

THE eQRM

NOVEMBER 2017



Contesting, new modes of operating, a new radio, learning how to repair broken radios, learning Morse code?

The BVARA in Beaver County Pennsylvania

Beaver Valley Amateur Radio Association

W3SGJ

Repeater 145.310 PL 131.8

On the cover:

Happy Thanksgiving from the BVARA.

Hamfests will be wrapping up soon for 2017 in western Pa. Most of us will be spending more time indoors as the cooler weather sets in. Time to warm up that radio hobby. What path will your amateur radio travels take you this Fall?



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Check into our nets

Wednesday 2 Meter

8:30PM on 145.310 MHz PL 131.8

Wednesday 10 Meter

9:00PM on 28.470 MHz

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Who We Are

2017 BVARA OFFICERS

President: Jack Spencer, KZ3Z

Vice President: Mark Kavic, KB3LED

2nd Vice Pres.: Rob Miller, N3OJL

Treasurer: Pam Spencer, W3PMS

Secretary: Norm Trunick, K3NJT

Director: Bob Winkle, N3AZZ

Director: Bob Croft, KB3RHN

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 PM.

Regular meetings are at 6:30 PM

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

2017 MEETING DATES

Nov 09

Dec 09 Christmas Party

Jan 11 2018

Feb 09

Mar 08

Apr 12

May 10

Jun 14

Jul 12

Aug 09

Sep 13

Oct 11



BVARA Club Feature Presentation

This Month:

Speaker:

Rich Soltesz

K3SOM

Topic:

FT8 – Take the Plunge

Including:

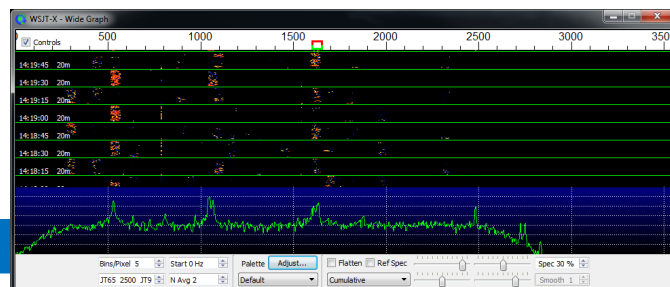
Continuing with our BVARA Presentation Series this year, our topic this month deals with one of the newest digital modes that is setting the bands on fire. It's called FT8 and has been included in the latest release of WSJT-X by [John Taylor, W1JT](#) and his colleagues. As the 10, 12, and 15-meter bands continue to heat up, hams have turned their attention to FT8 to snag solid domestic and DX stations on almost every HF band with many stations using only 25 watts or less.

Because of the faster pace of FT8 when compared to JT-65 and JT-9 digital modes, you'll be in for some lively action as hams call you not just on your frequency but from anywhere within the suggested sub-band for this new mode. Once you begin your first response, the software takes over the next several sequences until you decide it's time to send the final '73' transmission. We'll look at the software windows that are unique to FT8 operating and review how to select the initial setup parameters to get you started. Once you've tuned up, checked your clock for the required accuracy, and started up the application, you'd better put your seatbelt on because there's going to be lots of operating action.

But wait, there's more! Web-based sites automatically receive reports from you and other hams every 15 seconds that enable you to see who can hear you on a navigable world map overlay. Logging your contacts and transferring the data to eQSL, LoTW, and your favorite master logging program will also be covered. Setting up the hardware interface between your computer and your transceiver will also be explored. Whether you are a beginner or a veteran ham, bring your ideas and success stories to the meeting because this is one exciting presentation that you won't want to miss.

Rich's Background:

Extra Class Ham, Licensed since 1962, VE,
B.S. Electrical Engineering



More this Month

Weekly

The Freedom Square Diner in Monaca has a great wait staff. Come let them take your order.

Thursday Morning Breakfast
(or you can have lunch)



The BVARA meets every Thursday at the Freedom Square Diner in Center Township, just to the right of the Cinemark Center Township Marketplace at 09:30 AM. All radio amateurs and those interested in amateur radio are encouraged to come join us at our Thursday morning breakfast.

