

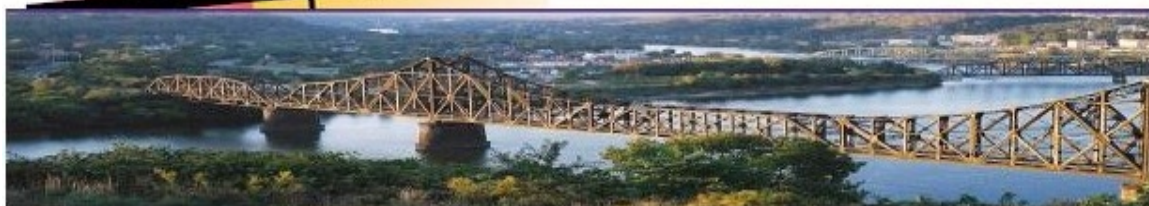


THE BEAVER VALLEY AMATEUR RADIO ASSOCIATION
WWW.W3SGJ.ORG
BEAVER COUNTYS ONLY 75 YEAR ARRL AFFILIATED CLUB!

The eQRM Newsletter

Home of W3SGJ/R
145.310- 100 Hz PL

Volume III, Issue 8
December 2009
Grant, KB3QFQ, Editor



New Technician Question Pool

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) is due to release the new Technician class (Element 2) question pool to the 14 VECs on December 1, 2009; it will be released to the public in January 2010.

Each question pool for the three Amateur Radio license classes -- Technician, General and Amateur Extra -- is reviewed on a four-year rotation. This new Technician class pool will become effective on July 1, 2010.

Inside this issue:

| | |
|------------------------|----|
| Rossi Wireless Society | 2 |
| RACES | 2 |
| TechFest Details | 4 |
| Membership Info | 5 |
| QST Prop Charts | 8 |
| Hams Love to Eat! | 9 |
| Crossword Puzzle | 11 |
| Announcements | 12 |

According to ARRL Assistant VEC Manager Perry Green, WY1O, the QPC reviews the three question pools every four years to ensure that the questions are kept current with the latest amateur practice and technology, as well as addresses information relevant to that particular license class. "In the case of the Technician pool, the question set should provide for the new Technician licensee to be able to establish his station and operate it legally, courteously and safely. The Technician question pool and exam are intended to be the beginning of the journey into the Amateur Radio Service. It prepares the person for the enjoyment of operating, and that of preparing to learn electronics, the cornerstone of the education needed to obtain the further enjoyment that can come with the higher license classes."

Green is a member of the NCVEC's Question Pool Committee. Other members of the QPC include Chairman Roland Anders, K3RA (Laurel VEC), Larry Pollock, NB5X (W5YI VEC), Jim Wiley, KL7CC (Anchorage VEC) and Tom Fuszard, KF9PU (Milwaukee VEC).

ARTICLE CONTINUES ON PAGE 6!

Letters and Emails to the Editor

The eQRM welcomes letters/e-mails to the editor. Letters must be signed and contain your contact information for verification prior to publication. Preference will be given to letters of 200 words or less. Letters are subject to editing. Unused letters will not be acknowledged or returned.

The BVARA 10 Meter Net Lunch group will be meeting every Thursday at Rainaldi's in Center Twp at 11:00 AM. All area amateurs are invited and encouraged to attend the Thursday Morning Lunch.

VE TESTS are held by the W5YI VE Team at the American Red Cross in Brighton Township, Beaver, PA. IF YOU DESIRE TO TAKE A TEST, CONTACT DALE, KE3SV, FOR THE DATE OF THE NEXT TEST SESSION.

Report time is 6:15 sharp, to fill out 605 forms and check I.D. Testing begins at 6:45 PM. Information and registration on a test session can be obtained by calling VE Team Coordinator, Dale Neely, KE3SV after 6PM.

