: Write report on what and how you did.

Endorsable for additional 2 operations

Propagation

Basic award: monitor propagation for 2 weeks

Send findings to the club via reflector daily

Endorsable for additional 2 weeks in 2 week increments

Beacon Monitoring

Using online beacon list log each beacon heard (HF/VHF)

Basic award for 10 beacons logged

Submissions: Log entries of beacons heard

Information needed for contest submission

Callsign	Class	Date	Contest	Score
WV7T	SOQRP	12-4-11	ARRL 160m	120
WV7T				
WV7T				
WV7T				
				120

PPRAA April Club Meeting Minutes

11 April 2012

Call to Order

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

Silent Keys – Did not catch name/call

Approval of the March club meeting minutes – Meeting location wrong

MEGA FEST - Friday & Saturday July 13th & 14th. Help is needed for setup & take down, also for vendor management.

SELL & BUY RAFFLE TICKETS

VE testing will be on site

NO forums

FIELD DAY - Saturday & Sunday 23rd & 24h June at the PPRAA club station in Ellicott

CO QSO PARTY - 1st & 2nd September

NEW PPRAA WEB SITE - Will go live 15th April

TREASURER'S REPORT - no changes from board meeting.

TECHNICAL EDUCATION - Tech, Gen, Extra & Code (CW) classes available, contact Mike Anderson WV7T

WV7T will be volunteering at Centennial Electronics on Bijou

Mike WV7T will be hosting a Field Day at his QTH. He is requesting donations if anyone has "Junque Boxes of Bitz and peeses" to help the hands-on classes

THURSDAY NIGHT NET - this will be the 182nd TNN, join us at 28.390.00 at 1900 local time.

HAM BREAKFAST - 5th of May "Cinco De Mayo" location Rudy's Hideaway

HAM CON - Saturday 14th of April

CMRG - Raton Pass D-Star repeater placement.

BUILDING COMMITTEE - Decisions are still being made for the storage & operating sheds.

PPRAA April Board Meeting Minutes

9 April 2012

Call to Order at 6:40pm. Mike Derbort, Doug Nielsen, Kerrianne Dixon, Pam Scott, Dan Scott, Jim Bishop, Mike Anderson, John Wishart, Tom Bererton, Diana Nordstrom and Virgil Yost were in attendance.

2012 Goals and Objectives

- New Website with Members only area and integration between Forums site and calendar
- Membership - Goal 150. – Where are we?
- Club Station – Online and available
- O-beat – At least one technical article per month
- Scholarship fund

Approval of the March board meeting minutes – John moved, Pam seconded, board passed with no corrections or adjustments

Committee Reports

- **Treasurer's report** – No further funding of trips except for specially reviewed cases. Will add to budget for next year
 - Financials
- **Building committee**
 - Shed & Station Building –Update? - still looking at options

■ Club Station

- Sunset Buildings on Cimarron - one of their buildings says "demo sale" Do we have time to contact them or have we already?
- Lastly 80 ft for of Rohn 80 tower – passing on
- Mobilemini.com – check pricing, look into refurbished units
- 40ft tower on 8th St – need to schedule take down

- **Electronic Media** – Update? - Site is roughly working, need to find ways to automate verification of membership, what do we need for content?, add a photo album. Site to go live by Apr 16th

- **Megafest 2012** - Financial goal - \$2500 - Where are we with table registration for Megafest? - John to number tables on layout, Need more help! Want at least 3 volunteers each per admission and raffle table, Recommend scouts for help loading/unloading vendors.

New Business

Special Events

- Events for the coming year?

Unfinished Business

- **HAM Breakfast? Do we have conflicts?** Rudy's Little Hideaway, 925 S 8th Street, Saturday, 5 May 2012, Time is from 8:00-9:30 AM

Around the table

Dan – Requests ideas for programs

Mike Anderson – New Tech and General classes start 1st Sunday in May, rolling 4 month blocks. PPRAA has a bulletin board in Centennial, Mike will be maintaining it, need ideas for content. Requests \$71.43 for new Extra books and ink, Dan seconds, and the board passes. Will be hosting Hands-on classes Saturdays from 2-5pm, needs hardware for these. Will be hosting an educational Field Day at his home.

Virgil – Field Day webinar on Thursday, 12 April hosted by ARRL

Tom – Received recognition for 50 continuous years of membership to ARRL

Diana – Lyrid meteor shower viewing event at Club station location starting sunset April 21st. Peak to be at 3am.

Adjourn - at 8:25pm Pam moves, Tom seconds

NEXT BOARD MEETING: MONDAY, 14 MAY 2012. LOCATION: DANIELS TACO SHOP.

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

book
 bookcase
 calculator
 classroom
 desk
 dictionary
 dryboard
 eraser

markers
 paper
 pen
 pencil
 pointer
 projector
 ruler
 screen

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

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

To: