

December 2011 – Presidents/VP Corner:

Presidents Note:

The end of the Club year is just a few months away. If any Club member would like to run for one of the Presidency positions now is the time to start thinking more about it and plan for the election process in February. To help those who want to be considered for any of the positions please fill out the application form that can be found on the Club web site.

With the end of the Club year close we also ask that you continue to support the Club by becoming a member of the Club or renewing your membership. The membership form can also be found on the Club web site. This form will also be used to update Club records and give us a count for those that are planning on being at the Club dinner in February.

There will be no Club meeting in December. I hope everyone has a very Merry Christmas and a Happy New Year!

73's
Bob Haynie KC7JOK

What's Been Happening?

Club Meeting was Saturday November 19th and was held in Ogden at Jeremiah's for breakfast.



Other Items of Club business discussed: Jerry Iverson, KD7ICO, volunteered to be the February party chairperson. Please give Jerry your support if he should call asking for help.

The Great Utah Shake Out

At 10:15 a.m. Tuesday April 17th 2012, thousands of Utah volunteers will “Drop, Cover and Hold On” in the Great Utah Shake Out, the largest earthquake drill in Utah history!

To volunteer and be part of the drill go to the following web site and sign up:

<http://shakeout.org/utah/>

You can also view lists of those who have volunteered and are going to participate in the drill.

ATK (Blue Springs Hills) Repeater Update:

There have been no further updates for the 145.430 & 448.300 repeaters above the ATK Test Area.

Brigham City Repeater Update:

Jim Buchanan was contacted about the new Repeater Radio Friday November 18th. Jim stated that he had received confirmation that the radio had been shipped.

The new Repeater Radio was received November 29th and picked up Wednesday November 30th. The next step is to get the new radio programmed and tested prior to installation at the site.



Fielding-Riverside Repeater Update:

Bob Anderson, AA7TR, and Paul Hales, W7PAH, continue to work to make the repeater better. The duplexer was removed. The repeater is currently running with a separate receive and transmit

antenna. The duplexer will be taken to a shop for repair and retuning.

February 2011 Club Party Dinner –

Jerry Iverson, KD7ICO, volunteered to be the party chairperson at the November breakfast. Possible meal suggestions and the locations were discussed at the September Club meeting. The party will be at the Bear River Civic Center. To keep things as simple and as inexpensive as possible for everyone the decision was made to have two possible choices from the Maddox Take-Out Menu at \$8.00 per meal.

Meal-A Turkey Steak

Meal-B Chicken Fried Steak

Both meals include the following: Baked Potato, Sour Cream, Green Salad and Dressing, Roll, Honeybutter and Bottled Water.

Dessert will be potluck so please bring something like a cake, pie or cookies etc.

Because of layoffs and changes at ATK we are no longer able to mail, Snail Mail, the newsletter. Due to the cost of printing and postage it has been determined and will be necessary to publish the newsletter on the Club web site only. We hope that this will not be a problem for our members.

Also the ATK Recreational Council has notified our Club and others that they, ATK, will no longer be funding Clubs. We are now looking at other options including applying for and becoming a non-profit organization through the State and IRS.

Club NET Coordinator

Wayne Jenson, AB7TS, has been one of our prime NET Coordinators for many years. Wayne is moving to a new location and won't have an antenna up and be able to call the NET for a while and may not be able to at all, time will tell.

We would like to thank Wayne for his devoted service to the Club for his many years.

We would also like to thank all those that have served as a NET Coordinator.

GSARC Activities:

December 2011

No Club Meeting – “Happy Holidays”

January 2012

Club Meeting – Thursday January 26th

Location: North Park Elementary

Address: 50 East 700 North, Tremonton

Time: 1800 to 2000 Hours (6:00 to 8:00 PM)

February 2012

Club Meeting-Party-Dinner

Date: Saturday February 25th

Location: Bear River City Civic Center

Address: 5695 North 4700 North (Highway 12)

Time: 1800 to 2000 hrs (6:00 to 8:00 PM)

If you have an article, comment, picture or information you would like to post in this newsletter please send it to:

Bob Haynie KC7JOK

119 South 600 West

Brigham City, Utah 84302

- or -

bhaynie72@hotmail.com

Club Information:

Golden Spike Amateur Radio Club

Info NET:

Wednesday night: 2000 hrs. (8:00 PM)

