CBRN Response Enterprise

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Mission and Objectives

Mission: When directed, USNORTHCOM and NGB conducts CBRN response operations within the domestic portion of the USNORTHCOM area of responsibility to support civil authorities in response to CBRN incidents in order to save lives and minimize human suffering.

Objectives in a supporting role…

– **Manage the Enterprise**
  - Forces are trained, equipped and ready
  - National Guard and Title 10 responses are fully integrated through supporting plans and effective training, exercises, and coordination

– **Deploy and employ forces**
  - Necessary forces are deployed and redeployed in accordance with the needs of the Primary Agency in support of the affected state(s)

– **Save lives**
  - Search and extraction, decontamination, emergency medical care, and medical evacuation effectively support affected population

– **Minimize suffering**
  - At-risk populations are evacuated from contaminated areas to established shelters

– **Establish and maintain a supporting C3&I* network**
  - Supported / supporting relationship are clearly understood by all agencies (to include DOD's supporting role), and communications and information flow freely

– **Maintain public confidence**
  - Domestic audiences are provided with accurate information regarding DOD support to Primary Agency

* C3I = Command, Control, Communications, and Information

CBRN Response Enterprise

- **2010 Quadrennial Defense Review resulted in SecDef decision to restructure CBRN response forces and to revise DOD's operational concept for CBRN response**

- **Operational Concept developed by USNORTHCOM/NGB Joint Planning Team in collaboration with DOD components, the National Guard, and interagency partners**

- **Implementation will be complete on 1 October 12**

- **The military CBRN Response Enterprise includes:**
  - **National Guard units assigned to the National Guards of their respective states:**
    - **Weapons of Mass Destruction Civil Support Teams (WMD-CSTs)**
    - **CBRN Enhanced Response Force Packages (CERFPs)**
    - **Homeland Response Forces (HRFs)**
  - **Title 10 units allocated to USNORTHCOM for this mission:**
    - **Defense CBRN Response Force (DCRF)**
    - **Command & Control CBRN Response Elements (C2CREs A and B)**
- **In addition, a catastrophic incident may require significant contingency-sourced follow-on forces**
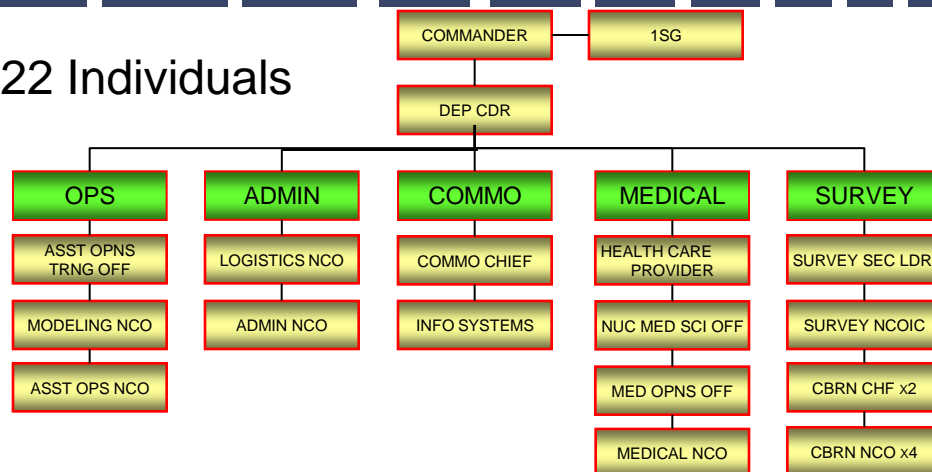
WMD-CST Overview

MISSION: Support civil authorities at a domestic CBRNE incident site by identifying CBRNE agents and substances, assessing current and projected consequences, advising on response measures, and assisting with appropriate requests for additional support.

NDAA FY07 expanded the mission set to include responses to intentional or unintentional releases of Toxic Industrial Chemicals (TICs) and Materials (TIMs), and natural or man-made disasters in the United States that result, or could result, in catastrophic loss of life or property.

WMD-CST KEY CHARACTERISTICS:

- Established in Law
- 57 WMD-CSTs certified by the SECDEF
- Operate only in US and Territories
- 22 Full-time, T32 AGR Personnel, Jointly manned w/ ARNG and ANG personnel
- 80% Non-standard equipment
- Sophisticated Reach back System
- Interoperable with First Responders
- All WMD-CST personnel are HAZMAT TECH certified

22 Individuals

Org chart:
- COMMANDER — 1SG
- DEP CDR
  - OPS
    - ASST OPNS TRNG OFF
    - MODELING NCO
    - ASST OPS NCO
  - ADMIN
    - LOGISTICS NCO
    - ADMIN NCO
  - COMMO
    - COMMO CHIEF
    - INFO SYSTEMS
  - MEDICAL
    - HEALTH CARE PROVIDER
    - NUC MED SCI OFF
    - MED OPNS OFF
    - MEDICAL NCO
  - SURVEY
    - SURVEY SEC LDR
    - SURVEY NCOIC
    - CBRN CHF x2
    - CBRN NCO x4

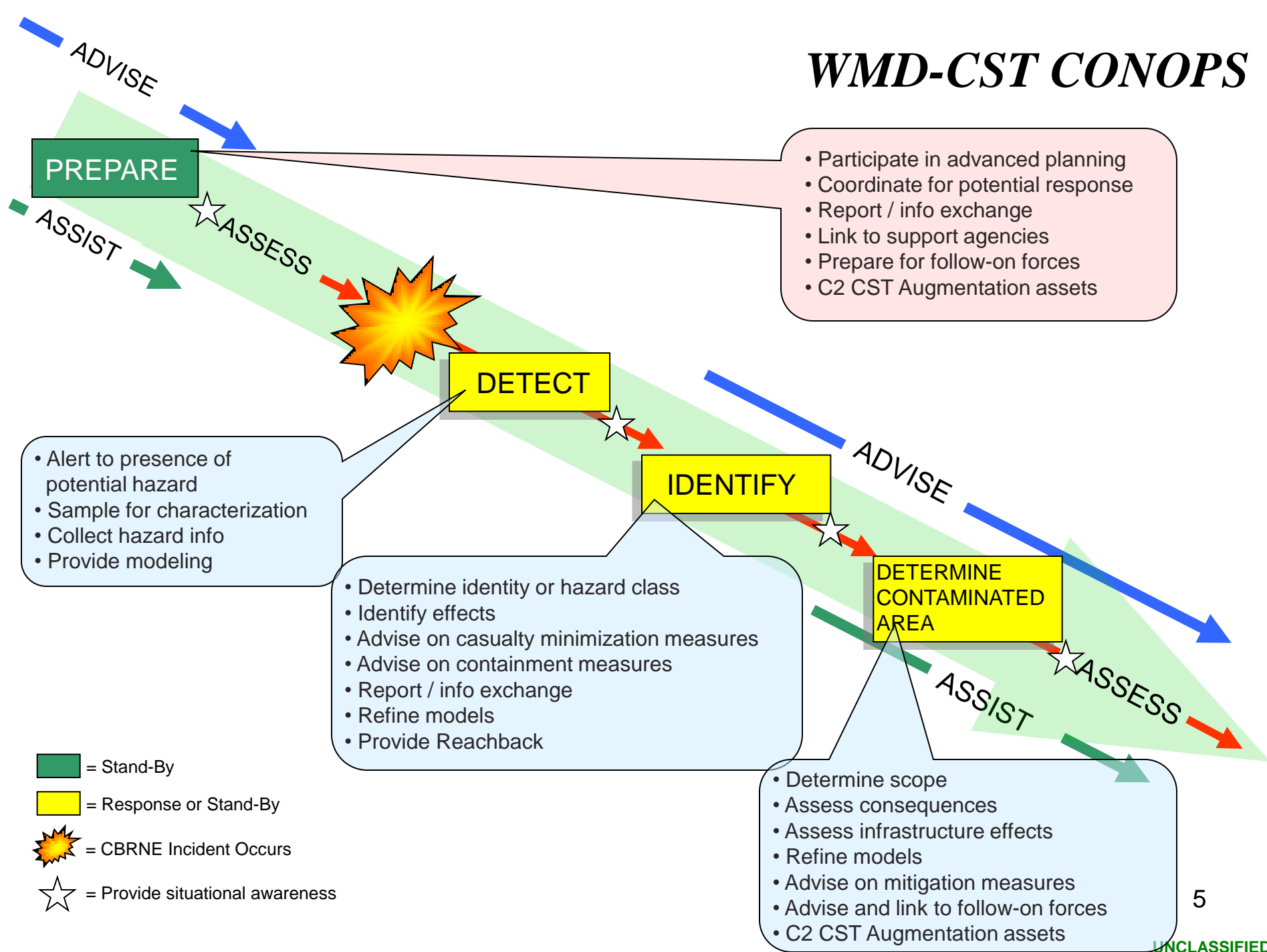**Unified Communications Suite (UCS)**

- Radios:
  - UHF/VHF
  - SATCOM
  - INMARSAT
- Phones:
  - DSN
  - Commercial
- Data:
  - NIPRNET
  - SIPRNET
- Video

