



Simulated Emergency Test 2015

Scheduled October 10, 2015

0900 – 1400 hrs Pacific

Version 0.9

(Version “Final” to be issued before SET)

Exercise Objectives

- ◆ *Engage* as many Amateurs as possible
- ◆ *Activate* and assess equipment and operators supporting all levels of BC's emergency response structure:
 - Local Governments/Regional Districts
 - Emergency Operations Centres (local EOC's)
 - Emergency Management BC
 - Provincial Regional Emergency Operations Centres (PREOC's)
 - Provincial Emergency Coordination Centre (PECC)
- ◆ *Establish* and test HF Net and Net Liaison structures in preparation for a catastrophic earthquake event
- ◆ *Assist* interested Amateurs in understanding *their* role in support of provincial response operations
- ◆ *Practice* and *reinforce* the actions Amateurs must take *immediately* following a major earthquake



SET Instructions

Organization

- ◆ The Simulated Emergency Test (SET) is a North America wide exercise administered in Canada by Radio Amateurs of Canada (RAC)
- ◆ The BC SET is being organized through the collaborative efforts of:
 - Emergency Management BC
 - BC/Yukon Section, Radio Amateurs of Canada
 - Amateur Radio Emergency Service (ARES)
- ◆ Include participation of some Yukon stations



SET Instructions

Organization

- ◆ Intended to be a comprehensive test – at *all* levels of the response structure:
 - Individual Amateur Radio operators
 - Emergency Operations Centers (EOC)
(Both municipal – town, city and regional district)
 - Provincial Regional Emergency Operations Center (PREOC)
 - Provincial Emergency Coordination Center (PECC)



SET Instructions

Schedule

- ◆ DATE is set nationally –
Saturday October 10, 2015
- ◆ TIME
 - START – 0900 hrs Pacific
 - The test will start by the clock at 0900 hrs
 - END – 1400 hrs Pacific
 - It is expected “end-ex” will be called much earlier depending on the levels of network traffic and event participation



“In a *REAL* Earthquake”



Ground shaking *or*

the BC Public Warning
system via traditional media

Are *YOUR* trigger to get on the air

SET Instructions

Prowords

- ◆ All voice messages MUST start with message number then the word “TEST” followed by the precedent (Emergency, Priority, Welfare, Routine)
- ◆ The first two words of the message body MUST be “Test Message”



High Frequency (HF) Voice Nets

◆ EMBC Net

- Role: Official government communication
- Participants: Local and Provincial Emergency Operations Centres (EOC's/PREOC's/PECC)
- Frequencies: 80 meters: 3.735 MHz LSB
40 meters: 7.060 MHz LSB

◆ BC Yukon Traffic Net

- Roles: Stations with formal written traffic for the National Traffic System (NTS)
- Participants: Interested Amateurs
- Frequencies: 80 meters: 3.716 MHz LSB
40 meters: 7.065 MHz LSB

◆ BC Public Service Net

- Role: Organize converging volunteers on air
- Participants: Interested Amateurs
- Frequencies: 80 meters: 3.729 MHz LSB
40 meters: 7.075 MHz LSB

- ◆ *Fallback* Frequency 20 meters: 14.135 MHz USB



Exercise Concept of Operations



- ◆ Individual Stations/Emergency Communications Teams and ARES Groups:
 - Check-in to their local Emergency Operations Centre
 - Check-in to local participating VHF / UHF Nets on specified frequencies / modes – VHF/UHF - either Simplex, Digital or local repeater frequencies
 - Check-into one of the following HF Nets:
 - BC Yukon Traffic Net
 - BC Public Service Net
- ◆ Emergency Operations Centre (EOC) stations:
 - Receive check-ins from local stations
 - Check-in to PREOC stations
- ◆ Provincial Regional Emergency Operations Centre (PREOC) stations:
 - Receive check-ins from local Emergency Operations Centre
 - Check-in to PECC stations
- ◆ Provincial Emergency Coordination Centre (PECC) station VE7PEP:
 - Receive check-ins from Provincial Regional Emergency Operations Centre's (PREOC's)
 - Assume Exercise Control

Check-In Information



◆ Individual Stations / Emergency Communications Teams and ARES Groups

- Check in with local emergency program (EOC)
- Check in with BCYTN or BCPSN
- Provide Call Sign, Name, location and if you have emergency power

◆ EOCs

- Check in with EMBC Net
- Provide Call sign, Name (Emergency program name), and geographic location
- Provide technical details on other modes of contact (VHF / UHF local nets)
- Track and summarize contacts

Check-In Information



◆ PREOC's

- Check in with EMBC Net
- Summarize modes of contact for local EOCs
- Provide EOC contact information via net liaison to BCPSN and BCYTN as requested

WL2K - Digital Messages



◆ All Stations

- All amateur stations are requested to send a WL2K email to their local EOC (if the EOC has WL2K capability)
- All EOC stations that have WL2K digital data capability are requested to send an email to the PREOC station within their region summarizing check-ins, # of volunteers in their station and number of WL2K emails received
- If your station (EOC or interested Amateur) does not have WL2K capability please send a traditional email to your PREOC Winlink address (*see last slide*)

WL2K - Email Subject Lines



- ◆ Important – Subject line is important if using traditional email
- ◆ Individual stations – Subject = //WL2K Message# Test Message R/ Individual station – Geographic location”
- ◆ Official stations – Subject = //WL2K Message# Test Message R Official Station – Geographic location”

WL2K – Pactor Frequencies



- ◆ Emergency Management BC (point to point)

- Center 3.6150 MHz USB
- Dial 3.6135 MHz USB

- ◆ Winlink RMS Pactor Stations

<http://www.winlink.org/RMSChannels>

Emergency Management BC

Station Locations



Location	Callsign
Victoria	VE7PEP
Surrey	VE7SWF
Kamloops	VE7KAZ
Nelson	VE7NEZ
Prince George	VE7PGZ
Terrace	VE7NWZ

Emergency Management BC

Station Winlink Addresses



- ◆ Victoria (VIR) – VE7PEP@WinLink.org
- ◆ SouthWest (SWE) – VE7SWF@WinLink.org
- ◆ Central (CTL) – VE7KAZ@Winlink.org
- ◆ SouthEast (SEA) – VE7NEZ@Winlink.org
- ◆ NorthEast (NEA) – VE7PGZ@WinLink.org
- ◆ NorthWest (NWE) – VE7NWZ@WinLink.org