



*United States Department of*  
**Health & Human Services**  
Office of the Secretary for Preparedness and Response (ASPR)

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# **Q Annum: An Annual Update on Changes to ESF# 8 and Federal Response**



## Q Annum - Outline

- Review Last Years Predictions
- “Year in Review”
- Federal Updates
  - National Health Security Strategy
  - NIMS
  - Operations – Leaning Forward
  - New Administration -



## Q Annum – Outline (Cont)

- ASPR Updates
  - Operations Updates
    - ❖ OCONUS Operations
    - ❖ Response Operations Updates
    - ❖ NDMS Updates
    - ❖ OFRD Updates
  - Planning Updates
  - Log Updates
  - A&F Updates



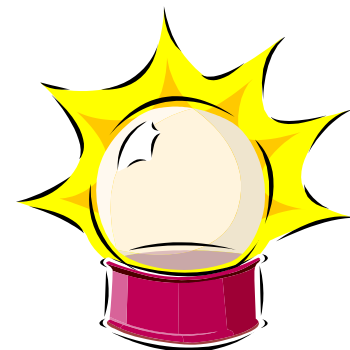
## Q Annum – Outline (Cont)

- ASPR Updates (Cont)
  - IRCT Updates
  - FMS Updates
  - Fatality Management
  - Fusion Cell
  - Critical Infrastructure
- FEMA Ambulance Contract
- HSPD 21
- Crystal Ball – What's ahead?



## Crystal Ball – What's ahead?

- HHS:
  - Event Planning Conferences – with State/Local
  - More Exercises (Atlantic Wrath April 14-16)
  - Fusion Cell – Info, Analysis, Decision Support
    - ❖ More analytical and predictive products being pushed out to ESF8 personnel and partners
    - ❖ Refining data collection needs - relevant to public health & medical response
  - Classified Capability
    - ❖ OSSI Intel Updates





## Crystal Ball – What's ahead?

- HHS:
  - Critical infrastructure – both in focus and products
  - IRCT position tasks book training
  - Security for deployed teams from OIG
  - International readiness / deployments
  - Information systems – Improved Portal and WebEOC
  - Analytical studies/ tools – AHRQ:
    - ❖ At Risk Populations – second wave of patients.
    - ❖ Shelter vs. Evac Assessment Tool.



## Last Year's – Crystal Ball Topics

- Federal:
  - Think Global. Overseas deployment?
    - ❖ **Status: Be careful what you ask for . . .**
    - ❖ **More may be coming**
  - New Administration – Direction?
    - ❖ **Status: Some changes already. More to follow**
  - New FEMA Director – Craig Fugate, Former Florida Emergency Manager
    - ❖ **Status: Different tenor to operations**
  - FEMA in relation to DHS - roles and relationships
    - ❖ **Status: FEMA increasing interagency planning activities**
  - HSC and NSC combination? Involvement in Operations?
    - ❖ **Status: HSPD 8 is being rewritten. Expect less differentiation.**
  - IPS: Planning Scenario's
    - ❖ **Status: IPS went 'on hold' temporarily. HSPD 8 being re-written**
  - ICS and IPS Balance? DoD Planning vs. ICS Planning
    - ❖ **Status: IPS Planning seems to becoming more prevalent – DoD (US NORTHCOM) working with States and locals on planning efforts.**
  - NIMS Implementation - NIMS for Healthcare
    - ❖ **Status: IPS Planning seems to be winning.**
  - Economy Impacts on local preparedness?
    - ❖ **Status: Yes, and budget woes continue to impact**
  - Future of ESF's and amending the Stafford Act? - **next few years**





## Crystal Ball Check (Cont)

- HHS:
  - Outcomes of Work Groups
    - ❖ **Status: Implemented many changes, possible continuation into new areas**
  - More ICS – more people are trained.
    - ❖ **Status: Yes. More ICS training conducted. ICS is permeating the way we do business**
  - HHS NIMS Policy
    - ❖ **Status: Not published yet**
  - Patient Movement – Collaboration with DoD
    - ❖ **Status: Significant progress and actions**
  - More focus on readiness. Better definitions
    - ❖ **Status: Weekly Readiness Briefs – with focused areas. Continued improvements – still more to follow**
    - ❖ **Regional Gap analysis**
  - Doctrine: Processes are being set – time to write them down
    - ❖ **Status: Not as far as we would like but coming soon**
  - ConOps? Yes in 2009.
    - ❖ **Status: Not quite**
  - IRCT FOG
    - ❖ **Status: First version published; will issue first big update during 2010**
  - Out Year Budgets – Surge Account
    - ❖ **Status: Yes! We established a budget – but then we spent it all and more on Haiti**