His address and phone number are as follows:

Dale R. Neely Jr., KE3SV

444 Center St.

Zelienople, Pa. 16063

Phone: 724-452-3247

2009 BVARA Officers & Directors

President: Jack Spencer, KZ3Z

First Vice President: Robert De Marco, WA3ZRM

Second Vice President: Evan Finkelstein, KB3QFR

Secretary: Norm Trunick, K3NJT

Treasurer: Pam Spencer, W3PMS

Director: George Caffro, N3HOJ

Director: Chris Moratis, W3OUF

Trustee: Dick Hanna, K3VVY



Meetings at the new 911 Center

These are the meeting dates for 2010:

February 11

March 11

April 8

May 13

June 10

July 8

August - None, Corn Roast at Brady's Run

September 9

October 14

November 11

December - None, Christmas party



RACES & ARES

eQRM Urges ALL Beaver County Amateurs 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 (88.5 PL).

The BVARA HAM OF THE YEAR AWARD GOES TO...



Christopher Moratis
W3OUF



Be it known by all those present that Christopher Moratis, W3OUF,
is hereby granted the right, honor and privilege to bare the Title of:

**Beaver Valley Amateur Radio Association
2009 Ham of the Year**

For exemplifying through his actions and practices, the best traditions of 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.

Signed on the Twenty Fifth day of December, in the
year of our Lord
Two Thousand and Nine.

Norm Trunick, K3NJ5
Secretary

Jack Spencer, KZ3Z
President





Where **Technology**, **Scouting** & **Amateur Radio**
Come Together

*The Beaver Valley ARA BSA Explorer Post 73 **TechFest and Auction***
will be held on **February 14, 2010**, and will be held at:

The Baden American Legion
271 State Street
Baden, PA 15005

The TechFest starts at **8:00 AM** and ends at **2:00 PM**

Technology displays, Merit Badge info, BSA Exploring open house,
flea market, electronics auction, geocaching display, and more!

Rain or shine – INDOOR LOCATION!

Talk in on the **145.310** PL 100Hz repeater!

Be sure to visit **TechFest.W3SGJ.org** for up-to-date information
regarding the TechFest, including registration information, map and
directions, lodging and restaurant information, contact info and more!

IMPORTANT NOTICE!

A **Hamfest Planning meeting** will be held on **Wednesday, December 2nd at 5:00 PM** at the **Baden American Legion** to discuss our upcoming **TechFest**. If you are a member of the BVARA, please plan to attend. RSVP by emailing news@W3SGJ.org



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"/> BVARA SPOUSE/CHILD MEMBERSHIP | 5.00 | |
| <input type="checkbox"/> ONE YEAR ARRL MEMBERSHIP | 39.00 | |

Subtotal: _____
 Donation: _____
 Total: _____

ARRL MEMBER ? YES NO

Your License Class (if any):

- ☐ Novice
☐ Technician
☐ General
☐ Advanced
☐ Extra

Name _____
 Address _____

 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

STUDY GUIDES TO BE USED IN UPCOMING BVARA LICENSE CLASSES

Technician Class—*The No-Nonsense, No-Code Technician Class License Study Guide* is based on a method developed by Bruce W8BBS. What he did for the earlier question pool is to rephrase each question in the form of a statement and then organize the statements to make them readable. Bruce was unable to update his manual for the question pool that went into effect in July 2006, so he gave us permission to do it.

General Class—*The No-Nonsense, General Class License Study Guide*. This is the study guide for those taking the General Class license exam after July 1, 2007. It follows the same format as the Technician Class Study Guide. Note, though, that there are more questions in this pool, and in general, the questions are more technical than the Tech Class, so be prepared to study longer and harder than you did for the Tech test. Visit:

<http://kb6nu.com/techmanual/>
 for more info on these guides.

New Technician Question Pool

Continued from front page

Green said that earlier this year, the QPC solicited input from Amateur Radio operators concerning the new question pool, accepting input for new question topics and new questions, as well as suggestions for changes or deletions: "The QPC must rely on members of the Amateur Radio community to suggest questions and answers in a responsible manner to preserve a high level of legitimacy for our radio service, so the NCVEC QPC seeks input from the amateur community concerning a revision."

The new question pool will become effective for all examinations administered on or after July 1, 2010, and it will remain valid until June 30, 2014. The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination. This question pool will contain graphics and diagrams, something new for this element.

