

telstar



THE NEWSLETTER OF STARS (SOUTHTOWNS AMATEUR RADIO SOCIETY)

OCTOBER 2008

VOL 42 Issue 2

EARTH SCIENCE DAY AT THE PENN DIXIE SITE

STARS will once again take part in Earth Science Day at the Penn Dixie Site on Saturday October 11th from 9 a.m. to 3 p.m. The event introduces the public (mainly kids) to the earth sciences and provides an opportunity to learn first-hand what earth scientists do and the importance of earth sciences to society.

The event is FREE to the public and is held rain or shine. Exciting activities are planned, including drilling/rock-coring and gold-panning demonstrations. Boy and Girl scouts can earn credit toward merit badges and pins.

We'll be setting up the club rigs and a display about what amateur radio is all about focusing on radio wave propagation. Club members will be there to answer any questions the kids (or their parents) may have.

The more STARS members that come out, the better. We'll be out there setting up the antennas Friday evening. We'd love to have you join us on Friday or Saturday, contact John Crawford KB2VWC 649-5933 the Penn Dixie committee chairperson if you are available.



OCTOBER MEETING

This month's club meeting will begin at 7:00 PM on Thursday October 2 at the Hamburg Youth Center (corner of Prospect and Hawkins Avenues). All interested in amateur radio are invited to attend. Neither club membership nor an amateur radio license is required.

We look forward to seeing you there!



HAPPY OCTOBER BIRTHDAY!

- 6th: John DiLivio K2CF
Judy Levan N2TEZ
- 7th: Larry Dietz AA2GW
Brad Feltz N2DNR
Jim Moxon N2OSL
- 11th: Ralph Miller KA2WCU
- 18th: Paul Julyan WB2KFL
- 19th: Dave Baco WA2TVT
- 27th: Dave Green KC2BLF
- 31st: Keith Patterson KC2DGC



VE SESSION

STARS held a VE Test Session on Saturday September 13th. The session was held at the Hamburg Youth Center (corner of Prospect and Hawkins Aves.)



The STARS VE Team included Scott KB2KOL, Ed N2ING, Jim N2TFA, Paul W2PIP and Judy N2TEZ. It was Paul's first VE Session since being accredited as a VE. (Congrats Paul!)

John Morrow took and passed the technician test. Congratulations to John **KC2TXV!**

The next STARS Test Session is scheduled for November 8th at the Youth Center. Walk-ins are allowed, but pre-registration will speed up the check-in process. For more information, or to register for the test, contact John Crawford KB2VWC 649-5933.

Like STARS, other local clubs hold VE sessions.

Lancaster ARC will be holding test sessions on a quarterly basis. For information on or to pre-register for Lancaster exams, call Hal Cameron NH7R at 832-0031. Pre-registration is required.

ARATS will be hold test sessions on the first Saturday of the month (except when falling on a holiday weekend, when they will be on the second Saturday) starting promptly at 10AM at the North Tonawanda Fire Headquarters at 495 Zimmerman Street. Walk-ins accepted, pre-registration is highly recommended. For information on or to pre-register for ARATS exams, call Vic Godzik K2YW at 694-9738 or email k2yw@hotmail.com.

PROS holds test sessions as needed at 585 North Star Road, East Aurora. For information, contact Pat Murray NW2I at 652-8178.

WHERE WE'VE BEEN...

10 years ago

...from the Telstar October 1998

All proposed changes to STARS constitution in last month's newsletter were passed at the September meeting. As noted, this allows absentee balloting for club officers for the first time.

15 years ago

...from the October 1993 Telstar

This month's talk will be given by Bob W2WVC on EMI (Electro Magnetic Interference), which includes RFI (Radio Frequency Interference) a more commonly known term to most hams. His talk will include not only amateur induced RFI problems, but associated RFI emanating from devices, external rectifiers, etc. that interfere with amateur radio reception.

