SOUTH CAROLINA
STATE FIRE

SC State Fire recently took delivery of its newest tool to support incidents and respond to disasters. The Mobile Command Center (MCC) will leverage satellite and internet access, as well as interoperable radios and video capabilities to improve or reestablish communication and coordination between SC State Fire assets and federal, state and local emergency response partners during incidents across the state, and nationwide.

SUPPORTING THE MISSION

SC State Fire is responsible for providing essential services and support to protect lives and property through fire prevention, training, and emergency response efforts. State Fire's mission focuses on safeguarding communities by preparing first responders and implementing measures to prevent and respond to incidents. The MCC supports State Fire's mission by providing a centralized hub for coordination, communication, and decision-making during emergencies. It will enhance response efforts by enabling real-time situational awareness and improving the efficiency of resource deployment to protect lives and property.

The MCC can support daily operations as well as special deployments of Firefighter Mobilization, SC-Task Force 1, the Palmetto Incident Support Team, SC State Fire's Fire Investigation Unit and other organizational elements.

SC STATE FIRE'S MOBILE COMMAND CENTER AT-A-GLANCE

- VHF, UHF, 7/800 Megahertz radio system frequencies
- Amateur radio (UHF, VHF, HF)
- Airband & Marine Radio
- Fleet Talk
- Cellular and satellite, secure and non-secure telephone
- Cellular and satellite data connectivity
- Video teleconferencing
- 65-inch video board capable of receiving satellite television, closed-circuit camera feeds, and video downlinks from aerial sources (e.g. helicopter).
- Video capture and security imaging
- Six on-board computer workstations
- Two large work areas each with two "slide-outs" to provide ample space for up to 18 total Command & General Staff members
- Conference center with table and seating for six
- Weather station
- Mesh network
- Triple redundancy for all communications systems (hardwire, cellular and satellite)
- 42-foot-tall telescopic communications mast with pan/tilt/zoom HD camera, satellite dishes, exterior video monitor and input/output ports allowing the MCC to connect to others on scene during a major incident
- Powering the MCC is a 25kW generator and 75-gallon fuel tank that can give it more than 24 hours of independent operational time
- 41' overall length

The MCC will deploy with a support element anytime SC Firefighter Mobilization is requested for assistance, unless the requestor specifically indicates the MCC is not needed. Additional support personnel may be requested, if needed. The MCC may also deploy upon request for other incidents, fire investigations, and large-scale training or exercise events, to support State Fire's mission and operational needs.

SC State Fire is proud and excited to have its MCC available and always at the ready to serve.

Questions? Contact Amy Williamson

statefire.llr.sc.gov