



## The National Guard and Homeland Security

Brigadier General Michael McDaniel

March 24, 2009



### Executive Order 2003-6



- Created position of Homeland Security Advisor to the Governor
- Created position of Assistant Adjutant General for Homeland Security in the Michigan National Guard
- Appointed February 5, 2003

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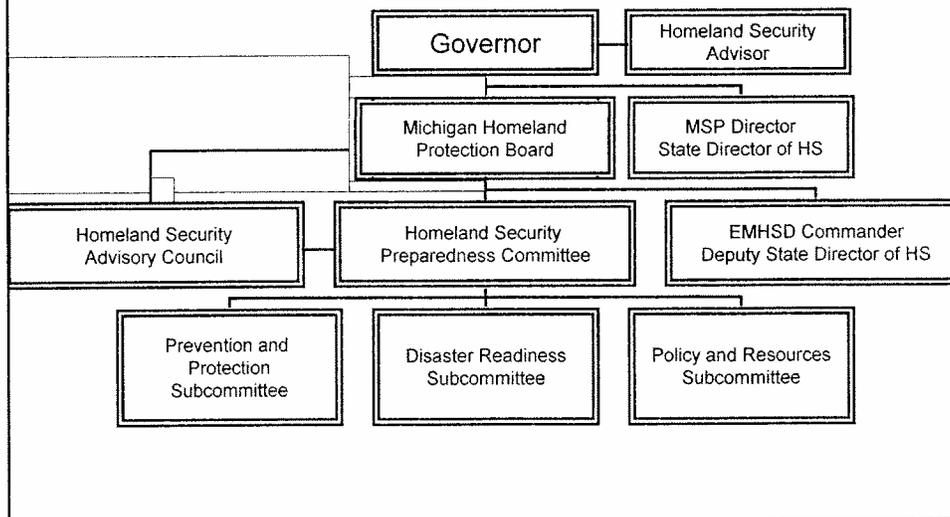


## Executive Order Directives

- **Act as Governor's liaison with all state, provincial, local, tribal, and federal agencies, and private entities to develop and coordinate the implementation of a comprehensive state strategy to secure the State of Michigan from terrorist threats or attacks.**
- **Tasked to work cooperatively with the Michigan State Police and other state and local agencies to achieve state homeland security objectives.**

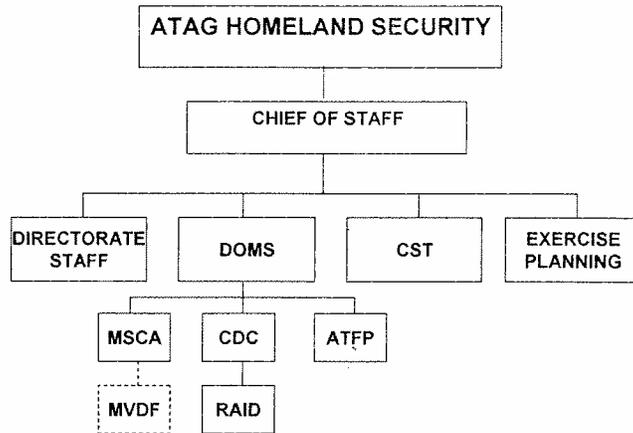
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## State Organizational Structure





# National Guard Structure



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# RAID Team





## 51<sup>st</sup> Civil Support Team (CST)



## Current Projects

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# GAPVAX

- Haz-mat vacuum truck (HMVT)
  - Research & development of a mobile hazardous material vacuum unit
  - Rapid deployment for removing hazardous materials
  - High pressure water system that provides hydro-excavation
  - Vacuum system to remove contaminated materials when conventional means can not be used
- Urban search and rescue
  - Capable of cutting through concrete with water gun
  - Vacuum is powerful enough to suck up softball sized chunks of debris.
- Equipment is in production
  - Delivery due Mid 09
  - Two units: Oakland County & MI National Guard



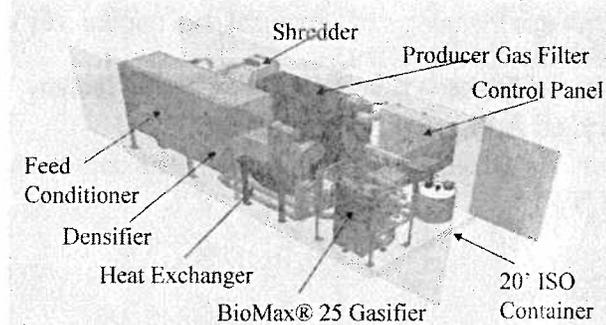
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# NEXT ENERGY

