

VIGILANT GUARD



**Region XIII+ (MT)
MPC Planning Conference
19 May 2009**



Agenda

| | Topic | Presenter |
|-----------|--|------------------------------|
| 0900-0915 | Introductions | Maj Smith MAJ Hanson |
| 0915-0945 | Leadership Update | MAJ Hanson Frances Fisher |
| 0945-1000 | Break | -- |
| 1015-1045 | County / Civilian Update | Civilian Leads |
| 1045-1115 | CPX Discussion | Frances Fisher |
| 1115-1215 | FTX Venue Review and Planning | Frances Fisher |
| 1215-1330 | Lunch | -- |
| 1330-1400 | TTX Design | Frances Fisher |
| 1400-1530 | Breakout Discussions (CST/CERFP, JRSOI, Medical, JOC, Sync Matrix, TTX, General) | -- |
| 1530-1615 | Breakout Discussion Backbrief | Breakout Leaders |
| 1615-1630 | Path Forward | Frances Fisher |



Leadership Update

**VIGILANT
GUARD**



Purpose

Vigilant Guard is a Homeland Security/Homeland Defense FEMA Regional exercise program sponsored by NORAD-NORTHCOM and the National Guard Bureau J7 Office.

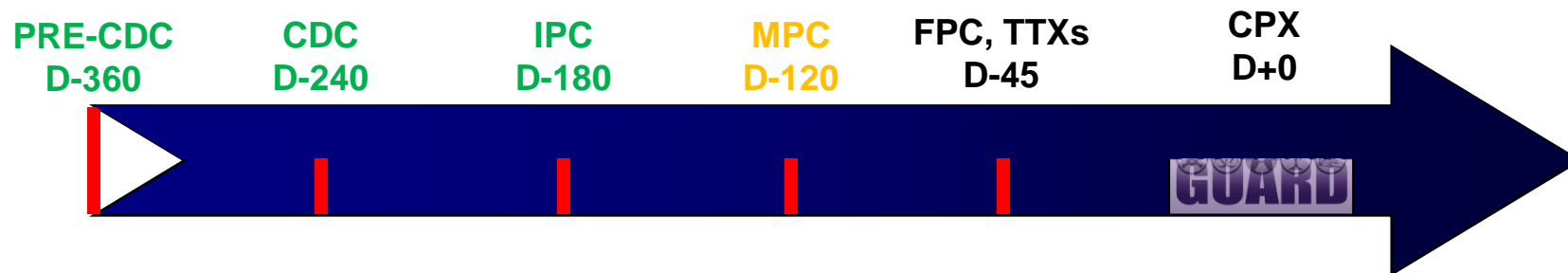
The program provides an opportunity for State National Guard Joint Force Headquarters to improve command and control and operational relationships with internal, regional civilian and military partners.





Exercise Status

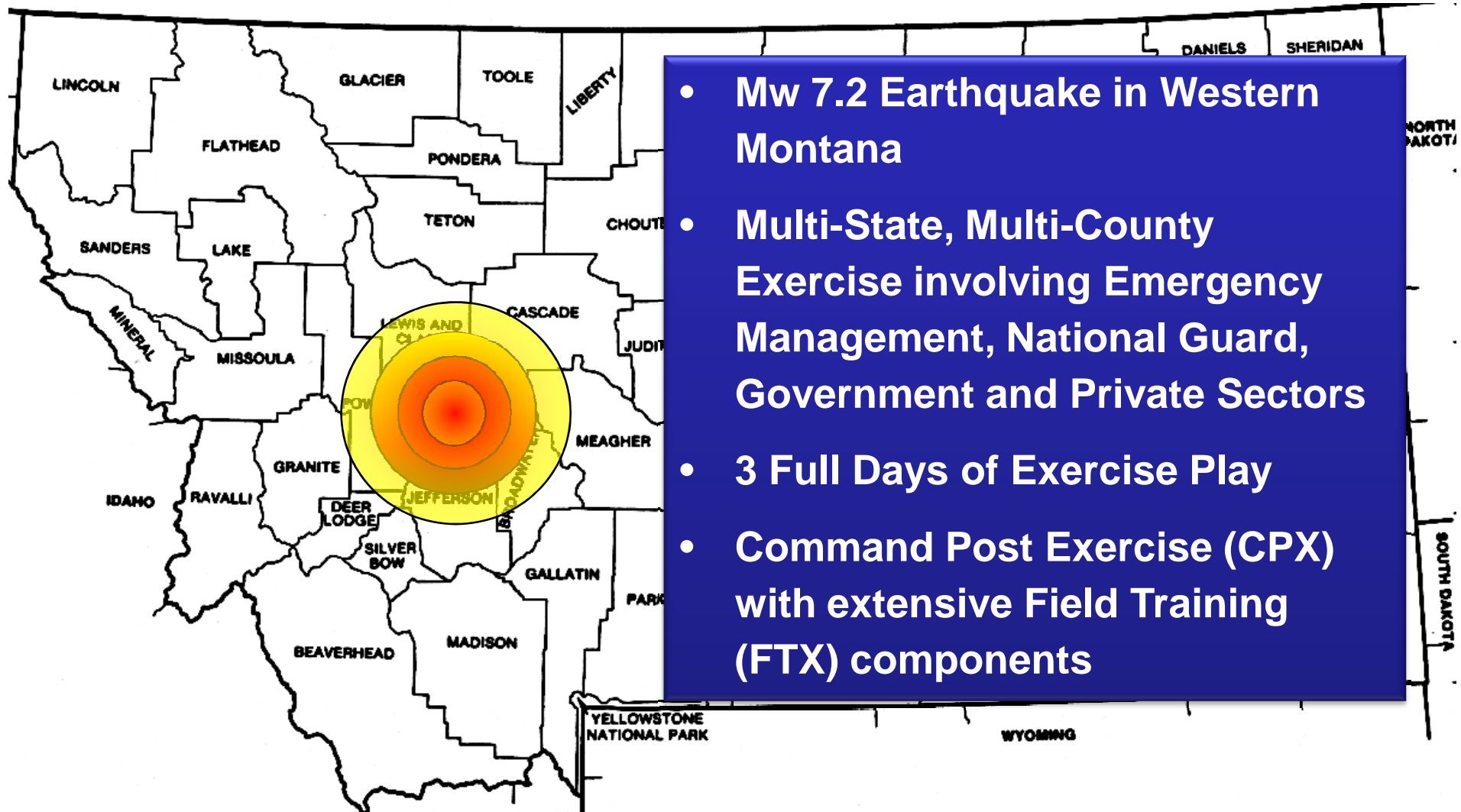
- Mid Planning Conference (MPC), *19 May 09*
- Final Planning Conference (FPC) & TTX, *1-3 Aug 09*
- Vigilant Guard CPX/ FTX, *15-17 Sep 09*



