



SIXTH ANNUAL
California Mobile
Command Center Rally
May 7, 2014 Sacramento, CA



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2014 MCC Rally – LIST OF CLASSES

All classes will fit a 55-minute time slot. Time may be subject to change – a final list will be distributed prior to Rally Day.

10:00 AM

PG&E Support of Disaster Response

Richard Rodriguez, PG&E

An overview of the capabilities of the utility's mobile command vehicles and how they are used to support communities and customers – and first responders and other cooperating agencies during local emergencies and disasters such as the state's recent wildfires, the response to Hurricane Sandy, the Feather River Canyon diesel spill, and natural gas related events such as the San Bruno incident of 2010. This presentation will address upgraded communications and technical features that were incorporated as a result of our vehicle's use during last fire season. Following the presentation, hands-on demos will be held at the PG&E Mobile Command unit throughout the Rally.

11:00 AM

Emerging Communications Technologies: Lessons Learned from Hurricane Sandy and Super Typhoon Haiyan

Rakesh Bharania/Cisco

Emergency communicators are rapidly changing the way they respond during disasters. The public's ability to communicate instantly is creating high expectations for rapid emergency response. We'll be looking at some of the new communications trends and technologies from recent events such as Hurricane Sandy and Super Typhoon Haiyan.

12:00 PM

The Emergence of HF-NVIS as the Base Layer of Fallback Communications for Government, Public Safety, & Critical Infrastructure.

Don Irving & John Rosica, NVIS

Most modern public safety communications modes require complex infrastructure, which makes them inherently vulnerable. HF-NVIS (High Frequency-Near Vertical Incident Skywave) with modern software/firmware control is becoming the nation's base layer fallback mode for reliable, automated, voice and data communications over wide regional areas, without need for technical users, and with no intervening infrastructure. It is being adopted by Federal, State, and Local government agencies and by critical infrastructure providers. This session describes this critical public safety communications mode and the latest advances for automatic calling, email, LMR interconnect, PSTN interconnect, SMS, fax, and multi-hop networking.

1:00 PM

Upgrades and retrofits to your mobile command/communications vehicle

Chuck Schuler/Public Safety Innovation

Whether 10 weeks or 10 years old, all vehicles need maintenance and upgrades. Planning for the future of your vehicle is just as important as planning for its original purchase. Learn about: upgrading data, Communications

Systems, integration of video, physical limitations of some vehicles, and how to anticipate costs.

2:00 PM

Disaster Management & Communications: What We Learned from the Great East Japan Earthquake of 2011

Hitoshi Igarashi/Community Emergency Management Institute Japan

A critical overview of the difficulties encountered in the early stage of response to the earthquake and tsunami in view of improving what was lacking in terms of effective implementation of command and control activities at local government level in the 3/11 disaster in Japan. Through the university research offices he associates with in Japan, Mr. Igarashi is attempting to introduce the effective use of command and communication vehicles in disasters as one method to increase capability of gathering status information from devastated areas. In addition, he is doing research to design a command and communication vehicle for government agencies with fewer resources in developing countries.

HANDS-ON INTEROPERABILITY EXERCISE

Interop 2014 (11:00 AM – NOON)

This event will task the various MCC vehicles and their crews with a scenario and the necessity to pass messages between diverse systems, networks, and public safety & support entities. More details will be forthcoming.