

THE eQRM



THE ROLE OF MORSE CODE IN THE STEVEN SPIELBERG FILM LINCOLN

PLUS: THIS YEAR'S PRESENTATION SERIES KICKS OFF
BY COMPARING BEAM ANTENNAS (P. 4)

THE eQRM

JANUARY 2013

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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THE COVER:

Lincoln *United States*
movie poster image
courtesy Touchstone
Pictures and 20th
Century Fox.



Actor Daniel Day-Lewis as President Abraham Lincoln in the Steven Spielberg film, *Lincoln*.

Photo courtesy of NY Daily News.

FEATURES

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The importance of authenticity in
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The BVARA is offering
a variety of used ham equipment
for sale, while they last!

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Bulletins

News From the Radio Community

SILENT KEY

Jim Stewart, W2PIG



It is with sadness, we report the passing of Jim Stewart, W2PIG, (ex WA2???, KA3EBF and KB3WC) on December 10th 2012 in Grand Island, NY.

He was a former BVARA and TAARA officer when he lived in Rochester, PA.

Jim was always laughing and making others laugh. He'll not be forgotten.

Jim lived here while serving with

the local electric workers union.

Jim is survived by his widow Mary W2AUU (ex WB2FVI) and three sons (Jim, Bill & Ted) and their own families.

Hospice was able to get Jim home for Thanksgiving and he passed away at home as well.

A memorial service for Jim was held on Saturday, December 15 at the Grand Island Holiday Inn in New York.

Sympathy cards may be sent to:
Mary Stewart
1123 La Salle Ave.
Grand Island, NY 14072

Editor's Note: The Beaver Valley Amateur Radio Association sent a sympathy card mid-December signed by our Thursday Morning Breakfast group. This obituary was not written by the BVARA or any of its club members; author is unknown.

HAMFEST

WASHfest 2013

Sunday, Feb. 24
8:00AM - 3:00PM

Admission: \$5.00

Rain or Shine (or even Snow!)

Hamfest held at Castle Shannon
VFD Memorial Hall
3600 Library Road (SR 88)
Castle Shannon, PA

Talk-In on 146.955(-) and
443.650(+) 131.8 PL

Free coffee for the entire hamfest
courtesy of Ham Radio Insurance
Associates

MAIN PRIZES

1st Prize: Yaesu FT-897DD
2nd Prize: Kenwood TM-V71A
3rd Prize: LDG AT-200 Pro Tuner
4th Prize: Clear Speech Speaker

For more information about
WASHfest, please visit
http://n3sh.org/washfest_2013.htm

Et Cetera

Contest Information, VE Testing and Presentation Series

CONTEST



North American QSO Party
Jan. 12-13, 2013 (CW)
Jan. 19-20, 2013 (SSB)
Feb. 23-24, 2013 (RTTY)

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

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

You may work a station once per band. Suggested frequencies are 1815, 3535, 7035, 14035, 21035 and 28035 kHz (35 kHz up from band edge for Novice/Tech) on CW; and 1865, 3850, 7225, 14250, 21300, 28500 kHz (28450 for Novice/Tech) on SSB.

Log Submission: Entries must be postmarked no later than 14 days after the contest.

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

CONTEST



North American Sprint
Feb. 3, 2013 (CW)
Mar. 10, 2013 (RTTY)
Mar. 17, 2013 (SSB)

All contests run from 0000Z - 0400Z.

OBJECTIVE: For North American stations, to contact as many licensed radio amateurs as possible. For non-North American stations to contact as many North American stations as possible. Each contest is only 4 hours in length.

BANDS: 80, 40 and 20 meters only. Suggested frequencies are around 3540, 7040 and 14040 kHz on CW; 3850, 7225 and 14275 kHz on SSB; and 3580, 7080 and 14080 kHz on RTTY.

For more information on this contest, detailed rules, and log submission details, visit <http://www.ncjweb.com/sprintrules.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, Jan. 10

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: A new set of Extra test questions has started being used on July 1, 2012.

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

MONTHLY

Presentation Series

The BVARA Presentation Series provides a vast array of topics and discussions, with a new topic every month at our club meetings.



This Month:

Speaker:

Rich Soltesz, K3SOM

Topic:

Yagi, Moxon, Quad, Hex, and Spider Beams Compared

Including:

Our BVARA Presentation Series begins this year with a topic of broad appeal: antennas. Each of these beam antenna designs will be analyzed with the EZNEC+ tool and compared under the same conditions. The results may just surprise you!