- Participation at City, County, State, NG, Private Sector Levels
- 9 Field Training Exercise Sites including Civilian, Military, and Private Sector Participants
- Confirming FTX Venue dates, times, and activities to ensure they meet training objectives of all participants
- Determining Exercise Sites and Control Nodes
- Coordinating with Civilian FSE Planners and Participants



VG Montana Exercise Vision

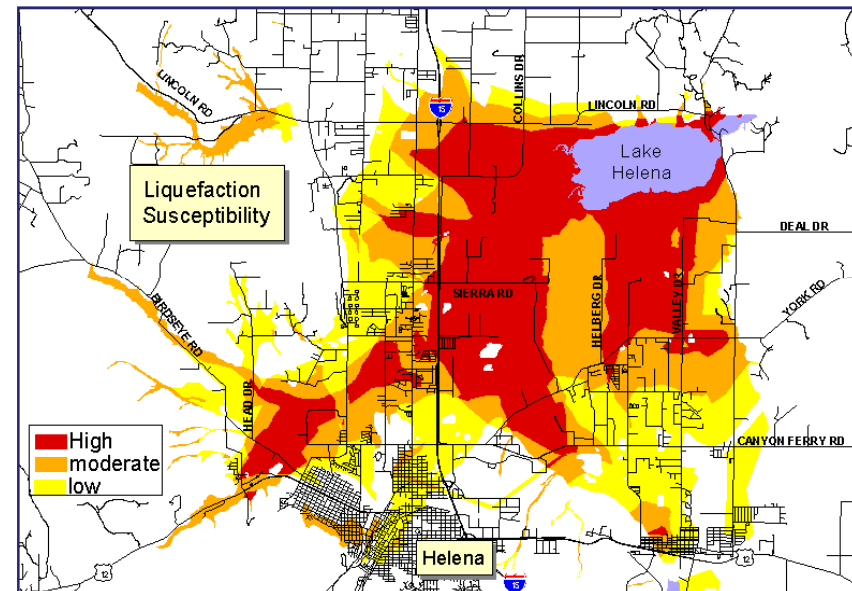


- Mw 7.2 Earthquake in Western Montana
- Multi-State, Multi-County Exercise involving Emergency Management, National Guard, Government and Private Sectors
- 3 Full Days of Exercise Play
- Command Post Exercise (CPX) with extensive Field Training (FTX) components



Scenario Update

- The Scenario has upgraded the strength of the earthquake from 6.3 to 7.2 Mw
- This change is to accommodate the large number of agencies and states participating in the exercise by making their involvement more plausible
- Expected Frequencies:
 - 5+ every 32 years
 - 6+ every 190 years
 - 7+ every 1,112 years





Exercise Objectives

- **Demonstrate the information flow and interagency coordination between Non-Governmental Organizations, local, state, and federal offices**
- **Demonstrate Continuity of Operations at the local, state and federal level**
- **Demonstrate integration and interoperability of private, local, state and federal resources**
- **Utilize National Incident Management System (NIMS)**
- **Demonstrate ability to respond to a natural or manmade disaster in order to protect the citizens of Montana**
- **Maintain situational awareness through effective voice and electronic communication systems**



Overarching Civilian Objectives

- **Communications**
- **Emergency Operations Center (EOC) Management**
- **On-Site Incident Management**
- **Emergency Triage and Pre-Hospital Treatment**
- **Critical Resource Logistics and Distribution**
- **Emergency Public Information and Warning**
- **Urban Search and Rescue (Land Based)**





Montana NG Objectives

- **Exercise JFHQ-MT Multi-hazard response plan**
- **Exercise JFHQ-MT COOP**
- **Exercise JFHQ-MT Earthquake Operations Plan (OPLAN)**
- **Deploy NG forces in support of civil authorities (JTF, CBRNE) Enhanced Response Force Package (CERFP), NG Quick Reaction Force (QRF), CST, LNOs**
- **Establish and operate Joint Reception, Staging, Onward Movement and Integration (JRSOI) center**
- **Establish, test and use communication links with participating agencies**
- **Conduct regional coordination with participating organizations**
- **Staff and execute a Joint Visitor's Bureau and Information Center (JVB/JIC)**



TTX Schedule

| Date | Event | Time |
|-----------------|---|------------------|
| 31 July | Civilian Final Planning Conference | TBD |
| 1 August | Regional TTX | 0900-1500 |
| 2 August | National Guard Final Planning Conference | 0800-1700 |
| 3 August | Leadership TTX | 0800-1300 |
| TBD | JRSOI Exercise | TBD |



Regional Tabletop Exercise (R-TTX)

General Information

- **Date:** 1 August, 0900-1500
- **Location:** HAFRC Auditorium, Fort Harrison, Helena, MT
- **Audience:**
- **Objective:** Address key *operational* challenges associated with an earthquake response; identify and develop viable solutions to meet these challenges.

All organizations participating in the CPX / FTX are encouraged to send representatives to the R-TTX. The R-TTX will be facilitated by the Vigilant Guard Team.

Unclassified



Regional Tabletop Exercise (R-TTX)

Proposed R-TTX Agenda

- **Introduction / Welcome (MTNG Senior Leadership)**
- **Scenario Overview (ANSER)**
- **Discussion Topics (ANSER)**
- **Identify Key Findings**

The Vigilant Guard Team will facilitate the R-TTX, collect notes, and produce a Quick Look document.

Unclassified



Suggested R-TTX Topics

- Notification and Activation Protocols
- Resource Requests and Mission Assignment
 - *National Guard*
 - *EMAC*
- Information Sharing / Common Operational Picture
- Process Discussion (PROFLOW)
 - NIMS Implementation
 - On-Site Management of External Resources

**Note: A separate JRSOI Exercise will be held outside of R-TTX*





Leadership Tabletop Exercise (L-TTX)

General Information

- **Date:** 3 August 0800-1300
- **Location:** HAFRC Auditorium, Fort Harrison, Helena, MT
- **Audience:**
- **Objective:** Address key *strategic* challenges associated with an earthquake response; identify and propose viable solutions to meet these challenges.

The Vigilant Guard Team will facilitate discussions with senior leadership, take notes and produce a Quick Look document.

