

## **2021 ARRL Simulated Emergency Test (SET) Instructions (October 2, 2021 – 09:00 to 11:00 HST)**

The nationwide ARRL Simulated Emergency Test occurs the first Saturday of October every year. This year Hawaii ARES is having EMCOMM stations provide simulated damage assessment reports to simulated county emergency management/Civil Defense agencies. The scenario is a 9.2 moment earthquake in the Aleutians leading to an extreme tsunami causing damages to all the counties in the State of Hawaii. Participating Amateur Radio operators should be aware of the closest extreme tsunami evacuation zone to their operating location and what damages could be expected. Information can be found by checking with your respective county emergency management or Civil Defense agencies or in the yellow pages of the telephone book.

For this exercise, the tsunami has already hit, and we are reporting damages. Also, all repeaters, including Winlink gateways, will be operational.

The purpose of this COMMUNICATIONS EXERCISE is to verify our ability to operate using the digital protocols developed as well as voice communications to pass messages.

- Who: Participation is open to all amateur radio operators supporting their ARRL ARES District.
- When: From 9:00 a.m. to 11 a.m. HST, Saturday, October 2, 2021.
- Where: Working from home or from a safe location (from an extreme tsunami event). Please note, if you live in the extreme tsunami evacuation zone, simulate you have evacuated to a safe area or a designated county tsunami refuge area. ***Because of the COVID-19 situation, and concern for the safety of radio operators, you must practice safe COVID-19 protocol when operating away from their homes.***

No later than 9:00 a.m., Amateur Radio operators should have setup their equipment at their homes or location of their choice and be ready to operate.

Radio operators are requested to use auxiliary power, e.g., batteries, solar panels, generators, if available. Otherwise, operate using commercial power.

If working from home, please try to operate from outside your ham shack, i.e., in your back yard or a close by park.

Each radio station will transmit three Winlink messages using the following Winlink templates:

- Check-In
- ICS-213 (Hawaii county will use their county HCDA form in place of the ICS-213)
- Check-Out

Use any Winlink mode to send your messages, e.g., Telnet, VARA FM, VARA HF, VARA HF Peer to Peer, Pactor and Packet. Use Hub and Spoke concept to forward your message. Voice will also be permitted but the messages eventually need to be sent by the hub station via Winlink.

Messages are to be sent to the respective simulated county emergency management/Civil Defense agency. County ARES District Emergency Coordinators will coordinate and inform the radio operators in their county where to send the above messages.

Please Note: You need to open Winlink RMS Express, click the MESSAGE tab, select NEW MESSAGE. Then in the “create new message” window that opens, click SELECT TEMPLATE. Select the correct template by following the information below.

## **First message to be transmitted after 9 a.m. HST :**

Winlink Check-In message (can be found in Winlink under Standard Templates, GENERAL Forms).

- Setup: Click the Setup button and type October 2, 2021 SET (This should show under the Express Check In title)
- Date/Time: Click on the date and time
- Select Status: Click on Exercise
- Band: Click on whatever band you will be using
- Mode: Click on whatever mode you will be using
- Send To: The Amateur Radio callsign your county has designated to receive messages.
- Call Signs of Initial On-Site Operators: Your call sign and the callsigns of any others with you
- Sender: Your call sign
- Location: Type in your location
- Decimal GPS: Use your GPS coordinate (can go to Goggle earth; make sure you put in a – sign for your longitude, e.g., 21.384007,-157.747028.
- MGRS: will come up automatically
- Grid: will come up automatically
- Comments: Type in your radio gear, power setting, antenna and if powered using battery, generator, or commercial electrical grid.
- Click on the Submit button at the bottom of the form and send it to the designated call sign for your county (representing the simulated county EOC)
- CC: KH7HO (for Honolulu and Kauai County radio operators)
- CC: KH6FHI (for Maui and Hawaii county radio operators)

## **Second message to be sent after your Winlink Check In message is sent:**

Winlink ICS-213 message (can be found in Winlink under Standard Templates, ICS USA Form).

- Setup: click on the Setup button and type October 2, 2021 SET (This should show under the General Message (ICS 213) title\
- Incident Name: Simulated Extreme Tsunami Event
- To: (Name/Position): The EOC assigned for your county, e.g., Oahu EOC, Kauai EOC, Maui EOC, Hawaii EOC
- From (Name/Position): e.g., John Smith / Radio Operator
- Subject: Damage Report
- Date: click on date
- Time: click on time
- Message:
  - Type in **THIS IS AN EXERCISE MESSAGE**
  - Type in the location of the damage
  - Type in the description of the damage
  - Type in any number of injured and/or deaths
  - Type in any assistance needed
  - Type in **THIS IS AN EXERCISE MESSAGE**
- Approved by: Type in your first and last name and your call sign
- Position / Title: ARES Radio Operator
- Submit: Click on the Submit button
- Send message to the call sign assigned for your simulated county EOC
- CC: KH7HO (for Honolulu and Kauai County radio operators)
- CC: KH6FHI (for Maui and Hawaii county radio operators)

**Third message to be sent after sending your ICS-213 message but before 10:45 a.m. HST (COMMEX will end at 11:00 a.m. HST):**

Winlink Check-Out message (can be found in Winlink under Standard Templates, GENERAL Forms).

- Setup: Click the Setup button and type October 2, 2021, SET (This should show under the Express Check Out title)
- Date/Time: Click on the date and time
- Select Status: Click on Exercise
- Send To: The Amateur Radio callsign your county has designated to receive messages.
- Call Signs of Closing Operators: Your call sign and callsigns of any other operators
- Sender: your call sign
- Location: type in your location
- Decimal GPS: use your GPS coordinate (can go to Goggle earth; make sure you put in a – sign for your longitude, e.g., 21.384007,-157.747028.
- MGRS: will come up automatically
- Grid: will come up automatically
- Comments: type in Completed COMMEX.
- Click on the Submit button at the bottom of the form and send it to the designated call sign for your county (representing the simulated county EOC)
- CC: KH7HO (for Honolulu and Kauai County radio operators)
- CC: KH6FHI (for Maui and Hawaii county radio operators)

Please remember Hawaii county radio operators will be using their Hawaii county template messages (see the ARES District Emergency Coordinators for instructions).

**For those who want to send their messages via VARA HF Peer to Peer, CC your messages to Joe Tabrah (KH6FHI) who will also be on 40M, 7.120 USB, 500 Hz. Contact Joe before the SET at [KH6FHI@arrl.net](mailto:KH6FHI@arrl.net), or on the Zoom session below during the SET for help setting up a P2P session with RMS Express.**

**Zoom session for Tech Support will start at 8:30 a.m. to 11:00 a.m.**

- For anyone needing help for the SET, a member of the Hawaii Winlink Support Team will be available to assist anyone needing help.
- Click here to join the Zoom session.
  - ZOOM Meeting Link: [ZOOM 2021 After Action Session](#)
  - ZOOM Meeting ID: 858 2710 2947
  - Passcode: 492496

**11 a.m. to 12 noon HST: Statewide exercise Zoom hot wash meeting.**

- What went well?
- What were the challenges?
- What can be improved?

**Simulated county EOC radio operators will send an ICS-309 report to KH7HO or KH6FHI after the conclusion of the exercise but no later than 5 p.m. HST.**

***Be safe and have fun during this year's SET.***