



# *Joint CBRN Experimentation and Analysis*

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# Mission

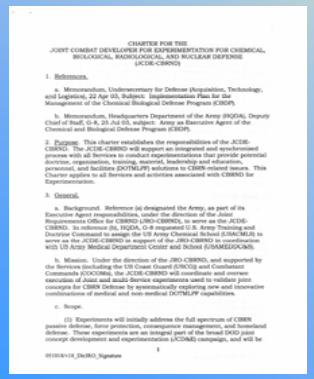
Coordinate and oversee execution of Joint and Multi-Service CBRN experiments used to validate the Joint Integrating Concept for CBRN Defense

# Authority

## Implementation Plan for the Management of the Joint Chemical Biological Defense Program

*dated* 22 April 2003

## Para 3.4.8 -Through the JRO, serve as the Joint Combat Developer for the CBDP


CHARTER FOR THE
JOINT COMBAT DEVELOPER FOR EXPERIMENTATION FOR CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR DEFENSE (JCDE-CBRND)

1. References.

a. Memorandum, Undersecretary for Defense (Acquisition, Technology, and Logistics), 22 Apr 03, Subject: Implementation Plan for the Management of the Chemical Biological Defense Program (CBDP).

b. Memorandum, Headquarters Department of the Army (HQDA), Deputy Chief of Staff, G-8, 25 Jul 03, subject: Army as Executive Agent of the Chemical and Biological Defense Program (CBDP).

2. Purpose. This charter establishes the responsibilities of the JCDE-CBRND. The JCDE-CBRND will support an integrated and synchronized process with all Services to conduct experimentations that provide potential doctrine, organization, training, material, leadership and education, personnel, and facilities (DOTMLPF) solutions to CBRN-related issues. This Charter applies to all Services and activities associated with CBRND for Experimentation.

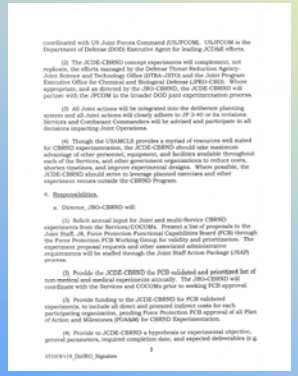
3. General.

a. Background. Reference (a) designated the Army, as part of its Executive Agent responsibilities, under the direction of the Joint Requirements Office for CBRND (JRO-CBRND), to serve as the JCDE-CBRND. In reference (b), HQDA, G-8 requested U.S. Army Training and Doctrine Command to assign the US Army Chemical School (USACMLS) to serve as the JCDE-CBRND in support of the JRO-CBRND in coordination with US Army Medical Department Center and School (USAMEDCOE&S).

b. Mission. Under the direction of the JRO-CBRND, and supported by the Services (including the US Coast Guard (USCG)) and Combatant Commands (COCOMs), the JCDE-CBRND will coordinate and oversee execution of Joint and multi-Service experiments used to validate joint concepts for CBRN Defense by systematically exploring new and innovative combinations of medical and non-medical DOTMLPF capabilities.

c. Scope.

(1) Experiments will initially address the full spectrum of CBRN passive defense, force protection, consequence management, and homeland defense. These experiments are an integral part of the broad DOD joint concept development and experimentation (JCD&E) campaign, and will be


coordinated with US Joint Forces Command (USJFCOM). USJFCOM is the Department of Defense (DOD) Executive Agent for leading JCD&E efforts.

(2) The JCDE-CBRND concept experiments will complement, not replicate, the efforts managed by the Defense Threat Reduction Agency-Joint Science and Technology Office (DTRA-JSTO) and the Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD). Where appropriate, and as directed by the JRO-CBRND, the JCDE-CBRND will partner with the JFCOM in the broader DOD joint experimentation process.

(3) All Joint actions will be integrated into the deliberate planning system and all Joint actions will closely adhere to JP 3-40 or its revisions. Services and Combatant Commanders will be advised and participate in all decisions impacting Joint Operations.

(4) Though the USAMCLS provides a myriad of resources well suited for CBRND experimentation, the JCDE-CBRND should take maximum advantage of other personnel, equipment, and facilities available throughout each of the Services, and other government organizations to reduce costs, shorten timelines, and improve experimental designs. Where possible, the JCDE-CBRND should strive to leverage planned exercises and other experiment venues outside the CBRND Program.

4. Responsibilities.

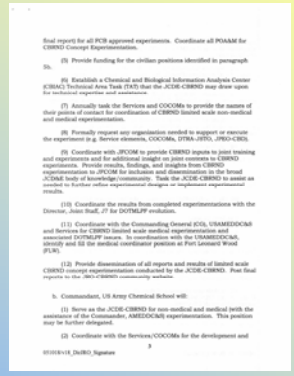
a. Director, JRO-CBRND will:

(1) Solicit annual input for Joint and multi-Service CBRND experiments from the Services/COCOMs. Present a list of proposals to the Joint Staff, J8, Force Protection Functional Capabilities Board (FCB) through the Force Protection FCB Working Group for validity and prioritization. The experiment proposal requests and other associated administrative requirements will be staffed through the Joint Staff Action Package (JSAP) process.