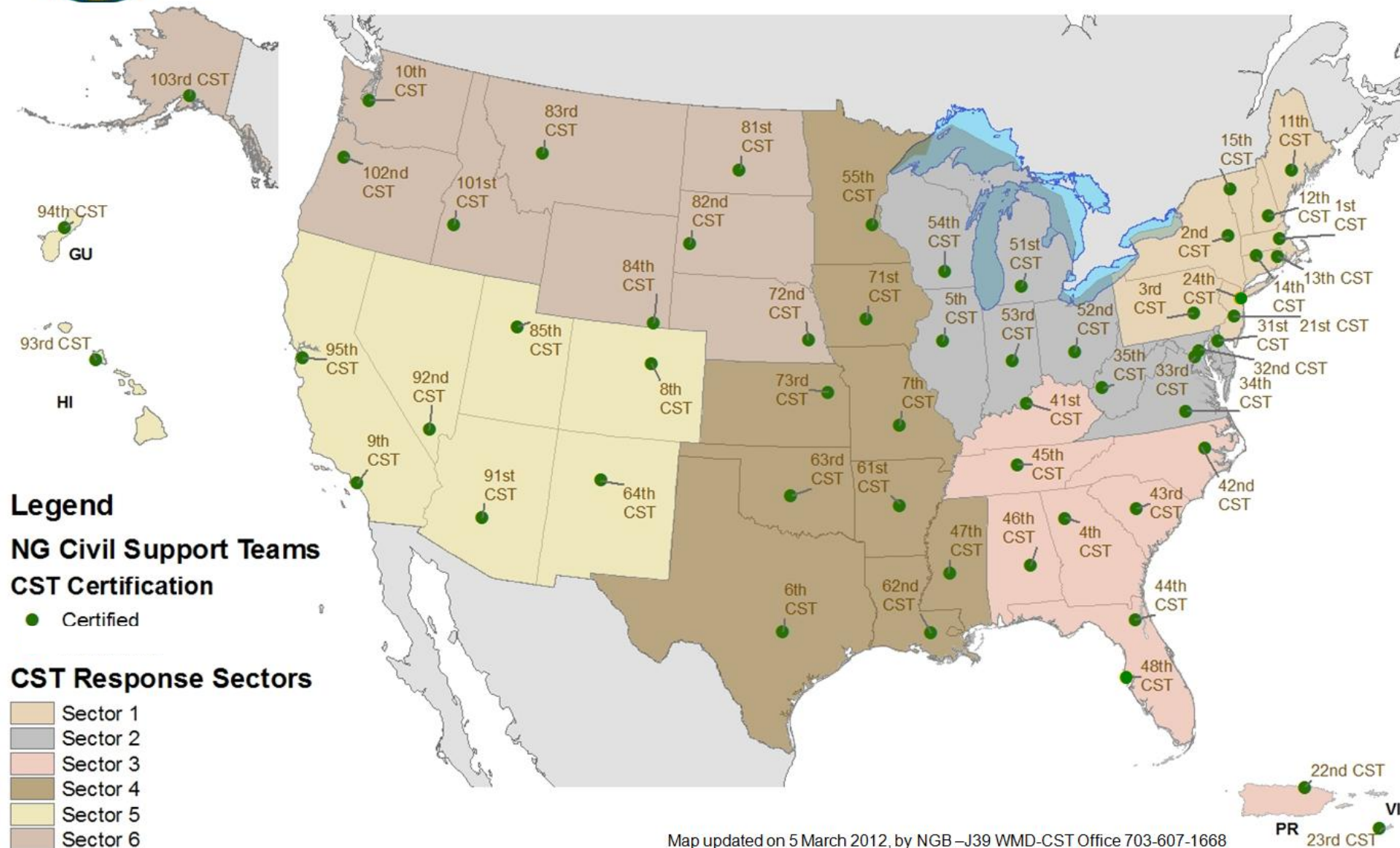**Analytical Laboratory System (ALS)**

- Refrigerator
- Glove Box
- GC/MS
- Immunoassay Tickets
- Gamma Spectrometer
- Fluorescent Microscope
- PCR
- FTIR
- Digital transmission link to UCS

4

WMD-CST CONOPS

PREPARE

ADVISE

ASSIST

ASSESS

- Participate in advanced planning
- Coordinate for potential response
- Report / info exchange
- Link to support agencies
- Prepare for follow-on forces
- C2 CST Augmentation assets

DETECT

ADVISE

- Alert to presence of potential hazard
- Sample for characterization
- Collect hazard info
- Provide modeling

IDENTIFY

- Determine identity or hazard class
- Identify effects
- Advise on casualty minimization measures
- Advise on containment measures
- Report / info exchange
- Refine models
- Provide Reachback

DETERMINE CONTAMINATED AREA

ASSIST

ASSESS

- Determine scope
- Assess consequences
- Assess infrastructure effects
- Refine models
- Advise on mitigation measures
- Advise and link to follow-on forces
- C2 CST Augmentation assets