Carried over the 145.430, 145.290, 147.220 and 448.300 MHz repeaters

NET Coordinator: Wayne Jenson, AB7TS

NET Assistant: Sandra Farnsworth, KE7EHJ

Box Elder County Emergency

Training NET:

Sunday night: 1930 hrs. (7:30 PM)

Carried over the 145.430, 145.290, 147.220 and 448.300 MHz repeaters

NET Coordinator: Boyd Giles, KC0VLO

NET Assistant: Deloss Everton, W7TEU

Linked Repeaters:

145.430 - (pl .123) MHz (Blue Springs Hills)

448.300 - (pl .123) MHz (Blue Springs Hills)

145.290 - (pl .123) MHz (Brigham City)

147.220 - (pl .123) MHz (Fielding-Riverside)

Officers:

President: Bob Haynie, KC7JOK

Vice President: Doug Harford, K7DKH

Treasurer: Byron Okada, KE7IRH

Secretary: Peggy Harford, K7PGE

Newsletter Editor: Bob Haynie, KC7JOK

Repeater Trustees:

'43 Site: Rob Daines, KK7DO

'29 Site: Jeff Stork, KD7BCJ

Boyd Young, N7WFM (assistant)

'22 Site: Wayne Jenson, AB7TS

Club Web Site:

<http://www.ubetarc.org/> (as of: 06-Nov-2006)

Web Maintained by: Dave Cook, KD7OUP

The Web site will be updated as Dave gets time though the Site Name (URL) may remain the same for quite some time.

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Box Elder County ARES *Amateur Radio Emergency Service*

December 2011:

Saturday November 5th I, and several of our ARES/RACES Members, attended an all day Communication Conference in Layton. Items of discussion included: IRLP function and structure; WinLink emergency e-mailing; D-Star function and options; The National Traffic System (NTS) and Message handling; A practical VFO exercise using VHF & UHF Hand Held radios; The Nation Wide “Emergency Alert System” test to be held 09-November-2011 at 12 Noon Mountain Time; The Great Utah Shake Out. There were a lot of good conversations and examples of the subjects discussed. We were told that this was the largest group that had ever attended one of these conferences since they had started having them here in Utah. I was hoping to see more people from our area there and maybe a few that have moved away. Please reserve the first weekend of November on your 2012 calendar for the next conference. To those in our area and others, if you didn’t go you really missed out and I hope you will plan to go next year, it is well worth the time. The lunch was really good as well!



Another item of interest was the earthquakes in Utah during the month of November. I checked the U of U site <http://www.seis.utah.edu/> and found that there were several earthquakes recorded in Utah. We talk about being ready and what might happen. I really wonder how many of our group would be able to help should there be an emergency or disaster locally? Are you ready?

Over the past few years I have added portions of the 20 lessons in the First Emergency Communication Course sponsored by the ARRL to this newsletter. Now is the time to test you knowledge.

Course-1 Test-A (All questions are multiple choice)

- 1 - Before integrating emcomm training objectives into a public service event, what must first be accomplished?
- A – Portable and mobile equipment must be tested
 - B – The needs of the served agency must be met
 - C – The use of Amateur Television (ATV) and Automatic Packet Reporting (APRS) must be explored
 - D – Different modes of primary and backup communication must be considered

- 2 - Which of the following pairs represents an INCORRECT combination?
- A – General Mobile Radio Service (GMRS) and 10 watts
 - B – Family Radio Service (FRS) and one-half watt
 - C – Multiple Use Radio Service (MURS) and two watts
 - D – General Mobile Radio Service (GMRS) and 50 watts
- 3 - Which of the following is NOT one of the essential steps in developing a response to an incident?
- A – Understanding the policies, procedures and statutes that affect the official response.
 - B – Establish incident objectives.
 - C – Select appropriate strategies for cooperation and resource utilization.
 - D – Conduct evaluation of operations immediately following the incident.
- 4 - Suppose that you have been assigned to a site and the emergency ends. If the site manager asks you to close your station, what is your best course of action?
- A – Do as the site manager tells you and close down your station immediately.
 - B – Ignore the site manager and await further instructions from higher authority.
 - C – Check in with the emcomm manager or NCS before closing down.
 - D – Have your emcomm manager or NCS speak directly with the site manager before you take any action.
- 5 - Which of the following is another trademarked version of Continuous Tone Coded Squelch System (CTCSS)?
- A – Private Guard.
 - B – Private Channel.
 - C – Line Guard.
 - D – Private Line.
- 6 - Which of the following is true of marathons, fun runs and Bike-A-Thons?
- A – They never require more than one net.
 - B – They never require the use of repeaters.
 - C – Every competitor must be tracked.
 - D – They may require roving stations.
- 7 - Which of the following is true about a simplex repeater?
- A – The FCC rules do not permit unattended operation of simplex repeaters.
 - B – They work best in the “cross band repeater” mode.
 - C – They require the use of two radios.
 - D – Is the same as a “human repeater.”
- 8 - In Learning Unit 19, which of the following was NOT recommended as a means of practicing actual emcomm skills?
- A – Regularly scheduled nets.
 - B – On-air training sessions.
 - C – Discussion groups and lectures.
 - D – Public service events.
- 9 - Which of the following is the most efficient way to end an exchange on a tactical net?
- A – Say “Over”.
 - B – Say “Roger”.
 - C – Give your FCC call sign.
 - D – Ask Net Control if there are any further messages for you.