25 years ago

...from the October 1988 Telstar

The WB2ELW repeater has been updated once again and is not even better than ever. The new receiver is doing a great job of pulling 'em in. It's sensitivity has eliminated many dead spots, picket fencing and other problems experienced before, and allowing many of you to access it with less power.

35 years ago

...from the October 1973 Telstar

Guz will be at WB2ELW each Thursday from 7-9 PM starting October 11th. At present, Guz is station trustee, Jack K2EQB is technical advisor and Bob WA2VVF is antenna specialist.

40 years ago

...from the October 1968 Telstar

We would like to congratulate Don Blachura (ex WN2CEF) on passing his General exam.



STARS has been designated a Special Service Club by the ARRL.

JAMBOREE ON THE AIR

Jamboree on the Air will celebrate its 51th year this year when it gets on the air October 18-19.



An on-the-air operating event sponsored by the World Scout Bureau, JOTA was founded in 1958 by Les Mitchell, G3BHK. It has grown to become the largest international Scout event. More than half a million Scouts and Guides in more than 100 countries participate in JOTA, involving as many as 10,000 Amateur Radio stations. JOTA is a true Jamboree during which Scouting experiences are exchanged and ideas are shared. It's a unique opportunity for each individual Scout to get the real feeling of belonging to a worldwide movement.

The event relies on the Amateur Radio community and local hams for its success. Getting Boy and Girl Scouts (including Cubs and Brownies) on the air to talk with other Scouts around the world provides a great opportunity to expose youth to Amateur Radio. Scouts usually enjoy communicating by speaking into a microphone, but some radio amateurs are able to provide other modes, such as slow-scan TV or amateur TV, satellites, packet radio, RTTY or even EME!

TELSTAR BY EMAIL

Are you still receiving a paper copy of the Telstar? Why not consider getting it by email. Why get the Telstar by email?

1. You'll receive all the latest news about STARS faster. The Telstar is posted to the web, emailed, and dropped in the mailbox the same day.
2. You'll be helping out the club by saving us costs of printing and postage.

If you would rather get your Telstar my email, send me (Judy) a note at n2tez@msn.com.

NOMINATIONS MONTH

Don't forget...at this month's meeting we'll be accepting nominations for STARS officers for 2009.



Isn't it time you stepped up?

GREATER BUFFALO HARVEST HAMFEST & WESTERN NEW YORK ARRL SECTION CONVENTION

Sponsored by the Lancaster Amateur Radio Club

When: Sunday October 5, 2008

Where: Ismailia Shrine Center
1600 Southwestern Blvd RT 20
West Seneca, NY 14224

7:30 AM Hall opens for general admission

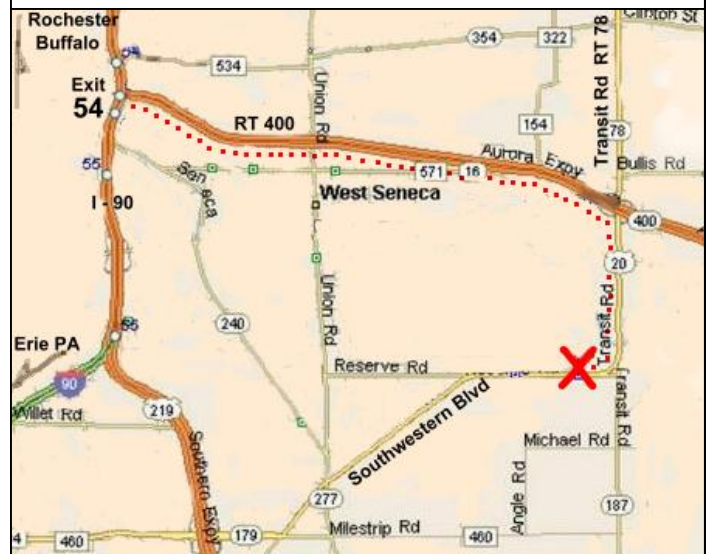
9:00 AM VE Test session

11:00 AM Talk-in Prize Drawing \$25

Talk In 147.255 + pl 107.2

Hamfest Web Site: gghamfest.hamgate.net

Admission: only \$7



Being 'over the hill' is much better than being under it!

