
THE eQRM



New Antenna at the KC3BXC shack

The eQRM is a publication of the Beaver Valley Amateur Radio Association (BVARA) and is Copyright 2010 - 2015. All material presented in this publication is not necessarily the views of the American Radio Relay League (ARRL), BVARA, or members of the said organizations. If you would like to contact the editor of the eQRM, please email David at **kc3bxc.73@gmail.com**. Please visit us online at www.W3SGJ.org. To subscribe to our newsletter, please visit W3SGJ.org/newsletter.php

September 2015

THE eQRM

On the Cover : Due to the generosity and kindness of BVARA Club Member K3NJT, Norm Trunick there is a multiband HF antenna up in the trees at the KC3BXC shack. Thanks for the gift Norm, I have been having fun! Norm is just one of the kind folks in our Club, come join us at a monthly second Thursday Club Meeting.

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CHECK IN TO THE NETS

Wednesday 2 Meter

8:30PM on 145.310 MHz

Wednesday 10 Meter

9:00PM on 28.470 MHz

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Butler County's #1 Amateur Radio Club

BCARA/W3UDX Swapfest 2015

Date: September 13th, 2015

Time: 8:00am - 2:00pm

Location: Unionville Fire Department (See Map)

Latitude: 40.938728 N

Longitude: -79.959711 W

Address: 102 Mahood Rd Butler, PA 16001

Talk-In: 147.360 + (0.600) 131.8 Hz

Breakfast and lunch is available.

VE Testing during the Swapfest

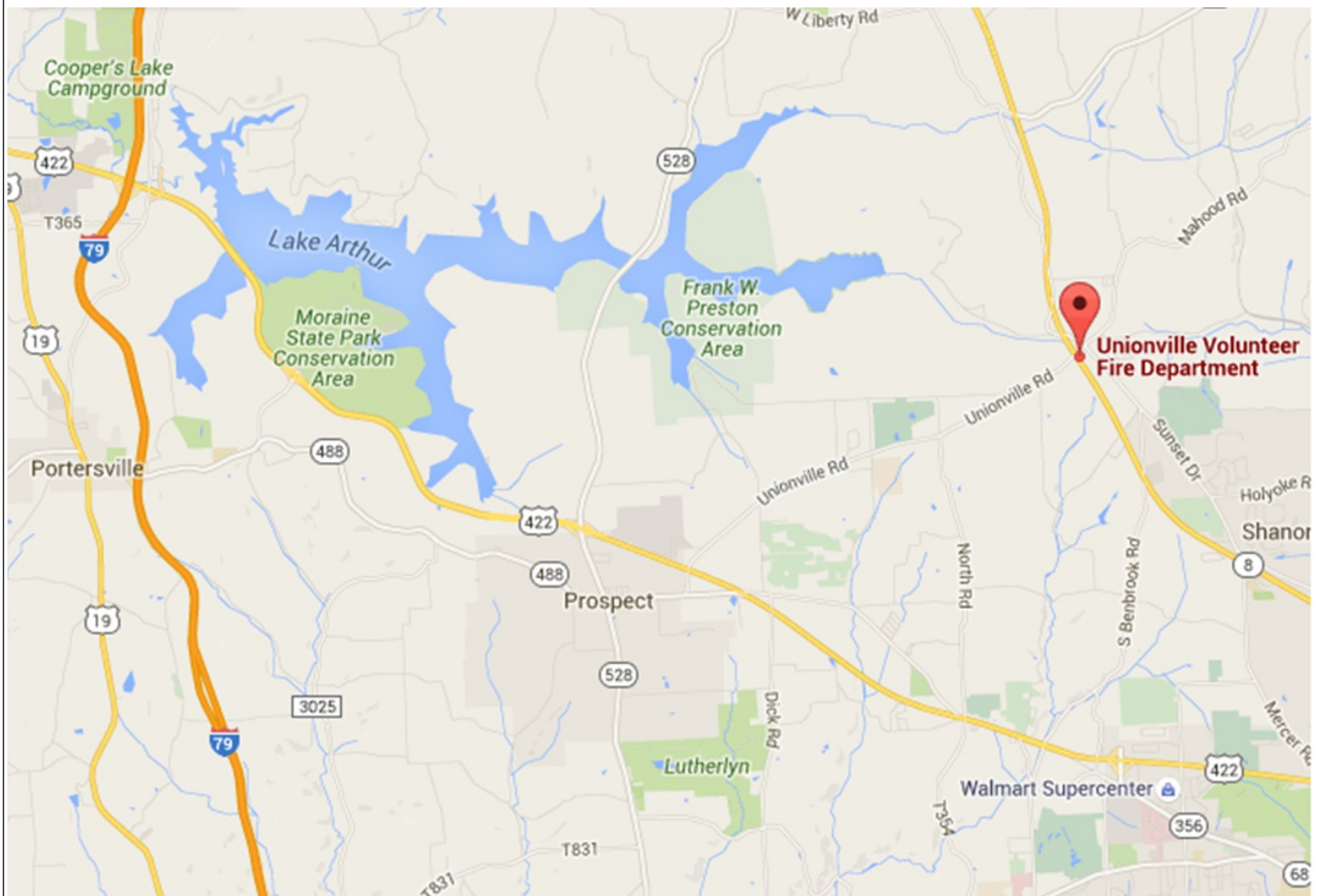
FREE COFFEE!

