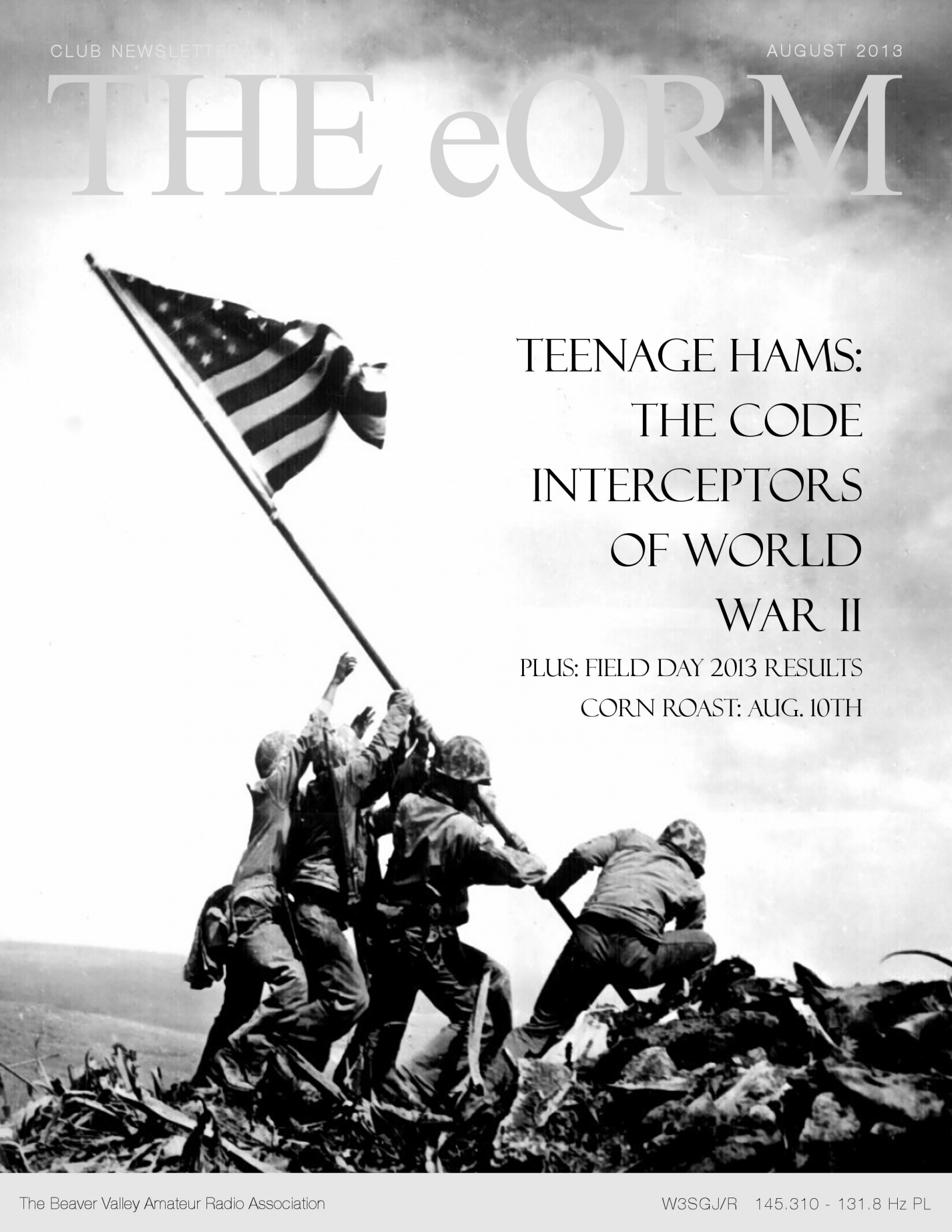


THE eQRM

A black and white photograph of four soldiers on a battlefield, raising the American flag. The soldiers are in the foreground, wearing helmets and combat uniforms, pushing up against a rocky ridge. The flag is being hoisted on a long pole, and it is partially unfurled, showing the stars and stripes. The background is a hazy, smoke-filled sky, suggesting a recent battle.