THIRD ANNUAL ARRL ON-LINE AUCTION

The Third Annual ARRL On-Line Auction kicks off October 23, running until November 1 on the ARRL Web site <<http://www.arrl.org/auction>>. This is your chance to pick up one-of-a-kind Amateur Radio items. To see what the Auction will offer this year, be sure to check out the Auction preview that begins October 16. Last year, the Auction attracted more than 3000 registered bidders from more than 40 countries. While the majority of buyers were from the USA, Canada and the UK, there were buyers from Australia, Malaysia, Grenada, Vietnam and Tanzania.

According to ARRL Chief Operating Officer Harold Kramer, WJ1B, "Last year's on-line auction -- our second -- proved to be a successful and enjoyable event for both hams and ARRL staff members alike. When the bidding ended, we realized that we had sold 162 items and raised just over \$50,000." Proceeds from the auction benefit ARRL education programs including activities to license new hams, strengthen Amateur Radio's emergency service training, offer continuing technical and operating education, as well as creating instructional materials.

ARRL Business Services Manager Deb Jahnke, K1DAJ, encouraged everyone to come and peruse the wide variety of offerings: "Browse through the Web site frequently, as items will be added on a daily basis. We also encourage you to look through the 'Help' and 'About Us' sections. You'll find useful information about bidding, FAQs and a host of other facts. To ensure an enjoyable experience, please be sure to read all policies under the 'About Us' section."

This year's auction will again include many transceivers and other items that have appeared in the QST

Product Review column and have thus been thoroughly tested by the ARRL Lab. There will be many vintage items offered, as well. Also, returning by popular demand will be four ARRL Lab unique "junque" boxes. These boxes have a starting bid of \$50 and have almost anything you could ever possibly imagine in them. No one -- except the ARRL Lab staff -- knows what exactly is inside each box, but each is guaranteed to be full of things that the Lab staff consider valuable (but keep in mind that they collect just about anything).

Jahnke said that due to many requests last year, "all product review items in the On-Line Auction include a link to a PDF file of the actual Product Review, as well as a reference to the QST issue that the review appeared in."

A REMINDER!

Our club house chairman, Don K2PMC, reminds all club members that the STARS Club House at the NIKE Base will again be open on Thursdays starting October 8th at 7PM and will be open each Thursday (with the exception of regularly scheduled STARS monthly meetings at the Hamburg Youth Center).



STARS
Hamburg, NY

STARS Board of Directors

President	Keith Patterson KC2DGC
Vice President	Scott Barto KB2KOL
Treasurer	Jack Cullum KB2ESM
Fin. Secretary	Judy Levan N2TEZ
Secretary	Wayne Carpus W2ZDP
Director	John Crawford, Sr. KB2VWC
Director	Ken Pokigo KC2AYK
Past President	Bob Koster KA2WYE



WELCOME BACK TO STARS!

At the September meeting: an application for membership by past member Dana Laurie K2SIT was approved.

DATES TO REMEMBER

October 2nd—General STARS Meeting

October 23rd—STARS Board Meeting



CLUB MEETINGS

Club meetings are held on the first Thursday of the month at 7:00PM at either the Hamburg Youth Center (Prospect and Hawkins Avenues) or the NIKE Base Club Station.

Board meetings are held on the fourth Thursday of the month at the Nike Base Club Station at 7:30PM and are open to all club members.

CLUB NETS

STARS club nets are open to all to exchange information on local amateur radio activities.

STARS WB2EZX Memorial HF net meets at 10AM local time on Saturdays on 3.925 MHz +/- QRM. Bob Lehning WA2YSJ is usually the net controller.

STARS co-sponsors, along with WB2JPQ, the Sunday morning RagChew Net at 9:30AM on 28.380 Mhz.