PRIZES

- 1.) 1ea. Dual Band Mobile Transceiver
- 2.) 1ea. 25A Power Supply
- 3.) 2ea. Baofeng HT's

Bulletins

Map to BCARC Hamfest



Bulletins

Bob, WA3PZO

Pope Francis visits the United States September 22 – 27 and amateur radio will be part of the celebration. Throughout the 6 day event (September 23 0000Z – September 28 0000Z) 6 special event amateur radio stations will be on the air to commemorate the event. Call signs from the Washington, DC area will be K3P and N4P. From New York and New Jersey the call will be K2P.

W3FRC/WMF will be on the air from southeastern Pennsylvania and W3P will be on the air in Philadelphia. WM3PEN, also of Philadelphia, will join in Thursday evening at 8 PM EST (Friday 0000 GMT). Four unique QSL cards will be available along with a certificate to mark this special and historic event. A website is being established for QSL and certificate information. Early information and links can be found on the WM3PEN (qrz.com) website.

The Washington, DC operations are being coordinated by the Jim Nitzberg, WX3B of the Potomac Valley Radio Club (pvrc.org). The southeastern Pennsylvania and New Jersey operations are under the direction of Ron Sigismonti, N3RS of the Frankford Radio Club (gofrc.org). The New York activity is being coordinated by John Melfi, W2HCB of the Great South Bay Amateur Radio Club (gsbarc.org). W3P efforts on the air are being coordinated by Joe Leone, KA3LKM (qrz.com/db/w3p). WM3PEN operations are being coordinated by Bob Josuweit, WA3PZO, and the Holmesburg Amateur Radio Club (harcnet.org).

We are privileged to be able to represent our region of the USA via Amateur Radio. Every three years there is a World Meeting of Families. In 2012 amateur radio operators in Italy had the call I12POPE on the air. This year amateur radio operators in 5 states will be on the air to commemorate the event. This year with the World Meeting of Families in Philadelphia and the second time a Pope has visited Philadelphia, Ron Sigismonti, says having several special event stations on the air by members of a club that originated in Philadelphia, then expanded to encompass the entire region out to 175 miles of Philadelphia; another club whose members will be on the air in the same section of Philadelphia that the Pope is visiting; and another group of Philadelphia operators who are excited about the World Meeting of Families being held in the City will really make this a special event. Additionally, operations from the Greater Washington, D.C. metropolitan area, metropolitan New York City, and parts of New Jersey will encompass the entire region visited by Pope Francis in the United States. It will allow those who can't be in the various cities that he is visiting to participate in this event by talking to those who are. In essence this will be a world family meeting of amateur radio operators.

