

City of Hillsboro K7HIO - Auxiliary Communications Test
April 3, 2010 0900 to 1300

PURPOSE: The purpose of this exercise is to:

1. Test the paging system for notification of our staff
2. Test the K7HIO UHF repeater from the other served stations of Water and PD
3. Practice the use of Winlink over various modes to communicate with other counties
4. Operate from our positions in the new radio room to determine any additional layout changes that need to be made
5. Practice a parking lot HF setup for NVIS communication
6. Utilize our Hi-speed D-STAR connection to the Internet
7. Send and receive Winlink messages via slow-speed D-STAR/D-RATS
8. To use the linking function of the D-Star repeater system to allow multiple agencies to connect

SCOPE: This exercise will include operators from the City of Hillsboro. The goals will be to establish communications with the Lincoln and Tillamook County EOC via Winlink, HF voice, and to communicate within the city stations using the K7HIO repeater.

SITREPS will be sent to Washington County EOC every 90 minutes via Winlink.

Scenario:

The north Oregon coast has had a major event causing a partial failure in telephone communications and increased load has made the remaining link unusable. Coordination of aid depends on the ability of Washington County stations to communicate with the coastal EOCs. We will practice making those links via multiple technologies, but will not plan to send simulated messages.

STATIONS:

City of Hillsboro EOC - Ronler Acres Fire Station:

Tactical Call: Hillsboro EOC
Winlink address: K7HIO@winlink.org
HF: 3964 LSB
UHF Repeater: <K7HIO Site Repeater>
D-STAR Linked: 441.6375+5MHz KD7REX_B/G

Hillsboro Water Operations:

Tactical Call: Water Ops
UHF Repeater: <K7HIO Site Repeater>

Hillsboro PD:

Tactical Call: Hillsboro PD
UHF Repeater: <K7HIO Site Repeater>

EXERCISE:

0830 - Hillsboro EOC will initiate a page to notify staff of the pending drill, calling for a deployment to the stations we plan to staff

0900 - Hillsboro EOC will initiate a roll call on the K7HIO repeater, gathering the names, callsigns, and positions of all involved.

0930- Hillsboro EOC will send an initial SITREP to WC7EOC via Winlink over VHF RMS packet reporting the participants, initial locations, and plan for the day.

1000 - Hillsboro EOC will transmit the same SITREP to Lincoln County EOC, Tillamook County EOC, and AC1ES@winlink.org.

1030 - Hillsboro EOC will expect a SITREP from Water Ops and PD by this point, to be included in the SITREP to WC7EOC at 1100. Water Ops and PD stations will be dismissed from their location after the SITREP is passed and will be invited back to the EOC.

1045 - Hillsboro EOC will attempt to transmit a message to AC1ES@winlink.org using the D-RATS Winlink gateway.

1100 - Hillsboro EOC will transmit an updated SITREP to WC7EOC via Winlink over the high-speed D-STAR Internet link reporting the external entities that have been contacted.

1130 - Hillsboro EOC will transmit an updated SITREP to Lincoln County EOC, Tillamook County EOC, and AC1ES@winlink.org indicating which of the Water Ops and PD staff have returned to the EOC.

1200 - Hillsboro EOC will attempt to make voice contact with Lincoln and Tillamook counties on the D-STAR linked gateway system.

1215 - Hillsboro EOC will attempt to send a Winlink message via HF pactor

1230 - Hillsboro EOC will attempt to make HF SSB contact with AC1ES on 80m using a portable antenna and HF system in the parking lot.

RULES:

All sitreps and messages must include 'this is an exercise' to avoid confusing anyone listening to the channel. All operators are encouraged to originate their own simulated traffic in the field and pass that traffic between scheduled check-ins and events. Stations with HF capability are urged to contact AICES on HF and test communications. Stations with Winlink capabilities are urged to send communications to the Tillamook EOC. Other agencies and counties will be participating at the same time, it is expected that Lincoln County may ask for relaying of messages from our south county units.

All participants are urged to photograph their activities.

ALL participants can go to the Oregon ACES site, enter your name, callsign and email address in the form and you will be emailed a Certificate of Participation.

<http://www.oregonaces.org/content/act-participation-report>