## Crystal Ball Check (Cont)



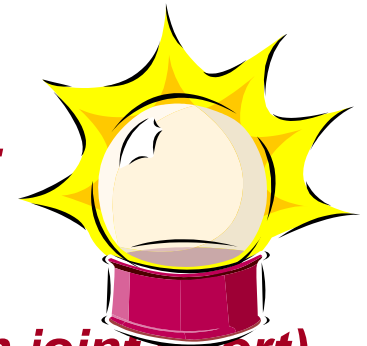
### ● HHS:

- Greater integration with VA
  - ❖ **Status: VA is now trained and rostered to deploy as key members of Planning Section. More coming**
  - ❖ **VA FMS Staffing Package**
- PHS integrated into Planning Process
  - ❖ **Status: “OFRD Operations” now part of all ESF#8 briefs. Better integration –more to follow**
  - ❖ **New NIST RIST teams taking positions on the IRCTs**
- More use of National Guard
  - ❖ **Status: NGB has become a standard part of our operational resources and considerations**
- Op Order Driven:
  - ❖ **Status: Not quite finished – but improvements to Order process are implemented; hope to unify soon**
- New PHS Teams
  - ❖ **Status: Big Item: NIST, RIST, SAT and other teams created or updated, getting trained and utilized.**



## Crystal Ball Check (Cont)

- HHS:
  - Cache Clinical Reviews – changes to configurations
    - Modular, Adaptable
      - ❖ **Status: Yes: and some bigger changes still to come.**
  - Event Planning Conferences – with State/Local
    - ❖ **Status: Yes - G-20 in Pittsburgh**
  - More Exercises (Atlantic Wrath April 14-16)
    - ❖ **Status: New Madrid Exercise, NLE, COOP, etc..**
  - Fusion Cell – Info, Analysis, Decision Support
    - ❖ **Status: Absolutely. Haiti great info.**
    - ❖ **HavBed data for H1N1 (Plans, REC, and Fusion joint effort)**
  - Classified Capability - OSSI Intel Updates
    - ❖ **Status: Yes. Not only OSSI info but greatly increased access to LEO and other sources**





## Crystal Ball Check (Cont)

- HHS:
  - Critical infrastructure – both in focus and products
    - ❖ **Status: CI capability has become more robust and involved**
  - IRCT position tasks books training.
    - ❖ **Status: Completed – training at THIS summit. More position specific training to come on-line and through exercises**
  - Security for deployed teams from OIG
    - ❖ **Status: Support worked out – but Security issues still need significant work**
  - International readiness / deployments
    - ❖ **Status: We did it! Haiti LL will make us more prepared**
  - Information systems – Improved Portal and WebEOC
    - ❖ **Status: Redesign, better access, more training and usage – still some access issues – but being worked.**
  - Analytical studies/ tools – AHRQ:
    - ❖ **Status: Decision tools for At Risk Populations and Shelter vs. Evac. Used Center for Biosecurity at UPMC “The Next Challenge in Healthcare Preparedness: Catastrophic Health Events”**



## What a Year it Has Been!

- We said last year was the busiest year – guess what!
- Hurricanes
- American Samoa
- State of the Union
- Haiti
- Red River Floods
- H1N1



## A Year in Review –We’ve Been Busy

- What have we done:
  - First massive activation for an OCONUS Deployment
    - ❖ BAM Earthquake had been one IMSURT and support
    - ❖ Haiti had over 1,200 personnel
  - Natural Disasters:
    - ❖ American Samoa tsunami
    - ❖ Red River Flooding
  - NSSEs:
    - ❖ G-20
    - ❖ State of the Union
    - ❖ Global Nuclear Security Summit
- AAR – Nashville April 2010
  - Review of OCONUS deployments



## Last Year (2009) we thought we were busy

2009 EVENTS	NDMS Personnel
2009 H1N1 FLU - VACCINATION TEAMS	46
2009 SUMMIT	2
2010 H1N1 FLU - VACCINATION TEAMS	17
AIRPLANE CRASH BUFFALO, NY	80
AMERICAN SAMOA TSUNAMI	225
BINGHAMPTON NY	13
CHANCELLOR OF GERMANY ADDRESS 03NOV09	4
EOC and HQ Events	57
EPA TRAINING EXERCISES	29
GAP PLANNING	12
GUAM TROPICAL DEPRESSION 18W	30
INAUGURATION 2009	101
INDEPENDENCE DAY 2009 (NATIONAL)	31
KY ICE STORM	7
LINCOLN MEMORIAL REDEDICATION	10
LOGISTICS EVENTS	345
NATIONAL PEACE OFFICERS MEMORIAL 2009	20
ORIENTATION CDC QUARANTINE STATION STAFFING [H1N1]	107
PRESIDENTIAL ADDRESS TO CONGRESS	87
RED RIVER FLOODING	333
Team Training Exercises - 2010	48
THE G-20 PITTSBURGH SUMMIT	8
TS DAN	70
USCG REQUESTED DMAT SUPPORT 05/24/09	3
VI EC & STATE OFFICIALS TO DISCUSS & VISIT	2
WINTER OLYMPICS AND SPECIAL OLYMPICS 2010	3
	26
	1690

