

## **Operations Directive – Tsunami Exercise 27 January 2018**

This communications exercise is based on a simulated tsunami originating from a massive landslide in the Canary Islands off the west coast of Africa. A simulated wave will track to the east coast of America within 10 hours. This wave will be 40 to 46 feet high at low tide. It will rush inland covering everything below 50 feet above sea level. In this simulation, stations above 50 above sea level will be supporting those stations still on the air after impact in the lower coastal areas. The first two hours of the drill will be simulating pre-impact and the last four hours of the exercise will simulate responding to rescue, sheltering, feeding and "Safe and Well" traffic. Winlink will be the standard mode for digital communications especially for the long haul traffic and messages that require long detailed messaging.

**IMPORTANT** frequently and especially in messages, don't forget to announce that **THIS IS AN EXERCISE!**

**Provisional EOC** – we will be operating from the Birthing Center with a couple home stations participating to provide liaison on the 80M and/or 40M SSB net.

**Equipment status at the EOC** – Command and control will be on the repeater, 145.450 (-) no tone. We will also have continuous monitoring of our TAC-1 channel, 146.58. The HF antenna installed in the attic of the facility doesn't work. It has been checked out (OK), but we believe is so affected by the metal infrastructure in the build that it is useless for Winlink. We have erected the portable HF antenna in the yard behind the building, and will set up a station in the vehicle that Bill, KN4AIT will provide. I will bring my K3 setup for Winlink and we will do HF Winmor Winlink from there, meaning we will be doing sneaker net from there to the office area.

**Call signs:** At the EOC we will use W4GSF on voice channels. We will also use the tactical call EOC, with idents using the W4GSF callsign every ten minutes. If you are one of the HF SSB stations providing liaison service you should use the tactical call VDEM Liaison. Don't forget to ID every 10 minutes.

**Command and Control (C&C) net** – On the repeater. Net control will be at the EOC. Announce yourself when you come on frequency, Net control will periodically do a roll call. Let Net control know if you are leaving the net. We will use the net script in the Operations Manual (attached). All of the information you need should be in that document.

**FOR HF HOME OPERATORS:** here is the info on the VDEM Net. You are to log in to the net using your call and inform them that you are the liaison station for Lancaster County. Advise C&C that you have logged in successfully. Also inform them that we are in the affected area. I expect them to start on 80 meters, with a general broadcast message to all stations, announcing the exercise start. It will probably contain an announcement about the occurrence of the Tsunami. Copy that message and relay it verbally to the EOC on the TAC-1 frequency 146.58 (use the repeater if you are unable to contact us on 146.58).

Optional: We are not able to hear the Williamsburg repeater (146.76 -, 118,8) at the EOC. If you are able from your QTH, follow the instructions above, and log into that repeater as a liaison station.

All messages should be copied on an ICS-213 form (attached). You should also maintain an ICS-214 log (attached). Log sign in/out of net, all formal message traffic (message no. and time) and note any informal messages.

Operators:

0800 – 1000 Andy W3UAL

1000 – 1200 Jack W1FDY

1200 – 1400 ? still working on it.

**VDEM NET** – 80M 3.947 MHz, +/-, 40M 7.240 MHz +/- they may have to move +/- from designated freq to avoid QRM.

**EOC Staffing:** We will be reporting to the EOC (Birthing Center) at 0700 to begin final set up. Any and all recipients of this message are encouraged to come and participate (or just watch). There will be three stations operational at the EOC: HF Winlink, C&C (repeater), and TAC-1 message relay. So there is plenty of action for all.