

# *Domestic Nuclear Detection Office (DNDO)*

---

## **Mobile Detection Deployment Unit MDDU-6 Richland, Wa**

Jeff Berneski

DOE Region 8 Radiological Assistance Program (RAP)  
U.S. Department of Homeland Security  
MDDU-6 Point of Contact (POC)  
509.948-3921 Office/Cell  
[Jeffrey L Berneski@rl.gov](mailto:Jeffrey_L_Berneski@rl.gov)



**Homeland  
Security**



Homeland  
Security

Domestic Nuclear Detection Office

**MDDU**

*Mobile Detection Deployment Unit*



***“A radiological nuclear surge detection capability readily  
deployed to support GNDA partners”***

# *MDDU Deployment Support*

---

- **Training and Exercises:**

- DNDO-approved FSLT&T training and exercise activities with agencies.
- Specific DOE RAP training and exercise activities.
- Just-in-time training and deployment advice and assistance for equipment.

- **Planned Events:**

- High profile activities (political, festive or sporting events) which may warrant R/N detection operations.
- Pre-event venue surveys, coupled with physical security, choke point monitoring and secondary inspection for pedestrian and vehicle traffic.
- Expanded FSLT&T detection teams detection capability providing overall enhanced security posture.

- **Enhanced Steady State:**

- Encompasses multiple scenarios including response to heightened security events (NSSE and SEAR 1-5).
- Screening teams brought in to augment existing detection or protection efforts.
- Provides additional equipment and larger detection footprint for a geographical area.

- **Intelligence-Driven Surge and Search:**

- Response to a specified threat operations resulting from local or FBI threat assessments.
- Directed search activities and surveillance around high-value locations and/or high-threat targets.



# Program Summary

---

- 2 DOE First Responder Personnel deploy with the MDDU package.
- MDDU is a support capability
  - Lays in on top of existing RN security plan, existing capability and tactics and procedures
  - Tailgate training for operators
  - Team Leadership for Operations oversight provided
  - MDDU does not provide command and control



