



## **PWARC "SPARKS"**

**NEWSLETTER OF THE PUEBLO WEST AMATEUR RADIO CLUB**

[www.pwarc.com](http://www.pwarc.com)

**PRESIDENT'S REPORT**

**MARCH 2016**

We had a great meeting last month with over 20 in attendance. There are a couple of items on this month's agenda including a bylaw proposal discussion, a request from the board to purchase 2 solar panels for our repeater and a discussion of participating in new licensee training with the Pueblo club.

At last report we had 21 renewed memberships and 6 new members. It has been called to our attention that several were unaware that we are now asking for renewed membership at the first of the year and are not sending out notices. If you have not renewed (or wish to join the club), you may do so by filling out the form at the end of this newsletter and mailing it to the club at P.O. Box 7486, Pueblo West, CO 81007 or turning it in at the meeting on March 19. The program will feature K0JSC, Jeff, and K1DDN, Amanda, who discuss recent ham activities including the HAMCON and the continued development of the "Fun Machine" connections.

Frank Dunn, KDØWEA

## **NET REPORT**

### **From WØOJW, Net Manager**

February's nets were a little slow, due to lots of lovely wintry illnesses. Hopes spring eternal that we'll all be doing better, now that spring is easing around the corner! Following is how things worked out in February:

- 2-2: KDOWEA/NCS; 7 stations; 12 minutes
- 2-9: WØOJW/NCS; 7 stations; 11 minutes.
- 2-16: KEØAHM/NCS; 7 stations; 14 minutes.
- 2-23: KDOWEA/NCS; 8 stations; 16 minutes.

## **MARCH BIRTHDAY(S)**

3/1 MIKE WØYKO; 3/13 STAN KCØOYO; 3/20 STANLEY WØJRG;  
3/23 THERESA KEØDPP; 3/24 WILLIAM KEØHYD

## **WELCOME NEW MEMBERS**

The following are new members to PWARC.  
Please say 'howdy' if you hear them on the air:

MARK GLAESER (T) KEØHLT; RANDY LINNEN (T) KEØGMS  
DENNIS HOWE (G) W7AWH; WILLIAM LORIMOR II (T) KDØHYD

JARVIS WILSON (G) KØLKI; MIKE CONDER (E) WØYKO

## **A QUICK QUIZ**

1. "Tropo" is slang for propagation that makes use of ...
  - a. ground reflections
  - b. meteor scatter
  - c. atmospheric phenomena
  - d. Caribbean islands
  
2. Hazards from microwave energy are mainly ...
  - a. genetic
  - b. thermal
  - c. electric

- d. chemical
- 3. Generally speaking, hams consider a signal to be “microwave” if its frequency is above ...
  - a. 420 MHz
  - b. 225 MNz
  - c. 50 MHz
  - d. 1000 MHz
- 4. Which of the following describes transmitter out power?
  - a. ICS
  - b. IMD
  - c. PEP
  - d. CCITT
- 5. Coaxial cable’s loss is commonly indicated in ...
  - a. percent shield coverage
  - b. characteristic impedance
  - c. nepers
  - d. DB/100 feet.

### Answers

- 1. c -- “Tropo” is short for “tropospheric.” Examples of tropospheric propagation would be along storm fronts or in ducts formed by temperature inversion layers.
- 2. b— Microwaves are readily absorbed by the body, particularly the eyes.
- 3. d—Most amateurs consider the microwave realm as beginning at 1000 MHz (1 Ghz)
- 4. c—Peak Envelope Power
- 5. d—And it’s worth noting that the loss is frequency-dependent. So, the figure quoted must also have a frequency specified.

## **CLUB CALENDAR - MARCH**

*CLUB MEETING – MARCH 19*

## **CLUB CALENDAR - APRIL**

*RAG CHEW – APRIL 2*

*CLUB MEETING – APRIL 23 (Date Moved)*

### **DOOR PRIZE**

At present, I am in Borrego Springs, CA, and not near the box with the prizes. So, therefore, there probably won't be a door prize this month unless someone brings something. Weather in the 80's here. Hope it snows there before we get home. Del

Editor's note: NEØDA will donate a dynamic, multiple use wrist watch.

### **FOR SALE / CLASSIFIEDS**

Nothing offered this month. Let me know if you have item(s) for sale. Free service.

### **PUEBLO WEST AMATUER RADIO CLUB**

P.O. Box 7486, Pueblo West, Colorado 81007

719-547-9875 / 719-647-9601

**PWARC REPEATER: 447.450 (-) PL 123.0**

### ***PWARC 'OFFICERS'***

KDØWEA Frank Dunn President

NEØDA Jim McConnell Vice-President

KDØRRH Del Milne Secretary

KBØJIT Paul Sipes Treasurer

KE5CCJ Roger Ashcraft Director

KDØHIY Curtis Hubbell Director

KDØMBL Neal Tew Director

WØOJW Dan Wantuck Director

# Pueblo West Amateur Radio Club Membership Application / Renewal

PLEASE PRINT)

Date \_\_\_\_\_ New \_\_\_\_\_ Renewal \_\_\_\_\_  
Renewals fill in name/call sign/any changes

Call Sign \_\_\_\_\_ Class \_\_\_\_\_ Expires \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Cell \_\_\_\_\_

E-mail \_\_\_\_\_

ARRL Member? \_\_\_\_\_ Birth (Month/Day) \_\_\_\_\_

What are your major interests in the hobby? \_\_\_\_\_

\_\_\_\_\_

Bands & Modes operated \_\_\_\_\_

Other Interests \_\_\_\_\_

Membership: Individual \_\_\_\_\_ Family \_\_\_\_\_ If family, include separate application for each individual - Please enclose annual dues as follows:

Adult: **\$15.00**

Age 18 or younger: **\$ 7.50**

Family **\$32.00** (3 or more individuals of immediate family)

Questions? Email to [info@pwarc.com](mailto:info@pwarc.com) or call 719-406-0617/547-9875. Send this application with check or money order to PWARC, P.O. Box 7486, Pueblo West, CO 81007 or drop it off at any club meeting.