



Heart of TN. A. R. E. S.

Heart of Tennessee
Amateur Radio Emergency Service®

Mobile Communications Center
MCC 1-2

Mobile Communications Center Operations Generator Operation

1. Introduction

The Heart of Tennessee Amateur Radio Emergency Service® (HOTARES®) has a Mobile Communications Center (MCC) housed in an RV. It has an onboard Generator to provide alternative power to the RV. This document provides guidance on how this generator and any auxiliary generators are to be employed in a field operation.

2. Responsibilities

The Assistant Emergency Coordinator (AEC) for the Mobile Communications Facility (MCC) is responsible for maintaining this document.

Each member of Heart of TN ARES® that works with the HOT ARES MCC and other members that may use Heart of TN. ARES® owned generators is responsible for following this guideline.

3. Related Publications

MCC 1-2 Generator Operation

4. Definition of Terms

AEC Assistant Emergency Coordinator

ARES® Amateur Radio Emergency Service® (ARES® and Amateur Radio Emergency Service® are registered service marks of the American Radio Relay League.)

MCC Mobile Communications Center

5. Guideline

- **Safety is the most important aspect of any operation.**
- When the Mobile Communications Center (MCC) Team arrives at the MCC deployment location and have completed the site survey they are to

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locate a level area.

- Verify that proper grounds are installed on the MCC and generator before powering up any equipment.
- Rope off and mark the generator area so unauthorized personnel will not find them selves in danger of getting hurt.
- Before starting the generator, check the oil level and top off the oil level if needed.
- Check all power connections at both the generator and MCC.
- Be sure all breakers are off until the generator is running.
- Check and recheck the gas line connection to the fuel supply to insure that there are no leaks.
- During any event using generators the fuel level is to be checked every hour to insure fuel does not run dry. All fuel containers need to be kept at a minimum of 5 feet from generator at all times.
- When any event exceeds four (4) hours, the back-up generator needs to be started and used. Follow the same pre-start procedures above. Follow the above preceding steps when changing generators. Change auxiliary generators every four (4) hours. All cables are to be covered with walk boards or marked to keep people from tripping over them.

6. Release Information

Keith Miller, N9DGK, Emergency Coordinator, is the author of this document for the Mobile Communications Center.

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