PURPOSE

Informational brief on the capabilities, structure, and nature of response for the Region 1 Homeland Response Force (HRF) based upon the following topics:

- Mission Outline
- State-to-Federal Response
- Chemical, Biological, Radiological, and Nuclear (CBRN) Response Enterprise (CRE)
- Responding Unit Composition
- HRF Unit Locations
- Response Timeline
MISSION OUTLINE

To provide a CBRNE response capability in each FEMA region that is able to provide timely life-saving capabilities within the first 48 hours of a CBRNE event, and to establish, when necessary, a regional Command and Control (C2) structure in order to synchronize all State Active Duty (SAD) / Title 32 CBRNE response forces, including Civil Support Teams (CST), CBRNE Enhanced Response Force Packages (CERFP) and prepare for follow-on forces.

Key Tasks Include:
- Brigade and Battalion level Command and Control
- Security
- Search and Extraction
- Decontamination
- Medical Triage

End State: HRF effectively mitigates human suffering and loss of life and further coordinates the response efforts of several additional CSTs and/or CERFPs in order to provide the most efficient response and COP.
• Civil Support Team (CST)
  22 Active Guard Reserve (AGR) Personnel specializing in presumptive analysis and identification.
  57 Teams Nationwide, 1254 Personnel comprised of Air and Army National Guards

• CBRN Enhanced Response Force Package (CERFP)
  197 Personnel specializing in Search and Extraction, Decontamination, Medical Triage and Care, Fatality Search Recovery Team (FSRT)
  17 Units, 3349 Total, AGR/ADOS/M-DAY

• Homeland Response Force (HRF)
  577 Personnel specializing in C2, CBRN ASSESSMENT, Search and Extraction, Decontamination, Medical Triage and Care, Fatality Search Recovery Team (FSRT)
  10 HRFs, 5770 Personnel, AGR/ADOS/M-Day
HOMELAND RESPONSE FORCE

Total Personnel = 577

CBRN TF
Same as CERFP

CBRNE Assistance and Support Element (200 Personnel)
Search & Extraction (50 Personnel)
DECON (75 Personnel)
Medical (45 Personnel)
Fatality Search & Recovery (FSRT) (11 Personnel)

Capabilities/Throughput

• Decon – 225AMB 75 NONAMB per hour, Level C Hazmat
• S&E - Rope, Confined, Collapsed Rescue
• CASE - Security
• Med – 330 Patients per hour, Trauma Care
• FSRT – Fatality Recovery

Limitations

• Strictly a command and control element
• Weather
• Hazards
• CASE is organized for organic support only
• Transportation of casualties
### HRF C2

#### Organizational Chart

- 180 Soldiers broken down in 3 sub units:
  - Command and Control (145 Soldiers)
  - Logistical Support Team (26 Soldiers)
  - Network/Communications (9 Soldiers)

#### Critical Assets: Soldiers/Equipment

- Joint Incident Site Communications Capability (JISCC)
- Early Entry Command Post (EECP)

#### Capability/Throughput

- Capable of controlling and supporting up to 3 CERFPs and 6 CSTs over a 96 hour period
- Able to be on site and fully operational anywhere in FEMA Region 1 (New England area) within 12 hours

#### Limitations

- Strictly Command and Control element
## Organizational Chart

- 22 Active Guard/Reserve Soldiers and Airmen broken down by specialty:
  - Command (2 Personnel)
  - Operations
  - Communications
  - Admin/Logistics
  - Medical
  - Survey

## Critical Assets: Personnel/Equipment

- Mobile science asset with trained personnel that is capable of qualitative analysis to identify specific hazards
- Computer Modeling and Response Database Systems
- Reconnaissance, Detection, and Sampling Gear (Nerve/Blister/Blood Agents, Alpha/Beta/Gamma/X-Ray sources, etc)

## Capability/Throughput

- Capable of detecting and identifying potentially Hazardous Materials (HAZMAT) and recommending courses of action for containment
- Able to be on site and fully operational anywhere in FEMA Region 1 (New England area) within 3 hours

