Ham Radio Hawaii
Grid Down Communication Exercise
2019

Purpose: The purpose of this exercise is to get on the air, check your equipment, make contacts and have fun. Contact as many amateur radio operators as possible in the allotted time period with as many modes as you can. Ensure you are ready for power outages and Hurricane season by operating on the power you can generate.

No Commercial power can be used. You can contact someone that is using commercial power but you cannot use commercial power for your contact. (This is an honor system exercise, you can participate with commercial power to help others out but you would not be able to submit a log in order to get a certificate, but you can submit a log to verify contacts. Please do not spot for others if you have commercial power).

Once you make a contact with someone you can coordinate with that operator to go to another frequency and work them on all modes and receive points for each mode.

Date / Time of Event: The first annual No Power Contest will be held on 21 July 2019 from 1300 to 1700 Hours (1PM to 5 PM) Hawaii Standard Time (HST).

1. **Approved Power Sources:**
   a. Vehicle Power
   b. Solar Power
   c. Battery Power
   d. Wind Power
   e. Generators
   f. Generators with Multi-Fuel Sources

2. **Approved Contact Methods:**
   a. UHF Repeaters
   b. VHF Repeaters
   c. CW
   d. APRS
   e. SSTV
   f. WINLINK
   g. HF
   h. Simplex–UHF or VHF
   i. Satellite

(Currently DMR or other Digital Modes cannot be used for awarded points)

3. **Points** awarded based on Contact method used:

Method of Contact	Points
a. UHF Repeater	1
b. VHF Repeater	1
c. Simplex –UHF or VHF	2
d. CW	3
e. APRS	4
f. SSTV	5
g. WINLINK	6
h. HF	7
i. Satellite	8

4. **Locations:** The following points will be awarded for contacts made to the following locations:

Location	Points
a. Australia	15
b. Big Island	5
c. Japan	15
d. Kauai	5
e. Lanai	5
f. Maui	5
g. Molokai	5
h. New Zealand	15
i. Nihau	5
j. North American	20
k. Oahu	5
l. Other	15

m. South America   15

5. **Off Island Contact:** If you contact someone on an island different than the one you are located on, you get 5 bonus points, plus the points for the type of mode you used. **Example:** If you are on Oahu and contact someone on Maui using Simplex, you get 5 points for the off Island contact and 2 points for the Simplex contact for a total of 7 points for that one contact. (If the off island station is using commercial power you still get the 7 points and the 2 points for this example) One goal is to be able to send a message to a place that does have commercial power. So try to send a message to simulate a request for "a contact". If you can do it now then if we lose power on the island and have no Internet or phone service you would be able to greatly help your community.

6. **Bonus Points:** If you make a contact on all modes listed above under "Approved Contact Modes", you will be awarded 50 additional points. If you make a contact on other islands listed above under "Approved Islands", you will be awarded additional points.

7. **Exchange:** Call Sign, Contact Number, and Island. You can find your grid square using apps for phones or a computer if you are not using commercial power. One such computer website is https://www.qrz.com/gridmapper then click on the map and it will show a box with the grid square in it. If you are going to work the contest from your QTH (Home), remember your station cannot be hooked up to commercial power, then go to your QRZ page, click on the "Details" tab and find your Island, (One of the Hawaiiian Islands, Mainland, Etc). Example of a Exchange that I would send to my first contact would be, "This is KH6OWL, you are contact #1, Oahu"

8. **Logs** must be submitted in the approved excel spreadsheet. You can calculate your points prior to submission. Submit Logs to KH6OWL@ARRL.NET no later than 3 days from the end of contest.

9. **Certificate** Emailed to all stations submitting a log sheet.

10. **Social Media / Website:** More information will be posted at http://www.hamradiohawaii.com/no-power-contest and https://www.facebook.com/groups/HamRadioHawaii/