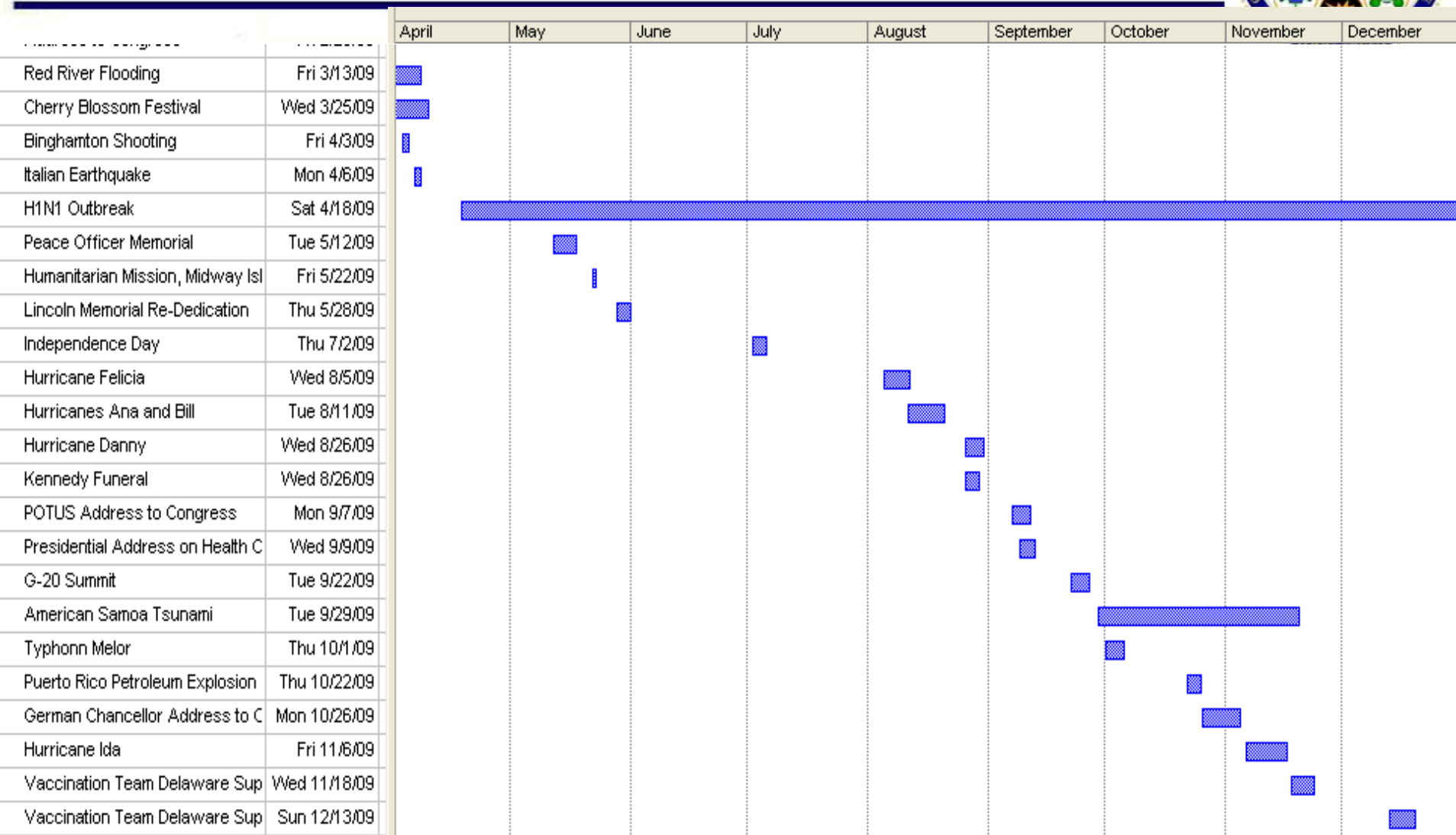


## The First Quarter (2010) we were busier

2010 EVENTS (as of 4/16)	NDMS Personnel
2010 Integrated Training Summit, Nashville TN	8
2010 Red River Basin incident	7
EOC General/Hq Events	8
ESF-8 NLE 2010 Exercise 2nd Planning Meeting	1
FEMA Region 6 and Arkansas NMSZ Workshop	1
FY10 Property Site Assessment	40
G45-NUCLEAR SUMMIT	1
GAP Analysis	19
H1N1 Flu - Vaccination Teams	30
Haiti Earthquake	1154
Logistics Events	37
State of the Union Address 27-Jan-2010	33
Team Training Exercises - 2010	41
TELL Training: IMT OPS Chief Class from April 20 - April 23	10
Winter Olympics and Special Olympics	11
15	1401 14

