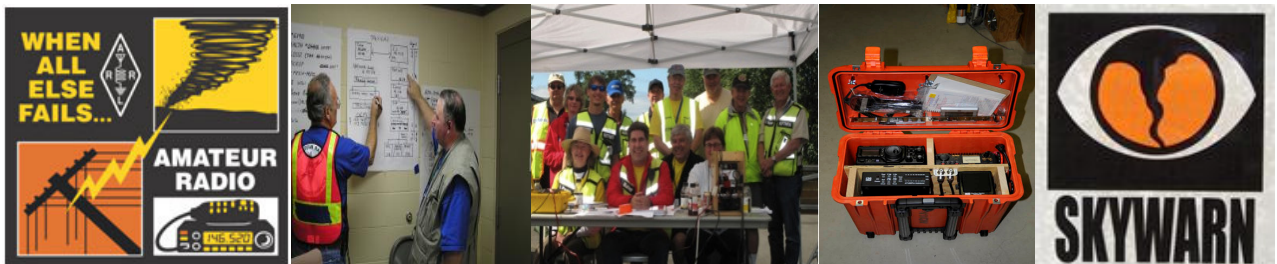




OKLAHOMA

ARES Simulated Emergency Test (SET) Exercise Plan

November 2013



Further distribution authorization requests shall be referred to the
Section Emergency Coordinator for ARES-OKLAHOMA at n7xyo@arrl.net

CONTROLLED UNCLASSIFIED INFORMATION

**2013 ARES-Oklahoma Simulated Emergency Test (SET)
Exercise Plan**

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Point of Contact

Primary Point Of Contact (POC) for this plan is:

Mark Conklin, N7XYO

Section Emergency Coordinator (SEC)

Amateur Radio Emergency Service - Oklahoma

918-232-8346

n7xyo@arrl.net

Other Points Of Contact (POC) for this plan is:

Roland Stolfa, KC5UNL

Assistant Section Emergency Coordinator (A-SEC)

Amateur Radio Emergency Service - Oklahoma

580-222-8814

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Your regions Zone Emergency Coordinator (ZEC)

Refer to www.ARESOK.org for contact information.

Purpose of SET

To find out the strengths and weaknesses of; Amateur Radio Emergency Service-Oklahoma (ARES-OK), National Traffic System (NTS), and other radio amateur groups in providing emergency communications here in Oklahoma.

To provide a public demonstration - to served agencies such as the American Red Cross, emergency management agencies and through the news media - of the value to the public that Amateur Radio provides, particularly in time of need.

To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated-emergency conditions.

Focus

In Oklahoma most of the population and the bulk of the available radio amateurs live along the Interstate-44 corridor (I-44). The majority of radio amateurs are in or near the two large metropolitan areas of Oklahoma City and Tulsa. In Zone 1 (NW-OK), Zone 2 (SW-OK), Zone 4 (NE-OK) and Zone 6 (SE-OK) all groups will participate together as a **District-level response**. Zone 3 (OKC area) and Zone 5 (Tulsa area), will participate together as a Zone response.

In Districts where NO DEC is currently appointed, local leaders and/or volunteers should contact their ZEC and discuss appointing a DEC for SET, and work with your ZEC to find a DEC for your Districts.

Exercise Date

December 14, 2012 - Saturday

Exercise Schedule

Exercise Schedule		
Time (Local)	Event	Participants
0800	DECs to Activate District ARES-OK ZECs to Activate Zone in Zone3 & Zone5	ALL DECs, All Groups ZECs, Zone Groups
0845	Incident Briefing	Controller to DEC
0900	STARTEX	
0900-1000	ARES-OK HF Bulletin	NCO, All Groups
1000-1200	Local EX Injects	All
1200	HF NET – SET Scorecard	NCO, All Groups
1400	ENDEX	ALL
1415	Email net results	NCO, SEC

Preparation Prior the SET

Before the SET, the DEC will gather your teams and conduct a review with their ARES-OK groups of training as well as National Incident Management System (NIMS) and terminology. The training will include a review of NIMS structure and ICS forms commonly used to support and document an incident.

FREE on-line Training resources can be found at <http://www.aresok.org/resources.asp#training>

Special attention should be given to the following:

1. A review of Day-One bags or Go Kits.
2. Professional conduct.
3. **Participants active in public view or working with served agencies shall wear their ARES approved Deployment Vests.**
Don't have a vest yet? Please see www.ARESOK.org on the left side of the page - click on **Other Resources** and scroll down to **ARES-OK Gear**.

This would be an excellent time to involve the local Emergency Manager and other Served Agencies. Invite them to your meeting(s) to meet your members and help facilitate the discussion.

Exercise Scenario for the 2013 SET

A line of powerful thunderstorms has moved through your area. Strong winds, flooding rains, damaging hail and lighting have paralyzed most of counties in your District. Wind speeds exceeded 85 MPH and have caused many trees, branches and power lines to fail. Estimates are between 85 to 90 percent of homes in the District are without power. Many roads are impassible due to flash flooding, tree debris and downed power poles. Communications infrastructure has also suffered greatly. Downed wires, power outages, bent antennas, and failed back-ups have crippled normal communications. Amateur Radio operators have not gone undamaged. Repeaters that are not on back-up power are not functioning. Many large antennas systems are down or damaged.