■ = Stand-By

■ = Response or Stand-By

✺ = CBRNE Incident Occurs

☆ = Provide situational awareness

5

57 WMD-CST Locations/Sectors

Legend

NG Civil Support Teams

CST Certification

- Certified

CST Response Sectors

	Sector 1
	Sector 2
	Sector 3
	Sector 4
	Sector 5
	Sector 6

Map updated on 5 March 2012, by NGB –J39 WMD-CST Office 703-607-1668

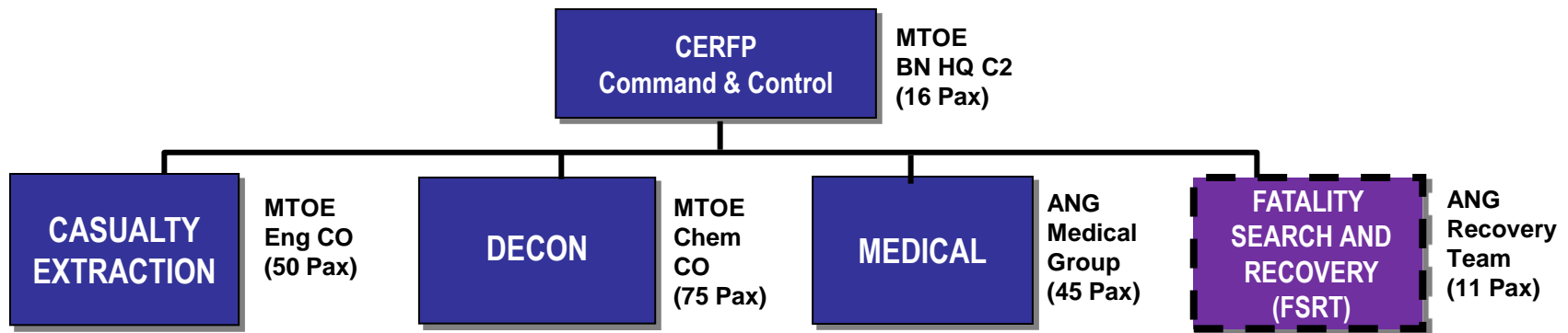# *CBRN Enhanced Response Force Package*

MISSION: O/O responds to chemical, biological, radiological, or nuclear (CBRN) incident and assists local, state, and federal agencies in conducting consequence management by providing capabilities to conduct patient /mass casualty decontamination, emergency medical services, and casualty search and extraction.

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                    ┌─────────────────┐   MTOE
                    │     CERFP        │   BN HQ C2
                    │ Command & Control│   (16 Pax)
                    └─────────────────┘
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| CASUALTY EXTRACTION | MTOE Eng CO (50 Pax) | DECON | MTOE Chem CO (75 Pax) | MEDICAL | ANG Medical Group (45 Pax) | FATALITY SEARCH AND RECOVERY (FSRT) | ANG Recovery Team (11 Pax) |

KEY CHARACTERISTICS:

- **Dual missioned and modular**
- **Must Pass an external evaluation every 24-36 Months**
- **Comprised of NG Army and Air personnel**
- **On M-Day status until activated**
- **186 M-Day and five Title 32 full time AGR personnel (Additional 11 M-Day Airmen-FSRT- per team)**
- **Specialized training for a WMD environment, equipment meets NIOSH/OSHA standards**
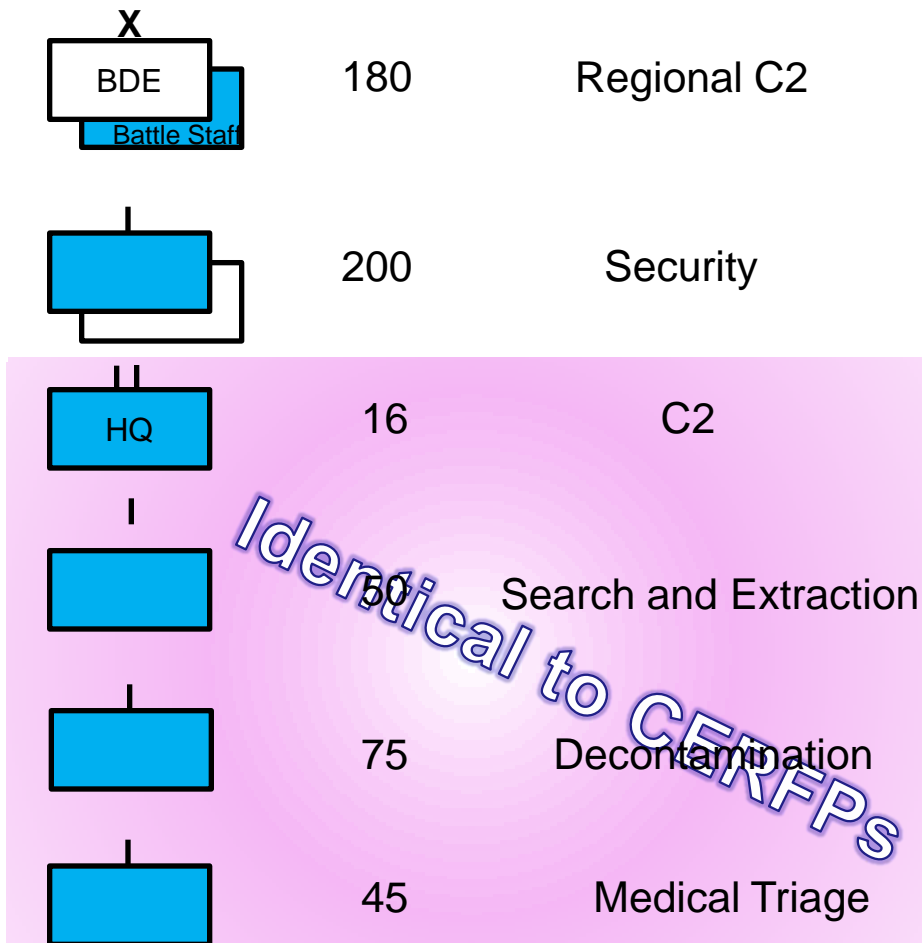- **Can be utilized in SAD, Title 32 or Title 10**