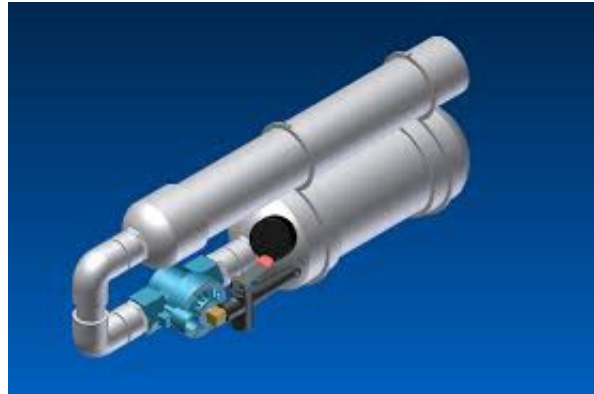
The Pope arrives at Joint Base Andrews on September 22 and begins his visit in Washington, D.C. with a meeting with President Obama on Wednesday, September 23. He delivers a speech to a joint session of Congress on Thursday, September 24. On Friday, September 25 he attends a meeting of the United Nations General Assembly in New York and participates in a multi-religious service at the 9/11 Memorial and Museum at the World Trade Center. On Saturday, September 26 he gives a speech at Independence Hall in Philadelphia and concludes his visit to the U.S. with an outdoor mass in front of the Philadelphia Museum of Art on Sunday, September 27.

This Month

This month's BVARA Club feature presentation:

Speaker: Bob Winkle N3AZZ

Topic: Antenna Launchers



This month Bob will do a little "show and tell" about air powered antenna launchers. This will be an interesting forum.. Bob plans to take us outside and demonstrate how his air powered launcher works. This should prove to be quite interesting! Come be part of the dicussion about these devices



More this Month

VE TEST SESSION

Beaver County Emergency Services Center
351 14th Street
Ambridge, PA 15003

Tests begin 5PM Thursday, September 10th (walk-ins allowed).
All classes of amateur radio license tests will be administered.

ALL candidates MUST bring ALL of the following:

1. 2 forms of I.D. - one MUST be a photo I.D.
2. A pencil AND a pen with blue or black ink.
3. The original AND a photocopy of any valid ham license.
4. The original AND a photocopy of any C.S.C.E.
5. The test fee of \$15 - cash, check, or money order.

For more information, contact :
Rich Soltesz, K3SOM
(724) 847-0610
k3som@arrl.net



WEEKLY

Thursday Morning Breakfast

The BVARA meets every Thursday at Steak 'n Shake in Center Township, by the Beaver Valley Mall, at 10:00 AM. All area amateurs are encouraged to come join us at our Thursday morning breakfast.