TEENAGE HAMS: THE CODE INTERCEPTORS OF WORLD WAR II

PLUS: FIELD DAY 2013 RESULTS
CORN ROAST: AUG. 10TH

THE eQRM

AUGUST 2013



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Teenage radio enthusiasts who helped win World War II. From BBC News

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Next Month

Get a preview of next month's story

CHECK INTO THE NETS

Wednesday 2 Meter
8:30PM on 145.310 MHz

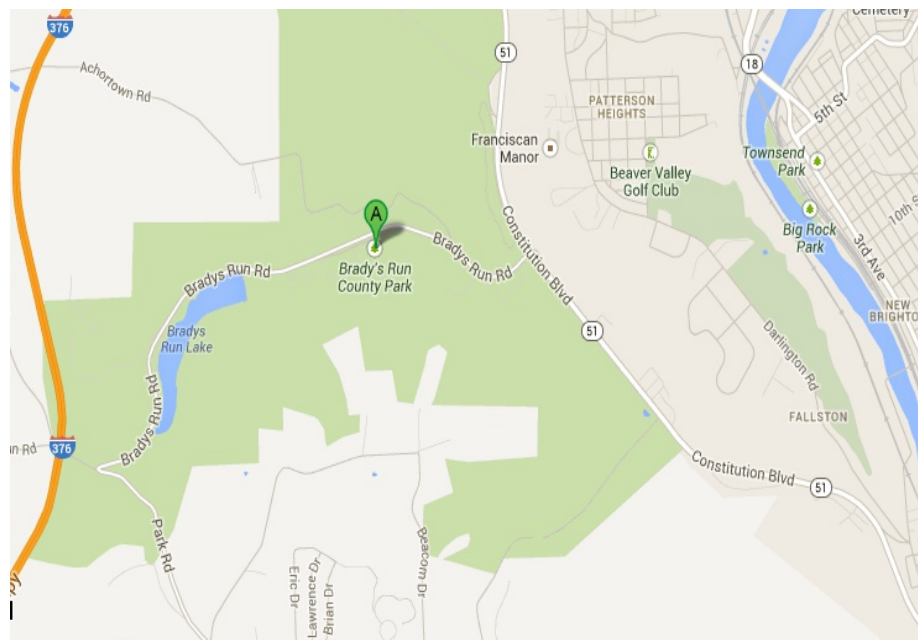
Wednesday 10 Meter
9:00PM on 28.470 MHz

Bulletins

HAMFESTS / ANNOUNCEMENTS / CLUB NEWS

Club Event/ Corn Roast 2013

Saturday, August 10, 2013. 6PM



The Facts:

Date:

Saturday, August 10, 2013

Time:

6:00 PM

Location:

Brady's Run Park, Shelter 12
(up the hill on the right, previous
Field Day site)

Who:

All BVARA members and their
families and invited guests

What:

Club furnishes the corn, hot dogs,
and hamburgers – please bring
a covered dish and your beverages

Hamfest/ Swap & Shop 2013

Sunday, August 25, 2013. 8AM - 1PM

Talk in on 146.640 - PL 131.8 MHz.

ARRL WPA Section Convention: WPA ARES Meeting and ARRL HQ Speakers

Prizes Include: Peet Brother WX Station, MFJ Antenna Analyzer, "Adventurer KEY" Fits
Portables, Hourly Door Prizes, and more

For more information, visit www.skyviewradio.net

The Facts:

Sponsored By:

Skyview Radio Society

Admission: \$3.00

\$5.00 / vendor table

Location:

Skyview Radio Society
2335 Turkey Ridge Rd.
Upper Burrell Twp. 15068

The Month Ahead

Contest Information, VE Testing and Presentation Series

CONTEST



North American QSO Party

August 3-4, 2013 (CW)
August 17-18, 2013 (SSB)

OBJECTIVE: To work as many North American stations as possible during the contest period.

BANDS:
160, 80, 40, 20, 15, 10,
except no 160 meters for
the RTTY contest.

CONTEST PERIODS:
RTTY: 1800 UTC July 20 to
0559 UTC July 21, 2013

CW: 1800 UTC August 3 to
0559 UTC August 4, 2013

SSB: 1800 UTC August 17
to 0559 UTC August 18,
2013

Log Submission: Must be
date-stamped/postmarked
no later than 7 days after
the contest.