**Homeland  
Security**

# Coast Guard/Fish and Game/Law Enforcement

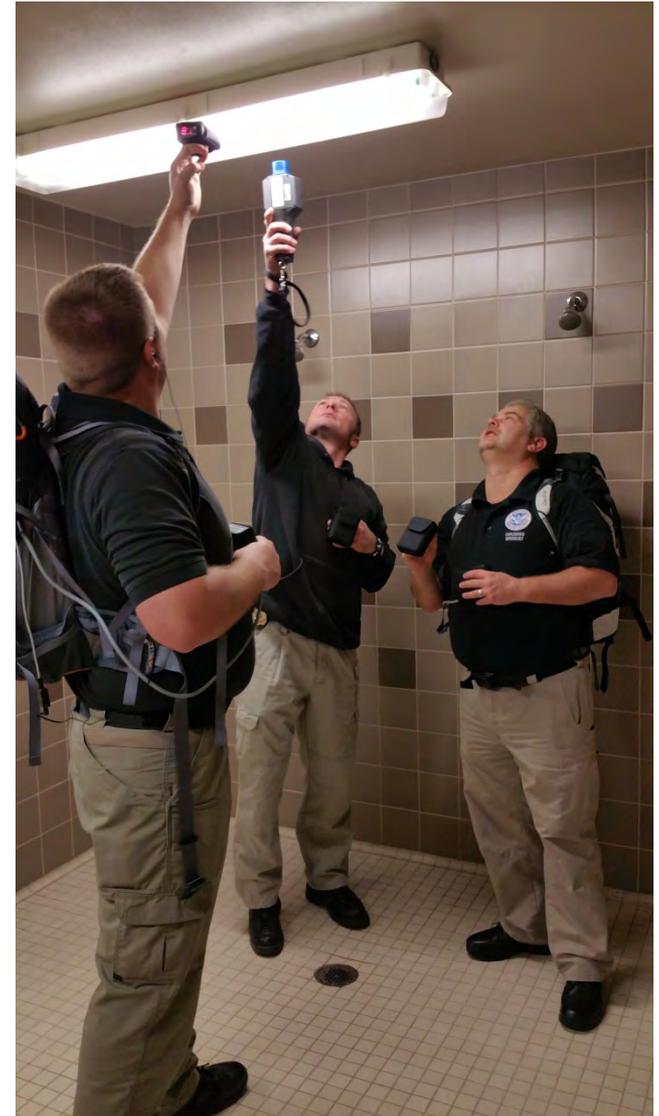


Homeland  
Security

# Training and Exercises



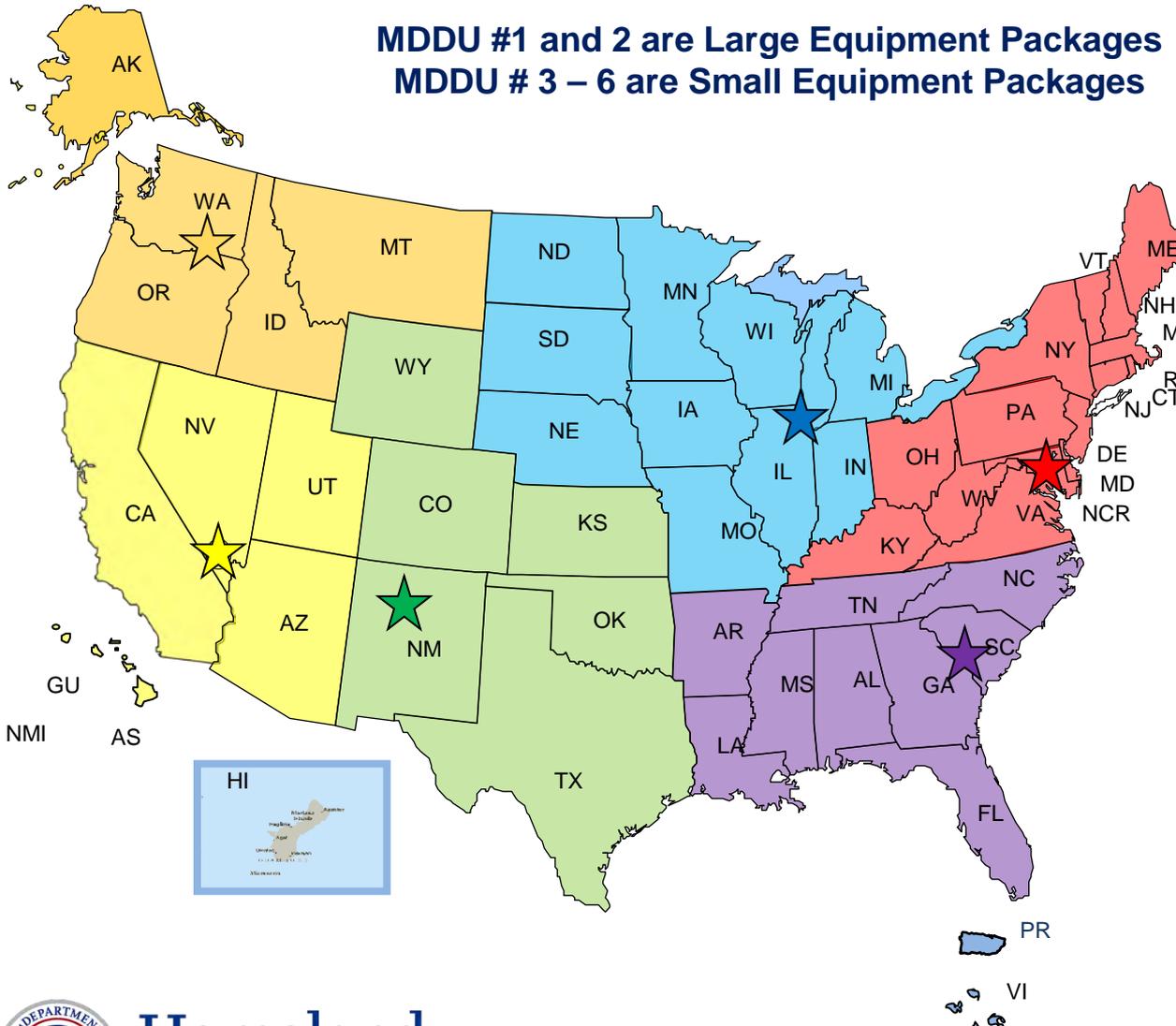
# *Training and Exercises*



**Homeland  
Security**

# Current MDDU Locations & AORs

**MDDU #1 and 2 are Large Equipment Packages**  
**MDDU # 3 – 6 are Small Equipment Packages**



- ★ **MDDU #1 RAP 0 / NRAT (RSL Andrews)**
    - VA, WV, PA, NY, DE, MD, DC, CT, RI, NH, VT, ME
  - ★ **MDDU #2 RAP 7 / NRAT-W (RSL Nellis)**
    - CA, UT, NV, AZ, HI, GU,
  - ★ **MDDU # 3 RAP 3 (Savanna River)**
    - AR, TN, NC, SC, GA, AL, MS, AR, LA, FL, PR, VI
  - ★ **MDDU #4 RAP 4 (Sandia National Lab)**
    - WY, CO, KS, NM, OK, TX