(2) Provide the JCDE-CBRND the FCB validated and prioritized list of non-medical and medical experiments annually. The JRO-CBRND will coordinate with the Services and COCOMs prior to seeking FCB approval.

(3) Provide funding to the JCDE-CBRND for FCB validated experiments, to include all direct and procured indirect costs for each participating organization, pending Force Protection FCB approval of all Plan of Action and Milestones (POA&M) for CBRND Experimentation.

(4) Provide to JCDE-CBRND a hypothesis or experimental objective, general parameters, required completion date, and expected deliverables (e.g.


final report) for all FCB approved experiments. Coordinate all POA&M for CBRND Concept Experimentation.

(5) Provide funding for the civilian positions identified in paragraph 5b.

(6) Establish a Chemical and Biological Information Analysis Center (CBIAC) Technical Area Task (TAT) that the JCDE-CBRND may draw upon for technical expertise and assistance.

(7) Annually task the Services and COCOMs to provide the names of their points of contact for coordination of CBRND limited scale non-medical and medical experimentation.

(8) Formally request any organization needed to support or execute the experiment (e.g. Service elements, COCOMs, DTRA-JSTO, JPEO-CBD).

(9) Coordinate with JFCOM to provide CBRND inputs to joint training and experiments and for additional insight on joint concepts to CBRND experiments. Provide results, findings, and insights from CBRND experimentation to JFCOM for inclusion and dissemination in the broad JCD&E body of knowledge/community. Task the JCDE-CBRND to assist as needed to further refine experimental designs or implement experimental results.

(10) Coordinate the results from completed experimentations with the Director, Joint Staff, J7 for DOTMLPF evolution.

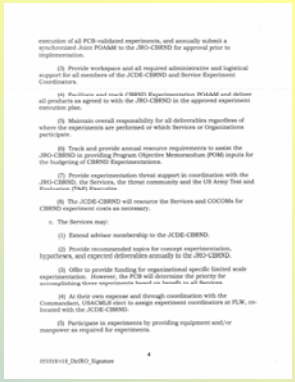
(11) Coordinate with the Commanding General (CG), USAMEDDC&S and Services for CBRND limited scale medical experimentation and associated DOTMLPF issues. In coordination with the USAMEDDC&S, identify and fill the medical coordinator position at Fort Leonard Wood (FLW).

(12) Provide dissemination of all reports and results of limited scale CBRND concept experimentation conducted by the JCDE-CBRND. Post final reports to the JRO-CBRND community website.

b. Commandant, US Army Chemical School will:

(1) Serve as the JCDE-CBRND for non-medical and medical (with the assistance of the Commander, AMEDDC&S) experimentation. This position may be further delegated.

(2) Coordinate with the Services/COCOMs for the development and


execution of all FCB-validated experiments, and annually submit a synchronized Joint POA&M to the JRO-CBRND for approval prior to implementation.

(3) Provide workspace and all required administrative and logistical support for all members of the JCDE-CBRND and Service Experiment Coordinators.

(4) Facilitate and track CBRND Experimentation POA&M and deliver all products as agreed to with the JRO-CBRND in the approved experiment execution plan.

(5) Maintain overall responsibility for all deliverables regardless of where the experiments are performed or which Services or Organizations participate.

(6) Track and provide annual resource requirements to assist the JRO-CBRND in providing Program Objective Memorandum (POM) inputs for the budgeting of CBRND Experimentations.

(7) Provide experimentation threat support in coordination with the JRO-CBRND, the Services, the threat community and the US Army Test and Evaluation (T&E) Executive.

(8) The JCDE-CBRND will resource the Services and COCOMs for CBRND experiment costs as necessary.

c. The Services may:

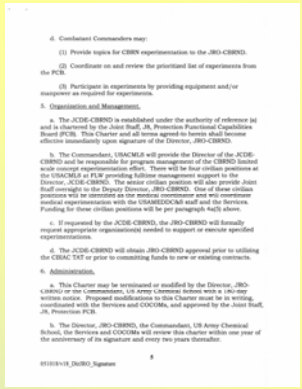
(1) Extend advisor membership to the JCDE-CBRND.

(2) Provide recommended topics for concept experimentation, hypotheses, and expected deliverables annually to the JRO-CBRND.

(3) Offer to provide funding for organizational specific limited scale experimentation. However, the FCB will determine the priority for accomplishing these experiments based on benefit to all Services.