The current General class question pool was effective July 1, 2007 and is valid through June 30, 2011.

The current Amateur Extra class pool was effective July 1, 2008 and is valid until June 30, 2012.

***For more news like this, visit our blog at
blog.W3SGJ.org***

DECEMBER SPECIAL EVENTS

From the [ARRL](http://www.arrrl.org)

Dec 1-Dec 16, 1800Z-0400Z, Sevierville, TN. Sevier County Emergency Radio Service, W4W. Sevier County Emergency Radio Christmas QSO Party. 28.350 14.260 7.250 3.840. QSL. QSL direct to amateur operating, the W4W special event station.

n4jtg@live.com or

www.freewebs.com/aresradio/index.htm

Dec 4-Dec 7, 1400Z-1100Z, Fredericksburg, TX. Hill Country Amateur Radio Club, N5P. Opening of the George H. W. Bush Gallery at the National Museum of the Pacific War, and commemorating the hams that served in WWII. 14.255 21.275 7.275 3.940. QSL. Nimitz Foundation, 328 E Austin St, Fredericksburg, TX 78624. Also sponsored by the amateurs of Fredericksburg and Gillespie County, TX.

info@NimitzFoundation.org or

www.kerrhams.org

Dec 5, 1400Z-2300Z, Granite City, IL. The Egyptian Radio Club, Inc, W9AIU. 80th Anniversary of the Egyptian Radio Club. 14.275 14.035. QSL. Egyptian Radio Club, PO Box 562, Granite City, IL 62040-0562. Operating from our mobile van. www.w9aiu.org

LIST CONTINUED ON PAGE 10!

Wes Morar, N3ALS

Silent Key



WES MORAR, N3ALS
1926-2009

The Beaver Valley Amateur Radio Association is sad to announce the passing of Life Member, Wes Morar, N3ALS.

Wes served as past Treasurer of the Association and ran the club's 10 meter net for over 17 years.

Born April 5, 1926 in Beaver Falls, he was a son of the late Wesley and Mary Morar.

He married Irene Chima on April 14, 1950.

Mr. Morar enlisted in the U.S. Navy following high school and served for two and a half years on an aircraft carrier during World War II. He was a graduate of the University of Pittsburgh. Wesley retired as a metallurgist from J&L Steel with 40 years of service. He was a member of the

Crestmont Alliance Church for 50 years, where he held many offices. He was a radio operator and enjoyed communicating with others around the world.

In addition to his wife, Irene (Chima) Morar, he is survived by a daughter, Debra Shaffer; a son, James (Patricia) Morar; four beloved grandchildren, John and Mark Shaffer, Lilly and Casey Morar; his sisters, Violet (Guy) Tornifolio, Virginia Bradley, Gertrude (Emil) Siovaila and Sylvia (Ken) Tucker, and many neices and nephews.

In addition to his parents, he was preceded in death by a brother, the Rev. John Morar; a sister, Margaret, and his son-in-law, John Shaffer.

