A complex security environment

“The US faces a rapidly changing global security environment that is volatile, unstable, and increasingly threatening to US interests. It is time now for the Army to examine how to adapt to face future challenges within this dynamic environment.”

— Force 2025 and Beyond, October 2014
20th CBRNE Command Capabilities and Missions

The 20th CBRNE Command provides deployable and expeditionary CBRNE capability across the range of CBRNE operations and activities:

- Counter IED (CIED) Operations
- Render Safe and Disposal of all Explosive Ordnance (EO) and Improvised Explosive Devices (IED)
- Counter Weapons of Mass Destruction (CWMD) Operations
- CBRNE Reconnaissance and Surveillance Operations
- Decontamination of Personnel, Equipment, and Fixed Sites
- CBRNE and WMD Consequence Management Operations
- Field Laboratory Analysis of Suspected CBRNE Materials, Agents, and Toxins
20th CBRNE Command:  
Globally Responsive and regionally engaged


- **Interoperable** – the Army of 2025 must be interoperable by enabling joint, whole-of-government, and multinational land based operations.

- **Expeditionary** – Enhanced country access and theater presence is necessary to support the Army’s expeditionary capability. These deployments…promote interoperability and shorten response times in the event of a crisis.

- **Versatile** – the Army must inherently possess a mix of organic capabilities to address the full range of potential threats…which is increasingly important as hybrid threats will necessitate creative solutions.

Based on our unique mission, capabilities, and requirements, 20th CBRNE Command is actively engaged with our CBRNE partners across military, civilian, first responder, and international communities.

Anytime…anywhere!!
Raven’s Challenge 2016
Local, State, Joint, Interagency, multinational interoperability exercise

**Location:** Florida, Texas, New York, Washington

**Date:** April – June 2016 (1-week exercise at 4 separate locations)

**Description:**
- Raven’s Challenge is a national level, full scale, live fire C-IED interoperability exercise involving US local, state, federal bomb squads, and multinational bomb disposal technicians.
- The exercise is focused on contemporary IED problem sets that vary in complexity while fostering increased interoperability in a tactical domestic environment.
- The exercise fosters close working relationships between civilian and military technicians to enhance DOD’s ability to provide Defense Support of Civilian Authorities.

**20th CBRNE Elements:** EOD Battalion and Companies across the command footprint

Participants from 3d EOD BN and the UK Royal Police Bomb Squad conduct a robot recon

Participants from the ATF and Army conduct hook and line procedures
Location: Germany

Date: June 2016

Description: A multinational 11-day CBRNE readiness exercise hosted by the German 750th CBRN Battalion, including CBRN assets from the Danish, Dutch, German, and American armies, focused on improving CBRN interoperability between NATO allies.

The team was tasked to accomplish diverse problem sets outside the scope of traditional CRT operations:

- Assessment of an active chemical plant to inform future hazard predictions
- Response to a train derailment with suspected chemical agent
- Conduct of a combined area recon with a German recon team and American EOD assets for a suspected chemical mortar firing point
- Assessment of a building containing multiple IEDs and clandestine labs for HME, RDD, mustard, and biological research.
SHAMAL Storm
multinational exercise

**Location**: Jordan in support of United Kingdom EOD forces

**Date**: March–April 2016

**Description**: Shamal Storm is a British logistics war game in Jordan that aims to ensure the UK can deploy a 30,000-strong force of tanks and troops to a crisis zone anywhere in the world.

The purpose is to conduct joint interoperability training exercise with EOD forces from the United Kingdom.

The EOD Company trained on interoperability in the latest explosives ordnance disposal and search capabilities, all of which will enable the Army to be more agile in deterring threats to the NATO allies and its interests.

**20th CBRNE Elements**: An EOD Company from 192nd EOD Battalion

*Anytime...anywhere!!*
Precise Response
NATO Multinational Exercise

Location: Canada

Date: July 2016

Description: Precise Response is an multinational exercise at Canadian Forces Base Suffield, in Southeast Alberta, Canada. The exercise involves scenarios and facilities for trained CBRNE teams from 11 different nations to exercise in a live-agent environment.

A CBRNE Response Team (CRT) participated to conduct multi-national, military-to-military CBRNE training.

20th CBRNE Elements: A CBRNE Response Team from the 110th CBRN Battalion

Anytime...anywhere!!
Panama

Joint, Multinational, Interagency remediation operation

Location: San Jose Island (SJI), Panama (leased by the US in 1940–50s for use as a chemical munitions test site)

Date: January–March 2016

Description: Characterize and assess eight (8) chemical munitions for U.S. origin, condition, chemical content and fill on San Jose Island, Panama for possible destruction. The rounds are 70+ years old and are highly unstable.

This operation in support of SOUTHCOM required a whole of government approach and included Joint, Interagency and DoD partners from Department of State, Joint Program Manager for Elimination, Edgewood Chemical Biological Center, and Recovered Chemical Materiel Directorate.