Unclassified



Leadership Tabletop Exercise (L-TTX)

Proposed L-TTX Agenda

- **Introduction / Welcome (MTNG Senior Leadership)**
- **Scenario Overview**
- **Round-Table Discussion (Facilitated by the Vigilant Guard Team)**
- **Identify Key Findings**

Unclassified



Suggested L-TTX Topics

- Leadership Roles and Responsibilities
 - *Command and Control*
- Managing Incoming Resources
 - *Title 32 / Title 10*
 - *Local, Regional and Federal Resources*
 - *MOUs / MOAs for Regional Cooperation*
- Risk Communication and Public Affairs
- Long-Term Recovery





State of Montana Participants

State Agencies:

- **Department of Administration (DOA)**
- **Department of Environmental Quality (DEQ)**
- **Disaster and Emergency Services (DES)**
- **Department of Transportation (DOT)**
- **Department of Public Health and Human Services (DPH&HS)**
- **Department of National Resources and Conservation (DNRC)**





Lewis and Clark County Participants

Local and County Agencies:

- Sheriff's Offices
- Public Works
- Rural Fire Departments
- Health Departments
- Library
- Community Emergency Response Team (CERT)
- Lewis and Clark County
- Broadwater County
- Jefferson County
- Silver Bow County





Local Participants

Local Agencies:

- Helena Fire Department
- Helena Police Department
- Helena Public Works
- Red Cross
- Montana Rail Link
- Qwest
- CONOCO/Phillips
- Helena and East Helena School District
- Helena Airport
- St Peter's Hospital
- VA Fire/Administration



American Red Cross



St. Peter's Hospital

ConocoPhillips





Federal / Int'l Participants

Federal / International Agencies:

- FEMA Region VIII
- US Army Reserves (USAR)
- US Naval Reserves (USNR)
- Defense Coordinating Office (DCO)
- USNORTHCOM
- Kyrgyzstan



FEMA





Montana NG Units

- **MT CST**
- **QRF**
- **JFHQ**
- **JTF**
- **JRSOI**
- **120th Med Grp**
- **120th Mission Spt Grp**
- **120th Logistics**
- **120th Fire**
- **120th Services**
- **120th Communications**
- **120th Public Affairs**
- **120th Security**
- **219th RH**
- **208th RTI**
- **67th Sig Co**
- **484th MP**
- **1049th FFTG**
- **E/145th Forward Spt**
- **1-189th GSAB**



FTX Venue Overview

| Venue | Location | Focus |
|----------------------|----------------|---|
| St. Peter's Hospital | Helena | Internal TTX, Surge, Security |
| St. James Hospital | Silver Bow | Internal Exercise, Simulate MedEVAC |
| Carroll College | Helena | Mass Casualty Site, TTX, Security, CERT |
| VA Hospital | Ft Harrison | Medical Support, EMEDS |
| Rail Site | TBD | HAZMAT, CST, CERFP |
| Rubble Pile | Helena Airport | US&R, S&E, HAZMAT, Medical, CERFP |
| Burn Building Site | Helena Airport | Fire Training, Possible HAZMAT |
| Security Venues | Helena Airport | NG Unit Training |
| Pipeline Rupture | CONOCO/Philips | Assessment, Spill Containment, CST |
| School Sites | East Helena | Parents Pick Up Students (No NG) |
| JRSOI Site | Ft Harrison | National Guard JRSOI |
| Additional Venues | TBD | HAZMAT, others as needed |



Next Steps

- **Key Dates:**
 - *June 9 – Civilian MSEL Conference*
 - *July 31 – Civilian Final Planning Conference*
 - *August 1 – National Guard Final Planning Conference*
 - *August 2 – Regional Tabletop Exercise*
 - *August 3 – Leadership Tabletop Exercise*
 - *September 15-17 – CPX / FTX*
- **TTX Invitations will be mailed out shortly**
- **Finalize Contracts, Permits, Plans for Rubble Pile**
- **Match up FTX sites with participating units, finalize logistics**
- **Develop Sync Matrix, MSEL, ExPlan, other Exercise Documents**
- **Continue coordination with Civilian and Private Sector Partners**
- **Involve Public Affairs with community awareness programs**
- **Identify SIMCELL Staff from MTNG and Participating States**