See you
Thursday at



The eQRM urges all Beaver County licensed amateurs to participate in the County's RACES and ARES programs.

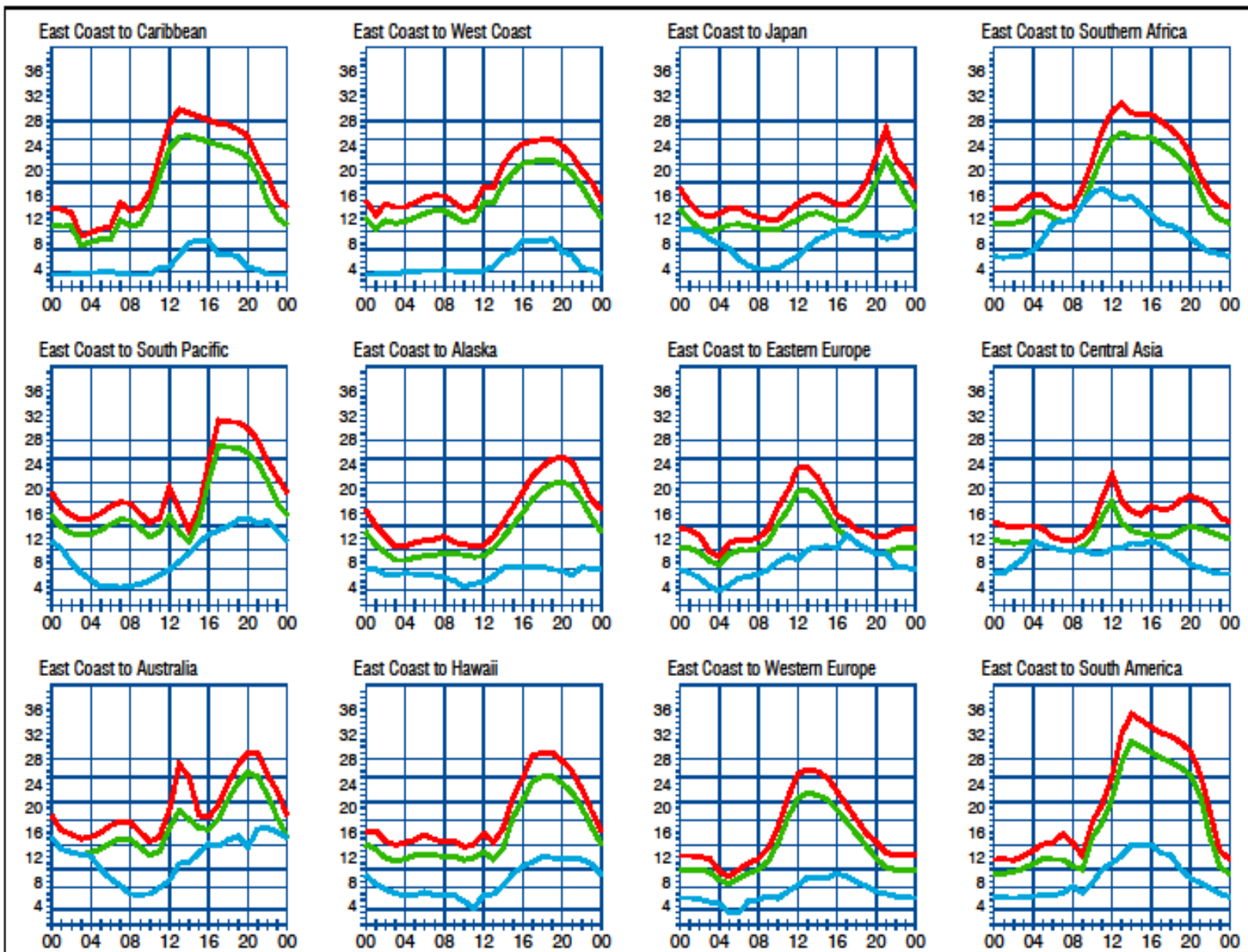
Any Beaver County Amateur that is interested in participating in the RACES/ARES programs can do so by checking into the Beaver County Public Service Net which meets every Monday evening at 8:30 PM local time on the N3TN 146.850 MHz repeater (131.8 PL)

RACES / ARES

The eQRM Urges All County Hams to Participate.