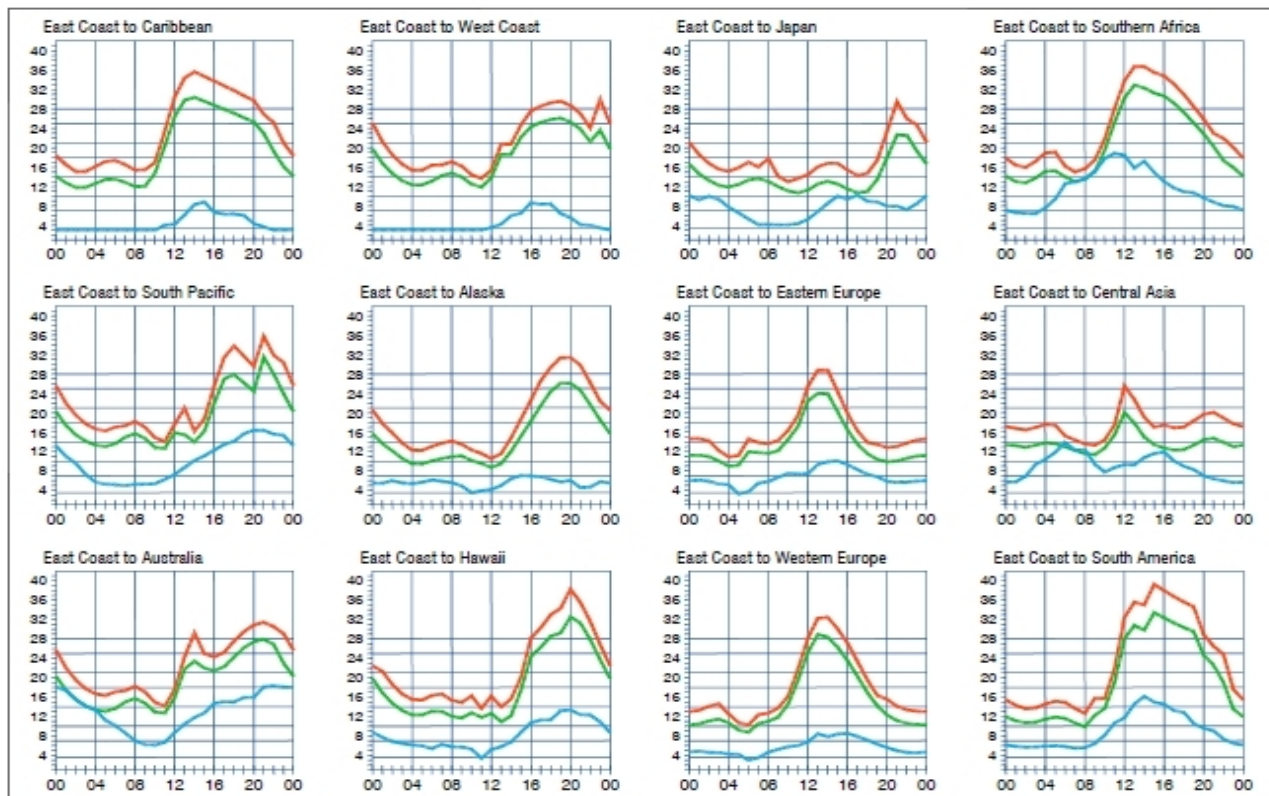
Friends were received Saturday, November 21 from 10:30 a.m. until the time of service at 12 p.m. in Crestmont Alliance Church, 100 Park Ridge Dr., Hopewell Township. Elder Clarence Rossi was the officiate.

Private interment was followed in Sylvania Hills Memorial Park, Rochester, PA.

In lieu of flowers, memorial contributions may be made to Crestmont Alliance Church or a charity of the donor's choice.

Arrangements were handled by the
TATALOVICH FUNERAL HOME AND CREMATION
SERVICES, INC.,
2205 McMinn St., Aliquippa
www.tatalovichfuneralhome.com

QST Propagation Charts



When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of December 2009 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 1999 QST, pp 34-35, for more details. The predictions assume an observed 2800-MHz solar flux value of 104. This is a Medium level of solar activity. See the detailed propagation tables on The ARRL Antenna Book CD-ROM.

The above chart is for the month of December.

FOR INFORMATION ON HOW TO READ THESE CHARTS,
[CLICK HERE](#)

W3SGJ
 Beaver Valley Amateur Radio Association
 P.O. Box 424
 South Heights, PA 15081, USA
 ITU 8, CQ 5, Grid EN90ur, Beaver County

Hams *Love* to Eat

Recipe of the Month: Blue Ribbon Chili



| | | |
|---|--|---|
| 2 lbs/900g lean or extra lean ground beef | 1 can (15 oz/420g) mushrooms | 1 can (15 oz/420g) hot chili beans |
| 6 oz/170mL (half bottle) Tropical Salsa | 1 tsp/5mL Watkins Inferno Hot Pepper Sauce (for more heat, increase to taste) | 1 can (15 oz/420g) light red kidney beans |
| 1 cup/250mL ketchup | 2 cans (15 oz/420g each) tomato sauce with chunky vegetables (or substitute one can w/green peppers and onions for one of the chunky vegetables) | 5 tbsp/75mL Chili Seasoning (more or less to taste) |
| 1/2 tsp/2.5mL Red Pepper Flakes | | 1/2 tsp/2.5mL Rosemary |