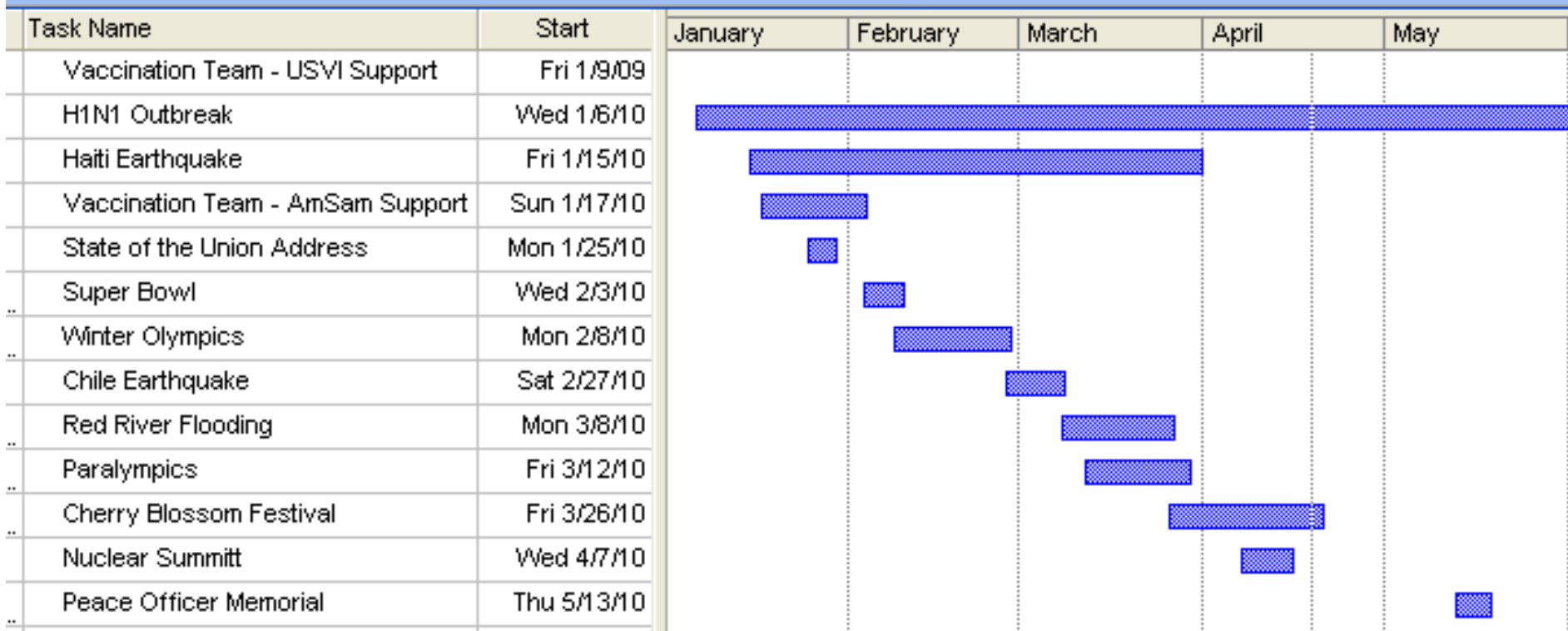


# ESF#8 Response 2009 - 2010





# ESF#8 Response 2009 - 2010





## **ESF#8 Response 2009 / 2010 Missions (examples)**

- Surgical capability
- Strike Teams
- Human Services (shelter assessments)
- Patient Evacuation
- Hospital augmentation/ER Decompression
- Public Health Missions
- Mental Health
- Federal Medical Station (low acuity medical shelter)
- Service Access Teams (SATs)
- Veterinary Medical



## This Year's Big Three

- American Samoa:
  - Although a US territory, sure felt international – passports, etc
  - Long logistics and communication lines
- Vaccination Teams:
  - New mission, New Teams.
  - Training, ConOps, Lessons Learned, etc.
- Haiti:
  - First International deployment since the Bam earthquake.
  - Major deployment – over 1,100 personnel deployed.
  - Work under US State Department and USAID
  - Work closely with DoD and NGOs



