Eastern New York (ENY)

Simulated Emergency Test (SET) 2023

**October 7, 2023 -- 9:00 am EDT – 12:00 pm EDT**

**PLAY BOOK**

1. **Prior to October 7th** each county in the section should identify repeaters in their county with the following information:
	1. Repeater location
	2. Output frequency
	3. Backup power (Yes or no)
	4. Type of backup power (County provided, Battery, Generator, Solar, Wind, Other)
	5. Backup power duration (Hours, Days, Weeks, other)
2. **Prior to October 7th** each county in the section should setup and test an NVIS antenna capable of 20M, 40M, and 80M. If only one or two bands can be setup and tested that’s okay as well. The starting center frequency for each of the bands is:
	1. **20M – 14.250**

These frequencies may need to be fine-tuned depending on noise, propagation, and other operator use.

* 1. **40M – 7.250**
	2. **80M – 3.900**
1. The 2023 SET exercise begins at 9:00 am EDT with each county reading the exercise script on one (or more) of their regular repeater sites. Also, a Winlink message should be sent with the exercise information to 2023 SET Winlink email address. Please be sure to copy the section manager, SEC, and all DEC’s in your section.
2. Once the initial exercise information is distributed any repeater not having backup power should be omitted from the remainder of the exercise. Only repeaters with some form of backup power should be utilized for the remainder of the SET exercise.
3. Mobile radio operators should be dispatched to key served agencies locations in your county to establish communications to your NET control station. Counties may need to setup a simplex relay to provide reliable communications from the served agency to NET control. HF stations may be utilized for this link as well (NVIS can be used here also).
4. From 9:00 am until 11:00 am each county should make contacts with their served agencies (Red Cross, EOC, pre-defined shelter locations, Fire houses, Ambulance services, Etc.
	1. Please select a **reasonable number** of locations to contact. There is no need to contact every location in your county. Depending on the difficulty when contacting a served agency (no repeater coverage) use your best judgment when selecting the number of locations.
5. At 11:00 am the local served agency portion of the exercise will be complete. The second portion of the exercise it to send the results from the morning to the SEC, and DECs in the section.
	1. This information can be sent via Winlink over VARA VHF, HF, or another digital format. Your information can also be sent via CW or Phone on HF via an NVIS antenna system.
	2. HF bands will be setup on 20M, 40M, and 80M with the specific frequencies as listed above in #2
6. Points and scoring
	1. **Part One**
		1. 1 point for each simplex direct contact
		2. 2 points for each simplex relay (2 points for each relay point)
		3. 10 points for each contact made on a repeater with emergency power (no need for the repeater to actually be running on emergency power)
	2. **Part Two**
		1. 1 point for each contact transferred on HF (voice)
		2. 2 points for each contact transferred on HF (digital)
		3. 100 points for using a NVIS antenna (any band) to transfer the part one information.
	3. **Summary Report**
		1. 50 points will be awarded to each county submitting an exercise summary report to your SEC and DEC’s
	4. Counties submitting their county report via the ARRL website as listed on the **ENY SET 2023** document.
7. This concludes the 2023 SET for the ENY section.

**NOTES: Counties are encouraged to team up with other counties to share the responsibilities to complete the exercise and get the most points!**