



Unified Resolve 2014: A Proof of Concept for Radiological Support to Incident Commanders

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The Resource Problem



Every emergency support function in a nuclear response has a radiological nexus, requiring distribution of subject matter expertise

Specialized resources and expertise will be become critical immediately

Need additional personnel to staff all the incident management nodes with appropriate subject matter expertise

A pool of radiological subject matter experts should be cultivated to support the multitude of command and coordination nodes



Proposed Solution: Radiological Operations Support Specialist



Local Subject Matter Expert (SME)

- Gather, organize, and distribute situational awareness and resource information
- Explain and interpret radiological aspects of the situation
- Guide radiological aspects of planning during response and as part of disaster preparedness

Background

- Radiation professional
- Additional training on ICS, decision support tools, Federal response assets



ROSS Proof of Concept: Unified Resolve 2014



Type: Command Post Exercise

Sponsor: FEMA National Capital Region Homeland Security Grant Program

Host: National Capital Region Incident Management Team

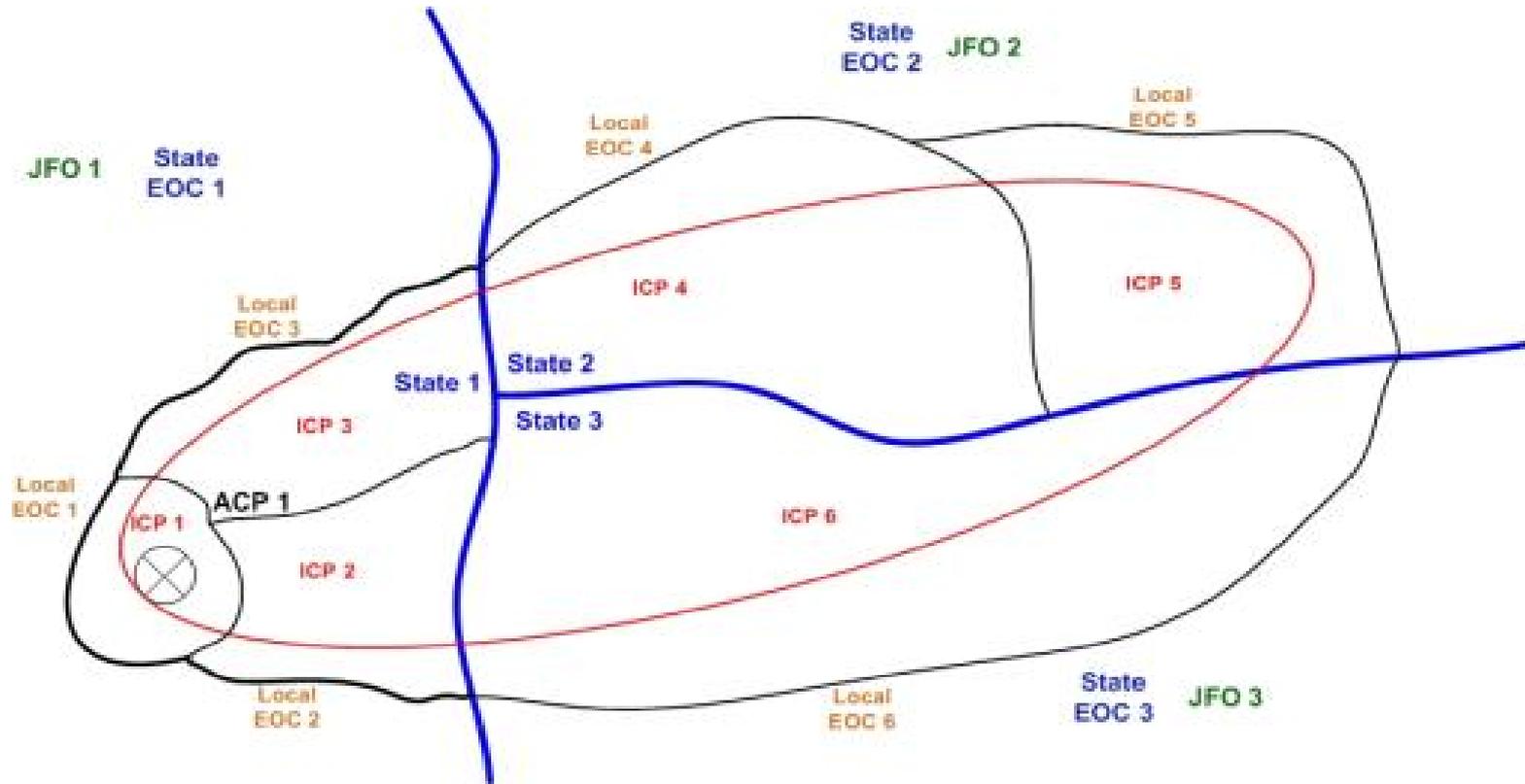
Scenario: 10 KT explosion has occurred in Washington, DC

Date: March 9-11, 2014

Objective: Provide scenario that challenges all aspects of incident management at local level



Multi-jurisdictional Response



Legend						
Plume	ICP Boundary	ACP Boundary	State Boundary	Incident Command Post	Area Command Post	Local Emergency Operations Center
						State Emergency Operations Center
						Joint Field Office

January 17, 2003

Radiological experts integrate into local, state and federal multi-agency coordination centers



Path Forward



Technical

- Consensus position description and job task analysis
- Develop training profile and any courses that do not exist
- Develop and improve decision support tools and data products

Organizational

- Use HHS Emergency System for Advance Registration of Volunteer Health Professionals (ESAR-VHP) to track personnel
- Federal technical reachback available

Implementation

- Federal: develop training and decision support tools
- State/local: recruit, train, and administer cadres of local experts

If we build the structure, the local networks will fill the need