## Federal Updates

**The National Response Framework (NRF)**

**The National Incident Management System (NIMS)**

**The Integrated Planning System (IPS)**



### National Response Framework

January 2008



Homeland Security



# **In Case of Emergency - Take Class**

- **National Response Plan (NRF)**

<http://www.fema.gov/emergency/nrf/mainindex.htm>

<http://www.training.fema.gov/nrfres.asp>

<http://training.fema.gov/EMIWeb/IS/IS800b.asp>

- **National Incident Management System (NIMS)**

<http://www.fema.gov/emergency/nims/>

<http://www.fema.gov/emergency/nims/NIMSTrainingCourses.shtm#item1>

<http://training.fema.gov/EMIWeb/IS/is700a.asp>

- **Incident Command System (ICS)**

<http://training.fema.gov/EMIWeb/IS/IS100A.asp>

<http://training.fema.gov/EMIWeb/IS/is100HC.asp>



## Federal Updates - NIMS

- National Incident Management System (NIMS)
- New NIMS document started to be trained in 2009
- NIMS Work Groups - NIMS for Healthcare
- NIMS Investigation and Intelligence Guide
- NIMS Implementation - NIMS for Federal Departments and Agencies



### NATIONAL INCIDENT MANAGEMENT SYSTEM

December 2008



Homeland  
Security



## **NIMS Program Management & Coordination Groups**

- Search and Rescue (with sub groups for canine, land, water & USAR)
- Incident Management
- Animal Health
- Emergency Medical Services
- Fire/Hazmat
- Law Enforcement
- Mass Care
- Public Health and Medical
- Public Works



## NIMS for Healthcare

- Healthcare Implementation Work Group established 2007
  - Developed draft Metrics
  - Adopted a preliminary measures
  - Tied to Federal Grants (Hospital Preparedness Program)
  - Revisions and updates to grants
- Metrics Conference for health care system preparedness:
  - Working group - measurement of health care system preparedness.
  - Refining benchmarks and measures for hospital preparedness.
- Resource Typing
  - Major revisions
  - Working with various groups to develop ‘Types’ and ‘Kinds’ for all HHS resources



## NIMS In Healthcare Response Operations

- Application to health and medical response operations
  - Predominant feature of most disaster operations is the need for Health and Medical support
  - Health and Medical must integrate into the overall operation to be effective
  - Uniform organization and communication will improve operations
  - Also addresses Veterinary Medical (Animal Health) Support
- HHS Operations:
  - Continued NIMS / ICS Training
  - Position Specific Training
  - Field Guides, SOPs, etc using NIMS / ICS terminology and principles, and concepts.
  - Position Ladders – Task Books, evaluations



## Federal Updates – Pre-Scripted Mission Assignments

- Pre-Scripted Mission Assignments have evolved into Pre-Scripted Statements of Work (PSSOW)
- PSSOW Updates:
  - HHS / FEMA have been utilizing the PSSOWs
  - Admin and Finance Section has been working with FEMA to ‘take to the next level’
  - Used as the basis for Interagency Agreements for H1N1 or other pandemic response operation.
- Continued review and refinement of PSSOWs.



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# ASPR Updates





## **ASPR Operations: Updates and Initiatives**

- Focused on Areas of Responsibility
  - Command and Control
    - ❖ Clarification on control of forces while in movement (deploying and demobilizing between IRCT and EMG)
      - » EMG is the IRCT until the IRCT is established and formerly takes control.
    - ❖ NIST, RIST and VA integrated into management team
  - Patient Care
    - ❖ Building block approach specialty capabilities. (more to follow)
  - Patient Evacuation
    - ❖ Processed refined and tested (in operations).
    - ❖ Flexible options – DoD, Commercial Air, Air Ambulance, FEMA Ambulance contract, etc.
  - Fatality Management
    - ❖ Major Lessons Learned from Haiti.
    - ❖ New ConOps written during Haiti – expect refinement
    - ❖ Expect lessons to change procedures and concepts



## ASPR Operations: Updates and Initiatives

- Areas of Responsibility (continued)
  - Medical care personnel
    - ❖ Further integration – use of VA on IRCT, Volunteer providers, etc
    - ❖ DMAT and IMSURT combined
    - ❖ New vaccination teams
  - Worker Health/Safety
    - ❖ Mobilization and Demobilization processing - Response Force Protection Center (RFPC)
  - Public Health / Medical Consultation / Veterinary Medical, Technical Assistance, & Support
    - ❖ IRCT Rep (REC) assignments to FEMA IMATs
  - Medical equipment & supplies
    - ❖ Turnover of gear to Haiti
    - ❖ Reconfiguration of caches continues