20th CBRNE Elements: CARA’s Remediation Response Team, EOD Team, and 20th Medical team
Prominent Hunt 16.1
Joint, Interagency Certification Exercise

Location: Philadelphia, PA
Date: March 2016

Description: PROMINENT HUNT is bi-annual joint, interagency certification training exercise for the FBI-led National Technical Nuclear Forensics mission. This combined force comprises the ground collection task force (GCTF), working in a direct support role to the Department of Justice (FBI) in the Homeland or the Department of State for overseas missions. This particular exercise included local/state law enforcement and emergency responders.

The Nuclear Disablement Team (NDT) and CBRN Elements have the mission to collect radioactive material evidence in the immediate aftermath of a nuclear detonation.

20th CBRNE Elements: Nuclear Disablement Team and 51st CBRN Company
Ulchi Freedom Guardian
Combined, joint Exercise

**Location:** Republic of Korea (ROK)

**Date:** August 2016

**Description:** Ulchi Freedom Guardian is an annual combined and joint interoperability exercise focused on the Korean Theater of Operations.

The command integrates with ROK CBRNE counterparts, in support of United States Forces Korea and 8th U.S. Army.

UFG 16 is scheduled to be the re-certification of the 20th CBRNE Command Headquarters as a Joint Task Force – Elimination.

**20th CBRNE Elements:** 20th CBRNE Command Operational Command Post, 48th CBRN Brigade, and subordinate CBRN, EOD, NDT, and Lab elements
What we are learning

- **Capabilities**: We are learning about the capabilities of our Joint, Intergovernmental and Multinational partners
- **TTPs**: We are exchanging ideas on doctrine and tactics, techniques, and procedures (TTPs)
- **Materiel**: We are sharing ideas on materiel capabilities
- **Partnership**: We are practicing interoperability and building enduring relationships with our CBRNE partners across military, civilian, first responder, and international communities
- **Tailorable Forces**: We are practicing with scalable force packages that are tailored to meet the requirement

We are seeking partnership and training opportunities throughout the CBRNE enterprise to continue to enhance our collective capabilities.

Anytime...anywhere!!
Building Partnership Capacity
Thru Mil-to-Mil Engagements

Recent/Pending CIED and CWMD Engagements:

- Germany
  - United Kingdom
- Balkans
  - Czech Republic
  - Pakistan
  - Tajikistan
  - Uzbekistan
- Bahrain
  - Israel
  - Jordan
  - Kuwait
  - Saudi Arabia
- Australia
- Republic of Korea
- Japan
- Canada
- Colombia
- Mexico
- Panama
- Algeria
  - Chad
  - Congo
  - Malawi
  - Tunisia
  - Cameroon
  - Liberia

Anytime...anywhere!!
Dragon Fire 17
Leader Interoperability Planning

**Location:** Leader planning in Germany; exercise in Washington

**Date:** Jul 16 (leader planning); Dragon Fire exercise (in 2017)

**Description:** 48th CBRN Brigade, in conjunction with the German Bundeswehr of the CBRN Defence Command, conducted a Leader Interoperability Planning session in Sonthofen, Germany.

The primary focus was conducting analysis on how to configure a Combined Brigade and Battalion while conducting Multinational CBRN operations for DRAGON FIRE, a full-scale, multi-state exercise distributed over 6 locations.

The outcome was a common understanding of a recommended combined staff structure and discussion of follow on training events before execution.

**20th Elements:** Representatives from 48th CBRN Brigade, *Anytime...anywhere!!* subordinate CBRN Battalions and COs, 1st Area Medical
Focus Areas for Training/Exercises
• Counter Weapons of Mass Destruction (CWMD) Mock Targets at 6 Locations
  ✓ Chemical
  ✓ Biological
  ✓ Radiological
  ✓ Nuclear (Facility)
  ✓ Explosives

Training Highlights
• Deployment & JRSOI
• Combined operations
• Live fire ranges
• Radioactive isotopes

ARMY INSTALLATION
• Level III Medical Care
• Supply Support Activity
• Possible Aviation Support
• 48th Lead

NUCLEAR PLANT
• Battalion TF CWMD objective
• Nuc / Chem / Rad / Explosive
• 20th Lead

CHEMICAL DEPOT
• Battalion TF CWMD objective
• Chem / Rad / Nuc / Explosive
• Bunker complex
• 20th Lead

CHEM BIO TRAINING FACILITY
• STX lane
• Chem/Bio exploitation
• 48th Lead

RADIATION TRAINING FACILITY
• STX lane
• Live radiation – recon & decon
• 48th Lead

DRAGON FIRE 17 Exercise Concept

UNCLASSIFIED
CONCLUSION

- The 20th CBRNE Command has unique CBRNE capabilities that have been tested and proven in combat
- As the Army’s only formation with specialized CBRNE capabilities, the 20th CBRNE Command is focused on preparing to operate effectively across the spectrum of CBRNE threats and hazards
- The uncertainty of the rapidly changing strategic environment with a host of potential adversaries having increasing access to CBRNE capabilities and technology mandates an integrated, tailorable and scalable CBRNE capability within the 20th CBRNE Command

Ready, Reliable and Globally Responsive CBRNE forces capable of leading and executing CBRNE related operations and activities, anytime…anywhere.
Questions?

Contact 20th CBRNE Command (410) 436-0330

Anytime...anywhere!!