Homeland Response Force

	Personnel	Function
X BDE / Battle Staff	180	Regional C2
	200	Security
HQ	16	C2
	50	Search and Extraction
	75	Decontamination
	45	Medical Triage

Identical to CERFPs

MISSION: **When directed by proper authority and upon consent of the Governor(s), the Homeland Response Force (HRF) alerts and assembles within six hours; on order, deploys and conducts command and control; security; search and extraction; decontamination; and medical triage as needed in order to save lives and mitigate human suffering; on order, transitions operations to civil authorities and redeploys.**

KEY CHARACTERISTICS:

- **Provides a regionalized, distributed, life saving CBRN response capability**
- **Bridges a gap between initial NG response and Title 10 capabilities**
- **Improves C2 and Common Operating Picture (COP) of deployed NG CBRN forces**

As of: 14 Mar 2012
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8

HRF / New CERFP EXEVAL Timeline

State	Enterprise Element	FY 11			FY 12										
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Ohio	HRF #1	25-29 Muscatatuck, IN													
Washington	HRF #2		8-12 Spokane, WA												
Indiana	CERFP #1		22-26 Atterbury, IN												
Alabama	CERFP #2			12-16 Anniston, AL											
Texas	HRF #3				10-15 College Station, TX										
Pennsylvania	HRF #4				24-28 Fort Indian Town Gap, PA										
Maine	CERFP #3				24-28 Concord, NH										
Georgia	HRF #5					14-18 Camp Blanding, FL									
Puerto Rico	CERFP #4								6-10 Camp Santiago, P.R.						
California	HRF #6								27 -2 Camp Roberts, CA						
Missouri	HRF #7									19-23 Muscatatuck, IN					
Louisiana	CERFP #5									Camp Beauregard, LA 16-20					
Nevada	CERFP #6										Las Vegas, NV 23-27				
Oregon	CERFP #7											Salem, OR 7-11			
NY/NJ	HRF #8											Oriskany, NY 15-19			
Kentucky	CERFP #8											Muscatatuck, IN 21-25			
Wisconsin	CERFP#9												Volk Field, WI 11-15		
Utah	HRF #9													Camp Williams, UT 16-20	
MA/CT/VT	HRF #10														Camp Edwards, MA 6-10

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Title 32 CBRN Enterprise - 1 OCT 12

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Legend:
- CERFP
- HRF
- CST
- C2CRE B