## Limitations

- No mass life-saving capability or mission
- Quantitative analysis is delayed due to non-mobility of technology
### Organizational Chart
- 197 Soldiers and Airmen broken down into five sections:
  - Command and Control (16 Soldiers)
  - Search and Extraction (50 Soldiers)
  - Decontamination (75 Soldiers)
  - Medical (47 Airmen)
  - Fatality Search and Rescue (11 Airmen)

### Capability/Throughput
- Able to deploy and be operational anywhere in FEMA Region 1 within 6 hours
- Decontamination (per hour/optimal conditions):
  - 225 ambulatory people
  - 75 non-ambulatory people

### Critical Assets: Soldiers/Equipment
- The Command and Control element capable of and trained in directing a joint multifaceted element able to respond to all CBRN events

### Limitations
- Cold weather severely impacts normal operation; heater elements or a large temperature-controlled building may be required for inclement weather operations
- CBRN personnel operate in Level C Personal Protective Equipment (PPE); hot weather rest cycles will limit shift-time for personnel and fewer decon lines will be operational (estimate 33% reduction in throughput)
- **Individual Qualifications**
  - Command and Staff
    - WMD and Collapse Mission Command Staff Planning Course
  - All C2 members trained and certified to the HAZMAT Awareness Level (CFR 1910-120)

- **Primary Capabilities**
  - 197 Soldiers total (five sub elements)
  - Conduct planning and coordination
  - Issue Orders
  - Conduct Incident Operations
  - Conduct Sustainment Operations
  - Conduct Deployment Operations
  - Conduct Redeployment Operations
  - Reports to the JTF-State and incident commander
CBRN ASSISTANCE AND SUPPORT ELEMENT (CASE)

Organizational Chart

- 200 Soldiers drawn equally from the VT and CT National Guards

Capability/Throughput

- Provide specially trained Soldiers that operate in contaminated areas directly supporting the CERFP with security and casualty assistance
- Can support up to 4 CERFPs at the same time with 47-Soldier elements

Critical Assets: Soldiers/Equipment

- Level C Suit
- HAZMAT Operations trained Soldiers

Limitations

- If supporting 4 CERFPs, can only work non-contiguous 12-hour cycles
CBRN ASSISTANCE AND SUPPORT (CASE)

**Individual Qualifications**
- ICS 800 Introduction to National Response Framework

**Primary Capabilities**
- 200 Soldiers from VT and CT NG
- Provides force protection
- Assist in casualty movement
- Secure area of operations
- Provide control at cordon and entry points
- Assist with crowd control

All CASE members trained and certified to the HAZMAT Operations Level (CFR 1910-120)
### Organizational Chart
- 75 Soldiers drawn from a Chemical unit

### Capability/Throughput
- Decontamination (per hour/optimal conditions)
  - 225 ambulatory people
  - 75 non-ambulatory people

### Critical Assets: Soldiers/Equipment
- Level C Suits
- Decontamination tents with wet decontamination capability

### Limitations
- Cold weather severely impacts normal operation; heater elements or a large temperature-controlled building may be required for inclement weather operations
- CBRN personnel operate in Level C PPE; hot weather rest cycles will limit shift-time for personnel and fewer decon lines will be operational (estimate 33% reduction in throughput)
DECONTAMINATION

• **Primary Capabilities**
  – 75 Soldiers drawn from the 272 CM CO
  – Establish CBRN response DECON site
  – Conduct ambulatory & non-ambulatory clothing removal, decontamination, monitoring, and redress operations
  – Establish equipment and personnel property decontamination stations
  – Establish and maintain a hazardous waste site
  – Establish technical DECON Line

**All DECON members trained and certified to the HAZMAT Operations Level (CFR 1910-120)**
SEARCH & EXTRACTION

Organizational Chart

- 50 Soldiers drawn from a variety of units, preferably Engineers

Capability/Throughput

- Provides specially trained Soldiers who can conduct rescue operations in confined and collapsed areas within a contaminated area

Critical Assets: Soldiers/Equipment

- Level I & II training for:
  - Rope Rescuer
  - Confined Space Rescue
  - Structural Collapse Rescuer

Limitations

- Cold weather severely impacts normal operation; heater elements or a large temperature-controlled building may be required for inclement weather operations
- CBRN personnel operate in Level C PPE; hot weather rest cycles will limit shift-time for personnel and fewer decon lines will be operational (estimate 33% reduction in throughput)
SEARCH & EXTRACTION