Are you interested in attending?
Come to the club meeting on
Thursday, January 10 at 6:30PM,
held at:

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

RICH'S BACKGROUND

Extra Class Ham, licensed since 1962
Amateur Radio Volunteer Examiner (VE)
B.S. Electrical Engineering

WEEKLY

Thursday Morning Breakfast

The BVARA meets every Thursday at Steak n Shake in Center Twp at 10:30 AM. All area amateurs are invited and encouraged to attend the Thursday Morning Breakfast.





Morse Code in 'Lincoln'

From the ARRL

Producer Steven Spielberg has used Amateur Radio or Morse code in three of his last four movies: *Super 8* (2011), *The Adventures of Tin Tin* (2011) and *Lincoln* (2012). Members of the Morse Telegraph Club (MTC) -- an association of retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry -- played an integral part in the production of *Lincoln*.

According to International President of the Morse Telegraph Club James Wades, WB8SIW, several MTC members -- including Tom Perera, W1TP; Derek Cohn, WB0TUA; Kevin Saville, N7JKD, and Roger Reinke -- provided telegraph instruments to equip the 16 operating positions portrayed at the War Department set. Jim Wilson, K4BAV, and his son Matt had roles as extras. Wilson also worked with production staff and the actors to explain telegraph technology and the role of the telegrapher in the 1860s.

"Nine of the 16 telegraph positions depicted in the War Department were fully operational," Wades said. "These instruments could be operated in any combination through the

use of a specialized computer program and custom built terminal units for the process. When necessary, a hand key could be inserted in the individual telegraph loops so messages could be improvised."

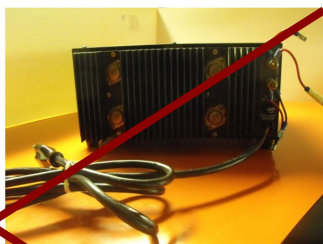
Wades, who was employed as a Technical Advisor for the production, worked with set designers over a period of months to develop the War Department telegraph scenes, coordinating the process of procuring the necessary instruments and serving as an historical consultant as the telegraph scenes were developed. He also worked the producers to develop historically appropriate message traffic that fit the sequence of the script; however, as the movie was edited, he explained that the final product evolved into a more generic facsimile of Morse traffic. "Those with a background in landline telegraphy will hear the occasional snippet of message traffic in the audio track of the movie," he said. "We are very pleased that Mr Spielberg and his staff took the time to treat the telegraph with dignity and respect. It is a pleasure to be associated with a high quality motion picture that can genuinely be classified as not just entertainment, but as a work of art." ▬

Equipment for Sale



Astron RS-35M Power Supply
25 amp cont. 35 amp surge 13.8vdc.
\$100.00 plus S+H.

SOLD



Ritz Electronics Power Supply
PS-1001MR regulated.
13.8 vdc, 8amps, 115vac input.
\$25.00 plus S&H. **SOLD**



Dentron Ant Tuner AT-1K
with manual, 160meters-
10 meters, 500 watts
\$75.00 plus S&H. **SOLD**



Ramsey Electronics PA-1
2 Meter Amplifier,
20W out with 4W in
\$30.00 plus S&H.



Palomar TX75 Amplifier.
\$35.00 plus S&H.



American Electronics
SWR/Watt Meter, model
95/134. 52 Ohms, 100 W
\$20.00 plus S&H. **SOLD**



Daiwa SWR Model CN-
520, 1.8-60mhz, 50
ohms, 2KW. (with
manual) **SOLD**
\$50.00 plus S&H.



Daiwa SWR Model CN-
550, 1.40-250 mhz, 50
ohms, 200 W, (with
manual) **SOLD**
\$40.00 plus S&H.



Trionyx TR-1000. 600
mhz Frequency Counter.
(with manual). **SOLD**
\$40.00 plus S&H.



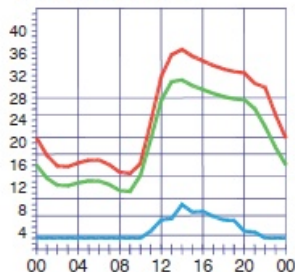
2 Turner Model +3B
microphones. \$15.00
each plus S&H.

If you are interested in buying an item, please call Chris, W3OUF at 724-266-2866