10
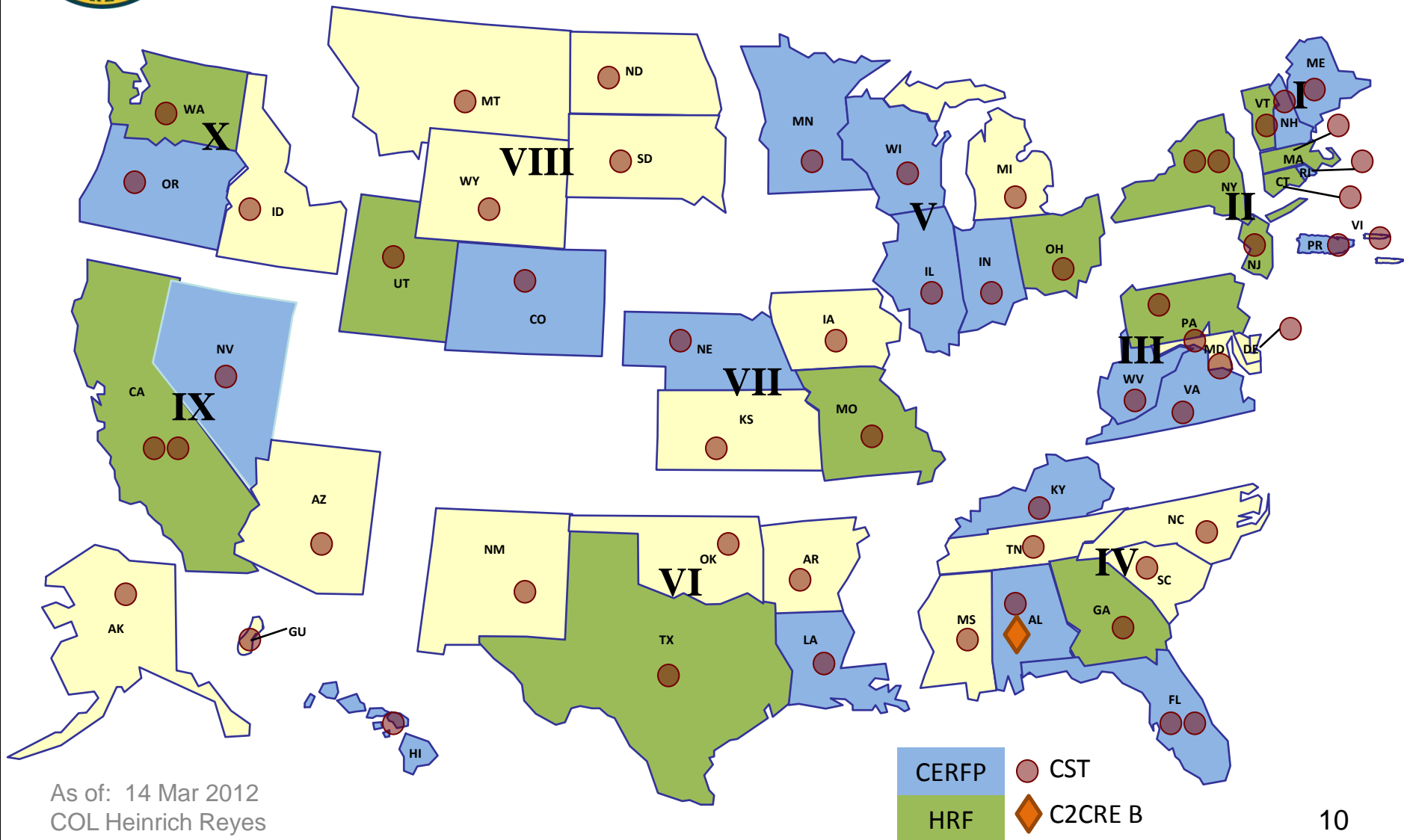
Homeland Response Force
Potential Operational Picture

HRF FOOTPRINT

COLD ZONE — WARM ZONE — HOT ZONE

SITE 1 — CST — CBRNE TF
HRF 3–15 Miles From Incident
EVACUATE CASUALTIES (ICS)
DECON LANE 1 / DECON LANE 2 / DECON LANE 3
COLLECTION TRIAGE — SEARCH EXTRACT
Incident CP

SITE 2 — CERFP
EVACUATE CASUALTIES (ICS)
DECON LANE 1 / DECON LANE 2 / DECON LANE 3
COLLECTION TRIAGE — SEARCH EXTRACT
Exclusion Zone

CST — CERFP — Incident Base
5–25 Miles From Incident
SECFOR

SITE 3 — CERFP — CST
EVACUATE CASUALTIES (ICS)
DECON LANE 1 / DECON LANE 2 / DECON LANE 3
COLLECTION TRIAGE — SEARCH EXTRACT

CST — CERFP — Camp

Assumed Wind Direction

CBRN Response Enterprise

T-32 State Response

Federal Response

Total Force 10,076

Total Force ~9,200

National Guard Civil Support Team

National Guard CBRNE Enhanced Response Force Package

National Guard Homeland Response Force

Defense CBRN Response Force

HRF
(10 units)
5660 personnel

CST
(57 teams)
1254 personnel

CERFP
(17 units)
3162 personnel

-566 personnel
-Search/Rescue
-Decontamination
-Emergency Med
-Security
-Logistic Support
-C2

- 22 personnel
- Detection
- Identification

-186 personnel
-Search/Rescue
-Decontamination
-Emergency Med

DCRF
5200 personnel

-CBRN Assessment
-Search/Rescue
-Decontamination
-Emergency Med
-Security
-Logistics Support
-C2
-FP1   - 2000 personnel, 24hrs
-FP 2/3 - 3200 personnel, 48 hrs