- 10 - Which of the following best describes the ARES chain of command within a Section?
- A – Section Manager-District Emergency Coordinator-Emergency Coordinator-Assistant Emergency Coordinator-Section Emergency Coordinator
 - B – Section Emergency Coordinator-Section Manager-District Emergency Coordinator-Emergency Coordinator-Assistant Emergency Coordinator
 - C – Section Manager- Section Emergency Coordinator-District Emergency Coordinator-Emergency Coordinator-Assistant Emergency Coordinator
 - D – Section Manager-Section Emergency Coordinator-Emergency Coordinator-District Emergency Coordinator-Assistant Emergency Coordinator
- 11 - You have just been "activated". Which of the following would you NOT do?
- A – Pick Your favorite shelter and head right to it before anyone else does.
 - B – Monitor your local ARES Net for assignments.
 - C – Contact your EC for an assignment.
 - D – Head for the designated staging area.
- 12 - Which of the following is true of e-mail as an alerting system?
- A – With e-mail, emcomm members can be reached immediately anywhere they happen to be.
 - B – With e-mail, high-speed Internet connections guarantee that messages will be received very quickly.
 - C – E-mail is best used as a back up alerting system.
 - D – With e-mail, CTCSS tone assures that all members will be quickly alerted..
- 13 - Which of the following statements about battery charging is true?
- A – The optimum charging voltage for lead acid batteries should be about two volts less than the battery's rated voltage.
 - B – The optimum charging voltage for 12-volt lead acid batteries should be about two volts more than the battery's rated voltage.
 - C – SLA or "gel cell" are ordinarily recharged very rapidly.
 - D – Deep cycle batteries require only a short time to recharge fully.
- 14 - Which of the following is always true of a tactical net?
- A – Personal call signs are never used.
 - B – Personal call signs are always preferred over tactical call signs (such as "Aid 3").
 - C – Personal call signs are required at ten-minute intervals during a conversation or at the end of your last transmission.
 - D – Personal call signs are required at ten-minute intervals during a conversation and at the end of your last transmission.
- 15 - Which of the following pairs represents a LEGAL combination?
- A – General Mobile Radio Service and Packet transmissions.
 - B – Family Radio Service and Digital transmissions.
 - C – Multiple Use Radio Service and Voice transmissions.
 - D – Citizen's Band and PSK31
- 16 - What is a major difference between an "open net" and a "directed net"?
- A – The presence or absence of full control by a Net Control Station.
 - B – The presence or absence of formal traffic.
 - C – The type of radio traffic on the net.
 - D – The approval or sanction of net operations by the FCC.
- 17 - In emergency communications, which of the following is true?

- A – Never use “10 Codes” on Amateur Radio.
- B – Use “Q signals” on served agency radio systems.
- C – Under NO circumstances use “Q” signals on a *CW* net.
- D – Use technical jargon when you feel that it is appropriate.

18 - When emcomm team members are called upon to operate on Public Safety Radio Systems, which of the following may they NOT do?

- A – Use special “10 Codes”.
- B – Use the served agency’s standard operating procedure.
- C – Use the phonetic alphabet employed by the served agency.
- D – Engage in casual conversations.

19 - During an emergency, you are using voice transmissions to pass messages. Which of the following "guidelines" should govern your action if you were asked to transmit the names and addresses of victims?

- A – Transmit the information exactly as presented to you.
- B – Use a pre-established code to transmit the information.
- C – If absolute privacy is required, do not transmit the information by Amateur Radio.
- D – Switch to a digital mode and be assured of complete privacy.