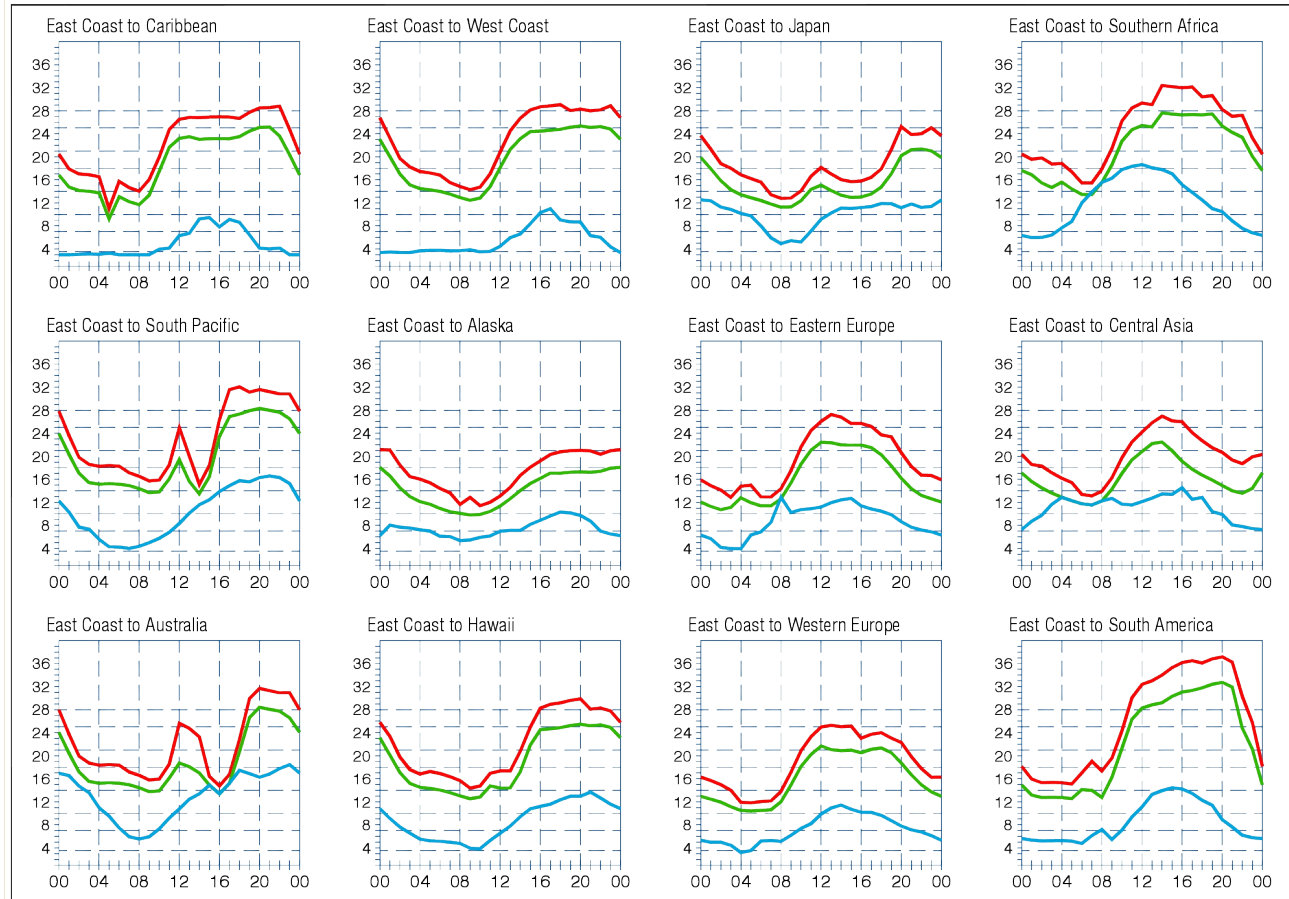


See you at



Propagation Charts

From the ARRL



When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of **September** for the paths indicated. The horizontal axes show Coordinated Universal Time (UTC), and the vertical axes frequency in MHz. On 10% of the days of this period, the highest frequencies propagated will be at least as high as the upper red curves (HPF, highest possible frequency) and on 50% of the days they will be at least as high as the green curves (MUF, classical maximum usable frequency). The blue curves show the lowest usable frequency (LUF) for a 1500-W CW transmitter. For SSB or a lower transmitter power, the LUF will be somewhat higher than the blue curves indicate. See Oct 1994 *QST*, pp 27-30, and Feb 1995 *QST*, pp 34-36, for more details. The predictions assume an observed 2800-MHz solar flux value of 105. This is a **Medium** level of solar activity. See the detailed propagation tables on *The ARRL Antenna Book CD-ROM*.

PROPAGATION

The East Coast propagation chart listed above is for September 2015. If you would like more information on how to read these charts, or for more information on propagation in general, please visit <http://arrl.org/propagation>

RACES / ARES

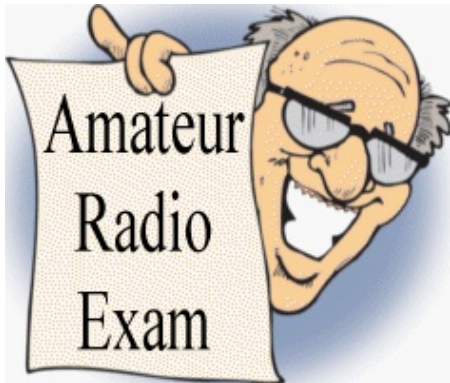
eQRM Urges All County Hams to Participate

As a matter of editorial opinion, the eQRM urges all Beaver County licensed amateurs to participate in the County's RACES and ARES programs.