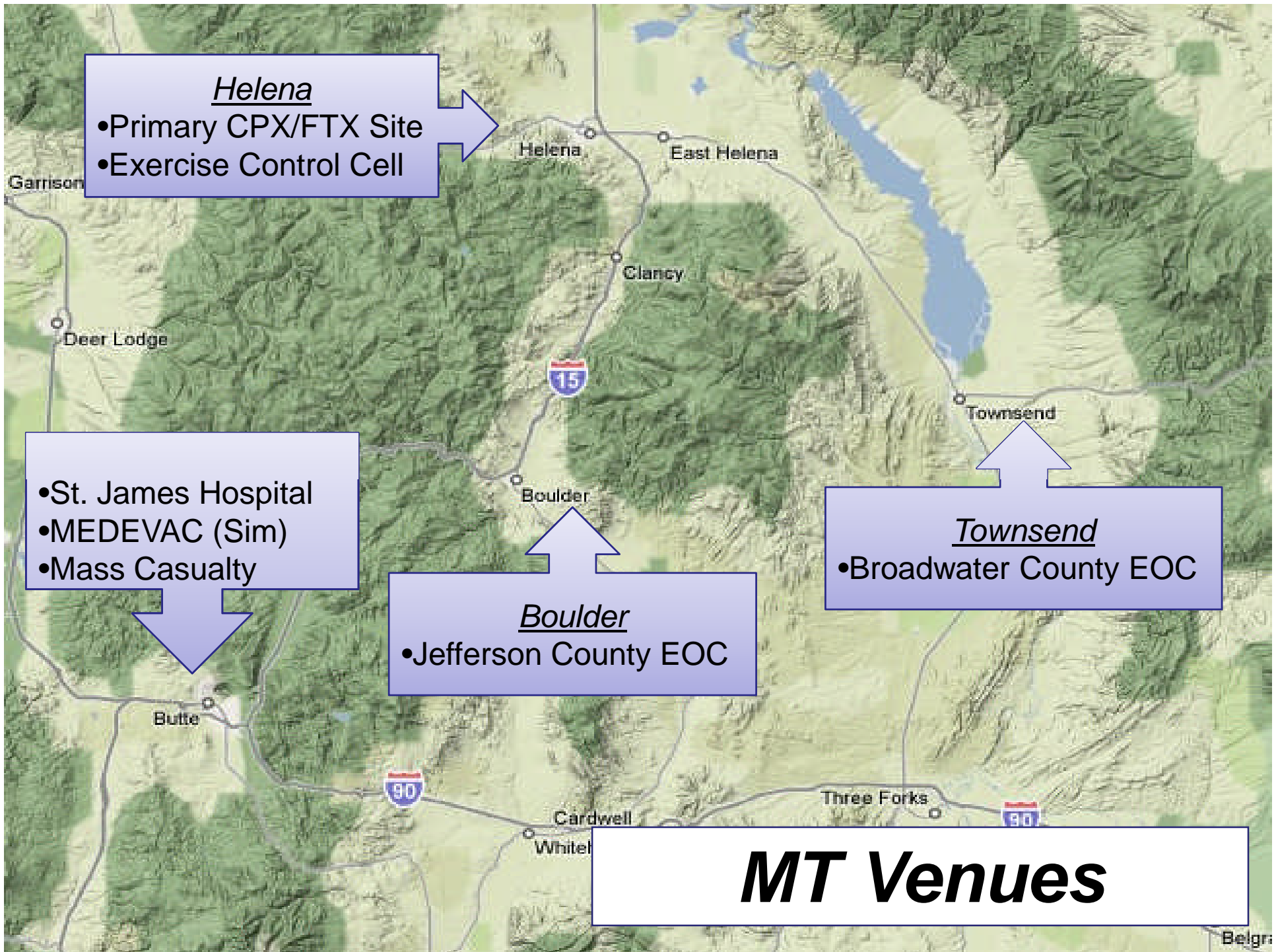
Questions

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CPX Discussion

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Helena

- Primary CPX/FTX Site
- Exercise Control Cell

- St. James Hospital
- MEDEVAC (Sim)
- Mass Casualty

Boulder

- Jefferson County EOC

Townsend

- Broadwater County EOC

MT Venues

Pipeline Rupture

- HAZMAT Incident
- Spill Containment
- CST Involvement



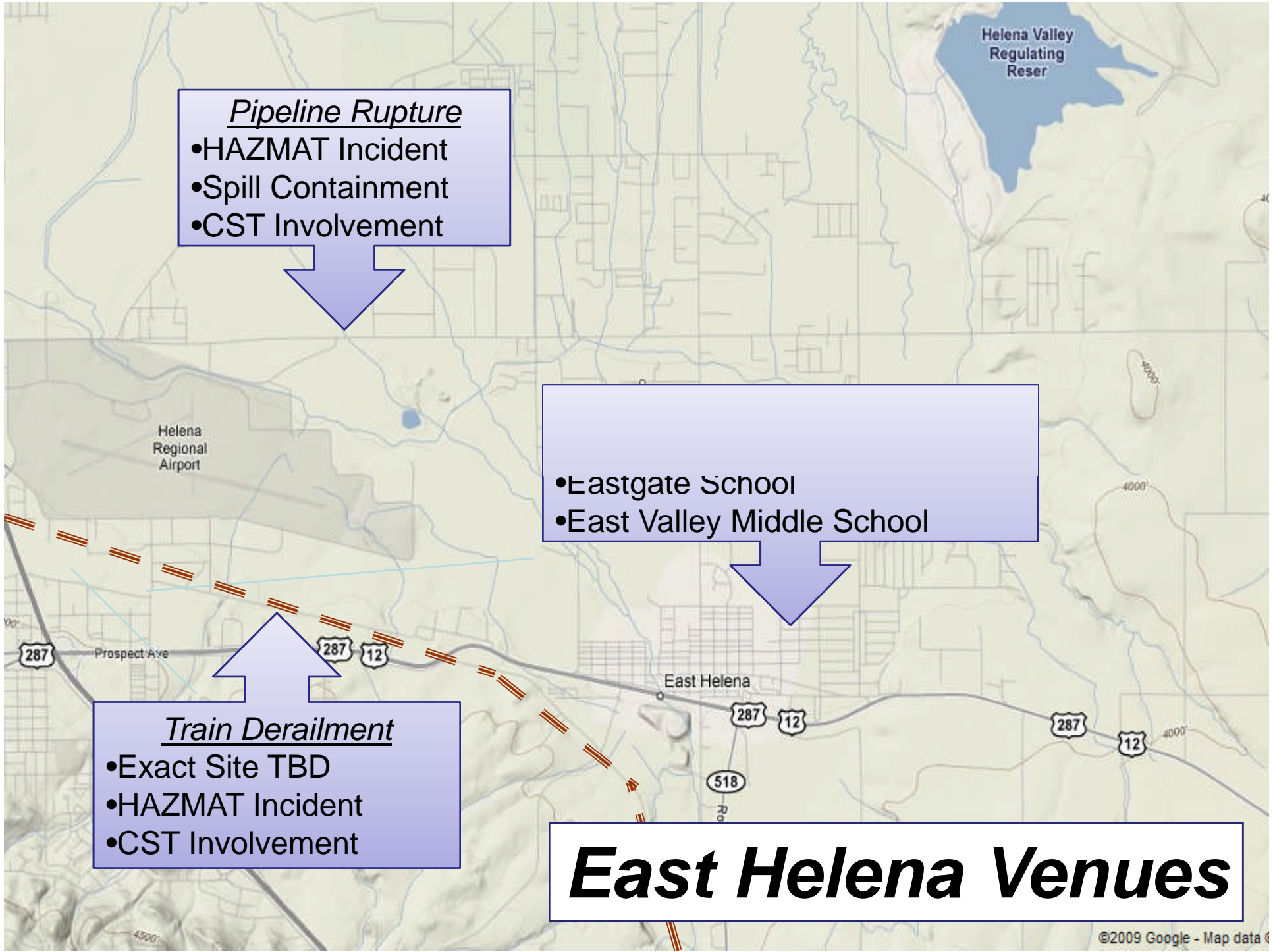
- Eastgate School
- East Valley Middle School



Train Derailment

- Exact Site TBD
- HAZMAT Incident
- CST Involvement

East Helena Venues



Fort Harrison

- Montana DES EOC
- JFHQ-MT, JOC
- JTF-MT
- JRSOI
- Exercise Control Cell
- Simulation Cell (SIMCELL)