## MOBILE ENCAMPMENT WASTE ELECTRICAL POWER SYSTEM

- Mobile gasifier that burns military encampment waste to produce a virtually tar-free gas that can be used to power a combustion engine generator set.
- Stand Alone system
- Benefits
  - Reduced fuel consumption
  - Increased force protection
  - Increased sustainability in the event of a natural or manmade disaster
- In production and scheduled for testing at Camp Grayling, MI in May 2009.



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## Mobile Computing Applications Platform (MCAP)



- Address and support all joint Army Non-combat and DHS needs, e.g. National Guard, First Responders, Logistics, GWOT Info Access
- Vision: Provide a highly sustainable, highly mobile, vehicle based, low cost, *Distributed Computing and Communications Environment*
- Build on and link together commercial products to dramatically reduce development, acquisition & sustainment costs
- Provide enhanced interoperability between legacy systems of different agencies
- Support NAC/TARDEC initiatives in Condition Based Maintenance, Robotics, and Intelligent Vehicles

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## Certificate in Homeland Defense and Security



- Collaborative effort with MI DMVA, Michigan State University, and the Naval Post Graduate School
- Courses:
  - Foundations of Homeland Defense and Security
  - Multi-disciplinary Approaches to Homeland Defense and Security
  - Strategic Planning and Organizational Imperatives in Homeland Defense and Security
  - Special Topics in Homeland Defense and Security
- Intended Audience:
  - National Guard members and local, state, and federal employees

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## Critical Infrastructure Assessments

- Joint SAV teams
  - MSP/MIANG Team Site Assistance Visit Teams
  - ACAMS and HSIN trained
  - Part of CI/KR Threat integration and Coordination Module at the state fusion center
- Determine interdependencies

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## Great Lakes All Hazards Coalition

- Funded through FY08 HSGP funding, and upon approval, FY09 funding
- FY08 Participating States
  - MI, NY, OH, WI
- FY09 Applicants
  - IN, IL, MI, NY, OH, WI
- Develop a Great Lakes regional coalition for critical infrastructure (CI) that will address the protection, resilience, redundancy & interdependencies of CI between sectors across state & international borders.

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## Cross-border Critical Infrastructure Project

- Project Goals
  - Improve awareness and knowledge concerning cross-border critical infrastructure
  - Improve CI cross-border planning for a catastrophic incident
  - Improve CI response and coordination of a catastrophic incident involving cross-border critical infrastructure
  - Establish a performance model for other regions along the U.S.-Canada border

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## Cross-border CI Project cont.

- Project Timeframe (July-December 2008)
- Conducted a Cross-Border Table Top Exercise in October in Detroit
- Cabinet level briefing/workshop
- Next Steps



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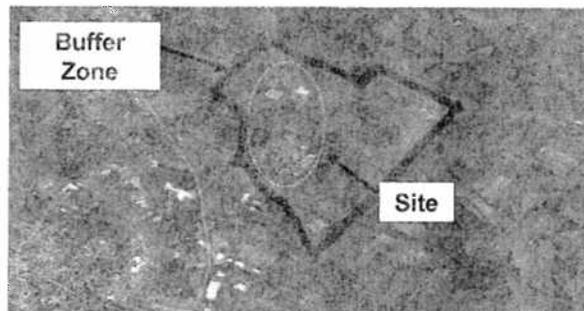
## Planning and Exercise

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### Homeland Security Planning

- Efforts to join together the private sector, State and local joint planning.
- Emphasis's on resiliency.
- Keyed on prevention and detection.
- ✓ Assessment teams
- ✓ Buffer zone planning
- ✓ Site visitation
- ✓ Site evaluation



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## Planning and Exercising

Using current world wide threat based scenarios, Homeland Security exercises are developed.