DEC activate and gather your team(s) (see exercise schedule) - Served agencies in the effected area have requested communications support from ARES-OK. To meet this request it will require a combined response for your entire ARES-OK District. Log into www.ARESOK.org and select State Wide Breakdown for current District map.

What's working in this scenario?

VHF/UHF Simplex

Limited Repeaters. (Repeater with back-up power may be use at DEC's discretion.)

Limited Internet. (Internet may be use at the discretion of the DEC.)

HF with NVIS type antenna systems

Your ingenuity

Operations Guidelines and Goals

1. Simplex should be used wherever possible.
2. Traffic can be passed between fixed and mobile stations if needed.
3. **All messages MUST be preceded by and end with "THIS IS A EXERCISE"**
4. The Scenario notes that roads may be impassable. Therefore, movement of mobile stations may be limited by the DEC. It may be necessary to assign other than usual operators to locations such as county EOCs, hospitals, shelters or other served agency locations.
5. All stations are encouraged to **use their emergency power source** and set up emergency antennas **if possible**. If it's something you'd expect to do during a real EMCOMM response, no better time than **now** to test it out.
7. Each team or participating individual should copy the Statewide HF Nets bulletin.
8. Send local tactical message traffic on behalf of local served agency. (Local role player will provide traffic injects – DEC may provide additional traffic injects, based on local needs or operational challenges).
9. Creative "thinking outside the box" is encouraged (flexibility is one of the capabilities radio amateurs bring to any EMCOMM/Public Service mission).
10. DEC shall direct your teams to check in to the Statewide HF Nets to complete SET Scorecard.
11. Each operating Team's actions and ALL Communications shall be noted/logged on the applicable ICS form(s).
See: <http://garlandr.s412.sureserver.com/graces/icsforms.html>
12. **Participants active in public view or working with served agencies shall wear their ARES approved Deployment Vests.** Don't have a vest yet? Please see

www.ARESOK.org on the left side of the page - click on **Other Resources** and scroll down to **ARES-OK Gear**.

13. **Don't forget, let's have some fun with this!**

Local Net(s) for the exercise

The selection of VHF/UHF simplex frequencies will be at the discretion of the DEC. DEC shall note all operating frequencies on an **ICS form 205 Communication plan**.
<http://garlandr.s412.sureserver.com/graces/icsforms.html>

Repeaters **with back-up power** may be use at the discretion of the DEC.

Frequency/repeater selection should follow **County Resources** list (as noted on www.ARESOK.org by your ECs and DECs). If information is **NOT CURRENT** on www.ARESOK.org please take steps to up date the information. For assistance updating this information - please contact our Webmaster ARES-OK A-SEC Roland Stolfa, KC5UNL via e-mail rstolfa@yahoo.com

Statewide HF Nets during the exercise

The Oklahoma Section Statewide HF ARES Nets will **ONLY** be active during the annual Simulated Emergency Test scheduled for during the announcement of the section bulletin and collecting the information reported by participants for the SET Scorecard. HF may be used by local groups to facilitate communication over longer distances than can be handled on local VHF and UHF nets.

The Statewide HF ARES Nets will **NOT** be active in support the SET other than times listed in exercise schedule.

Statewide HF Nets will be at the direction of the Section Traffic Manager.

ARES-OK HF Net will be at:

7260KHz Lower Sideband Phone (+/- QRM)

If conditions require the alternate frequency will be at:

3900KHz Lower Sideband Phone (+/- QRM)

This will be a controlled net. STM will select Net Control Stations for each net session.

(+/- ORM: if the frequency is in use or noisy... tune up or down the band to adjacent frequency to find the net.)

Documentation

All traffic REQUIRES proper documentation.

Each operating Team's actions shall track their activity on an **ICS-214 Unit Log**.

See: <http://garlandr.s412.sureserver.com/graces/icsforms.html>

ALL Communications traffic shall be noted/logged on an **ICS-309 Communication Log**.

See: <http://garlandr.s412.sureserver.com/graces/icsforms.html>

Formal message traffic should be **written** to ensure proper handling of the message. To better interface with our served agencies ARES-OK will work toward transitioning to the NIMS message form **ISC-213**.

See: <http://garlandr.s412.sureserver.com/graces/icsforms.html>

However the **ARRL Radiogram** can be used in place of form ICS-213 for formal message traffic sent via amateur radio.

ARRL Radiogram can be downloaded from <http://www.arrl-al.org/RADIOGRM.pdf> and can also be reproduced as needed.

It is critical to maintain proper documentation.

Forms list

Attached documents:

ICS-205 Communication Plan (see sample)

ISC-211 Sign In Form

ICS-213 General Message Form

ICS-214 Unit/Activity Log

ICS-309 Radio Log

ARRL Radiogram

SET Scorecard

Attached Appendix A: Instructions to Controller/Role player(s) and Injects 2013 ARES-OK SET

Attached Appendix B: ARRL Radiogram with Section Bulletin 2013 SET (**for use by ARES-HF Net Control Stations** – see Exercise Schedule).