Weapons of Mass Destruction
Civil Support Team
(WMD-CST)

State EOC Brief
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UNCLASSIFIED
AGENDA

- Federal Authorization
- Florida National Guard CBRN Enterprise
- CST Mission
- Unit Structure
- Request for Support Process
- CST Capabilities
- Sections/ Equipment
- Response/Training Packages
- Support Requirements
- Area Representatives
- CST Points of Contact
Federal Authorizations

- PDD-39: defines policies regarding the Federal response to threats or acts of terrorism involving nuclear, biological, and/or chemical material, and/or weapons of mass destruction (NBC/WMD) (1995)


- Nunn-Lugar-Domenici Act: provides essential authority for us to address our domestic vulnerabilities (1996)

- PDD-62: Combating Terrorism, further defined responsibilities for specific agencies (1998)

CSTs Nation Wide
FLNG CBRN Enterprise

48th Civil Support Team (CST)
Pinellas County
Clearwater, FL

Civil Support Team (CST)
Bradford County
Camp Blanding, FL

Florida CERF-P
Bradford County
Camp Blanding, FL
Mission

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

This includes intentional or unintentional release of nuclear, biological, radiological, or toxic or poisonous chemical materials and natural or man-made disasters in the United States that results in, or could result in, catastrophic loss of life or property.

*No costs associated with the deployment of CST*
CST Structure

Command Team
- Unit Commander (O-5)
- Deputy Commander (O-4)
- First Sergeant (E-8)

Operations Team
- Operations Officer (O-3)
- Operations NCO-Modeling (E-7)
- Asst Operation NCO (E-6)

DECON / Admin & Logistics Team
- Logistics NCO (E-7)
- Admin NCO (E-6)
- Training NCO (E-6)

Communications Team
- Communications Team Chief (E-7)
- Information Sys Operator/Analyst (E-7)

Survey Team
- Survey Team Leader (O-3)
- NBC Reconnaissance NCO (E-7)
- 2 – NBC Team Chiefs (E-6)
- 4 – NBC Team Members (E-5)

Medical Team
- Physician Asst (O-4)
- Medical Ops Officer (O-3)
- Nuc Med Science Officer (O-3)
- Medical NCO (E-7)

- 22 Active Duty Personnel
- Jointly manned by ARNG and ANG
CST Capabilities

• Detect and completely characterize an unknown sample of suspected WMD agents and substances present at an incident site.
• Provide an on-site, mobile, analytical platform to perform an analysis and characterization of unknown samples.
• Determine the current contaminated area; and assess current and potential hazards to personnel, animals, and selected critical infrastructure features resulting from identified agent or substance presence.
• Advise civil authorities on initial casualty medical management and casualty minimization measures.
• Advise civil authorities on the capability of potential, additional support assets; and assist with requests for such assets.
• Maintain real-time, operational, secure and nonsecure communications with higher headquarters and the reachback network.
• Provide the decontamination of assigned personnel and equipment, and advise the IC on setting up a decontamination site.
• Provide (for assigned personnel only) preventive medicine, medical surveillance, and emergency medical care.
  ▪ Liaison Support/ Agency Representation
  ▪ Provide a wide variety of unique training assistance (individual and collective):
    ▪ Decontamination Tactics Techniques and Procedures (TTPs)
    ▪ Maritime CBRN Operations
    ▪ Specialized Training
Operations Section (Modeling)

- Maintains the unit OPCEN
- Provides a common operational picture (COP) for the commander by tracking the status of missions and mission elements. Initiates reach-back to CBRNE SMEs to obtain technical advice.
- Provides hazard modeling capability to determine the extent of contamination and the hazard to populated areas using CAMEO (Computer-Aided Management of Emergency Operations), HPAC (Hazard Prediction and Assessment Capability), and E-PLAN capabilities.
The UCS links to and augments civil responder communications systems. Additionally, maintains real time operational communications.

**Radios:**
- HF/UHF/VHF
- SATCOM
- INMARSAT

**Phones:**
- DSN/Commercial

**Data:**
- NIPRNET
- SIPRNET

**Video:**
- Collaborative Video Conferencing Tools

**Interoperability:**
- ACU-1000
Advanced Echelon (ADVON) Vehicle

• Rapidly establishes baseline communications (UNSECURE) at an incident site.

• Provides WMD-CST’s with the primary means of voice, data, and video communications support until the UCS arrives and is fully established.

• Backup means of communication for team.

Provides the CST Commanders with capabilities to:
• Assist incident command enroute to incident location.
• Coordinate with reach back resources on the move.
• Provide (UNSECURE) internet, phone, interoperable communications in minutes.
Analytical Laboratory System

- One Class III Containment Glove Box
- Improved GC/MS
- Fluorescent Microscope
- Fourier Transform Infrared Spectrometry
- Illuminator
- Immunoassay Tickets
- Polymerase Chain Reaction
- Electrochemiluminescence Detector M1M

**ISO 17025 Accredited**
Survey Section

- Conducts reconnaissance to determine the presence and extent of contamination.
- Collects and preserves incident-related samples for follow on analysis in the cold zone.
- Provide continual monitoring through the use of detection equipment.
- Personnel may be used to augment decontamination operations.

Provides the CST Commanders with capabilities to:
- **Assess** unknown hazards in a contaminated environment,
- Obtain hazard signature using a variety of CBRNE detection gear, and
- Collect samples for analysis in the ALS and reachback labs.
Medical Section

- Provides for the overall health care, medical treatment, and medical supplies for contingency situations for team members and an occupational health and safety program
- Updates the medical resource database
- Coordinates for local medical support from available treatment facilities and hospitals,
- Coordinates medical air evacuation, and prepares initial medical assessments.
Decontamination Section

- Conducts technical decontamination of all CST personnel and equipment exiting the hot zone
- Can provide limited Decon of personnel from other agencies as required
- Does not provide mass casualty Decon
- Can provide advice to the IC on proper Decon recommendations
- Manned by our Logistics and Admin personnel
CST Standard/Tailored Package

- (1) CST/Federal liaison
- (2) Model capabilities
- (3) Commo (non-secure)
- (4) Commo (secure)
- (5) Medical liaison
- (6) Analytical science
- (7) Training (DECON, Sample, etc.)
- (8) ICS augmentation
- (9) Response report
- (10) Perimeter Monitoring team
- (11) Site characterization
- (12) Sample extraction
CST Support Requirements
From County EM’s (Preferred)

- Mission request through EM Constellation
- Water source for DECON purposes
- Advanced Life Support (ALS) ambulance support
- Incident Commander contact information
CST Area Representatives

REGION 1:
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REGION 2
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REGION 7
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CST Points of Contact

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