  - ★ **MDDU #5 RAP 5 (Argonne Nation Lab)**
    - ND, SD, NE, MN, IA, MO, WI, IL, KY, IN, MI, OH
  - ★ **MDDU #6 RAP 8 (Richland WA)**
    - WA, MT, ID, OR, AK
- NOTE:** MDDU AORs are not the same as RAP regions

# *Small MDDU Equipment Package*

---

## **Tow Vehicle and Trailer (Equipment for ~20 personnel)**

### **Mobile**

- RSI 700 Mobile system (3 each)

### **Backpack**

- Thermo FHT1377 Packeye (11 each)

### **PRD**

- Mini Rad-D (26 each)

### **ID PRD**

- Thermo Interceptor (11 each)

### **Handheld RIID**

- Thermo IdentiFinder-N (4 each)

### **HpGe RIID**

- Ortec Detective DX (2 each)

### **Handheld Radio**

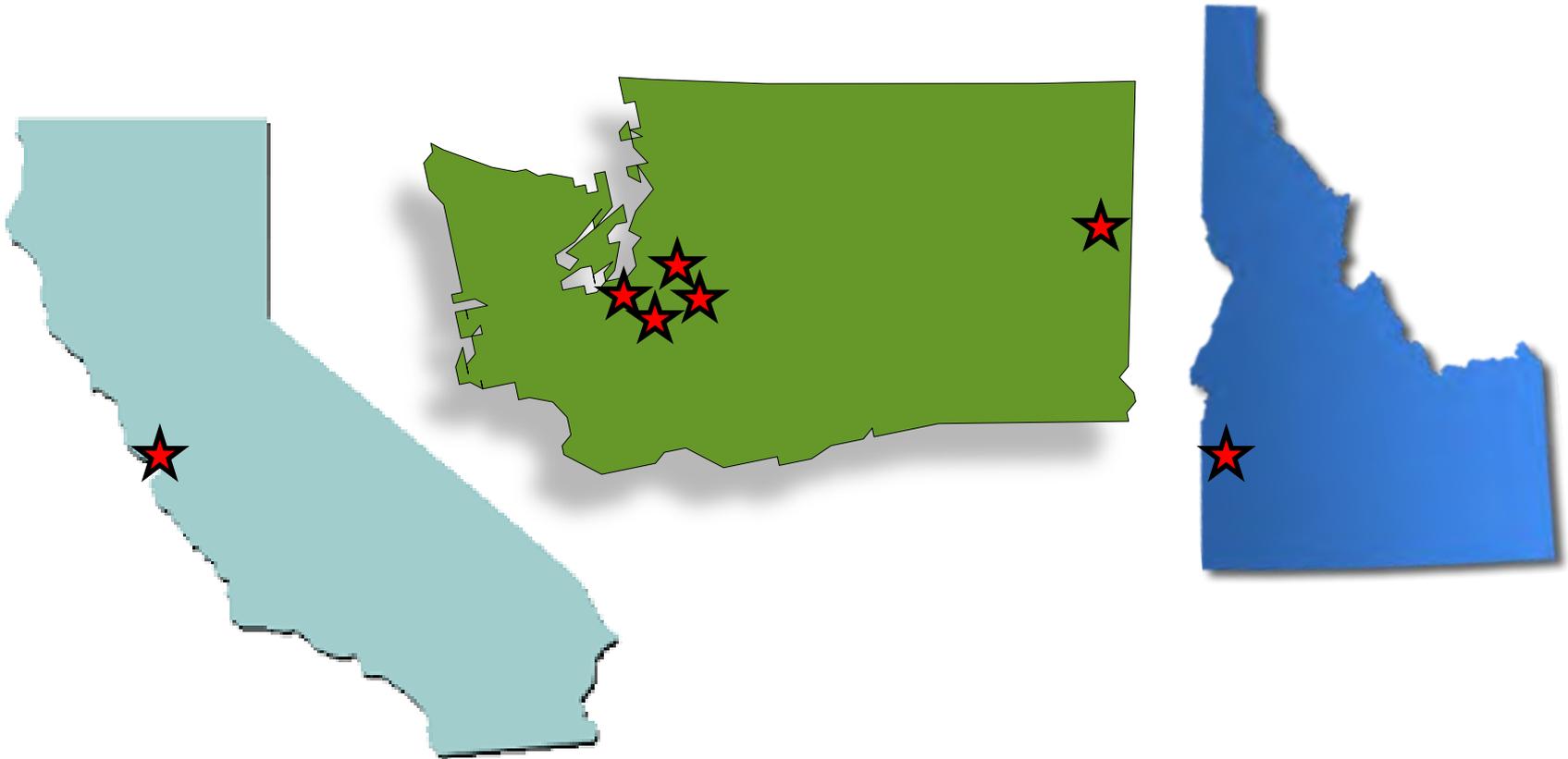
- Motorola XTS 5000 (12 each)