(4) At their own expense and through coordination with the Commandant, USACMLS elect to assign experiment coordinators at FLW, co-located with the JCDE-CBRND.

(5) Participate in experiments by providing equipment and/or manpower as required for experiments.


d. Combatant Commanders may:

(1) Provide topics for CBRN experimentation to the JRO-CBRND.

(2) Coordinate on and review the prioritized list of experiments from the FCB.

(3) Participate in experiments by providing equipment and/or manpower as required for experiments.

5. Organization and Management.

a. The JCDE-CBRND is established under the authority of reference (a) and is chartered by the Joint Staff, J8, Protection Functional Capabilities Board (FCB). This Charter and all terms agreed-to herein shall become effective immediately upon signature of the Director, JRO-CBRND.

b. The Commandant, USACMLS will provide the Director of the JCDE-CBRND and be responsible for program management of the CBRND limited scale concept experimentation effort. There will be four civilian positions at the USACMLS at FLW providing fulltime management support to the Director, JCDE-CBRND. The senior civilian position will also provide Joint Staff oversight to the Deputy Director, JRO-CBRND. One of these civilian positions will be identified as the medical coordinator and will coordinate medical experimentation with the USAMEDDC&S staff and the Services. Funding for these civilian positions will be per paragraph 4a(5) above.

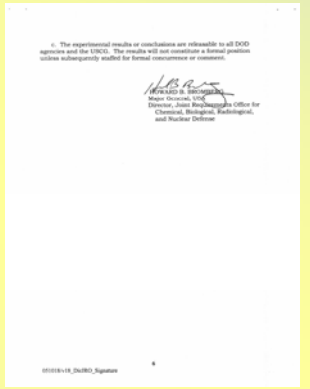
c. If requested by the JCDE-CBRND, the JRO-CBRND will formally request appropriate organization(s) needed to support or execute specified experimentations.

d. The JCDE-CBRND will obtain JRO-CBRND approval prior to utilizing the CBIAC TAT or prior to committing funds to new or existing contracts.

6. Administration.

a. This Charter may be terminated or modified by the Director, JRO-CBRND or the Commandant, US Army Chemical School with a 180-day written notice. Proposed modifications to this Charter must be in writing, coordinated with the Services and COCOMs, and approved by the Joint Staff, J8, Protection FCB.

b. The Director, JRO-CBRND, the Commandant, US Army Chemical School, the Services and COCOMs will review this charter within one year of the anniversary of its signature and every two years thereafter.


c. The experimental results or conclusions are releasable to all DOD agencies and the USCG. The results will not constitute a formal position unless subsequently staffed for formal concurrence or comment.

HOWARD B. BROOKINS
Major General, USA
Director, Joint Requirements Office for Chemical, Biological, Radiological, and Nuclear Defense


# *Process*

# CBDP Process

- Combatant Commanders
- Services

ATSD(NCB) Oversight

Joint Requirements Office (JRO)