C2CREs (Alpha, Bravo)
Approx. 1500 personnel each, 96hrs
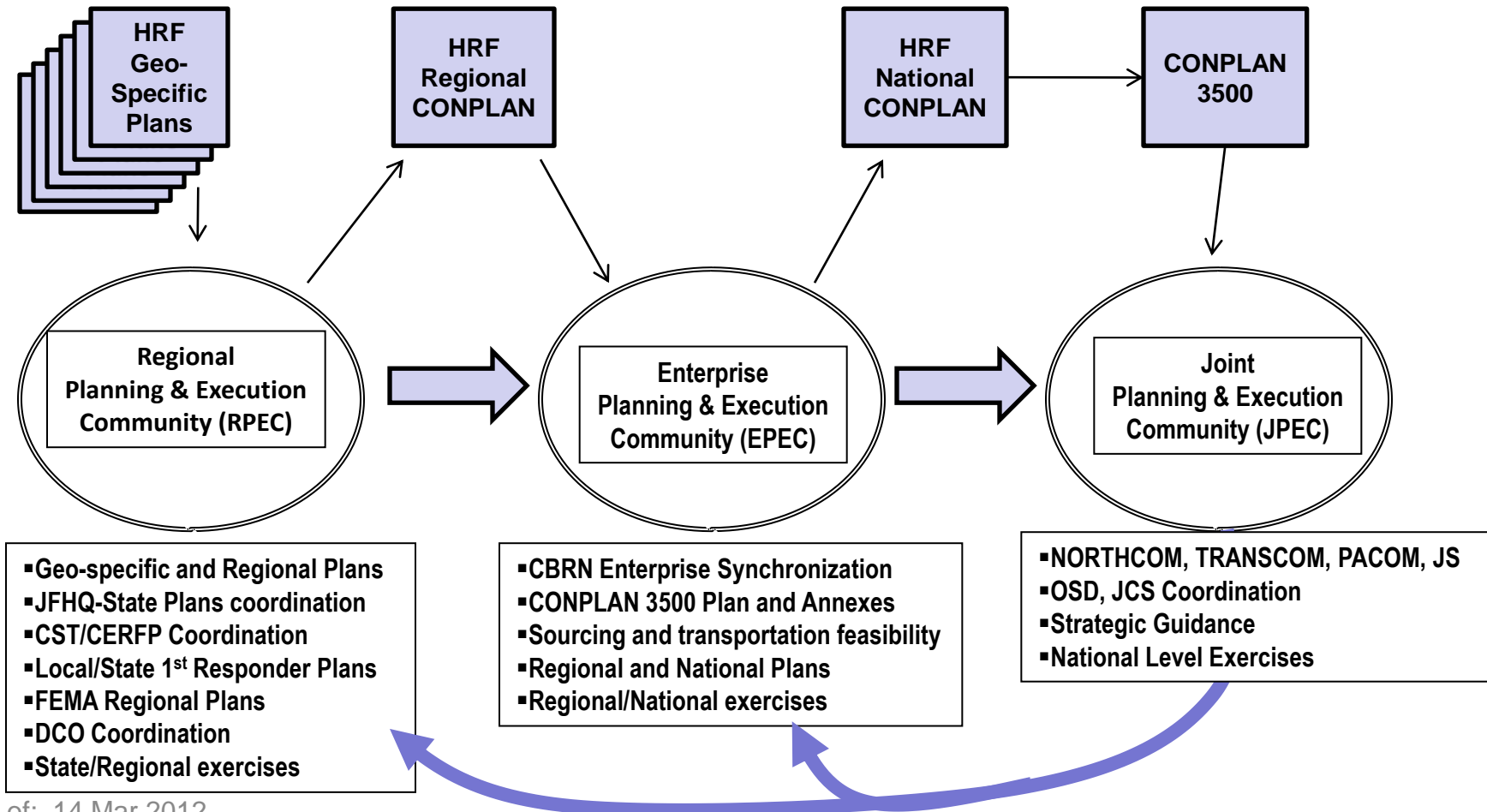Approx. 4000 personnel total

Follow-on General Purpose Forces

General Purpose Forces

-Aviation
-Security
-Medical
-Logistics

Plans Relationships

CBRN Response Enterprise Family of Plans

HRF Geo-Specific Plans → **Regional Planning & Execution Community (RPEC)**

HRF Regional CONPLAN → **Enterprise Planning & Execution Community (EPEC)**

HRF National CONPLAN → **CONPLAN 3500** → **Joint Planning & Execution Community (JPEC)**

Regional Planning & Execution Community (RPEC)
- Geo-specific and Regional Plans
- JFHQ-State Plans coordination
- CST/CERFP Coordination
- Local/State 1st Responder Plans
- FEMA Regional Plans
- DCO Coordination
- State/Regional exercises

Enterprise Planning & Execution Community (EPEC)
- CBRN Enterprise Synchronization
- CONPLAN 3500 Plan and Annexes
- Sourcing and transportation feasibility
- Regional and National Plans
- Regional/National exercises

Joint Planning & Execution Community (JPEC)
- NORTHCOM, TRANSCOM, PACOM, JS
- OSD, JCS Coordination
- Strategic Guidance
- National Level Exercises

13

QUESTIONS?

