



NH-ARES – S.E.T. 2009

Saturday, November 14th
8am – 4pm

These are the primary goals of the 2009 Simulated Emergency Test (SET):

1. Test 2m simplex range from the NHBEM local and remote transmitter sites to hospitals, local net liaisons, and any participating local EOCs.
2. Hospitals - Log signals heard from the State EOC (SEOC), local EOCs, other hospitals.
3. Exercise the NH-ARES traffic net structure with an emphasis on 2m simplex and HF operations.
4. Test local net simplex range.
5. Provide a minimal exercise in passing formal traffic via the net.

Hospitals – Not all hospitals will be able to participate. Use the local ARES simplex net frequency and send one *brief* formal message using the ARRL-ICS213 general message form via the ARES nets to the SEOC, and the SEOC will originate a brief reply via the same route, time permitting. A trained local ARES member should be on hand to demonstrate the proper use of the ARRL-ICS213 form. Try to contact the SEOC on 147.51 simplex. If contact is made, both stations will log the signal quality. Log all hospitals and other stations heard. If direct simplex contact with the SEOC is not possible, route messages via the local ARES net.

Local ARES groups will do the essentially same thing, with messages being generated by each participating EOC or simulated EOC. Messages may also be routed to other ARES groups via the HF net. Each local group should find a hilltop location with a shot toward Concord and make contact with the SEOC on 147.51 simplex. Then they would either move the messages from their net via the HF net if they can get into it, or via 2m simplex if not. Coos County should consider finding a way to relay via other local liaison stations, such as Central NH ARES or Mt. Washington Valley ARES.

The SEOC Team will try to establish simplex communications with as many local groups and hospitals as possible. They will test both VHF sites, and attempt to operate on HF using the FEMA 1kw transceiver.

Winlink should be used, where available, to generate additional messages or to file logs. The SEOC radio room will be able to receive email at the address listed in the NH-ARES Communications Plan. Copies of final logs should be sent to dbcolter@myfairpoint.net.

Pre-Planning for ECs

- 1) Hospitals – make contact with the hospitals' lead emergency communications person or internal emergency manager to discuss this exercise, and make necessary arrangements. Coordinate with W1BOF.
- 2) EOCs – make contact with the town EMD to see if they wish to participate. Arrange for an ARES operator to staff the station if they don't have a ham as part of their regular staff.
- 3) Look for suitable hilltop locations for relay points. A ham's home on a hilltop is perfectly acceptable.
- 4) Review the use of the ARRL-ICS213 General Message Form with your membership. Copies are available from the forms page on the NH-ARES website.
- 5) Assign one or more HF liaison stations.
- 6) Review the relevant sections of the NH-ARES Section Emergency Communications Plan with your members.

NH-ARES Section Emergency Traffic and Coordination Net Manager

- 1) Assign primary and backup NCS stations for the exercise.
- 2) Perform on-air 40/80m tests with both stations to be sure they have strong and readable signals.
- 3) Be ready to relay traffic from the HF net to the SEOC on VHF if the FEMA transmitter can't be operated.

Record Keeping & Reporting

- 1) Log all traffic sent and received.
- 2) Log the calls of all hams who participate and the number of hours for each.
- 3) 2m simplex liaison station - Log signal strength of signals from the SEOC and any participating hospitals – including those heard from outside your area.
- 4) Hospitals – log signal strength of the SEOC, any local EOCs, and any other hospitals heard.
- 5) Submit copies of all logs to the ASEC-Training within one week.
- 6) The SEC will compile records for submission to ARRL HQ.