**Homeland  
Security**

# ★MDDU-6 *Deployments To Date*

---



- MDDU-6 has been deployed 5 times in Washington State and once in the states of California and Idaho since the start of the program.



# MDDU Requests

## Request Procedure:

### Deployment criteria:

- National Special Security Events (NSSE)
- Special Event Rating (SER) 1-4
- Intelligence Driven Missions

### To make a request complete the MDDU request form :

- DNDO\_MDDU\_Request@hq.dhs.gov

DNDO MDDU Request Form	
<b>To submit this form, complete all fields and click the buttons at the right. Alternately, save the file with the name "MDDU Request - [event name] - [today's date]", then email the form to DNDO_MDDU_Request@hq.dhs.gov.</b>	
<input type="button" value="Save Form"/> <input type="button" value="Submit Form"/>	
<b>NOTE: If the buttons aren't working, you must click on the "Options..." button in the Security Warning pane just under the toolbar above, then select "Enable this content" and click OK.</b>	
<b>Requestor Information</b> <span style="float: right;">Type Answer Below</span>	
First Name	<input type="text"/>
Last Name	<input type="text"/>
Organization	<input type="text"/>
Address	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
Zip	<input type="text"/>
Phone	<input type="text"/>
Email	<input type="text"/>
<b>Qualification Questions</b> <span style="float: right;">Select Answer Below</span>	
1. Select the RAP Region in which the event will be held:	<input type="text"/>
2. Is the Regional RAP team scheduled to support this event?	<input type="text"/>
3. Does your organization have a PRND Program (policies, CONOPS, etc.)?	<input type="text"/>
4. Is this request intelligence driven?	<input type="text"/>
5. Has event been classified as a National Special Security Event (NSSE)?	<input type="text"/>
6. What is the Special Event Activity Rating (SEAR) for this event?	<input type="text"/>
<b>Event Information</b> <span style="float: right;">Type Answer Below</span>	
Event Name	<input type="text" value="My Event"/>
Event Description	<input type="text"/>
Event Start Date	<input type="text"/>
Event End Date	<input type="text"/>
Event Address	<input type="text"/>
Event City	<input type="text"/>
Event State	<input type="text"/>
Event Zip	<input type="text"/>
Number of Attendees	<input type="text"/>
Event Point of Contact (POC)	<input type="text"/>
POC Phone Number	<input type="text"/>
POC Email	<input type="text"/>
Support Requested (Use "Alt-Enter" for new line)	<input type="text"/>
Additional information (Use "Alt-Enter" for new line)	<input type="text"/>
<b>To submit this form, complete all fields and click the buttons at the right. Alternately, save the file with the name "MDDU Request - [event name] - [today's date]", then email the form to DNDO_MDDU_Request@hq.dhs.gov.</b>	
<input type="button" value="Save Form"/> <input type="button" value="Submit Form"/>	
<b>NOTE: If the buttons aren't working, you must click on the "Options..." button in the Security Warning pane just under the toolbar above, then select "Enable this content" and click OK.</b>	



Homeland  
Security

# Questions



Homeland  
Security

**FOR OFFICIAL USE ONLY**

# *Domestic Nuclear Detection Office (DNDO)*

## **Mobile Detection Deployment Unit MDDU-6 Richland, Wa**

Jeff Berneski

DOE Region 8 Radiological Assistance Program (RAP)  
U.S. Department of Homeland Security  
MDDU-6 Point of Contact (POC)  
509.948-3921 Office/Cell  
[Jeffrey L Berneski@rl.gov](mailto:Jeffrey_L_Berneski@rl.gov)