- **Vigilant State**  
12 May 2005
- **Ardent Sentry**  
8-14 May 2006
- **Operation Safeguard "Best Practice"**  
21-23 Aug 2007
- **Capital Area Response (CAR)**  
Sept. 2008
- **Regional Response (RR08)**  
Sept. 2008
- **Cross Border CI Exercise**  
Oct. 2008  
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## Capital Area Response (CAR) '08 Participants

- Lansing City Police
- Emergent Biosolutions
- Michigan State Police
- Capital City Airport Police
- Sheriff: Clinton, Eaton, Ingham
- Lansing Township Police
- East Lansing Police
- MSU Police
- DeWitt Township Police
- FBI
- Michigan National Guard
- Fire and Emergency Mgmt from: Lansing, Delta, Dewitt, East Lansing, Meridian
- State Laboratory
- OPHP
- FEMA
- Civil Air Patrol
- MIOC
- DHS

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## Regional Response Exercise (RR08)

- Southeast Michigan UASI
- Tested capabilities for:
  - Incorporating multiple CBRNE related threats/events
  - Regional mutual aid response
  - Rapid Response Tam Network (RRTN)
  - On-site Incident Management Teams
  - Regional school lock-down and shelter in place drills



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## Grant Allocations

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## FY08 Grant Allocations

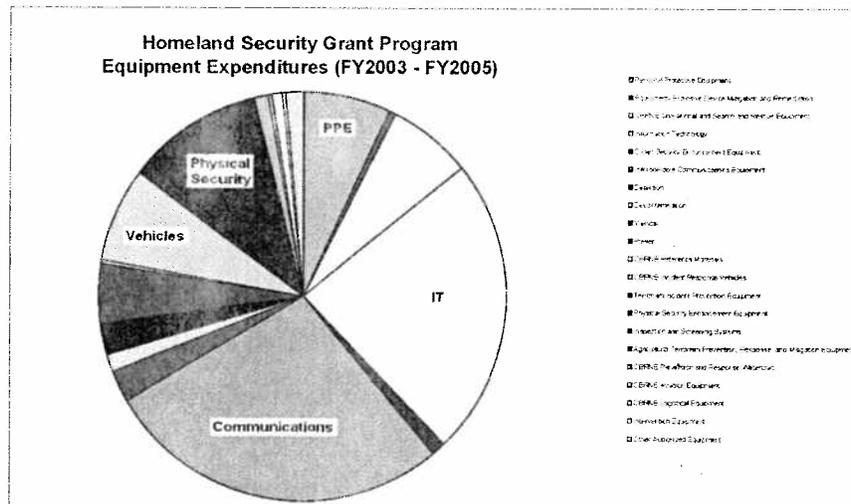
- Announced on July 25, 2008
- Michigan's Allocations
  - SHSP: \$21,430,000
  - UASI: \$14,191,000
  - MMRS: \$963,663
  - CCP: \$399,492
  - NSGP: \$74,647
  - Stonegarden: \$6,220,000
- Total grants to MI: \$43,278,802

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Historical Grant Allocations										
Grant	FY 2006 received	FY06 Amount Available	% of TOTAL in FY 06	FY 2007 received	FY07 Amount Available	% of TOTAL in FY 07	FY 2008 received	FY 08 amount available	% TOTAL in FY 08	Average over 3 years
SHSP	\$15,650,000	\$528,165,000	3.0%	\$13,670,000	\$509,250,000	2.7%	\$21,430,000	\$861,280,000	2.5%	\$16,916,667
LETP	\$11,390,000	\$384,120,000	3.0%	\$9,760,000	\$363,750,000	2.7%				N/A
UASI	\$18,630,000	\$710,622,000	2.6%	\$14,630,000	\$746,900,000	2.0%	\$14,191,000	\$781,630,000	1.8%	\$15,817,000
MMRS	\$696,990	\$28,808,920	2.4%	\$774,435	\$32,010,000	2.4%	\$963,663	\$39,831,404	2.4%	\$811,696
CCP	\$531,886	\$19,206,000	2.8%	\$402,944	\$14,550,000	2.8%	\$399,492	\$14,572,500	2.7%	\$444,774
NSGP				\$533,538	\$24,000,000	2.2%	\$74,647	\$15,000,000	0.5%	N/A
Stone							\$6,220,000	\$60,000,000	10.4%	N/A
TOTAL	\$46,898,876	\$1,670,921,920	2.8%	\$39,770,917	1,690,460,000	2.4%	\$43,278,802	\$1,772,313,904	2.4%	N/A



