NATIONAL AND REGIONAL ESF-2

How FEMA Region X coordinates emergency communications
Emergency Support Function #2

- **ESF Coordinator:** DHS/Cybersecurity & Communications
- **Primary Agencies:** DHS/CS&C, FEMA
- **Key Core Capability:** Operational Communications

- Ensure the capacity to communicate with both the emergency response community and the affected populations and establish interoperable communications between local, state, tribal, territorial, insular area, and Federal first responders.

- Re-establish sufficient communications infrastructure to support ongoing life-sustaining activities; provide basic human needs, including the needs of individuals with disabilities and others with access and functional needs; and transition to recovery.

www.fema.gov/national-response-framework
Emergency Support Function #2 (Communications)

- Assists States and localities before, during, and after an incident, minimizing communications disruptions to the general public, first responders, and critical infrastructure owners and operators.

- Leads emergency support efforts, in coordination with FEMA, to assist States and localities in restoring communications following a significant emergency or disaster.

- Supports States and localities by coordinating with Federal government and telecommunications industry partners to report damage, prioritize response efforts, and coordinate the restoration of communications.

- Prepares for communications disruptions through coordinated planning, exercises, and training with State, Local, Tribal and Territorial (SLTT) governments.
National Cybersecurity and Communications Integration Center (NCCIC)

24/7/365 Operations Center with access to and collaborating with:
- Critical Infrastructure (CI) Sectors
- Information Sharing & Analysis Centers (ISAC)
- Federal/State/Local/Tribal Government Reps
- International Partners

NCCIC

US-CERT

ICS-CERT

NCC

O&I

Information Sharing

Incident Handling and Crisis Management

Analysis

National Coordinating Center for Telecommunications (NCC)

- Subject Matter Experts in all Communication Domains
  - Coordinates with the Communications Information Sharing and Analysis Center (ISAC)
  - Wireless (Cellular, Satellite, Microwave)
  - Wireline (Public Switched Telephone Network, Internet, Signaling Systems, Physical Infrastructure)
  - Industry

- Enrollment in Priority Service and Priority Restoration Programs
  - Government Emergency Telecommunications Service (GETS)
  - Wireless Priority Service (WPS)
  - Telecommunications Service Priority (TSP)

- Real-time Access to Telecom/Internet Service Providers During Cyber Events

- Support for Emergency Support Function #2 (ESF-2)
Communications ISAC Industry Partners

- 67 members as of January 2016
National Cybersecurity and Communications Integration Center (NCCIC)

United States Computer Emergency Readiness Team (US-CERT)
- Subject Matter Experts in IT Network Architectures
  - Networking technologies, malware, digital forensics, enterprise network solutions
- State of the Art Advanced Malware Analysis Center (AMAC)
- Network, System and Host Analysis on Enterprise Systems
  - Intrusion Detection System (IDS)/ Intrusion Prevention System (IPS) Logs
  - Proxy and Network Infrastructure Logs
  - Network Traffic Analysis
  - Disk and Firmware Images
- Support for Incident Response, Recovery and Future Defense Efforts
Incident Support

Multi-Agency Coordination System (MACS)

- Primary function: Coordinate incident-related activities above the incident level and prioritize competing demands for resources, thereby assisting the coordination of the operations at the incident level.
- The NRCS and RRCS conduct multiagency coordination by strategically allocating and prioritizing national resources depending on the size and scope of an incident.

RISM: Regional Incident Support Manual
ICS: Incident Command System
UCS: Unified Coordination Staff
RRCS: Regional Response Coordination Staff
NRCS: National Response Coordination Staff
MACS: Multi-Agency Coordination System
The DEC Division at FEMA Headquarters manages a cadre of PFT, CORE, CORE-Reservists and Reservist employees that can staff these positions. DHS CS&C typically staffs one of these positions and represents the public-private partnership function of ESF #2.
Each Region has a:
- RECC = Regional Emergency Communications Coordinator (FEMA)
- OECC = Office of Emergency Communications Coordinator (DHS)
- RM = Regional Manager (GSA)
- IMA = Individual Mobilization Augmentee (DOD)

DHS/CS&C has NRCC and NCC reps

OEC also provides support for NGOs and Critical Infrastructure Sectors
Incident Management

Incident-level operation of the Federal role in incident response, recovery, logistics, and mitigation.

The Unified Coordination Staff (UCS):

- Directs control and employment of Federal resources.
- Management of incident offices and activities.
- Delivery of Federal assistance throughout all phases of incident response, recovery, and mitigation.
- Uses ICS organization and protocols.

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UCS: Unified Coordination Staff
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NRCS: National Response Coordination Staff
MACS: Multi-Agency Coordination System
Unified Coordination Staff - ESF #2 Field Team

DEC Group Supervisor

Tactical Communications
Task Force Leader

Communications Planning Manager

Wireline/Internet Communications Manager

Wireless Communications Manager

Mobile Comms Operations Vehicle Manager

Communications Restoration
Task Force Leader

Wireless Manager

Wireline Manager

Commercial Satellite Manager

Cable and Broadcast Manager
Regional Emergency Communications Coordination Workgroup (RECCWG)
* Mandated by the DHS Appropriations Act of 2007

Areas of Emphasis
- Alert & Warning
- Auxiliary Communications
- Communications Infrastructure
- Cyber
- Emergency Management
- Fire, Police, Medical
- FirstNet
- Public Safety Answering Points
- Radios
- Training & Exercises

Who’s included
- Federal, Tribal, State, Local, Private Sector, NGOs
- Elected officials, government officials, law enforcement, fire, EMS, emergency managers, communications managers, SWICs, Network Managers, ETC

Quarterly Meetings (in person and virtual)
In the works…

- Monthly HF Interoperability COMMEX
- Media Communication for Emergency Information
- 2017 Update to the Regional Emergency Communications Plan (RECP)
- Industry Airload Coordination
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Questions?

For more information, please email Laura.goudreau@fema.dhs.gov