Cooking Directions

Brown ground beef and drain well. In a medium pot on medium heat, combine browned meat, Tropical Salsa, ketchup, Inferno Sauce, tomato sauce, beans, Chili Seasoning, Rosemary and mushrooms. Cook for two hours (stovetop: bring to boil and simmer for 1 hour). Add Red Pepper Flakes (if desired) and simmer for at least 1 more hour. Cool and refrigerate overnight. Reheat and serve.

Garnish with: shredded cheddar cheese, diced onions, diced green peppers, sour cream, red pepper flakes and saltine crackers.



This recipe is brought to you by Watkins
watkinsonline.com/w3sgj



Just think of all the products you currently use that can be replaced with Watkins products. By switching to Watkins' superior quality and value, you'll be **saving money** on your monthly essentials and **supporting your favorite organization**.

The BVARA receives 16% to 35% of ALL SALES MADE THROUGH THIS SITE!

If you buy flavorings, spices, salt, cooking oil, soup, desserts, dip mixes, moisturizers, lip balms, room fresheners, glass cleaners, cough medicines, dietary supplements, laundry detergents, or anything similar, head over to www.watkinsonline.com/w3sgj and make the switch to Watkins today!

DECEMBER SPECIAL EVENTS

Continued from page 6

Dec 5, 1700Z-2359Z, San Deigo, CA. USS Midway (CV 41) Museum Radio Operations Room, NI6IW. Pearl Harbor Remembrance Day. SSB 14.320 7.050 PSK-31 7.070 CW 14.060 7.055 D-STAR 2m/70cm SOCAL rep. QSL. USS Midway Museum Radio Station, 910 N Harbor Dr, San Diego, CA 92101. kk6fz@arrl.net

Dec 5-Dec 6, 1400Z-2200Z, Baltimore, MD. ARC of the National Electronics Museum, W2W. Pearl Harbor Remembrance Day. 14.241 14.041 7.187 7.041. Certificate. ARCNEM, Box 1693 MS 4015, Baltimore, MD 21230. QSL and certificate available. k3nem.org

Dec 5-Dec 6, 1600Z-2000Z, Gates Mills, OH. Gilmour Academy Amateur Radio, ND8GA. Opening of new \$18 million Gilmour Athletic Center. 14.265 7.265. Certificate. Gilmour Amateur Radio, ND8GA, 34001 Cedar Rd, Gates Mills, OH 44040. ganet.gilmour.org/faculty/kanek/AmateurRadio.aspx

Dec 7, 0000Z-2359Z, Wilmington, NC. Azalea Coast Amateur Radio Club, NI4BK. Pearl Harbor Day from Battleship North Carolina. 14.255 14.030 7.255 7.030. QSL. Azalea Coast ARC, PO Box 4044, Wilmington, NC 28406. Will be using restored original WWII CW equipment. www.ac4rc.org

Dec 7, 1500Z-2245Z, Baton Rouge, LA. Baton Rouge and USS Kidd Amateur Radio Clubs, W5KID. Pearl Harbor Day. SSB: 15 20 40 m Gen & above RTTY subband CW: QRP sub bands. QSL. W5KID, 305 S River Rd, Baton Rouge, LA 70802. Primary frequency is 20 meters. www.lsu.edu/brarc/uss_kidd.htm

Dec 12-Dec 13, 1400Z-0200Z, Nazareth-Bethlehem, PA. Christmas City and Delaware-Lehigh ARCs, WX3MAS. Annual Christmas greetings from the Twin Christmas Cities. 28.465 21.365 14.265 7.270 3.970. Certificate. CCARC/DLARC WX3MAS, Greystone Building Gracedale Complex, RR 8, Nazareth, PA 18064. Times are daily. www.dlarc.org

Dec 12-Dec 13, 1700Z-0300Z, Fort Lauderdale, FL. Broward Amateur Radio Club, W4AB. Fort lauderdale Winterfest Boat Parade. 14.250 7.200. QSL. Steve Adams, 1017 SW 4th Ter, Pompano Beach, FL 33060. n4jrw@comcast.net

Dec 16-Dec 26, 1300Z-0500Z, Granite Peak, MT. Beartooth Climbers, W7G. Radio and Science at the Summit of Montana. 146.52 14.280 3.920 20 m and 80 m weather permitting. QSL. Coordinator, 20 Tai Ln Apt 5, Bozeman, MT 59715.