Propagation



When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of **November** 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 (HPP, 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 71. This is a Very Low level of solar activity. See the detailed propagation tables on *The ARRL Antenna Book CD-ROM*.

PROPAGATION

The East Coast propagation chart listed here is for November 2017.

If you would like more information in general, please visit <http://www.arrl.org/propagation>

Get your License or Upgrade

If you are interested in getting your first FCC license or upgrading your current amateur radio license, the Beaver Valley Amateur Radio Association holds VE Test sessions (Volunteer Examinations) the second Thursday of each month at the Nine One One center in Ambridge Pennsylvania prior to our BVARA Club meeting. If there is no meeting there is no test session. Please come take your test with us!

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



VE TEST SESSIONS

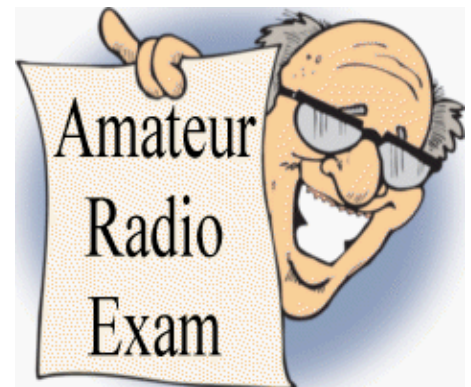
Beaver County Emergency Services Center 351 14th Street Ambridge, PA 15003.
Tests begin promptly at 5 pm on the same day as BVARA Club Meetings
(the second Thursday of the month).
All classes of amateur radio license tests are administered.

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.

New License and Upgrades

BVARA VE Testing

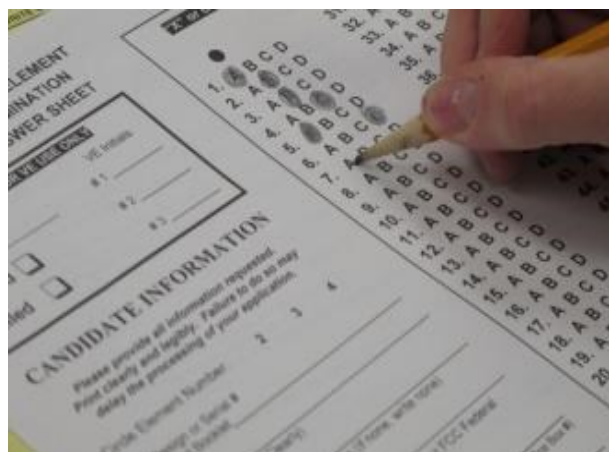


KC3KAD

Clint B Campana Technician Class
Baden, PA

KC3KAE

Brent D Hilton, Jr General Class
Butler, PA
(Passed both the Technician and General Class exam)



Our next BVARA Club Meeting will be held on November 9th with VE Testing at 5:00 pm and our regular meeting beginning at 6:30 pm followed by a presentation on some aspect of amateur radio. You are both welcome to join us.

Membership Information

By becoming a BVARA member you 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

- | | | |
|--|-------|-------|
| <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"/> BVARA Child under 21 at home membership | 5.00 | _____ |
| <input type="checkbox"/> One year ARRL membership | 49.00 | _____ |

A Club Donation _____

ARRL Member? Yes No

Total Enclosed _____

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 Class | Email _____ |

Phone _____

Your Call sign _____

Your Signature _____

Make check or money order payable to:

The Beaver Valley Amateur Radio Association, P.O. Box 424

South Heights, Pa 15081

Hamfests & General Announcements



GPS Coordinates: 40.2084 N, 80.2571 W scan above for directions or code

WACOM 2017 HAMFEST

Washington Amateur Communications Inc.