For more information on
this contest, detailed
rules, and log submission
addresses, please visit
<http://www.ncjweb.com/naqprules.php>

VE TEST SESSION

The next test session will
be at the Beaver County
Emergency Operations
Center
351 14th Street
Ambridge, PA 15003

Time: 5:00 P.M.
(walk-ins allowed)

Date: Thursday, Sept. 12

All candidates wishing to
take the test should bring
ALL of the following:

1. Two (2) forms of
identification. One should
be a Photo ID.
2. A pencil and a blue or
black pen.
3. Your original **AND** a
photocopy of your current
license (if any).
4. Your original **AND** a
photocopy of any
C.S.C.E's (if any).
5. The test fee of \$15.00.

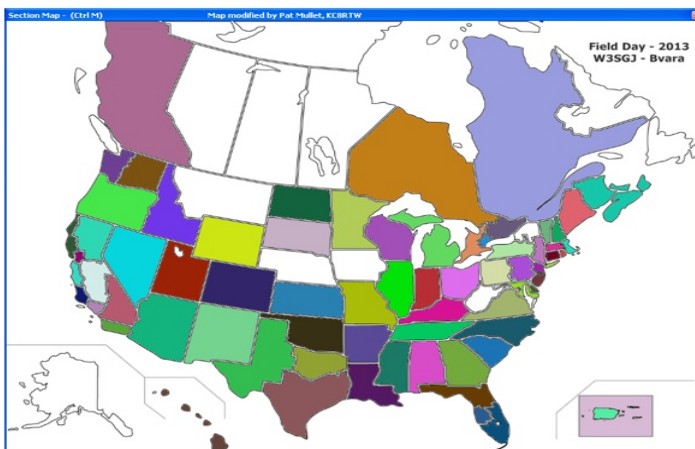
All classes of amateur
radio license tests will be
administered.

Note: No question pool
updates or releases will
take place in 2013.

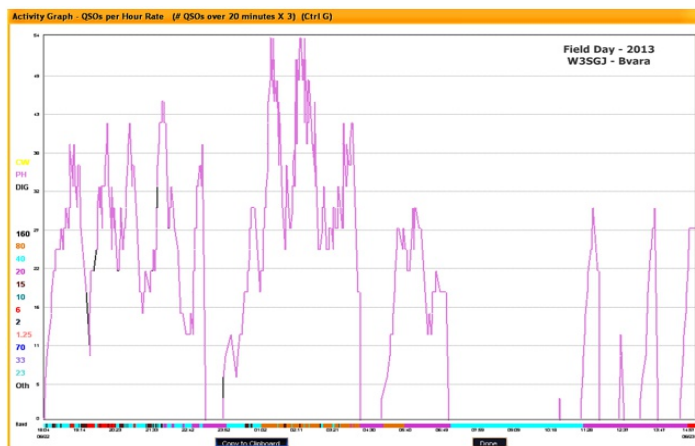
For more information,
please contact our VE Test
Coordinator:
Chris Moratis, W3OUF
1199 Highland Avenue
Ambridge, PA 15003
PHONE: 724-266-2866
cjmoratis@gmail.com

FIELD DAY 2013

Field Day Results



The results from Field Day are in! With 349 contacts and a grand total of 1562 points, Field Day was a great success. Seven operators contributed to this total, with Rich K3SOM making the largest number of contacts (144). Check out the frequency of contacts on the graph below.



WEEKLY

Thursday Morning Breakfast

The BVARA meets every Thursday at Steak n Shake in Center Township, by the Beaver Valley Mall, at 10:30 AM. All area amateurs are invited and encouraged to attend the Thursday Morning Breakfast. See you at Steak n Shake!



THE CODE INTERCEPTORS

The teenage ham radio enthusiasts
who helped win World War II

By Katia Moskvitch, From BBC News (UK)



To mark the centenary of the Radio Society of Great Britain, one of its members recalls how the amateur organisation played a key role in a covert operation to safeguard the country's independence.

One day, towards the start of World War II, a captain wearing the Royal Signals uniform knocked on a British teenager's door.

The 16-year-old was called Bob King. When he went to greet the visitor, he had no idea that soon he would become one of Britain's so-called "voluntary interceptors" - some 1,500 radio amateurs recruited to intercept secret codes broadcast by the Nazis and their allies during the war.

"The captain asked me if I would be willing to help out with some secret work for the government," remembers Mr King, now 89. "He wouldn't tell me any more than that.

"He knew that I could read Morse code - that was the essential thing."

The captain had heard about Mr King through the RSGB - an organisation for amateur radio enthusiasts. Many of its members were youngsters curious about the possibilities offered by tinkering with radio receivers.