## **ASPR Operations - NDMS: Updates and Initiatives**

- Another Busy Time:
  - For all of 2009 there were 26 "events" that caused 346 taskers to be generated were we deployed 1690 personnel
  - For 2010 ( as of 4/16) there have been 15 "events" that caused 258 taskers to be generated were we deployed 1401 personnel
- Use of RMS expanded – automated rosters
- Contract for NDMS reimbursement established
- Electronic Medical Records (EMR) System implemented and being utilized
- NNRT- NCR:
  - NMRT-NCR moved to HHS-leased multi-use warehouse in Alexandria, VA.
  - 1-Year NMRT-NCR contract extended until June 2010.
- NDMS Directorate Staff has been working on:
  - FCC training
  - Reimbursement for definitive care issues
  - Patient Movement issues
- Senior Policy Group (SPG) Next meeting by June:
  - DoD ASDHA to HHS in March for briefings



## **ASPR Planning: Updates and Initiatives**

- Use of Service Access Teams (SAT)
  - Lessons Learned from Haiti SAT operations fed into ConOps
- New ConOps for Patient Return and Mass Migration
- Veterinary Conops under review
- Building cadre of planning expertise FEMA Plans Section Training
  - DVA, NIST and RIST personnel integrated into Planning Sections
- Regular Planning ‘P’ meetings
- IRCT planners engaged with State and local planners for integrated IAPs.
- IRCT training during the summit - including detailed planning training.
- Continued updates to Playbooks (Pan Flu, IND, and RDD)



## ASPR Logistics: Updates and Initiatives

- Regionalization – enhancing readiness capability – response timeliness
- Clinical Review of Response Assets – more mission focused, continuum of care
  - New Mobile Medical kits – MMKs
- Air Palletized - FedEx; Push pack: 2 DMATs, RX, and IRCT
- ALRT: Advanced Logistics Reception Team
- Contract Management and execution of EPAP
- Frederick, MD Mission Support Center (MSC)
  - Cache management function
- OPEO and NGB Agreement - pharmaceutical caches and class VIII field re-supply. Vendor agreement established to facilitate procurement of veterinary pharmaceuticals
- OFRD and OPEO Agreement - Logistics support for training and APHT cache
- OFRD and OPEO Logistics efforts to develop and train teams to provide additional logistics support





## **ASPR Admin and Finance: Updates and Initiatives**

- Budget – Good thing we had a Surge Account established.
- Better tracking of expenditures; reporting of costs
- Improved accounting and reimbursement
- Reimbursement - Not just for FEMA anymore (DoD, State Department, USAID, National Park Service)
- Creative solutions - \$60K for cash contracts in Haiti
  - Not to be a routine action.



## ASPR IRCT: Updates and Initiatives

- IRCT A's Team Structure – Since 2009 – **no anticipated changes**
  - IRCT A Northeast (NE) (Regions 1, 2,3)
  - IRCT A Southeast (SE) (Region 4)
  - IRCT A NCR (National Capitol Region)
  - IRCT A Heartland (HL) (Regions 5, 7, 8)
  - IRCT A West (W) (Regions 9, 10)
- Email Accounts for Team Positions
  - Commander & Deputy, All Section Chiefs, Fusion Cell/Situational Awareness Unit
  - Active and have been used



## **ASPR IRCT: Updates and Initiatives**

- Readiness Criteria for Team Members
  - Position Task Books (PTBs) and Job Action Sheets (JAS')
  - Post deployment performance feedback
- Exercises
  - Working to incorporate IRCTs into the Regional DMAT trainings (issues have been timing and lack of personnel to support due to n=ongoing missions)
- Command Selection for Teams
  - Application Process
  - Allow for consistency in Command structure
- Standardized Training Curriculum
  - To be developed during the remainder of the calendar year



## Critical Infrastructure Protection: Updates

- Responsible for healthcare delivery systems, public health, laboratories, mass fatalities, blood products, medical/pharmaceutical manufacturing/distribution, and healthcare IT
- Highly dependent on a strong public-private partnership
- Work primarily completed through a number of FACA-exempt working groups/committees
  - Government Coordinating Council
  - Sector Coordinating Council
  - Research and Development Working Group
  - Risk Assessment Working Group
  - Information Sharing Working Group
  - Cybersecurity Working Group
- All committees include SLTT and private sector partners and have a non-Fed voting majority
- Current focus on two pilot programs involving international supply chain dependency issues.