OCTOBER SPECIAL EVENTS

Oct 1-Oct 6, 2200Z-0500Z, Cleveland, OH. NASA Glenn Amateur Radio Club, NA8SA. 50th Anniversary of the beginning of NASA operations. 14.280 7.280 3.880 1.880. QSL. NASA Glenn Amateur Radio Club Lewis Field, 21000 Brookpark Rd, MS 8-1, Cleveland, OH 44135-3191. www.grc.nasa.gov/WWW/Clubs/NA8SA

Oct 1-Oct 31, 0100Z-2359Z, All call areas. North American QRP CW Club, N3A. North American QRP CW Club Fourth Anniversary. All QRP frequencies. Certificate. Tom Mitchell, WY3H, 210 Garretts Run Rd, Kittanning, PA 16201. Certificate and QSL available. wy3h@arrl.net or www.arm-tek.net/~yoel

Oct 4-Oct 5, 0000Z-2359Z

Celebrating Motorola's 80th Anniversary

Holtsville, NY. Symbol Technologies Amateur Radio Club, WB2MOT. 28.410 14.310 14.070 7.280. Certificate. STARC, Mail Stop B-19, One Motorola Plaza, Holtsville, NY 11742. www.jsconsulting.com/starc

Libertyville, IL. Motorola Amateur Radio Club, KMOTO 21.350 14.310 7.280 3.860. Certificate. Motorola Amateur Radio Club, 1931 Prarie Square #211, Schaumburg, IL 60173-4130. www.qsl.net/k9mot/activities/80.html

Plantation, FL. Motorola Amateur Radio Club, W4MOT. 14.310 14.045 7.280 7.035. Certificate. Motorola Amateur Radio Club, Room 2200, 8000 West Sunrise Blvd, Plantation, FL 33322-4104. w4mot.org

Schaumburg, IL. Motorola Amateur Radio Club, K9MOT. 21.350 14.310 7.280 3.860. Certificate. Motorola Amateur Radio Club, 1931 Prarie Square #211, Schaumburg, IL 60173-4130. www.qsl.net/k9mot/activities/80.html

(Continued on page 6)

CLUB REPEATERS

The club repeater (WB2ELW/R) is located near Colden, NY (147.09/.69 output/input) with a PL of 107.2 Hz). Use a PL of 141.3 for the Nike Base remote receiver.

STARS honorary southern repeater (KE2VW/R) is in Arkwright, NY (146.67/.07 output/input with a PL of 107.2 Hz). The club UHF repeater is location near Colden, NY (442.325 MHz with a PL of 107.2 Hz).

(Continued from page 5)

Oct 4-Oct 5, 1500Z-2200Z, Pittsburgh, PA. Bob Mente (Rotarians of Amateur Radio), K3R. Public demonstration of amateur radio under FD 1E conditions. 14.330 14.245 7.195 7.100. QSL. Bob Mente, 305 Ewing Rd, Carnegie, PA 15106-1509. www.kb3nuq.com

Oct 10-Oct 12, 1200Z-2200Z, Tuskegee, AL. Tuskegee Airmen Amateur Radio Net, W4T. Grand Opening of Tuskegee Airmen National Historic Site. 7.228 7.100 CW 14.290. QSL. Tuskegee Airmen ARS, 2220 West Coil St, Indianapolis, IN 46260. *Times are daily.* na9y@arrl.net

Oct 10-Oct 19, 0000Z-0000Z, Quincy, IL. Western Illinois Amateur Radio Club, K9L. 150th Anniversary of Lincoln Douglas Debates. 14.250 17.150 7.250. Certificate. Robert Mitchell, 6825 Gardner Expy, Quincy, IL 62305.