Any Beaver County Amateur that is interested in participating in the RACES/ARES programs can do so by checking into the Beaver County Public Service Net which meets every Monday evening at 8:30 PM local time on the N3TN 146.850 MHz repeater (131.8 PL)

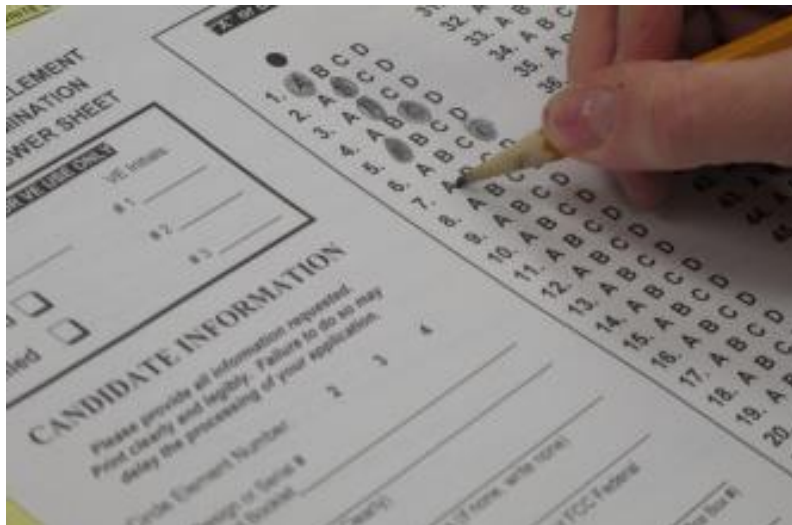


New License and Upgrades BVARA VE Testing



The BVARA would like to congratulate and acknowledge:

We had no testing for the month of August because we had the Corn Roast. We look forward to acknowledging those who test on September 10!



Who We Are

Membership Information and Club Officers



2015 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Dick Hanna, K3VYY

2nd Vice Pres.: Rob Miller, N3OJL

Treasurer: Pam Spencer, W3PMS

Secretary: Norm Trunick, K3NJT

Director: Bob Winkle, N3AZZ

Director: Jeff Waite, K3SLK

Trustee: Rich Soltesz, K3SOM

MONTHLY MEETINGS

E-Board meetings are now held the Saturday before the monthly club meeting.

VE testing begins at 5:00.

Regular meetings are at 6:30.

All meetings are held at
Beaver County
Emergency Services Center
351 14th Street
Ambridge, PA 15003
on the second Thursday of every month
(unless otherwise stated).

MEETING DATES 2015

Sept 10

Oct 8

Nov 12

Dec 06 Sunday 5-9 PM

Club Christmas Party

Jan 14 2016

Feb 11

Mar 10

Apr 14

May 12

Jun 09

Jul 14

Aug 11



Membership Information

By becoming a Member of the BVARA, You can help secure the future of Amateur Radio in Beaver County. Additionally, the BVARA receives a portion of each ARRL Membership you purchase!

Join the BVARA and ARRL

Sign up for:	Price	Quantity
<input type="checkbox"/> BVARA FULL MEMBERSHIP	20.00	_____
<input type="checkbox"/> BVARA STUDENT MEMBERSHIP	15.00	_____
<input type="checkbox"/> BVARA ASSOCIATE MEMBERSHIP	10.00	_____
<input type="checkbox"/> CHILD UNDER 21 IN HOME	5.00	_____
<input type="checkbox"/> ONE YEAR ARRL MEMBERSHIP	39.00	_____
	DONATION	_____
ARRL MEMBER ? YES NO	TOTAL	_____

Your license class (If you have one)

<input type="checkbox"/> Technician	Name _____
<input type="checkbox"/> General	Address _____
<input type="checkbox"/> Advanced	_____
<input type="checkbox"/> Extra	Email _____
	Phone _____

Your Call sign _____ Exp.date _____

Your Signature _____

Make check or money order payable to:
The Beaver Valley Amateur Radio Association, P.O. Box 424
South Heights, Pa 15081

Bits and Pieces

September is here! Do you feel the cool of Fall in the air?