## CIP Key Initiatives

- Information Sharing
  - Sharing classified and unclassified threat/vulnerability and operational information with state, local, tribal, territorial and private sector partners
    - ❖ Four quarterly briefings conducted throughout the nation in partnership with DHS and the FBI
  - Development of a secure on-line portal for the sharing of FOUO-level threat and vulnerability, cybersecurity and operational information (contact the program office at [CIP@hhs.gov](mailto:CIP@hhs.gov) to request for access)
- Cybersecurity
  - Increase awareness of cybersecurity issues affecting our sector
  - Notify sector partners of key cyber vulnerabilities as they are identified
- Risk Assessment
  - Work with SLTT and private sector partners to identify critical national and international critical infrastructure
  - Facilitation of security assessments by DHS of various sector facilities



## **Division of At-Risk, Behavioral Health, and Community Resilience (ABC)**

### ABC Highlights from 2009:

- Piloted Regional Workshop on Disaster Behavioral Health Integration
- Created Educational Toolkit for Internal and External Partners
- Delivered Three Web Casts
- Held Listening Session on At-Risk Individuals in Pandemic Influenza
- Convened Workshop on Pediatric Preparedness and Response in Public Health Emergencies and Disasters
- Working to Establish Training Standards for Behavioral Health Force Protection for HHS Responders
- Chaired Interagency Subcommittee on Health & Emergency Preparedness for Individuals with Disabilities and Other Special Needs



## **Division of At-Risk, Behavioral Health, and Community Resilience (ABC)**

Current and Future ABC Priorities Include:

- ABC is now positioned within the ASPR Office of Policy and Planning but will continue to provide subject matter expertise during ESF #8 response.
- ASPR & ACF will co-chair HHS Working Group on Children & Disasters.
- ABC will support implementation of NHSS around community resilience, psychological support/behavioral health, and at-risk populations.
- Serve with the ASH National Recovery Coordinator as HHS staff liaisons on recovery efforts on behalf of ASPR and ASH.
- Coordinate and promote synergy between policy initiatives including NBSB Disaster Mental Health Subcommittee and the National Commission on Children and Disasters.



## ASPR Updates – HSPD-21

- National Health Security Strategy
  - Added to the National Preparedness Strategies.
    - ❖ National Security Strategy, National Strategy for Homeland Security, etc.
  - Published (on schedule) in December 2009
  - Definition: Public Prepared For Protected From And Resilient To Health Threats
  - Implementation Guide Coming in the Fall.
- Executive Order for countermeasures distribution.
- International Health Regulations
  - International Network / Partnerships for global health threat tracking and reporting.
  - US POC is the HHS SOC



# Crystal Ball for 2010





## Crystal Ball – What's ahead?

- Federal:
  - HSPD 8 being revised:
    - ❖ Changes
    - ❖ Implications.
  - National Health Security Strategy:
    - ❖ Implementation Guide
    - ❖ Revisions
  - FEMA's Planning initiatives





## Crystal Ball – What's ahead ? HHS / ASPR:

- ASPR:
  - Expanded scope of operations
  - More International support and Integration:
    - ❖ State Department and USAID know who we are and how to use us now.
    - ❖ More engagement of LNOs, both from outside the country and from other Departments.
    - ❖ North American Leadership Summit - commitments and joint ventures
    - ❖ Desire for better coordination and definition of roles between HHS, CDC, Dept of State and Homeland Security, USDA.
  - More engaged in communicable diseases (H1N1, H5N1, TB, etc.)



## Crystal Ball – What's ahead ? HHS / ASPR:

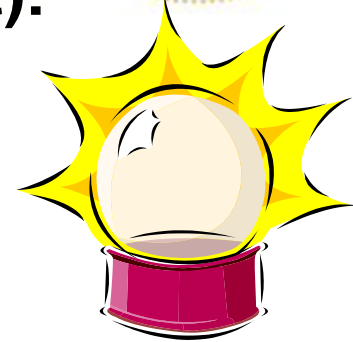
- Operations:
  - Definitions! What are our resources – What are they intended to do, what requirements do they have?
  - Patient Movement – concrete processes
  - Building Block platforms: For NDMS: DMAT, DMORT, & NVRT. All other capabilities are add-on modules. Similar for PHS teams
  - Information systems:
    - ❖ MedMap as part of the common operating picture
    - ❖ Expect more (and integrated) use of RMS
    - ❖ Expect WebEOC Portable use to be developed
    - ❖ Maturation of HavBed
  - Fatality Management:
    - ❖ Representatives on the IRCT
    - ❖ ConOps – building blocks
  - Veterinary:
    - ❖ Representatives on the IRCT/ Assessment Support
  - Consolidating various Field SOPs into a master OPS SOP.
  - NMRT-NCR Preparedness & Response contract with 4 option years.





## Crystal Ball – What's ahead ? HHS / ASPR (cont):

- Planning:
  - Big item on the horizon is the Executive Order for countermeasure distribution
  - Shift in emphasis to the allocation of scarce resources. Reluctance to address adequately in the past.
  - Likewise – more substantial dialogue on crisis standards of care
  - More focus on IED and earthquake planning
  - We will see more use of SAT teams
  - Data driven decisions and policy - continued use of analytical studies/ tools:
    - ❖ IOM report on Crisis Standards of Care.
  - More emphasis on regional preparedness and planning in collaboration with state/local entities.