Required Capabilities

Capability Needs

Prioritized Needs

*Test & Evaluation Executive*

Joint Combat Developer

Joint Science & Technology Office for CB Defense

Science &Tech Gaps

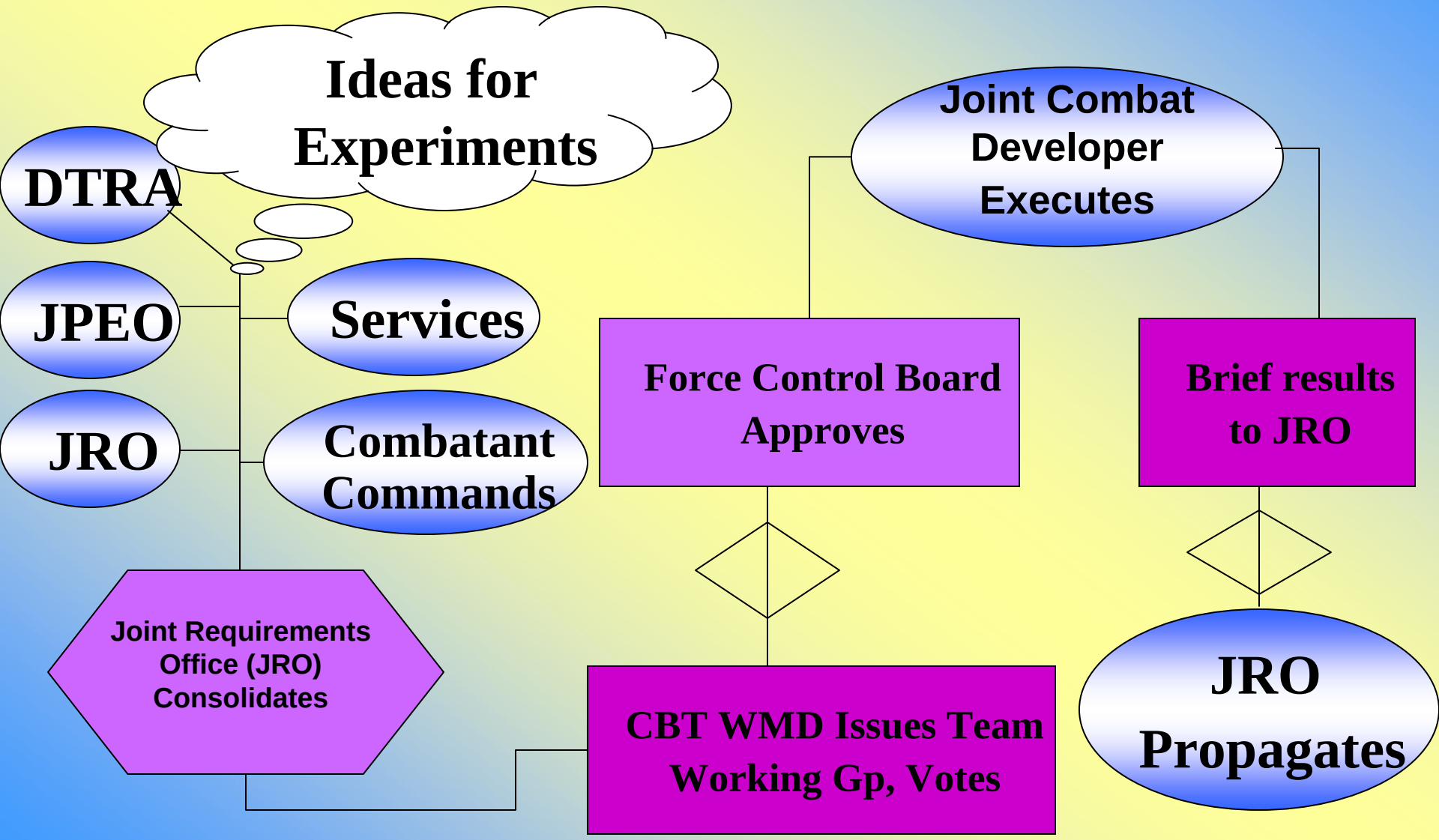
Joint Program Executive Office (JPEO)

Capabilities to the Warfighter for All Missions

Mature Technologies

**Process based on managing total program risk**

# Experimentation Process



# Joint CBRN Experimentation & Analysis

**Complete:**

1. **Sensitive Equipment Decon - validate Concept of Operations & Key Performance Parameters (JPEO, Final Rpt dtd 31 Oct 05)**
2. **Split MOPP – validate USAF Concept of Operations for Fixed Sites (JRO, Final Rpt dtd 9 Dec 05)**
3. **Aerial CBRN Sensing – develop & validate Concept of Operations (DTRA, Final Rpt dtd Jul 06)**
4. **Cold Weather Decon – Validate Cold Weather tactics, techniques and procedures for WMD-CSTs (HS, Final Rpt dtd June 07)**

# Joint CBRN Experimentation & Analysis

**Reports In Distribution (FY07):**

1. **WMD-CST LOE – Validate CST TDA (HS, Rpt dtd 1 Sep 07)**
2. **Joint CBRN Dismountable Recon System – validate organization & equipment for CPD (JPEO, Ground Phase Rpt dtd 28 Aug 07; Sea Phase Rpt dtd 29 Aug 07)**
3. **Joint Expeditionary Collective Protection – Develop/validate Ingress/Egress TTPs (JPEO, Rpt dtd 30 Jun 07)**
4. **CBRN Recon Experiment – TIC/PDE Load-Out Experiment (HS, Rpt dtd 31 May 07)**

# Joint CBRN Experimentation & Analysis

**In Progress (FY07/08):**

1. **Mortuary Affairs/Human Remains Decon System Rock Drill – Develop CONOPS (JPEO/JPM Decon, CASCOM Supported, Final Draft Report dtd Aug 07)**
2. **Air Crew Duration – validate TTPs and safety requirements (JRO/JPEO funding, TRANSCOM nominated)**
3. **Chemical Standoff CONOPS – discover utility/value of new CONOPS (JRO, USMC nominated)**
4. **Future Concepts for Chemical Biological Hazard Decontamination / Mitigation / Remediation 2013 and Beyond.– Concept of Operations/Requirements Needs**

# *Joint CBRN Experimentation & Analysis*

**FY07/08 New Experimental Starts:**

1. **Sensitive Site Exploitation & Analysis Linkage – develop & validate Concept of Operations**
2. **Automated/Robotic Decontamination – develop & validate Concept of Operations and Tactics, Techniques and Procedures**
3. **Unmanned Chemical Biological Vehicle CONOPS Experiment**
4. **CBRN Intelligence Fusion**

# Value Added of the Joint Experimentation and Analysis Division