SUNDAY, NOVEMBER 5th 2017

WASHINGTON COUNTY FAIRGROUNDS

2151 North Main St.

WASHINGTON, PA 15301

8:00 A.M –3:00 P.M—Admission \$5.00

Doors open early for VENDOR SETUP Saturday Nov4th 6:30 p.m.

Talk in on 146.790 City-147.285 East-147.390 North-145.250 West -147.315 South- All PI-131.8

MAJOR VENDORS

Over 250 tables

KJI ELECTRONICS- -QUICKSILVER RADIO

MAIN PRIZES

**1ST
2nd
3rd
4th**

ICOM IC-7300 HF/50MHz TRANSCEIVER

YAESU FTM-3100R 144Mhz 65W FM Mobile Transceiver

YAESU FTM-3100R 144Mhz 65W FM Mobile Transceiver

YAESU FTM-3100R 144Mhz 65W FM Mobile Transceiver

BLACK BOX PRIZE'S ONLY 50 TICKETS Sold

MAIN DRAWING AT 1:00 P.M. NEED NOT BE PRESENT TO WIN

CONTACT FOR HAMFEST TABLES N3TIR bud@n3tir.com 724-350-6745

Vendor Forms located at www.wa3com.com under Hamfest tab

We will sell out ALL TABLE SPACE PLEASE CALL EARLY

6Ft TABLES SUPPLIED, cost \$12.00 ea. - Discount reserve more than (4) \$10.00ea.

ADMISSION not INCLUDED ON TABLES rentals

VE TESTING TIME 8:00am

BREAKFAST AND LUNCH WILL BE AVAILABLE

DOOR PRIZES—YL PRIZE—DX CARD CHECKER

THE MEADOWS CASINO & Tanger Outlets less than 2 miles

Send all vendor payments to address below for tables

Please include vendor form and make checks payable to

Washington Amateur Communications

Mail to Norma Plants N3YJJ

236 Chambers Ridge Road West Alexander, Pa 15376

Contest Corral — November 2017

Check for updates and a downloadable PDF version online at www.arrl.org/contests.

Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

Start - Finish Date-Time Date-Time				Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	2000	1	2100	3.5	UKEICC 80-Meter Contest	Ph	4-char grid square	www.ukiicc.com
2	1800	2	2200	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	www.nrau.net
4	0000	5	2359	50-1296	ARRL EME Contest	CW Ph Dig	Signal report	www.arrl.org/eme-contest
4	0600	4	1800	3.5-28	IPARC Contest, CW	CW	RST, serial, "IPA" (if member)	www.iparc.de
4	1200	5	1200	1.8-28	Ukrainian DX Contest	CW Ph	RS(T), 2-letter oblast or serial	urdx.org/rules.php?english
4	2100	6	0300	1.8-28	ARRL Sweepstakes Contest, CW	CW	Serial, precedence (Q/A/B/U/M/S), your call, check, section	www.arrl.org/sweepstakes
5	0600	5	1800	3.5-28	IPARC Contest, SSB	Ph	RST, serial, "IPA" (if member)	www.iparc.de
5	0800	5	1200	Any	EANET Sprint	CW Ph Dig	RS(T)	fedea.org
5	0900	5	1700	3.5-28	High Speed Club CW Contest	CW	RST, mbr or "NM"	www.highspeedclub.org
7	0200	7	0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqp.blogspot.com
11	0000	12	2359	3.5-28	WAE DX Contest, RTTY	Dig	RS, serial	www.darc.de/dxer-club/hofensta/raforum-contests/world-all-europe-dx-contest/en
11	0001	12	2359	28	10-10 International Fall Contest, Digital	Dig	Name, mbr or "Q," SPC	www.tan-tan.org
11	0700	12	1300	3.5-28	JIDX Phone Contest	Ph	RST, Prefecture or CQ zone	jidx.org/jidxrule-a.html
11	1200	12	1200	1.8-28	OKOM DX Contest, CW	CW	RST, 3-letter district code or serial	okomdx.crl.cz
11	1200	12	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
11	1400	12	0200	1.8-50	Kentucky QSO Party	CW Ph Dig	RS(T), county or SPC	www.wkdx.com
11	1900	13	0500	1.8-432	CQ-WE Contest	CW Ph Dig	Name, location code, service years	cqwe.cbah.org
13	0100	13	0300	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
13	2000	13	2130	3.5	RSGB 80-Meter Autumn Series, Data	Dig	Other's call, your call, serial, name	www.rsgb.org/hf
16	0130	16	0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
17	1600	17	2200	3.5	YO International PSK31 Contest	Dig	RST, serial, county or country	www.yo5orquon/Rules.htm
18	1200	19	1200	3.5-28	LZ DX Contest	CW Ph	RS(T), 2-letter LZ district or ITU zone	lzdxbbs.org/rulesen.html
18	1600	19	0700	1.8	All Austrian 160-Meter Contest	CW	RST, serial, district code (if OE)	www.oevsu.at
18	1700	19	0100	1.8	REF 160-Meter Contest	CW	RST, serial, department code	concours.r-e-f.org
18	1900	18	2059	1.8-50	Fold Hill Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/foldhillclub
18	1900	18	2300	1.8	RSGB 2nd 1.8 MHz Contest, CW	CW	RST, serial, district code (if UK)	www.rsgb.org/hf
18	2100	20	0300	1.8-28	ARRL Sweepstakes Contest, SSB	Ph	Serial, precedence (Q/A/B/U/M/S), your call, check, section	www.arrl.org/sweepstakes
19	1300	19	1700	3.5,7	Homebrew and Oldtime Equipment Party	CW	RST, serial, class	www.qrpcc.de/contestrules
20	0200	20	0400	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
22	0000	22	0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
22	2000	22	2130	3.5	RSGB 80-Meter Autumn Series, SSB	Ph	Other's call, your call, serial, name	www.rsgb.org/hf
25	0000	26	2359	1.8-28	CQ Worldwide DX Contest, CW	CW	RST, CQ zone	www.cqww.com/rules.htm
29	2000	29	2100	3.5	UKEICC 80-Meter Contest	CW	4-char grid square	www.ukiicc.com
30	2000	30	2130	3.5	RSGB 80-Meter Autumn Series, CW	CW	Other's call, your call, serial, name	www.rsgb.org/hf

All dates refer to UTC and may be different from calendar dates in North America. No contest activity occurs on the 60-, 30-, 17-, and 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity, XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at www.hornuopla.com/contestcal and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.

Bits and Pieces



The November “Interview with a Ham” was another really fun visit! I talked just a short time with Reg Genola, W3REG. Reg has been an Amateur radio operator since 1954. He was a college freshman near Philadelphia Pennsylvania when... “Me and my pal got interested in Ham radio. We were housed in an old Army barracks for our dorm. We studied and took our tests in Philly. The old barracks lent itself well to putting up an antenna in the hallways.”



“My first radio was a big grey box. It was a Gonset Communicator VHF 2 meter crystal controlled transmitter with a tunable receiver. I got drafted, while on active duty stationed in Japan my novice license was going to expire. I went to the Base Mars station. I told the sergeant in charge there that my Ham license was about to run out, the sarge gave me a test for Advanced. I passed and this license would be valid ‘til after I served my country in the Korean theater without expiring.”

“I lived on a farm in New Jersey my dad and uncle owned. I had a 15 meter Sterba curtain antenna. It worked very well! The contacts in Antarctica said I was louder than anyone else they had talked to. I made many phone patches for those Hams”.

“One particular facet of the hobby I have enjoyed is putting light houses on the air. I have done this many times. I use a portable radio and have made many contacts. I remember putting Captain Charles Light House on Ball Head Island, North Carolina on the air. It no longer exists. There is a boat in the ocean that serves the purpose of that light house now.”