20 - Which of the following best describes a Level 2 RRT?

- A – Is a first responder in any emergency.
- B – Operates a few strategically placed stations within the first hour of an emergency.
- C – Responds within a few hours and is prepared with longer term (72 hour) jump kits.
- D – Is always affiliated with SATERN.

21 - Which of the following best describes your main job as an emergency communicator?

- A – Dispatcher, organizing the flow of vehicles, personnel, and supplies.
- B – Meeting the needs of the served agency.
- C – Radio operator, using Amateur of served agency radio system.
- D – Resource coordinator, organizing the assignments of disaster relief volunteers.

22 - When a telephone tree is activated, what should be done when a caller cannot reach one of their assigned contacts?

- A – Call all those assigned to the person who cannot be reached.
- B – Call the liaison to report the difficulty.
- C – Ignore that person and go on to the next assigned contact.
- D – Stop calling at that point to “break” the tree.

23 - In considering antennas for VHF/UHF radios, which is the best rule?

- A – High transmitter power is more important than having a good antenna.
- B – Transmitter power and antenna selection are equally important.
- C – A good antenna is more important than high transmitter power.
- D – If properly used, “rubber ducky” antennas can compensate for low transmitter power.

24 - Which of the following best describes your purpose as an emergency communicator?

- A – To operate the radio.
- B – To coordinate communications for the EOC.
- C – To provide accurate and rapid transfer of information from one place to another.
- D – To provide internal communication support to one (and only one) responding agency.

25 - Delivering an ARRL numbered radiogram, which should be done?

- A – Deliver the message exactly as received.

- B – Deliver the message exactly as received but add your own written explanation.
- C – Decode the message into plain language before delivery.
- D – Deliver the message exactly as received but add your own verbal explanation.

Course One Test Key – A

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|------|------|------|------|------|
| 1-B | 2-A | 3-D | 4-C | 5-D |
| 6-D | 7-A | 8-C | 9-C | 10-C |
| 11-A | 12-C | 13-B | 14-D | 15-C |
| 16-A | 17-A | 18-D | 19-C | 20-C |
| 21-C | 22-A | 23-C | 24-C | 25-A |

73's
Bob Haynie KC7JOK
Box Elder County ARES EC
bhaynie72@hotmail.com

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2012 G.S.A.R.C. Yearly/Elections/Dues Funds Raiser & Party will be held:

Date: **Saturday – February 25, 2012** Starting Time: **6:00 PM** Ending Time: **8:00 PM**

Location: **Bear River Civic Center, Bear River City**

Menu: **Maddox Take-Out Meal A-Turkey Steak or B-Country Fried Steak**

PLEASE – RSVP – ASAP with your Dues and Dinner Payment so we know how much to order
No later than 10-Feb-12. We have to notify Maddox 2 weeks ahead of time

The **GRAND PRIZE** this year is a **YAESU FT-60R Dual Band and Accessories**



To be eligible for the **GRAND PRIZE** your **Year 2012 Dues** must be paid prior to the drawing.
One chance to WIN the GRAND PRIZE per Dues Paid Member.

You **DO NOT** have to be present at the Party to win the GRAND PRIZE.
The winner, if not present, will be notified within 48 hours of the drawing.

Please mail or give your dues and the form below to one of the G.S.A.R.C. Presidency:

Bob Haynie KC7JOK (2011 President)
119 South 600 West, Brigham City, Utah 84302

Doug Harford K7DKH (2011 Vice-President)
834 East 500 North, Brigham City, Utah 84302

Byron Okada KE7IRH (2011 Treasure) Out of State on Business

Please return the form below with your dues payment:

G.S.A.R.C. Dues for the Year 2012 \$ 15.00 Amount Paid: _____

Name: _____ Call Sign: _____

Address: _____

City: _____ State: _____ Zip: _____

E-Mail Address: _____

Phone Number: _____ Cell Phone: _____

Are you an ARRL Member: YES NO If yes what month do you need to Re-new: _____

Will you attend the February Party? _____ (# Attending) **Dinner: A B \$8.00 per Meal**

ATK Employee: YES NO ATK/Thiokol Retired (Please Circle One)

Note: Please write additional family member information (Name & Call Sign) on the back of this form.

***** **PLEASE PRINT** *****

This form will be used to update Club Membership Records.