During World War II, dozens were recruited by MI8 - a division of the British Military Intelligence department, and a cover name for the now-defunct Radio Security Service (RSS).

The purpose of their work was to intercept secret wireless transmissions by German and Italian agents in Britain.

Mr King signed the documents the captain had handed to him, which, he says, basically stated that he had "read them and knew what would happen to me if I opened my mouth too wide".

He was then given the instructions to scan shortwave bands and write down Morse code he discovered on a piece of paper.

Cracking Codes

Mr King worked from his home in Bicester, Oxfordshire, but voluntary interceptors were scattered all around Britain.

Many used their own radio equipment to eavesdrop on enemy messages.

The RSS's original headquarters had been in Wormwood Scrubs, London but in 1940 it was moved 12 miles (19km) north to the village of Arkley when German air raids threatened its efforts to analyse

and sort the intercepted data.

By mid-1941, the new base, Arkley View, was receiving about 10,000 message sheets a day from its recruits.

"I worked for five years scrutinising the logs that came in from the other amateurs - thousands of log sheets with the signals which we knew were wanted, and you could only know it from experience," remembers Mr King.

"We knew it wasn't Allied army air force, we knew it was German or Italian - various things gave that away, but it was disguised in such a form that it looked a bit like a radio amateur transmission.

"We knew it was highly important, everything was marked 'top secret,' but only many years later we discovered that it was German secret service we were listening to.



Bob King was only 16 when he was recruited by MI8

"Of course you didn't ask questions in those days, otherwise you'd be in real trouble."

Encoded messages were transmitted to Bletchley Park in Buckinghamshire, the UK's former top-secret code-cracking centre. Once decoded, the data was sent to the Allied Commanders and the UK Prime Minister, Winston Churchill.

Secret Listeners

Just like thousands of code-crackers working at Bletchley Park during the war, voluntary interceptors had to keep quiet about what they were doing.

Mr King says that they were not even allowed to mention anything to their families. His wife only found out about her husband's secret past in 1980 - more than three decades after he had stopped his interception activities.



Arkley View became the main office of the RSS during the war. It is here that the intercepted data was sorted and analysed

Now that they are allowed to speak up, he seems disappointed that this ghost army of secret civilian listeners has not been given more credit for the part it played in the Allies toppling the Nazis - including the successful invasion of Normandy.

"The main success of the voluntary interceptors was in knowing what the enemy intelligence services were doing, what they believed and didn't believe, and we managed to manipulate them in that way through the agents that we controlled," he says.

John Gould, the organiser of the RSGB's centenary celebrations, agrees. "Not only did the intercepts provide a huge amount of traffic, but through the skills of the radio amateurs 'fingerprinting' the Morse code of the German operators, supported by direction finding, the UK was able to monitor movements of the German forces," he says.