Helena Airport

- Primary FTX Site
- Rubble Pile
- Burned Building
- CERFP
- Security Venues

St. Peter's Hospital

- Triage
- EMEDS

- S&R
- Directors Tabletop

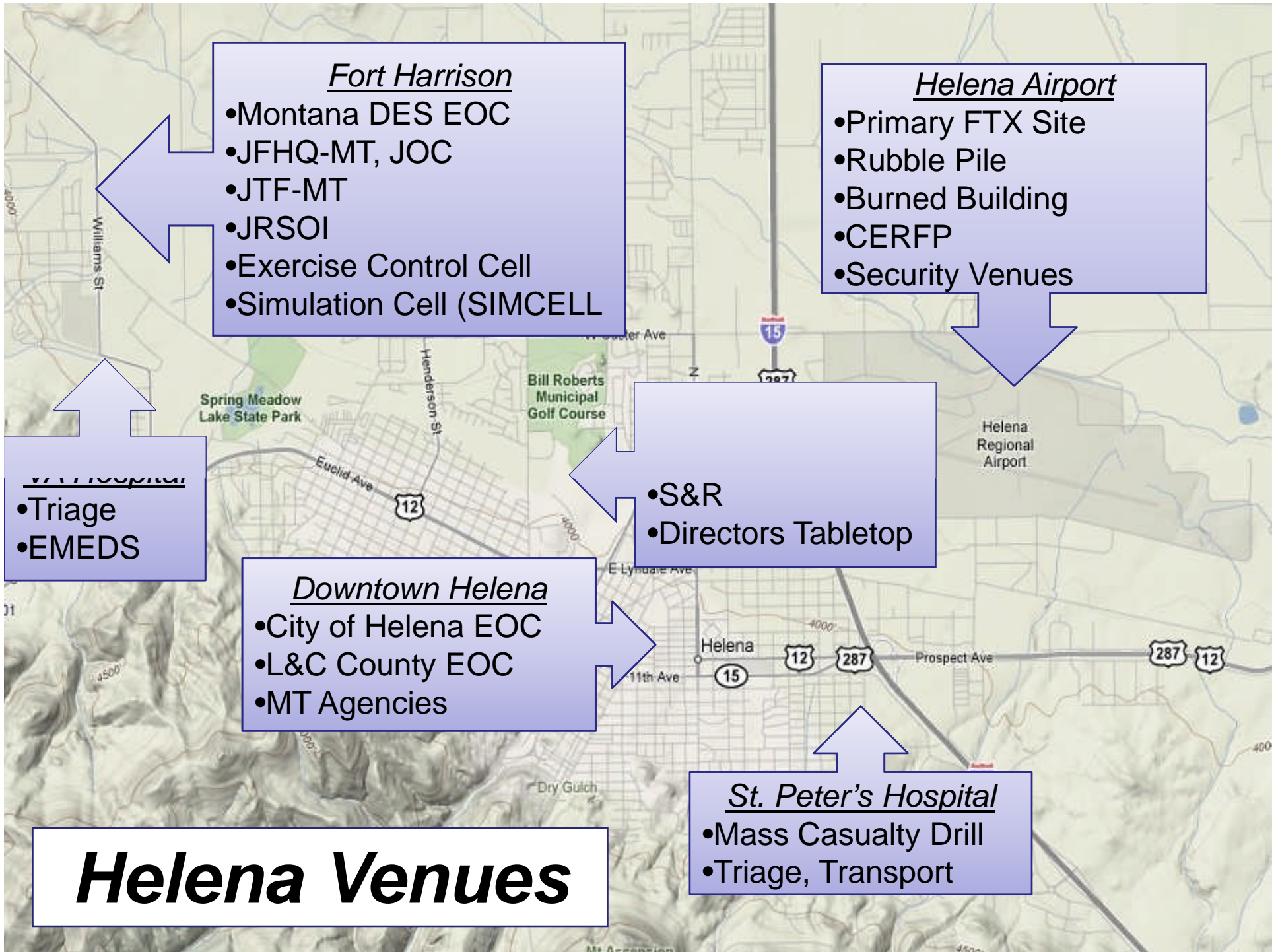
Downtown Helena

- City of Helena EOC
- L&C County EOC
- MT Agencies

St. Peter's Hospital

- Mass Casualty Drill
- Triage, Transport

Helena Venues





Exercise Concept of Operations

- **Cold start for the exercise: No warnings or preliminary seismic activity**
- **JRSOI location: Fort Harrison**
- **Joint Visitors Bureau and Joint Information Center: **Location TBD****
 - **Media day: 16 Sept**
- **Information technology (IT) tools**
 - **MTNG COP tool(s): JIEE and maps**
 - **MT DES IT or COP tool(s): **Maps and charts – Others?****
 - **County IT or COP tool(s): **Maps and charts – Others?****

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NGB Involvement

- **FTX: NGB J3 and J7 will be actively involved On-Site**
- **CPX: NGB Play / NGB Augmentation**
 - **NGB JET requests have been submitted for J1, J2, J4, J5/7, JAG and J6 Augmentation**
 - **No PARRT Request is Anticipated**
 - **What level of play is expected of NGB JoCC?**



Other Federal Participants

Federal Participation

US Army Reserve, US Naval Reserve, USCG,
NORTHCOM

- **Level of play**
 - **Will your office/agency fully participate in the exercise?**
 - **If yes, one, two or all three days?**
 - **If your office/agency will not fully participate, then will they be sending a representative to play in the Simulation Cell (SIMCELL)?**
 - **Deploy LNOs to EOCs/JOC?**



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JRSOI

- JRSOI will begin 14 Sept
- All forces will go through JRSOI, including MT Units
 - Abbreviated JRSOI for CST, QRF
- Reverse JRSOI will take place 17-18 Sept
- MTNG has indicated that they will do a JRSOI Tabletop / Rock Drill
- A JRSOI plan is under development
- POC: LTC Robinson

A JRSOI Breakout Session Will Be Conducted

All States and Units should send a representative to meet with LTC Robinson to confirm arrival and departure dates, PAX numbers, transportation methods, and billeting plans.



EMAC Drill

- **Civilians have agreed to hold an “EMAC Drill” prior to the exercise**
 - **Allows MT DES and regional EMAs to exercise the EMAC process**
 - **Allows pre-positioning of assets (JTF-WY, CERF-P, and EMEDS)**
 - **Enables participants to gain full use of limited exercise time**
 - **What states would like to participate?**
 - **Which states’ civilian counterparts have indicated interest?**
 - **What dates are good for NG, Participating States?**



Logistics / Administration

General Issues

- Identify Leadership Participation (e.g. Governors, TAGs)
- ECC
 - Site Determined in HAFRC Building
 - Phone, Internet Connectivity Requirements being worked
 - **What is status update on phones, internet drops, network access, printers?**
- **Letter of Instruction (LOI) / EXORD to Blue Players?**
- **POC for Logistics Issues (for each venue)?**
- Joint Visitors Bureau? Joint Information Center?
- Funding Issues for Participants?
- **Which organizations will operate 24 hrs?**



Exercise Concept of Operations

Exercise Control

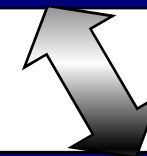
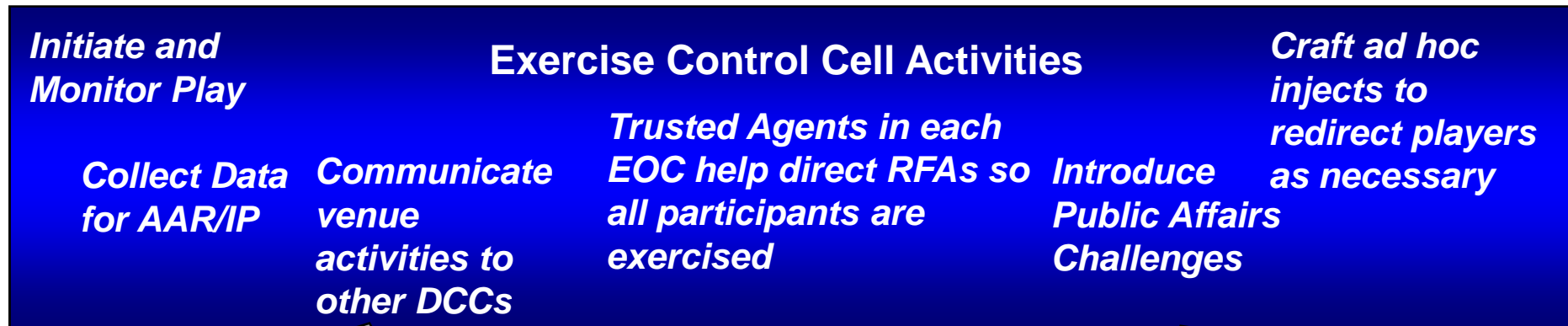
- The Vigilant Guard Team **Exercise Control Cell** (ECC) will operate from HAFRC. The ECC will send injects directly to its assigned exercise group. The ECC will coordinate operations to ensure all participants are meeting their exercise objectives and to deconflict issues as required.
- The **Simulation Cell** (SIMCELL) will also operate out of HARFC in close coordination with the Exercise Control Cell. Representatives in the SIMCELL will replicate units notionally playing in the exercise (e.g. a notionally deployed unit) or agencies notionally playing or have limited staff participation (e.g. one or two representatives are replicating the agency as a whole).
- **Data Collectors/Controllers** (DCCs) will be stationed at the different exercise venues to collect information for the After Action Review/Report (AAR) and monitor and facilitate exercise play.
- **Subject Matter Experts** (SMEs) will be called upon to observe, and when necessary, mentor blue players. Information from their observations will also be used in the AARs.