- **Collective Capabilities (NFPA 1670)**
  - S&E element trained and equipped to provide the following operational capabilities
    - Rope Rescue at the Operations Level
    - Structural Collapse Search and Rescue at the Operations Level
    - Confined Space Search and Rescue at the Operations Level

- **Individual Qualifications (NFPA 1006 (2013))**
  - All Members
    - Level I Rope Rescuer
    - Level I Confined Space Rescuer
    - Level I Structural Collapse Rescuer
  - Team Leaders and above (a minimum of 5 members per S&E element)
    - Level II Rope Rescuer
    - Level II Confined Space Rescuer
    - Level II Structural Collapse Rescuer

- **Primary Capabilities**
  - 50 Soldiers drawn from 101 EN BN
  - Conduct search
  - Conduct rope rescue operations
  - Conduct lifting/loading operations
  - Conduct confined space operations
  - Conduct S&E tasks below IDLH levels in Level B/C PPE with PAPR

All S&E members trained and certified to the HAZMAT Operations level (CFR 1910-120)

All equipment meets NIOSH/ ANSI/OSHA Safety/Protection Standards
Organizational Chart

- 47 Airmen broken down by specialty:
  - 4 Providers (MDs)
  - 4 Physician’s Assistants
  - 6 Nurses
  - 2 Public Health Officers
  - 2 Bioenvironmental Engineers
  - 23 Medics
  - 4 Support Airmen

Capability/Throughput

- Medical support (per equipment set)
  - 330 Patients

Critical Assets: Airmen/Equipment

- 4 Medical Providers capable of trauma care

Limitations

- Each Provider oversees the care of 2 critical patients at a time; the loss of 1 Provider degrades throughput capability
- No ambulance capability
• **Individual Qualifications**
  - BLS, ACLS and PALS
  - ATLS, PHTLS, and TNCC
  - Trauma Training
  - Medical/Field Management of Chemical and Biological Casualties Course (MMCBC)/(FMCBC)
  - Incident Command, Capabilities, Planning and Response Actions for All Hazards (IC)
  - Healthcare Leadership for Mass Casualty Incidents (HCL)
  - Emergency Medical Operations for CBRN Incidents (EMO)
  - Intermediate Hands-On Training for CBRN Incidents (HOT-I)
  - Medical Effects of Ionizing Radiation (MEIR)
  - Radiological Emergency Response
  - Radiological Emergency Management
  - Radiological Emergency Response Operations (RERO)
  - Possess civilian licensure as physicians, PAs, registered nurses, pharmacists or NREMTs

• **Primary Capabilities**
  - 52 Airmen drawn from the 102 and 104 MDGs
  - Provide health and medical monitoring for assigned CERFP/HRF personnel during operations
  - Provide medical support to S&E teams
  - Perform triage operations in the hot zone
  - Team lead casualty collection
  - Perform cold zone triage
  - Treat CBRN casualties
  - Stabilize patients for movement to definitive care

**All Medical members trained and certified to the either the *HAZMAT Awareness or HAZMAT Operations Level (CFR 1910-120)*
Organizational Chart

- 11 Airmen

Capability/Throughput

- Takes possession of fatalities from other CERFP elements
- Double bags contaminated remains
- Search and recover fatalities
- Turn over remains to the IC

Critical Assets: Airmen/Equipment

- Have all of the same training as the Search and Extraction team

Limitations

- Cold weather severely impacts normal operation; heater elements or a large temperature-controlled building may be required for inclement weather operations
- CBRN personnel operate in Level C PPE; hot weather rest cycles will limit shift-time for personnel and fewer decon lines will be operational (estimate 33% reduction in throughput)
- Special transportation for contaminated remains required
FATALITY, SEARCH, AND EXTRACTION

- **Individual Qualifications**
  - Mortuary Skills Enhancement
  - In-Residence Mortuary Officers Course
  - Home Station Readiness Course

  All FSRT members trained and certified to the HAZMAT Operations Level (CFR 1910-120)

- **Primary Capabilities**
  - 11 Airmen drawn from 104 MDG
  - Takes possession of fatalities from other CERFP elements
  - Double bag contaminated remains
  - Search and recover fatalities
  - Turn remains over to the IC