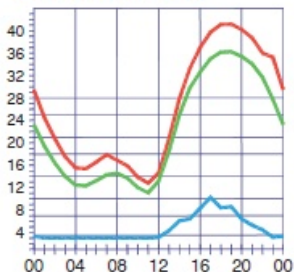
Prop Charts

From the ARRL

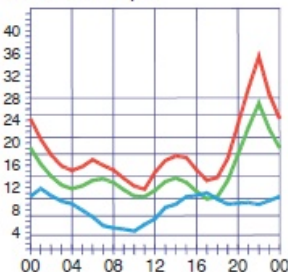
East Coast to Caribbean



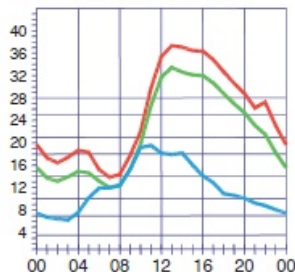
East Coast to West Coast



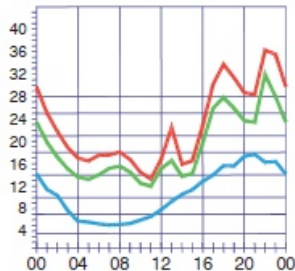
East Coast to Japan



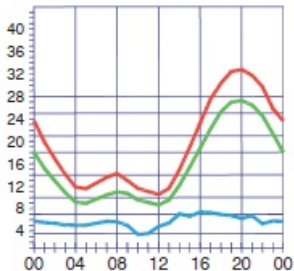
East Coast to Southern Africa



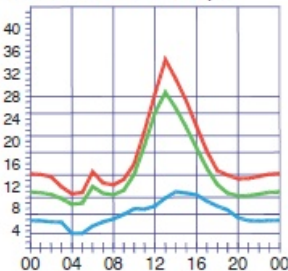
East Coast to South Pacific



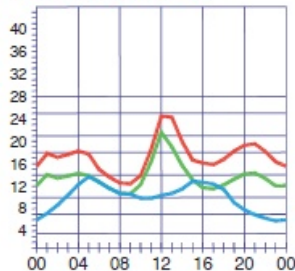
East Coast to Alaska



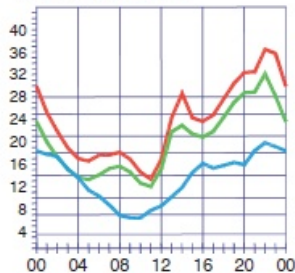
East Coast to Eastern Europe



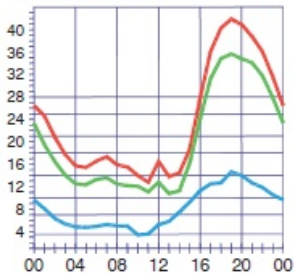
East Coast to Central Asia



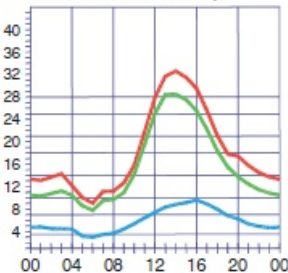
East Coast to Australia



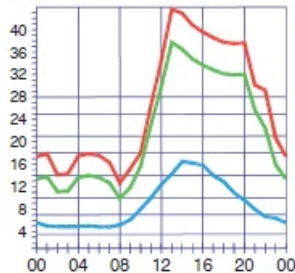
East Coast to Hawaii



East Coast to Western Europe



East Coast to South America



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 propagation chart listed above is for January 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 Homiak, KG3L
 Director: Denny Herbuth, KR3DX
 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.

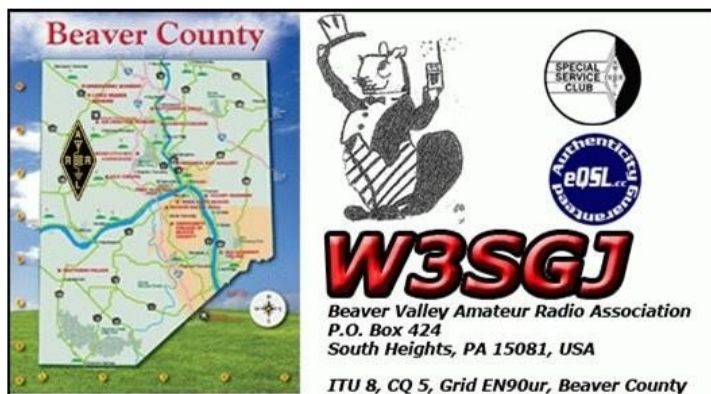
All meetings are held at
**Beaver County
 Emergency Operations Center**
 351 14th Street
 Ambridge, PA 15003
 on the second Thursday of every month (unless otherwise stated).

MEETING DATES

2013
 January 10
 February 14
 March 14
 April 11
 May 9
 June 13
 July 11
 August - No meeting (Com Roast, Date TBA)
 September 12
 October 10
 November 14
 December 7 - BVARA Christmas Party

2014
 January 9

QSL CARD



NEXT MONTH
FEBRUARY 2013

LET YOUR VOICE BE HEARD

FCC SEEKING COMMENTS ON 2007'S WORLD
RADIOCOMMUNICATION CONFERENCE
ALLOCATION DECISIONS, INCLUDING THE
CHANGING OF 160m.