“I have experimented with antennas a lot. I am not the most technically savvy. Well I am, but I couldn’t fix my Icom 756 if it broke. I really think a good antenna is the key. I find them easy to build and I have a lot of fun experimenting with them.”

“In the 1960s the sunspot activity was wonderful for propagation! You could talk to anyone anywhere almost anytime. I got a DXCC award back then. If I could change Ham radio, I would make the sunspots like they were in the 60s. Thanks for choosing me to interview Dave. Have a good day.”



I sure had a great time interviewing Reg. He is an interesting Ham and just a fun guy to talk to. You should talk to him too.

Be courteous on the air, be safe and have fun with your hobby.
Till next month, 73 KC3BXC.

Interview with a Ham

Name : “Reg” Genola

Call sign and license class: W3REG, Extra Class

Year of first FCC License : 1954

Did you ever make a crystal radio? Yes, I played with one of those.

Did you ever listen to short wave radio? Yes, my grandpa had an upright radio that picked up SW.

Did you ever use CB radio? Yes, I was a Ham first. I converted a CB, from an article in QST, to work on 10 meters.

How did you get interested in Ham Radio? As a college freshman my friend and I studied and passed our novice test.

Did you ever build a Ham Radio? Yes, Heathkits.

What was your first radio? A Gonset Communicator, VHF 2 meter crystal controlled transceiver.

What was your first antenna? A 2M Quad Yagi.

What is your current antenna & radio? An Icom 756 Pro, a Stepp IR Vertical, a Hustler and a G5RV.

What are your favorite modes to operate? SSB voice, rag chewing and Digital modes.

Your most memorable contact? Making phone patches for Hams in Antarctica with a 15 meter Sterba curtain antenna.

What was your most fun contact? Putting light houses on the air via portable radio. One in particular from North Carolina, the Captain Charles Light House.

What part of the hobby interests you the most? (field day, home brewing, contesting, Hamfests, restoring old radios) Portable operation and plain old rag chewing.

Have you ever been on a fox hunt? No.

Do you use a logging program? (what is it) Yes, Ham Radio Deluxe.

Would you purchase a Software Defined Radio? I would consider it, it is just not in the budget.

Do you use automation with your Ham Radio? Yes, a Cat box (C-IV) box by Icom, with all my radios.

If you had a magic wand and could change Ham radio what would you change and why? I would like to go back to the propagation on the 1960's, contacts were easy, you could contact anyone anytime.

Where do you see ham radio in ten years? I am confident it will keep advancing and more people will become interested. I think there will be more sophistication, more radios for desk top operation and great digital advances.

It's Your Dime

Remember back when you could communicate by "Pay Phone" for ten cents? This page is for anyone who wants to communicate with the BVARA community and beyond. Please send me your article that you would like posted on this page. Please, only topics and language in good taste. As the editor I reserve the option to post it or ignore it. Send your dime to me at: kc3bxc.73@gmail.com



Life seldom presents us with a 'Wow!' moment, but they're easy to recognize. When they happen, you can't help saying "Wow!" to yourself. When you proposed to that special person that you wanted to be with the rest of your lives and they said: "Yes", that was a 'Wow!' moment. Perhaps your son or daughter gave a special performance and when they finished, everyone stood up and gave them a rousing ovation. Maybe it was a sports event and the winning score was made by one of your kids. You get the idea, an exceptional event that will live within your memories for the rest of your life.

I had a 'Wow!' moment several weeks ago late in the evening on 10 meters. The band was dead except for the usual local QSOs. As I glanced at the panadapter, I noticed some activity on 28.400 MHz. As I tuned in the signal, a youthful voice was repeating: "Is this frequency in use?" As my curiosity increased, he began to call: "Hello CQ, CQ, CQ 10 meters. This is . . .". No one responded. Again, he repeated his hopeful call and still no one responded. I looked him up in www.qrz.com to find out where he was located and rotated the antenna that way. His signal was now peaking about an S9; not too shabby for such a youthful voice! After his third plea for a contact I gave him a call. He responded and the QSO began.