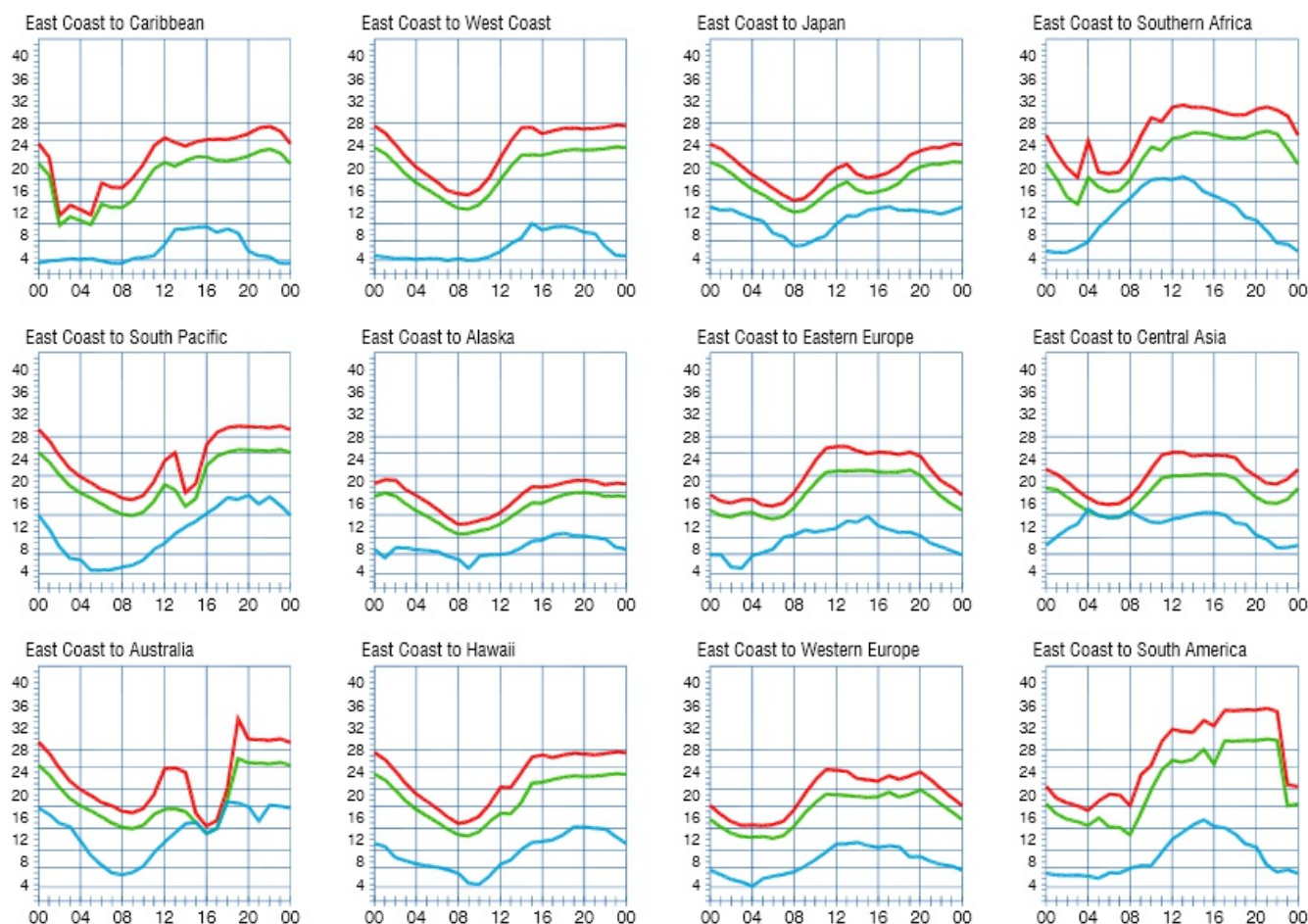
"The intelligence gained from these intercepts was reported to have been of significant importance to control enemy agents and other matters such as sabotage and deception activities." →



Some voluntary interceptors had regular meetings during and after the war - but they were not allowed to talk about their work to anyone else

Propagation Charts

From the ARRL



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)

PROPAGATION

The East Coast propagation chart listed above is for August 2013.

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>



Who We Are

Membership Information and Club Officers

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 AND/OR WORLD RADIO SUBSCRIPTION YOU PURCHASE!

Join the BVARA, ARRL and World Radio

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	

ARRL MEMBER? YES NO Subtotal: _____
Donation: _____
Total: _____

Your License Class (if any):

☐ Novice Name _____
☐ Technician Address _____
☐ General _____
☐ Advanced Email Address _____
☐ Extra Phone _____

Your Call Sign: _____ Exp. date _____

Signature _____

Make Check or Money order payable to:
The Beaver Valley Amateur Radio Association, P.O. Box 424
South Heights, PA 15081

2013 BVARA OFFICERS

President: Jack Spencer, KZ3Z
Vice President: Jeff Waite, K3SLK
Second Vice Pres.: Mark Kavic, KB3LED
Treasurer: Pam Spencer, W3PMS
Secretary: Norm Trunick, K3NJT
Director: Adam Horniak, KG3L
Director: Denny Herbuth, KR3DX
Trustee: Rich Soltesz, K3SOM
Newsletter Editor: Grant Miller, KB3QFQ

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 Operations Center
351 14th Street
Ambridge, PA 15003

on the second Thursday of every month (unless otherwise stated).

MEETING DATES

2013

August - **No meeting (Corn Roast, August 10)**
September 12
October 10
November 14
December 7 - **BVARA Christmas Party**

2014

January 9
February 13
March 13
April 10
May 8
June 12
August - **No meeting (Corn Roast, Date TBA)**

QSL CARD
Special 90th Anniversary Edition



NEXT MONTH

SEPTEMBER 2013

THE SEVENTIES

Diving deeper into the history of the BVARA

IMAGE: WIREDNEWYORK.COM