National Wildlife Refuge Week

Oct 10-Oct 12, 1800Z-1800Z, Marble Falls, TX. W5-National Wildlife Refuge Amateur Radio Club, W5NWR. Balcones Canyonlands National Wildlife Refuge. 14.900 14.255 7.200 7.080. QSL. Mike Thomas, 5717 Puerto Vallarta Dr, N Richland Hills, TX 76180. www.nwrweek-radio.info

Oct 11, 1300Z-2000Z, Woodbridge, VA. K4 National Wildlife Refuge Amateur Radio Club, K4NWR. Occoquan Bay NWR. 18.155 14.265 14.073. QSL. Brad Farrell, K4RT, 7423 Salford Ct, Alexandria, VA 22315. www.k4nwr.org

Oct 11-Oct 19, 1500Z-2000Z, Newburyport, MA. Pentucket Radio Association, K1W. 21.310 14.265 7.240 3.880. QSL. Larry Caruso, K1LGC, 77 Whittier Rd, Haverhill, MA 01830. www.pra625.org

Oct 11-Oct 19, 1600Z-1900Z, Seney, MI. Lake Effect Amateur Radio Club, KD8DKU. 21.295 14.295 14.070 7.295 7.095 QRS. QSL. Lake Effect ARC/NWR2008, 36 Southfork St, Marquette, MI 49855. *Certificate and QSL available.* www.lakeeffectarc.info/N8W-Seney

Oct 11, 1600Z-2300Z, San Diego, CA. USS Midway CV-41 Museum Radio Room, NI6IW. US Navy Birthday in 1775. SSB 14.325 7.250 CW 14.060 7.040 BPSK 7.070-7.080 MT63 14.109 7.037 RTTY 14.080 7.080. QSL. USS Midway CV-41 Museum Radio Room, 910 N Harbor Dr, San Diego, CA 92101. af6ha@yahoo.com

Oct 11-Oct 12, 1500Z-2100Z, Durant, OK. Durant Amateur Repeater Association, W5I. President Eisenhower's Birth in Denison, TX. 28.355 14.250 147.39+. QSL. David Booth, K5YM, 409 Umstead Dr, Colbert, OK 74733. k5ym@yahoo.com

Oct 13-Oct 19, 0900Z-1600Z, Farnborough, Hampshire, ENGLAND. Farnborough & District Amateur Radio Society, GB1CODY. 100th Anniversary of the First Powered Flight in England. 14.250 7.050. QSL. All QSOs will be acknowledged. *Times are daily.* 0900-1200Z, 7.050; 1200-1600Z, 14.250. www.grz.com/gb1cody

69th Coast Guard Auxiliary Anniversary

Oct 18, 1400Z-2200Z

Buchanan, TN, W4D. QSL. Kenny Johns, 52 Buttonwood Dr, Jackson, TN 38305. ab4eq@eplus.net

Delaware City, DE, N3G. QSL. Robin M. Begley, 3 Pancoast Ave, Aston, PA 19014-2109. nd3e@comcast.net

Fort Lauderdale, FL, K4Z. QSL. Don Drennon, 11500 NW 35 Pl, Sunrise, FL 33323.

Hyattsville, MD, K3A. QSL. W. Joe Saunders, 1520 Jutewood Ave, Hyattsville, MD 20785. K3UAL2@juno.com

Lighthouse Point, FL, N4Z. QSL. Elizabeth Clark, 2231 NE 46th St, Lighthouse Pt, FL 33064. captmm@bellsouth.net

Londonderry, NH, N1C. QSL. N1BPO, 28 Devonshire Ln, Londonderry, NH 03053. gstapleford@verizon.net

Media, PA, K3G. QSL. Daniel Amoroso, 196 Dam View Dr, Media, PA 19063.

Trenton, MI, N8A. QSL. Bill Meahan K8QN, 1951 S Globe St, Westland, MI 48186-3930. cgauxie@wa8tzg.org

Cartersville, GA, N7Z. QSL. Jim Farley, KG4FXV, PO Box 641, Smyrna, GA 30081-0641. kg4fxv@arrl.net

Coeur d'Alene, ID, K7A. QSL. Bob Kesson, K7CGA, 2531 E Hanley Ave, Coeur d'Alene, ID 83815-9542. k7cga@arrl.net

Fond du Lac, WI, K9Z.. QSL. Pat Knowles, 418 Wilson Ave, Fond du Lac, WI 54935. patandli-sa2@charter.net

Holden, MA, W1D. QSL. William Latimer, WA4DDH, PO Box 159, Holden, MA 01520.