14

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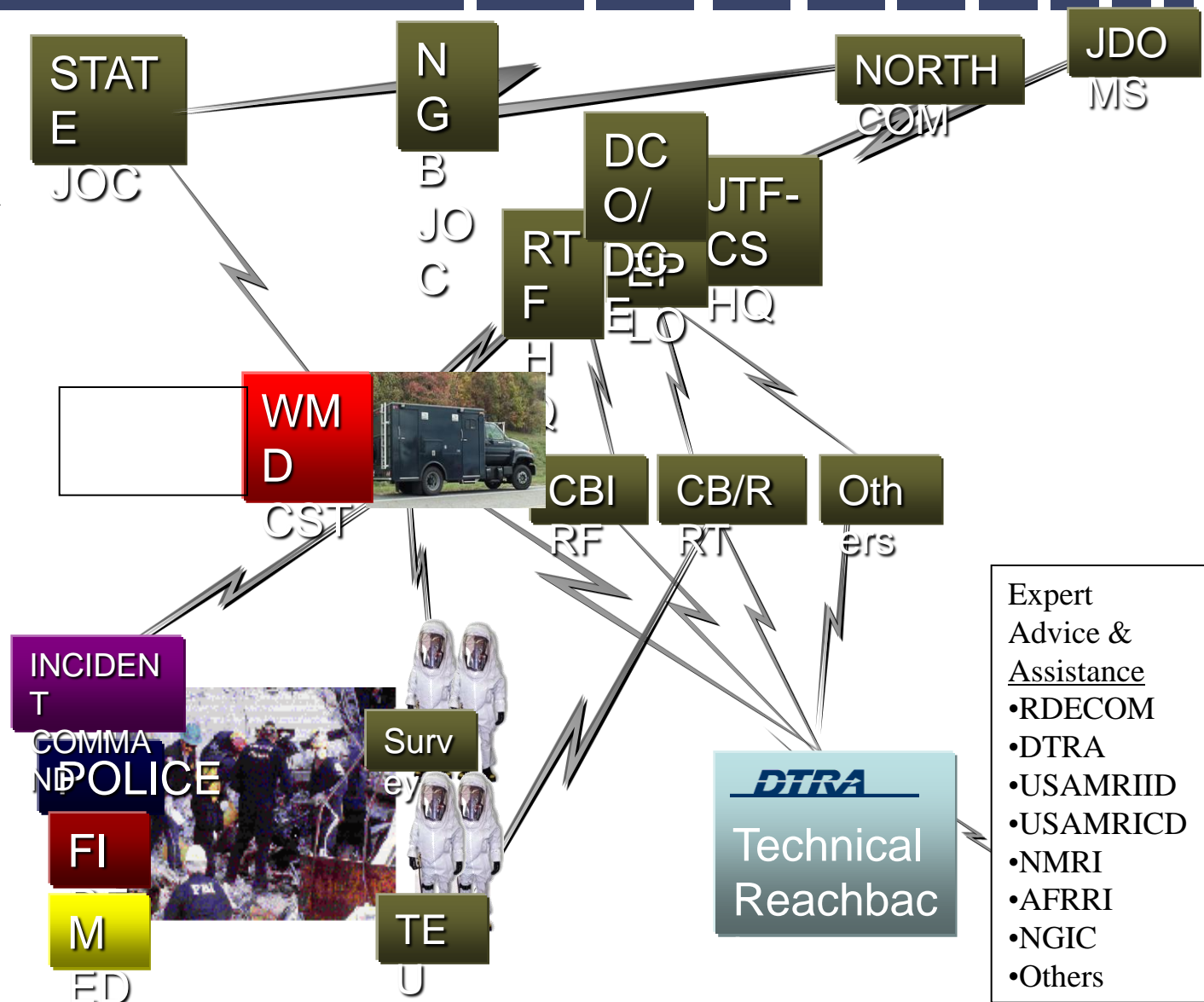# *Backup Slides*

Reachback System

Reachback includes Secure & Non-Secure Voice, Video, and Data Connectivity to:

- Local Responders
- Incident Commander
- National Guard Elements
- DTRA and other supporting technical assets

Through the chain of command to:

- Regional Task Forces
- DCCO/DCE
- JTF-CS
- CBIRF
- NORTHCOM
- JDOMS

STATE JOC

NGB JOC

NORTH COM

JDOMS

DCO/DCE LO

JTF-CS HQ

RTF HQ

WMD CST

CBIRF

CB/RRT

Others

INCIDENT COMMAND

POLICE

FIRE

MED

Survey

TEU

DTRA

Technical Reachbac

Expert Advice & Assistance
- RDECOM
- DTRA
- USAMRIID
- USAMRICD
- NMRI
- AFRRI
- NGIC
- Others

As of 1 March 2
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WMD-CST Response Management Plan

- Organizes WMD-CSTs on a short recall status to deploy anywhere in the U.S.

- In response to a suspected, threatened, or actual terrorist attack

- Coverage across the Nation organized into six regions.

An Operational Unit — A National Asset