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Exercise Concept of Operations

Exercise Control



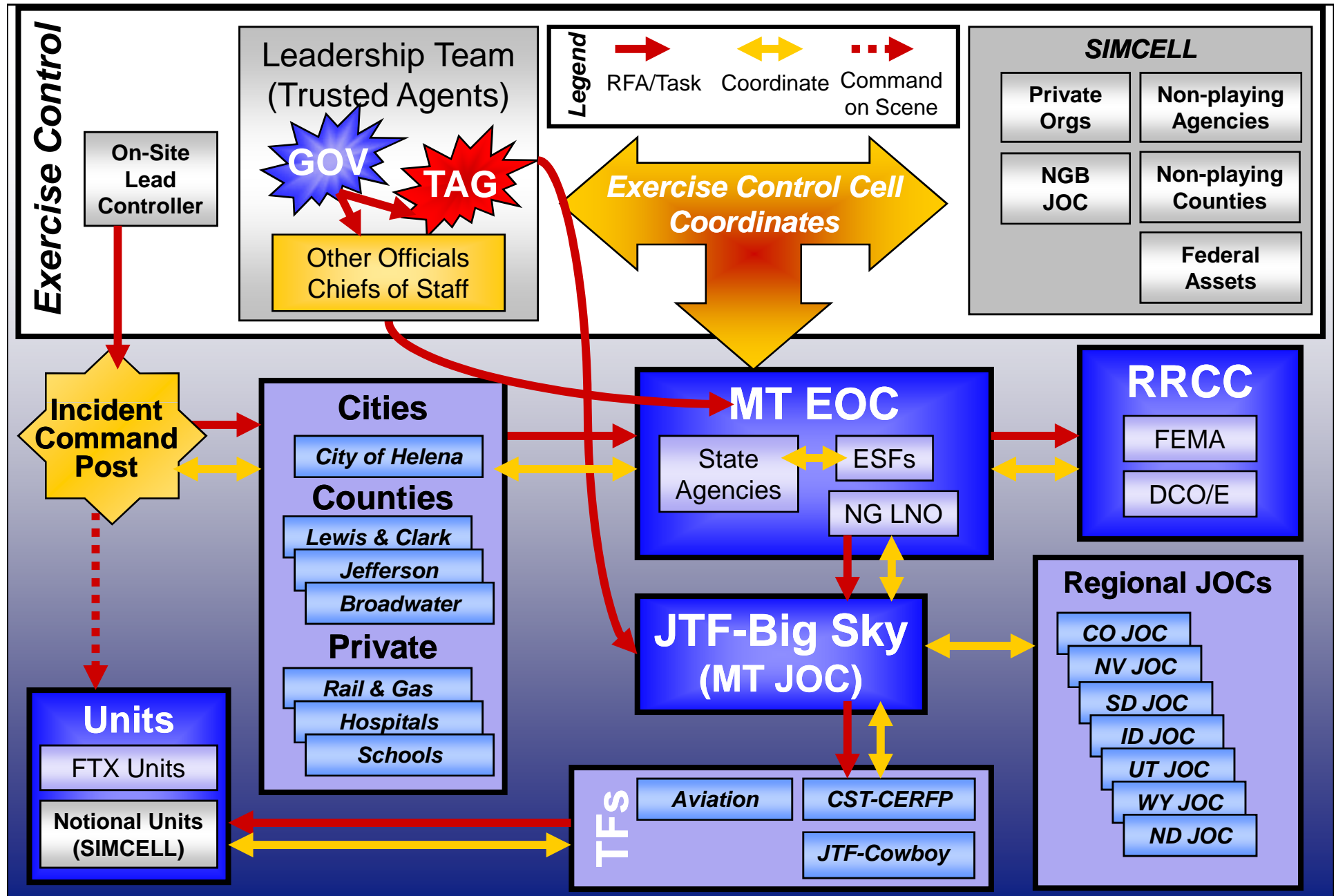
Simulation Cell / SIMCELL

- Civilians replicate counties, agencies that are not playing
- National Guard replicates subordinate units in order to exercise staff actions

DCCs and SMEs

- Observe operations and take notes
- Mentor where appropriate
- Inform ECC of Venue Activities and Progress
- Introduce “injects” as directed by ECC

VIGILANT GUARD-MT Information Flow





Data Collection

Personnel Requirements

- **Vigilant Guard Data Collector/Controllers will be present at each of the primary Exercise Locations:**
 - **Fort Harrison (Helena, MT)**
 - **JFHQ**
 - **JOC-MT**
 - **JTF-Big Sky**
 - **JTF-WY**
 - **MT DES EOC**
 - **All FTX sites where NG are involved**
- **Personnel from the Vigilant Guard Team, N-NC J716/NGB J7, NGB J7 and other out-of-state National Guard personnel will support data collection efforts.**
- **SRA will coordinate Data Collectors / Evaluators for Civilian CPX and FTX sites**



Data Collection

Data Collector/Controller Training Dates

- **Data Collector/Controllers will be provided with training on the scenario, scope of the exercise, training objectives, and goals prior to the exercise in September.**
- **Training will be offered at? Time? and location?:**
 - **ANSER, Arlington VA (Date TBD)**
 - **HAFRC Auditorium, Fort Harrison, Helena, MT**
 - **14 September 0800-1000**
- **Training will be provided by the Vigilant Guard Team**

Unclassified



SIMCELL Requirements

- **Notional Subordinate units will be played by the SIMCELL**
 - **WY NG will need to provide at least 1 person for the SIMCELL**
 - **MT NG will need to provide 5-10 people for the SIMCELL**
 - **The VIGILANT GUARD Team will provided training and a SIMCELL Lead Coordinator**
 - **Note: SIMCELL will be located in the HAFRC Building**
- **Training:**
 - **14 Sept 1000-1200**
 - **HAFRC Auditorium, Fort Harrison, Helena, MT**



Exercise Concept of Operations

Master Scenario Events List (MSEL) Injects

- Injects are tied to training objectives
- Will be reviewed and approved as part of a MSEL Synchronization Conference
- MSEL Conference will be held on 9 June
- Means of transmission expected to include email and phone.
- Civilians and NG will have one combined MSEL.