## Homeland Security Grant Program (HSGP) Equipment Expenditures 03-05



## The American Recovery and Reinvestment Act of 2009

- U.S. Customs and Border Protection
  - Construction
- U.S. Coast Guard
  - Acquisition, Construction, and Improvements
  - Alteration of Bridges
- Federal Emergency Management Agency
  - Port and Transit Security Grants
  - Firefighter Assistance Grants

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## Investing in Public Safety

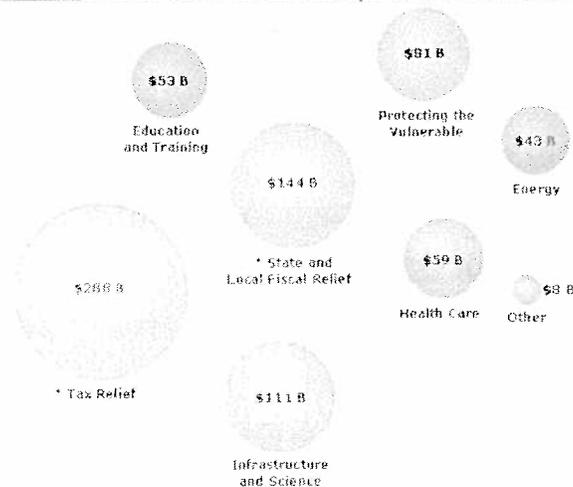
- Michigan law enforcement agencies are eligible for \$67 million to fight crime
  - Calhoun County: \$39,774
  - Battle Creek: \$395,892
  - Albion: \$41,452
- Fort Custer Michigan National Guard Training Center in Augusta: \$2.25 million for water, sewer & electrical upgrades

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<http://michigan.gov/recovery>

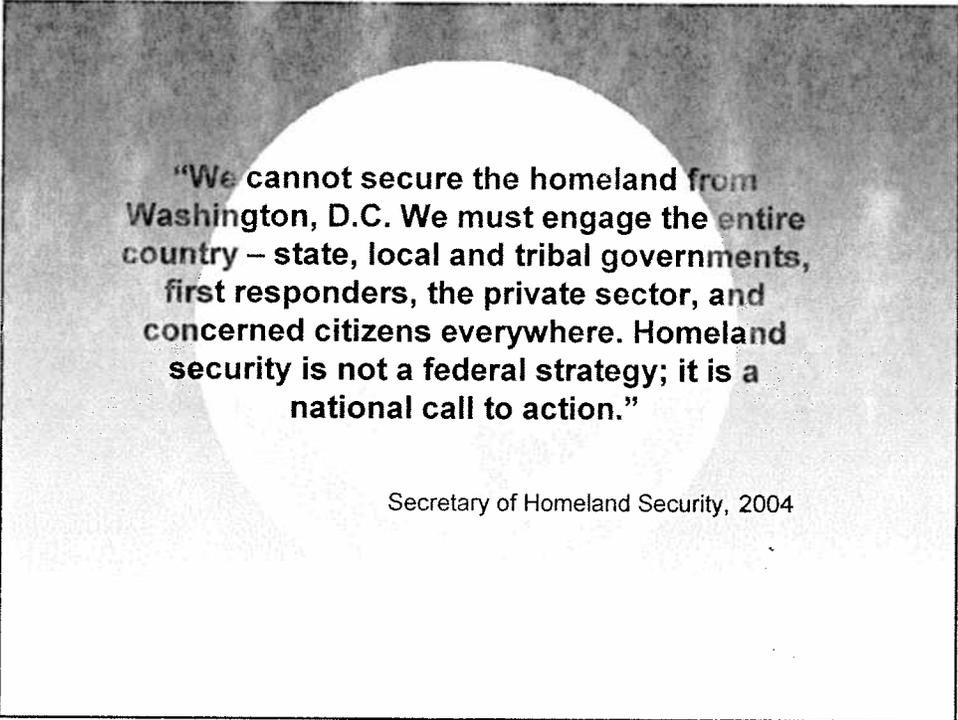


## Recovery Spending



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<http://michigan.gov/recovery>



**“We cannot secure the homeland from Washington, D.C. We must engage the entire country – state, local and tribal governments, first responders, the private sector, and concerned citizens everywhere. Homeland security is not a federal strategy; it is a national call to action.”**

Secretary of Homeland Security, 2004