Merchantville, NJ, K2JXW. QSL. James H. Weidner, 114 Woodbine Ave, Merchantville, NJ 08109-1854. weidner@waterw.com

Merritt, NC. W4C. QSL. KB2NNC, 35 Bayview Dr, Merritt, NC 28556. kb2nnc@arrl.net

Miami, FL. W4B. QSL. James Carlin, 9450 SW 51 St, Miami, FL 33165.

Moneta, VA. N4V. QSL. Jeffrey D. Demers, 3201 Evington Rd, Evington, VA 24550. kd4oom@arrl.net

Plano, TX. W5A. QSL. Jerrel B. Jones, 2025 Meadowcreek Dr, Plano, TX 75074. jerrelj@gte.net

Rowlett, TX. K5K. QSL. Charlie Myers, 9405 Water-view Pkwy, Rowlett, TX 75089-8427. ke5nrf@arrl.net
Sewaren, NJ. K2S. QSL. Brad Williams, 355 Remsen Ave, Avenel, NJ 07001.

Trinity, AL. K4C. QSL. Joe Kleri, 105 Meadowview Dr, Trinity, AL 35673-6508. N8ESI@arrl.net

US Coast Guard Training Center - Yorktown, VA. W4Y. QSL. Joe Safranek, K4JJS, 8778 Marlfiled Rd, Gloucester, VA 23061-3118. k4jjs@arrl.net

Yorba Linda, CA. W6A. QSL. Roy L. Lay, 219 Beal Ave, Placentia, CA 92870.

Puyallup, WA. N7A. QSL. Larry Smith, 10902 141st St Ct E, Puyallup, WA 98374. ab7fj@comcast.net

St Thomas, VI. N2A. QSL. Deborah Thomas, PO Box 9280, St Thomas, VI 00801. np2dj@arrl.net

Panama City Beach, FL. N4P. QSL. Jim Clary, ND9M, PO Box 18095, Panama City Beach, FL 32417-8095. vq9jc@qimail.af.mil

Plano, TX. N5A. Anniversary QSL. Walt Evanyk, W8KSW, 3200 Sherrye Dr, Plano, TX 75074-4693. sheneford@aol.com

Oct 18, 1300Z-2100Z, Kingston, MA. Taunton Area Communications Group, KC1TAC. JOTA at Camp Norse. 147.430 14.290 7.090-190 18.140. QSL. Taunton Area Communications Group KC1TAC, 81 Fremont St, Taunton, MA 02780. www.freewebs.com/kc1tac

Oct 18-Oct 19, 1700Z-2100Z, San Ramon, CA. Mount Diablo Amateur Radio Club, K6BSA. Pacificon and the 51st Boy Scout Radio Jamboree. 21.360 14.290. QSL. MDARC, PO Box 23222, Pleasant Hill, CA 94523. www.pacificon.org

Oct 18, 1330Z-1730Z, Randleman, NC. Tri-County Amateur Radio Club, NC4AR. 20th NASCAR Days Festival. 14.270 7.270. Certificate. NC4AR, PO Box 747, Trinity, NC 27370.

Oct 22-Oct 27, 1800Z-2359Z, Lynchburg, TN. ARES, W4J. Jack Daniels Invitational World Championship BBQ. 28.450 21.305 14.255 7.238 other bands possible CW RTTY PSK31. QSL. Jimmy Floyd, PO Box

511, Tullahoma, TN 37388. nq4u@mtars.org

Oct 31-Nov 1, 0600Z-0600Z, Frankenstein, MO. Warrensburg Area Amateur Radio Club, W0O. Frankenstein FunXpedition 2008. 28.370 21.378 14.265 7.255 3.945. QSL. W0AW, PO Box 1364, Warrensburg, MO 64093. www.waarci.org