| INJ# | Subject | Text | OBJ. | Send | Receive |
|--------|----------------------------|---|------|------------------------|-------------------|
| INJ028 | FPCON for National Guard | Law enforcement resources in Western TN are significantly depleted, and TNNG is expected to receive multiple security missions. As a result, the TAG requests the JFHQ and the Judge Advocate to evaluate reasonable changes to Force Protection Conditions for units operating in Western Tennessee as well as facilities (e.g. armories) in affected counties. Guidance on FPCON should be provided to the TAG no later than 1800 HRS. | A76 | TNNG TAG | TNNG JFHQ |
| INJ029 | Damage to Roads, Highways | Local radio and television news stations have begun to report on the extent of earthquake effects in Western Tennessee. Initial reports suggest that the quake created numerous traffic accidents throughout the mid-south. Several hundred automobile accidents are reported in Shelby County alone. Extensive damage to Interstate Highways 40, 240, and 55 have made many routes impassible. Secondary roads are obstructed by significant quantities of debris from collapsed structures, overturned power lines and trees. | A3 | Media Reports | TNNG JOC |
| INJ030 | Damage to Bridges | Media reports confirm that several bridges in Western Tennessee have been heavily damaged or destroyed. Bridges believed to be impassible at this time include the Memphis / Arkansas Bridge (I-55), the Frisco Railroad Bridge, and the Harahan Railroad Bridge. Both the Herrando Desoto Bridge in Memphis (I-40), and the Carruthersville Bridge (I-155) are standing, but have sustained heavy damage and are believed to be unsafe for any vehicle traffic. | A3 | Media Reports | TNNG JOC |
| INJ031 | HAZMAT Incident, I-40 | A major hazardous materials event has been identified on I-40. A vehicle carrying an unknown quantity and type of flammable products was overturned during the New Madrid earthquake. The accident resulted in an explosion and several secondary accidents. News crews on scene report the accident has blocked all eastbound and westbound lanes of traffic on I-40. The accident is immediately east of Exit 24, near the Paul W. Barrett Memorial Parkway. | A36 | Media Reports | TNNG JOC |
| INJ032 | Train Derailment | Media reports indicate a multi-car train derailment within the Memphis city limits. Following the earthquake, a rail overpass collapsed at Park Avenue and I-240. An approaching 50+ car freight train was unable to brake and collapsed across the interstate. All north and southbound lanes of traffic are blocked. While no HAZMAT incidents have been associated with this crash, multiple fires are reported. Traffic in the area has been severely disrupted. Access to nearby St. Francis Hospital has also been adversely affected. | A36 | Media Reports | TNNG JOC |
| INJ033 | Air Traffic Control Issues | Memphis International Airport reports heavy damage to all runways at its facility. Runways 18C/36C, 18L/36R, 18R/36L and 9/27 require extensive repairs before returning to service. Airport officials are attempting to assess damage to fuel lines, while evacuating seven planes of various sizes stranded on the tarmac. No injuries are crashes have been reported at this time. Airport and FAA officials are also attempting to coordinate emergency landings for more than 30 commercial and passenger planes above or in route to the airport. | A35 | Memphis Int'l Airport | TEMA |
| INJ034 | Traffic Accidents | Preliminary reports from first responders suggest the earthquake has created numerous traffic accidents throughout Memphis and Shelby County. Primary and secondary intersections are blocked by damaged automobiles, debris piles from collapsed structures, telephone / power lines, and fallen trees. This debris is limiting the ability of responders to conduct urban search and rescue operations. | A36 | Local First Responders | Shelby County EOC |

Unclassified



Blue Player Requirements

- What products will Blue Players need to execute their missions?
 - LOGSTAT / PERSTATs?
 - EMAC Req. A Forms?
 - State Mission Assignments?
 - Unit Situation Reports / Log Reports?
 - NOC national-level SITREPS?
 - HAZMAT modeling, maps?
 - Incident Commander Resource Requests (e.g. ICS 201 / 215)?
- Each J-Code should provide a template for the forms they will need to do their job and a POC to assist with developing pre-canned forms as needed

JOC Forms Breakout Session
POC: Catie Borklund



JMETs/TCs

- ✓ Does NG MT have standing JMETs or have JMETs been identified for exercises?
- ✓ Have JMETs been matched to training objectives?
- ✓ Have supporting tasks been identified?
- Have participating states identified JMETs?**
- Do Montana State and Local agencies have Target Capabilities identified for the exercise?