As we talked back and forth, two qualities of his began to emerge. His enthusiasm blew me away. He first became exposed to ham radio through cub scouts. He liked what he saw and set a goal to become a ham radio operator. I asked him for his age. "I'm thirteen and a half!" as if that half of a year was very important. I asked if his dad was a ham. He indicated: "Not yet!" There was that enthusiasm once again. He had contacted some of his buddies with his Baofeng over the local repeater, but he didn't consider those to be 'real' contacts. I was his first contact (on HF).

His second quality was reflected in his amazement at the breadth and depth of the activities that he could now do with his ham radio license. He began to speak of different activities like contesting, awards, emergency communications and many other possible directions for his unbounded energies. I began to think about my early days as a new ham, although not as young as his "thirteen and a half!"

After the contact, I became a little misty eyed as I wondered about his future. With those levels of curiosity, enthusiasm, and energy I was sure that he could be a success in whatever direction that he set his mind to. I filled out his first QSL card, put it in an envelope, and sent it on its way. That was a 'Wow!' moment for me.

Rich Soltesz – K3SOM



Some Interesting Links



Ham radio answers	https://www.youtube.com/channel/UCaBtYooQdmNzq63eID8RaLQ
Custom QSL cards and more	http://hamtoons.net/
Earth at night from the ISS	https://www.youtube.com/watch?v=FG0fTKAqZ5g
Earth from space pics	https://earthobservatory.nasa.gov/Images/?eocn=topnav&eoci=images
Current UTC time	https://www.worldtimeserver.com/current_time_in.UTC.aspx
Old time radio shows	http://www.olderadioworld.com/
Short wave info	http://www.shortwaveradio.com/
BVARA pictures	www.Flickr.com/photos/W3SGJ

For All Radio Operators

Hello everyone,

BVARA CHRISTMAS PARTY

On the next page is the list of available dinner choices for the BVARA Christmas Dinner and the corresponding prices. Please plan to **arrive around 6:00 PM** on **December 9th** at Shakespeare's Restaurant for our last activity for the 2017 year.



An optional gift exchange is planned as well. Spouses or your significant other are always welcome! Your dinner **choices** and **payment** are required **by November 9th** with a choice of three payment options:

1. Send the form and your payment check made out to BVARA to Pam or Jack Spencer via regular mail.
Pam & Jack Spencer, 322 Camilla St. Baden, Pa 15005
2. Give your form and payment check to Jack at one of the next two breakfast meetings at the Freedom Square Diner.
3. Bring your form and payment check to the November 9th BVARA meeting at the 911 Center.

This is always an enjoyable event; all are welcome, we hope you can attend!

From “all of us” at the BVARA, have a Merry Christmas!

For All Radio Operators

Christmas Dinner at Shakespeare's Restaurant Saturday, December 9th, 2017



Entrée Selection Form

Arrival time: 6:00 PM. **Dinner begins** at 6:30 PM - Private Room at Shakespeare's Restaurant, 1495 Mercer Road, Ellwood City, PA 16117
Phone number: (724) 752-4653.

BVARA Christmas Party Dinner Sit-Down Entrée Choices

(prices include tax and gratuity)

Entrée Choice	Price	Quantity
Herbed Rubbed, Roasted Prime Rib	\$ 37.00 per person	_____
Chicken Marsala	\$ 25.00 per person	_____
Apple Bourbon Salmon	\$ 27.00 per person	_____

Total Amount for Selections: _____

Dinners include green beans and red-skinned roasted herbed potatoes, tossed salad, rolls & butter, coffee, tea, iced tea and assorted desserts.

Please send your checks (payable to BVARA) either via mail to Pam or Jack Spencer, 322 Camilla Street, Baden, PA 15005. You may also give your check to Jack at the Thursday Brunch at the Freedom Square Diner or the November BVARA meeting held on November 9th, 2017 at 6:30 PM.

A voluntary \$15.00 gift exchange will be held. Please bring your gift with you. A side table will be provided by Shakespeare's.

Please include this Entrée Selection Form with your selections for dinner and your check to Pam or Jack no later than November 9th.