OCTOBER CONTESTS

4 Oct 00Z-24Z - PSK Rumble - The Fall Classic; Exchange: Name and S/P/C, www.n2ty.org.

8 Oct 23Z - 9 Oct 03Z - Fall VHF Sprints; Phone, CW, Digital; Exchange: Grid Square; www.svhfs.org

10 Oct 00Z-24Z - 10-10 Sprint; Phone, CW, Digital; Exchange: Call, Name, 10-10 number, S/P/C; www.ten-ten.org

11 Oct 17Z-21Z - FISTS Fall Sprint; CW; Exchange: RST, S/P/C, name, FISTS number or pwr; www.fists.org

12 Oct 00Z-04Z - North American RTTY Sprint; Exchange: Both call signs, serial, QTH, name. See Web site for new dupe rule; www.ncjweb.com

18 Oct 00Z-19 Oct 24Z - ARRL EME Contest; Phone, CW, Digital; Exchange: Both call signs, signal report; www.arrl.org/contests

18 Oct 23Z - 10 Oct 02Z - VHF Fall Sprints; Phone, CW, Digital; Exchange: Grid Square; www.svhfs.org

20 Oct 13Z - 24 Oct 24Z - School Club Roundup; Phone, CW, Digital; Exchange: RST, class, S/P/C; www.arrl.org/SCR

25 Oct 00Z-26 Oct 24Z - CQ WW SSB Contest; Exchange: RS and CQ zone; www.cqww.com

25 Oct 00Z-10 Oct 24Z - 10-10 Fall CW QSO Party and Digital QSO Party; Exchange: call, name, 10-10 number, S/P/C; www.ten-ten.org

25 Oct 10Z-16Z - Fall VHF Sprints; Phone, CW, Digital; Exchange: Grid Square; www.svhfs.org



CW ABBREVIATIONS AND OTHER JARGON

Test your knowledge with these questions from H. Ward Silver NOAX. There's more trivia and puzzles on the ARRL Website!

1. What is the Morse code abbreviation for "and"?
2. How do you laugh in Morse code?
3. Match the Q-signals with their meanings

a. QRN	f. Change frequency
b. QRM	g. Stop transmitting
c. QRZ?	h. Noise interference
d. QSY	i. Who is calling me?
e. QRT	j. Interference from other signals
4. Which Q-signal means "send more slowly" and which means "send faster"?
5. What are the meanings of these common Morse abbreviations?
 - a. TKS
 - b. HR
 - c. GG
 - d. WX
 - e. CUL
6. Hams like to use Old Man (OM) when referring to each other, but there are similar terms heard on the air. What are the meanings of OB and OC?
7. The name of a popular ham magazine is QST. What is the meaning of this Q-signal?
8. If DX stations tell you "QSL VIA BURO", they want you to:

- a. send your card to the Boston Universal Radio Office
- b. wait for the next Pony Express delivery
- c. send the card via their incoming QSL bureau system
- d. use a card suitable for them to place on the bedroom furniture for display

9. Some radios and amplifiers are advertised as featuring "full QSK". What does this mean?
10. While listening to a CW net in operation, you hear the phrase "QTC 5". What does this mean?
11. Fill in the blanks:
There is severe Q__B on your signal. I will QS__ to 80-meters and will be QR__ for you there. Q__L?



Answers to Trivia Quiz:

1. ES; 2. HI; 3. a-h, b-j, d-f, e-g; 4. QRS=slower, QRR=faster; 5. a-thanks, b-here, c-going, d-weather, e-see you later; 6. OB=old boy and OC=old chap; 7. Calling all radio amateurs; 8. c; 9. The transceiver and amplifier are capable of *full break-in* operations. That is, they can switch from transmit to receive so rapidly that you can hear other signals between your own dots and dashes; 10. The station has five messages to send; 11. There is severe QSB on your signal. I will QSY to 80-meters and will be QRV for you there. QSL? Translation: Your signal is fading. I'll change frequency to the 80-meter band and listen for you there. Did you copy okay?