## Crystal Ball – What's ahead?

- Logistics
  - New cache configurations
  - 2010 NVRT Cache updates
  - NVRT Cache updates
  - New IMSURT Module
- Critical Infrastructure
  - Expanded security clearance program and expanded outreach to build on the existing CIP portal for enhanced information sharing
  - Completion of a pilot program on international supply chain dependencies
  - Completion of a pilot program on the theft and diversion of medical radioisotopes



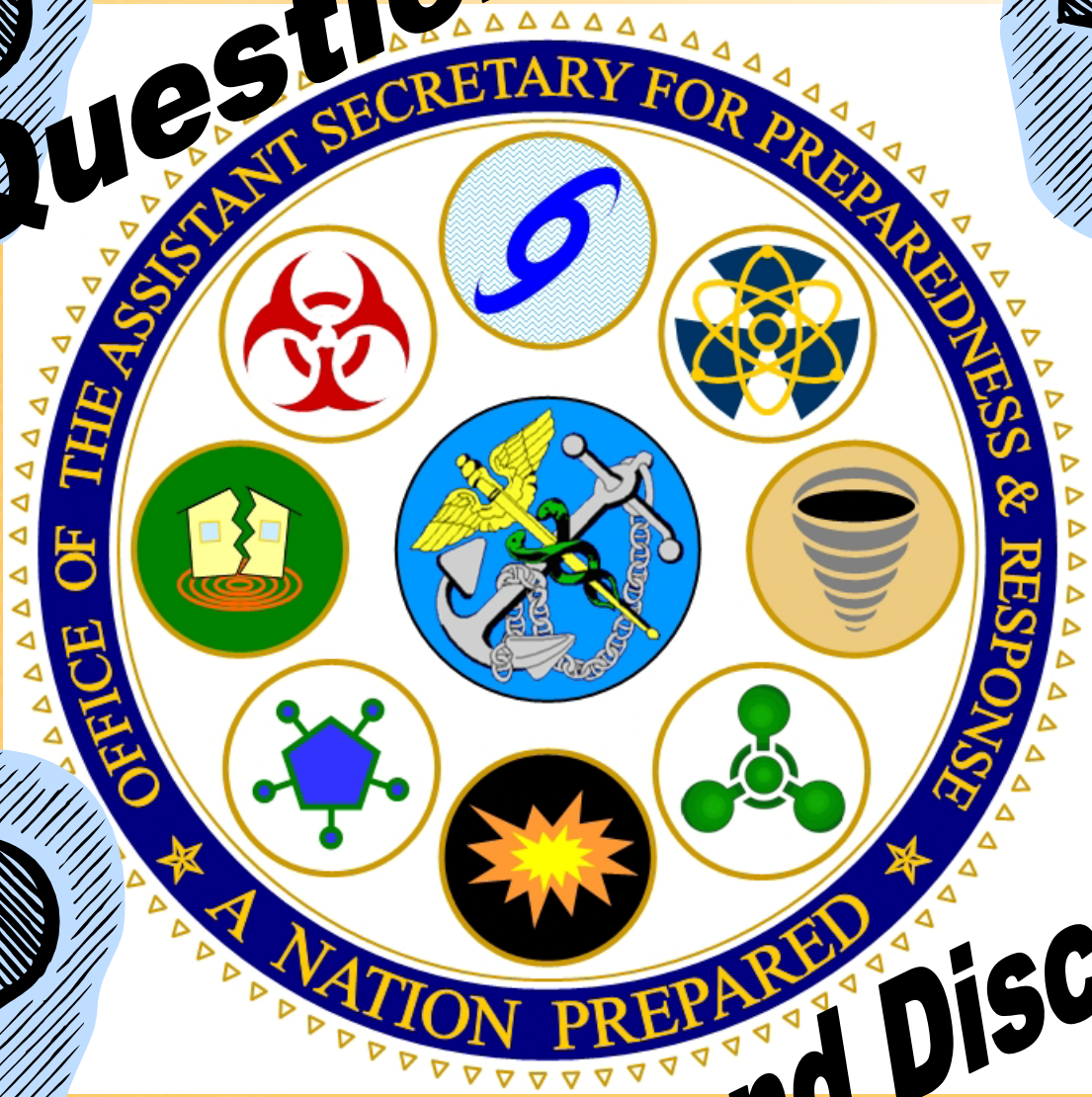


## Summary

- It's been another very busy year!
- Expanded scope – if you are good, people want you
- The shift's we've been seeing in Response Operations are coming to fruition
- Lessons learned have turned into processes and are now turning into doctrine
- Continued Refining – But Not Redirection
- More pressing training needs
- Program expansion and integration
  - Need to make the pie bigger



**Questions?**



**and Discussion**

**ASPR**