



This Briefing is Classified
UNCLASSIFIED/FOUO



Let's Talk

A pragmatic approach to interoperability

RDML Jan Hamby
Director Command and Control Systems
NORAD & USNORTHCOM



NORAD/USNORTHCOM

Information Sharing Challenges



DoD's #1 Priority

Public Safety and Emergency Preparedness Canada

- Extraordinary
- Circumstances

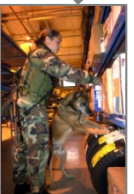
Homeland Defense

- Emergency
- Circumstances

Defense Support of Civil Authorities



• Execute OPLANS



•Special Events



•Support to
•Counter Narcotics



•Domestic
•Disaster Relief



•Domestic
•Civil Support



•CBRNE
•Incident Mgmt



•NRF: Tiered Response Federal to DOD

•STATE RESPONSE

•REQUEST FOR



•FEDERAL RESPONSE



•PRESIDENT

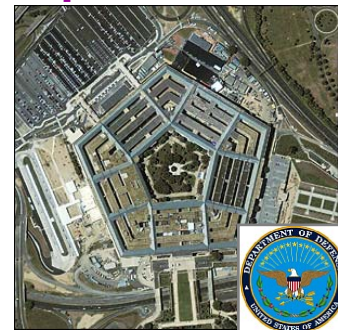


•DHS

•PRIMARY
•AGENCY



•Dept of Defense



•REQUEST FOR
•ASSISTANCE

•ASSISTANCE



•STATE
OPS
CENTER



•JOINT
•FIELD
OFFICE



•DEFENSE
COORDINATING
OFFICER

•USNORTHCOM

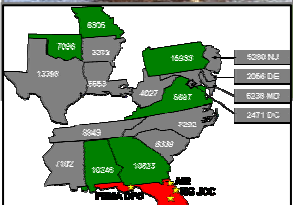


•SUPPORT
AS DIRECTED

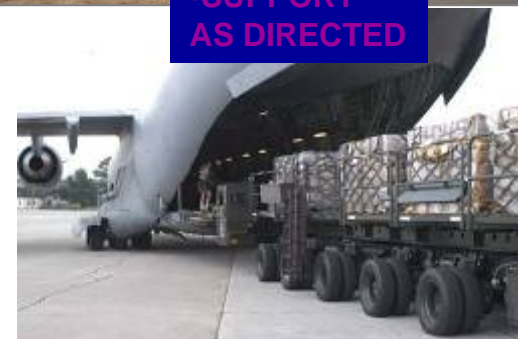
•STATE
GOVERNOR

•STATE
•ACTIVE
•DUTY

•LOCAL FIRST-
•RESPONDERS



•National
Guard



•U.S. Army North DCOs

•RGN VIII
•COL Mike Resty
• P.O. Box 25225

•Denver Federal Center
Denver, CO 80225-0267
(210) 247-8858
•Michael-resty@us.army.mil



•RGN VII
•COL Barry Fowler
•Bannister Fed Complex
•1500 E. Banister Road
Kansas City, MO 64131
(210) 483-3487

•Barry.fowler@us.army.mil



•RGN V
•COL Mike Chesney
•536 South Clark Street,
•6th Floor
Chicago, IL 60605
•(210) 475-2228

•Michael-chesney@us.army.mil



•RGN I
•COL Frank Kosich
•99 High St. (5th Floor)
•Boston MA 02110
•(210) 475-2249

•francis.kosich@us.army.mil



RGN II

•COL Robert Freehill
• US Army, MS #92,
•Meyer Center Bldg #2700
•Ft Monmouth, NJ 07703
•& Suite 1307
•26 Federal Plaza
•NY, NY 10278
• (210) 475-2240

•Robert.Freehill@us.army.mil



•RGN X
•COL Gary Stanley
•18939 120th Ave NE
•Suite 101
Bothell, WA 98101
(210) 247-8968
•Gary.stanley@us.army.mil



•RGN IX
•COL Mark Armstrong
•Bldg 370, 10th St.
Camp Parks, CA 94568
(210) 483-3496
•Mark.armstrong@us.army.mil



• RGN VI
•COL Lavern "Bullet" Young
•Federal Regional Center
800 N. Loop 288
Denton, TX 76209
(210) 247-8870
•Lavern-young@us.army.mil



•RGN IV
•COL Bob Mayr
•3003 Chamblee -Tucker Rd
Atlanta, GA 30341
(210) 872-8010
•Robert-mayr@us.army.mil



•RGN III
•COL Jim Mathis
•One Independent Mall
•615 Chestnut Street
Philadelphia, PA 19106
(210) 247-8961
•James.mathis@us.army.mil





Our Perspective

- **DoD is not the Lead Federal Agency**
 - Provide support only as directed
- **Potential missions cover an extremely broad range of activities – anywhere in North America**
- **Communication interoperability still a nebulous concept**
 - Strategic, Operational or Tactical?
 - Voice, Data, Radio or all of the Above?
 - Unclassified, Classified, .www, .com?
 - Terminology and language

Maintain situational awareness of DHS and Industry trends to enable maximum flexibility in the operations area



J6 Approach

Enhance interoperability and communications by...

- **Reducing the impact of organizational culture, technology and governance as obstacles to information sharing (**Process**)**
 - **Sharing architectural concepts and ideas to cooperatively extend a common communications infrastructure (**Interoperability**)**
 - **Improving collaborative information exchange through shared processes and procedures irrespective of organization, agency or department (**Information Sharing**)**
- ... Partnering with our mission teammates for successful execution of Homeland Security and Homeland Defense missions**

Through the sponsorship of events where teammates can work together unfettered by – organizational or cultural barriers



DoD Interoperable Communications Exercise (DICE)

- **Forum where DoD systems are “Certified” interoperable**
 - DoD → DoD systems
 - DoD → State – Federal – 1st Responder
 - Can’t claim interoperability – must be proven and signed off by the Joint Interoperability and Test Command
- **2009 event continues to grow**
 - One venue in 2006 and 2007 w/ limited participation
 - Two venues in 2008 w/ participation from over 50 DoD, Federal, State, & Local organizations
 - Three venues in 2009

A realistic, controlled environment for teammates to test, train, and collaborate to facilitate effective and efficient operations



Coalition Warfighter Interoperability Exercise (CWID)

- **An event to assess promising communications systems and solutions**
 - **USNORTHCOM is the lead for Homeland Security and Defense**
- **NORAD and USNORTHCOM use the CWID venue to...**
 - **Demonstrate and assess new technology for enhancing interoperability and information sharing among mission teammates**
 - **Develop/refine military vs. non-military relationships**
- **Numerous Federal/State/ and Local Agencies participating**
 - **DHS, DoD, National Guard Bureau, US Coast Guard, etc...**
 - **Indiana State EOC, Port Authority of New York & New Jersey**
- **48 Trials and Technologies participating this year**

- Nuclear Threat
- USCG Boarding

POTUS Visits

- Wellington NZ IEDD
- Auckland NZ Counter Terrorist Incident

- VOI Missing Ship
- Missile Threat



Closing Thoughts

- **NORTHCOM is ready to respond as a mission partner**
 - As directed by the President and SECDEF
- **Maintaining SA awareness of DHS and commercial trends to maintain maximum flexibility**
- **Sharing concepts and ideas to foster a cooperative environment and enable interoperability**
- **Sponsoring events where the free exchange of information and technical concepts will break down cultural barriers**
 - **Everyone is invited to participate**

During a crisis...

Is not the time to exchange business cards.