Dec 18-Dec 20, 1700Z-2200Z, Wheeling, WV. Northern Panhandle Amateur Radio Club, W8ZQ. Festival of Lights Oglebay Park. 75 40 20m Gen bands. Certificate. Joe McCready, WB8CTC, PO Box 192, Blaine, OH 43909.

Dec 19, 1400Z-2100Z, Belen, NM. Valencia County Amateur Radio Association, KC5OUR. Christmas from Bethlehem (Belen, New Mexico). 28.373 21.37 14.273 7.273. QSL. VCARA, PO Box 268, Peralta, NM 87042. www.qsl.net/kc5our

Dec 19-Jan 3, 1500Z-0300Z, Cookeville, TN. The Upper Cumberland DX and Contest Group, W4T. Tennessee Christmas. SSB CW all bands. QSL. Bob Raymer, N2BR, 772 E Jere Whitson Rd, Cookeville, TN 38501.

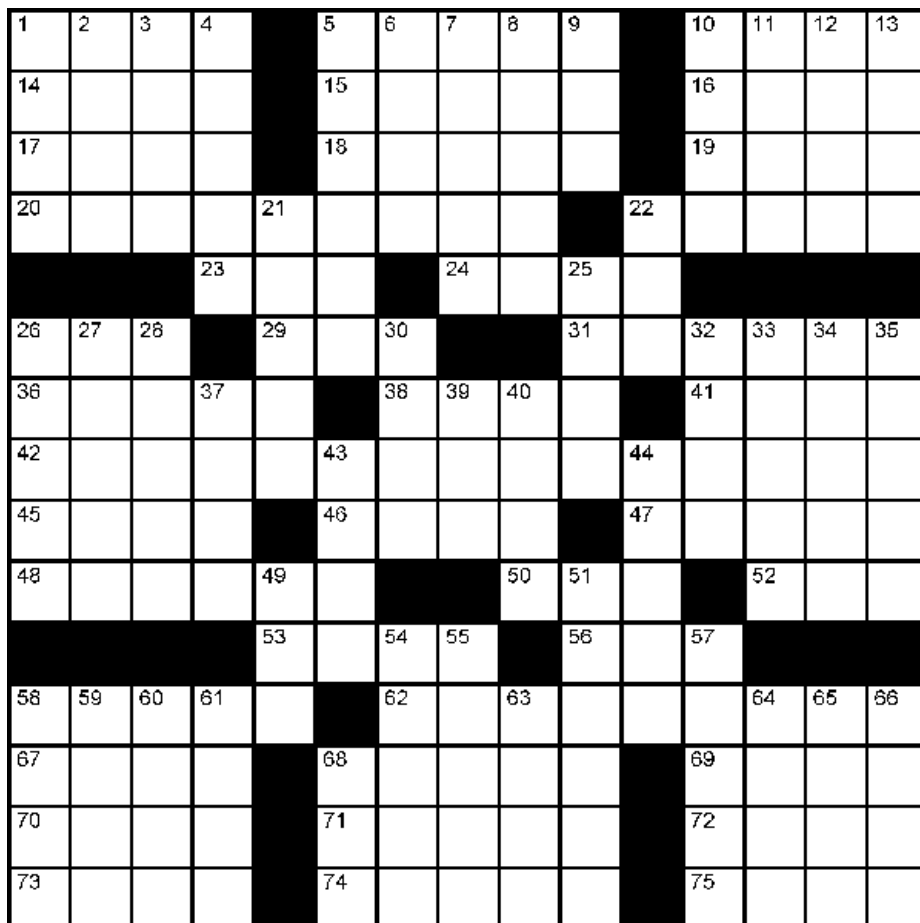
ANSWER TO THIS ISSUE'S CROSSWORD:

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | N | N | I | | T | C | E | R | E | | T | R | O | S |
| A | R | A | H | | N | O | N | E | T | | A | I | H | T |
| Y | A | R | G | | E | R | O | D | A | | E | D | C | I |
| R | E | I | F | I | L | P | A | M | A | | R | E | Y | K |
| | | | E | L | E | | O | W | T | P | | | | |
| D | E | N | | O | R | H | | | N | A | M | R | E | T |
| E | N | O | T | C | | S | M | S | I | | R | A | L | A |
| R | O | S | S | E | C | O | R | P | H | C | E | E | P | S |
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| | | | A | S | A | N | | M | O | V | | | | |
| R | E | M | O | P | | R | O | T | A | L | U | D | O | M |
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| M | O | C | I | | T | E | P | I | | S | I | H | T | |
| X | I | S | R | | N | O | X | O | M | | R | W | S | V |

CROSSWORD PUZZLE - "SIGNAL MAKERS"

Lots of pieces play together to create a signal on the air.

from the [ARRL Website](http://www.arrl.org)



Down

1. DVM predecessor
2. "QSY!"
3. "___ Thing"
4. Q followers
5. JD1 name
6. "Get ___!"
7. It's a gas
8. Probably contains a 41 across
9. W5 sect.
10. KP4 name
11. Harbor vessel
12. Turin prefix
13. Apache or Cheyenne, e.g.
21. Gates' job
22. Hole goal
25. Span's partner
26. Amateur 24 across partner
27. Having two parts
28. RIT button
30. Swindles
32. 90 degrees
33. Illegal lighting?
34. Belfast prefix
35. Cut down
37. School session
39. Ready for firing
40. "Gee!"
43. Kink companion
44. Gut bug
49. MI, MO and MT QP mo.
51. Give in
54. Water walker
55. Bratislava prefix
57. CD followers
58. SB-401, 301, 201 and 101, once
59. EME artifact
60. Y2K part
61. Menu option
63. CPU part, abbr.
64. EP place
65. Take home
66. SM-land rugs
68. Took the cake, say

Across

1. Ant. Meas.
5. Cousin of 38-across
10. Caucasus region prefix
14. Part of DE, on phone
15. Lid like
16. PW1 maker
17. Part of 23 across
18. Eastern zone-36 prefix
19. NA or SA, e.g.
20. Encoder, in a way
22. Last stage, with 62 across
23. Measuring dev.
24. W5LFL's employer, once
26. SDR part
29. Band booking
31. RX starter
36. Prefix with -band
38. Parasitic array
41. Part of a score, maybe
42. Political pundit?
45. Apple spray
46. Theories
47. Lisbon prefix
48. Seminal radio textbook author
50. Equipment seller
52. Homer's neighbor
53. Eastern zone-28 prefix
56. Dir., for one
58. Dit dah doer
62. See 22 across
67. Tea type
68. Dig, so to speak
69. Eight in some circles
70. HS denizen
71. Part of some joints
72. Dayton digs
73. QSL bureau process
74. Put up, as a crank-up, say
75. Lodges

ANNOUNCEMENTS



Did you know that help me earn my own way through Scouting by **buying popcorn**?

Just [click here](#) and place an order on my behalf. There are new products offered online, like flavored almonds and a limited edition BSA tote.

70% of your purchase will be returned to me, my unit and my council. Online purchases help us fund fun, educational activities and help more kids experience all the things that make Scouting great.

You can even buy popcorn all year 'round!

Thanks for your support!

Grant, KB3QFQ

Eagle Scout in Baden **Boy Scout Troop 405**

Visit the blog for even **MORE** news articles and announcements! If you **comment** on the blog, you can affect what **goes in the newsletter** and **on the blog**!

The blog is also the official source for our upcoming TechFest! So if you want the news first, visit our blog!

Make sure you check it out today at

blog.W3SGJ.org