Radio Repair



Safety! Safety! Safety!

This month I think about the treasures purchased at this summer's Ham fests. Did you purchase a boat anchor or a newer radio that needs some TLC? Do you need to find the schematic for it. Do you need a special piece of test equipment, maybe some contact cleaner? How about a tube tester... The cold of winter will be coming all too soon. Summer is not over yet, there is still time to visit a few Hamfests. This could be a good time to look for a winter project or the test equipment and supplies you will need to repair your "Treasure". Now is a great time to consider these things.



When you do start to repair that radio treasure, think safety. Do not assume anything. Do some safety things first, before you power it up. Inspect it very carefully. Think safety. Don't be afraid to ask a knowledgeable Ham for some advice on your new treasure. Be safe. Did someone get into the radio and replace something with the wrong value component, is the wiring safe? That radio you are reaching into can have power on the chassis or even on the outside case. Safety. Keep one hand in your pocket every time you reach inside your "under repair treasure". This may be a good time to join a radio club. Clubs have knowledgeable folks that could be valuable as you repair your treasure. They may know about the particular radio you are repairing, maybe they know of a supply company with items you will need, sometimes it is just enjoyable to visit about Radio with someone who enjoys it like you... good luck in your radio pursuits. Above all, be safe in all your radio adventures. **Safety, safety, safety.**



photos from

Yahoo images

September 2015

Radio Sport

- September 2015 Contest -

EME - 2.3 GHz & Up

Object: Two-way communications via the earth-moon-earth path on any authorized amateur frequency above 50 MHz.

September 5-6, 2015 2.3+ GHz Three full weekend 48-hour periods
(0000 UTC on Saturday through 2359 UTC Sunday).

September VHF

Object: To work as many amateur stations in as many different 2 degrees X 1 degree grid squares as possible using authorized frequencies above 50 MHz.
Foreign stations work W/VE amateurs only.

September 12-14, 2015 the second full weekend of September.
Begins 1800 UTC Saturday and ends 0259 UTC Monday.

10 GHz & Up— Round 2

The objective of 10 GHz and Up is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. See the detailed rules for restrictions.

North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light.

The third full weekend of September, 19-20, 2015. Operations may take place for 24 hours total on each contest weekend. Each weekend begins at 6:00 AM local Saturday through 12:00 midnight local Sunday.
Listening times count as operating time. Times off must be clearly indicated in the log.

For more information go to the ARRL web site with the Keywords: "contest calendar"

<http://www.arrl.org/contest-calendar>

Some Interesting Links

Nuts and Volts magazine <http://www.nutsvolts.com/>

Think Geek <http://www.thinkgeek.com/?cpg=cj&ref=&CJURL=&CJID=2041846>

Deals on Cheap laptops <http://www.dealzon.com/computers/laptops>

Hacked Gadgets Forum <http://hackedgadgets.com/>

SolderSmoke Podcast <http://www.soldersmoke.com/>

WNAR-AM what radio was sixty years ago <http://wnar-am.com/graphical/index.php>

Heavens Above Satellites <http://www.heavens-above.com/>

National Solar Observatory <http://www.nso.edu/>

American Radio Relay League (ARRL) <http://www.arrl.org/home>

Dr. Tamitha Skov Space Weather for Radio Amateurs <http://spaceweather.tv/category/amateur-radio-resources/>

The Amateur's Code

CONSIDERATE ...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL ...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE ...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY ...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED ...radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC ...station and skill always ready for service to country and community.