Scenario Review

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Exercise Scenario Overview

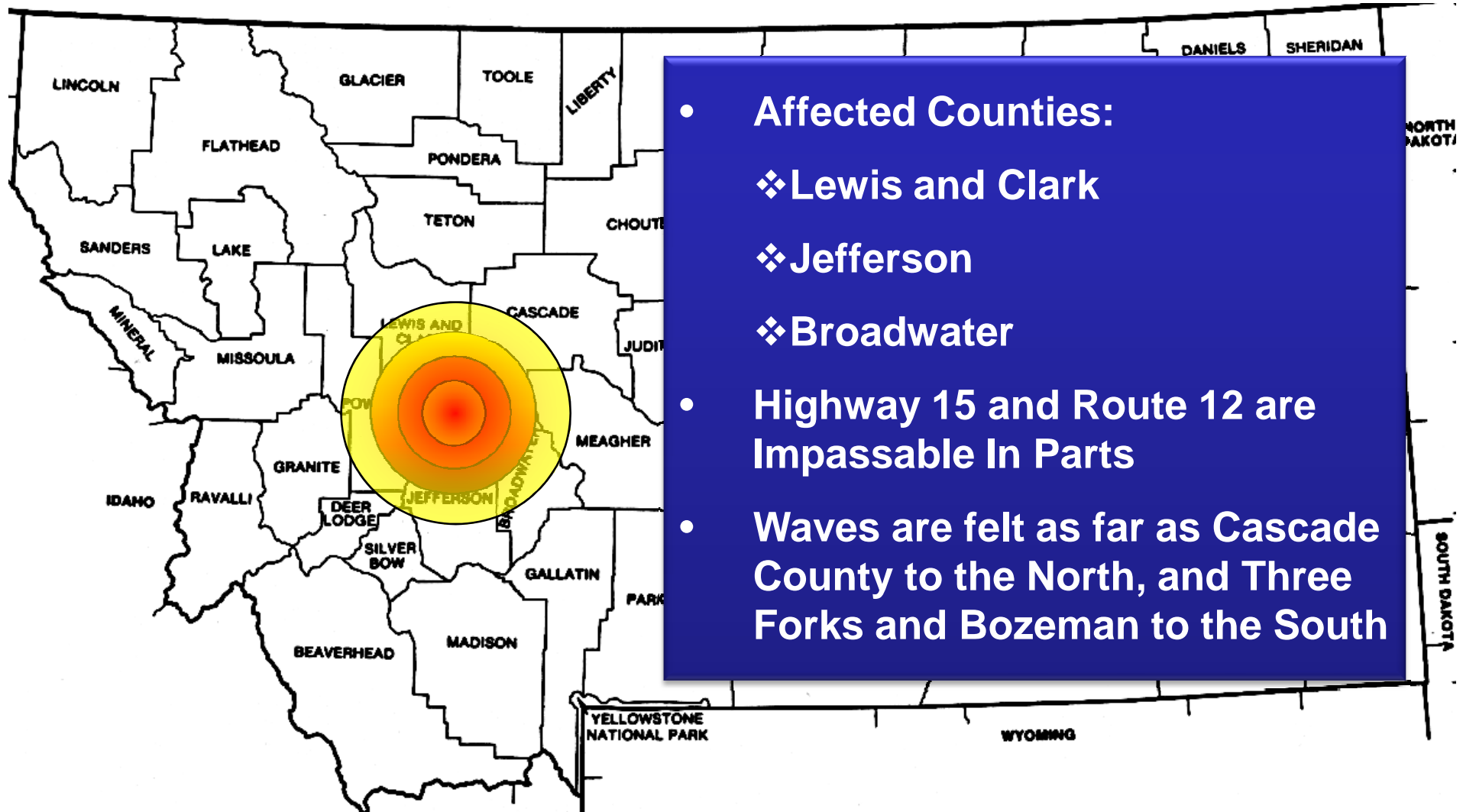


Scenario Overview

Initial damage estimates from **earthquake** Northeast of Helena suggest loss of life and destruction of property in Lewis and Clark, Jefferson, and Broadwater Counties. Critical infrastructure including roads, rails, power grids, water, sewage, and gas lines have all been significantly disrupted. Hazardous material incidents are also being reported. Hundreds of victims require medical treatment.



Exercise Scenario Overview





Response Challenges

- **Transportation Infrastructure Degraded:**
 - Destroyed, damaged or blocked
- **Medical Facilities:**
 - Damaged or isolated with staff, power and water shortages; trauma facilities overwhelmed
 - St. Peter's Hospital damaged
- **Medical Requirements:**
 - 2000 need medical aid, up to 400 require hospitalization
 - Approximately 60 life threatening injuries and over 100 deaths
- **Collapsed Buildings:**
 - Thousands trapped
 - Area fires and flooding complicate response
- **Debris:**
 - Estimated .25 million tons of debris
 - Abandoned/damaged vehicles on primary and secondary roads.





Response Challenges

- **Temporary Shelters & Emergency Relief:**
 - Over 3000 homes displaced; 1000 require temporary sheltering
- **Flooding:**
 - Broken water mains flood streets causing evacuations; Dams sustain damage and threaten additional flooding
- **Utilities:**
 - Communications, power, water, and sanitation services are unavailable in large service areas.
 - 10K without water and 16K without electricity
 - Ruptured gas lines lead to multiple fires
- **HAZMAT Events:**
 - HAZMAT challenges on roads, rail, waterways and at damaged businesses.
 - Montana Rail Link reports train derailment; ConocoPhillips reports pipeline rupture, oil spill.
- **Relief Supply Management:**
 - Food and water inventories depleted. Re-supply hampered by transportation infrastructure damage





Earthquake Scenario Overview

Critical Infrastructure Damaged

- Roads
- Bridges
- Helena Government Buildings
- Military Installations
- Water Plants
- Generating Plants
- Industrial Complexes
- Correctional Institutions
- Numerous hospitals, schools, businesses
- Dams
- Utility Breaks, Power Outages

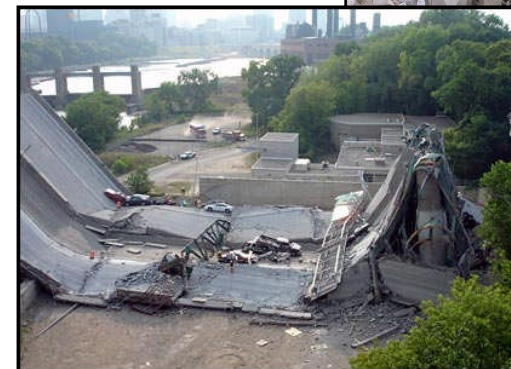




Emerging Scenario Details

- Building Collapse at Carroll College
- Train Derails
- Fires at multiple sites (One for FTX, plus various for notional forces)
- Building Collapses (Rubble Pile)
- Deaths and Injuries exceeding medical care capabilities
- HAZMAT Incidents
- Williams Street Bridge Closure

***Full Scenario Document is Available for Review During Breakout Sessions**





Scenario: HAZUS Estimates

Estimated Building Damage by Occupancy

| | None | Moderate | Extensive | Complete |
|--------------------|--------|----------|-----------|----------|
| Commercial | 76 | 39 | 26 | 19 |
| Government | 19 | 14 | 8 | 4 |
| Industrial | 3 | 1 | 1 | 1 |
| Multi- Residential | 1,584 | 1,157 | 662 | 474 |
| SF Residential | 10,016 | 2504 | 601 | 501 |
| TOTAL | | 3715 | 1298 | 999 |

Estimated Utility Pipeline Damage

| | Leaks | Breaks |
|---------------|-------|--------|
| Potable Water | 262 | 193 |
| Waste Water | 172 | 132 |
| Natural Gas | 137 | 85 |



Scenario: Infrastructure Damage

Estimated Damage to Transportation

| | Moderate | Complete | >50% Function/Day 1 |
|----------|-----------|----------|---------------------|
| Highways | 3* | 0 | 2 |
| Bridges | 34 | 9 | 118 of 161 |

Estimated Fire Ignitions and Debris Generated

| | | | |
|------------------|--------------------------|--|----------------------|
| Post EQ Fires | 47 Ignitions | 1.26 Sq. Mi. Burned of Helena 14 sq/mi total—9% | 821 Displaced |
| Debris Generated | 0.45 Million tons | 18,000 Truck Loads @ 25 tons/truck | |

Estimated Households Without Service

| | Day 1 | Day 3 | Day 30 | Day 90 |
|-------------------|--------------|-------------|-------------|----------|
| No Potable Water | 9584 | 6846 | 2738 | 0 |
| No Electric Power | 16430 | 5477 | 0 | 0 |



Scenario: Care and Shelter Demand

Estimated Shelter Demand

| | Total | Estimated Displaced Households | Estimated Persons Seeking Shelter |
|------------|---------------|--------------------------------|-----------------------------------|
| Households | 22,850 | 3,254 | |
| Population | 55,716 | | 963 |

Estimated Casualties

| | Injured | Requiring Hospitalization | Critical Care Hospitalization | Fatalities |
|---------|-------------|---------------------------|-------------------------------|------------|
| 2:00 PM | 2191 | 394 | 61 | 110 |



Scenario: *Estimated Financial Impact*

| | |
|-----------------------------|----------------|
| Income Losses | 94.02 |
| Building Damage | 685.95 |
| Total Building Related Loss | 939.97 |
| TOTAL ECONOMIC LOSS | 1036.71 |

(Millions of Dollars)



FTX Discussion

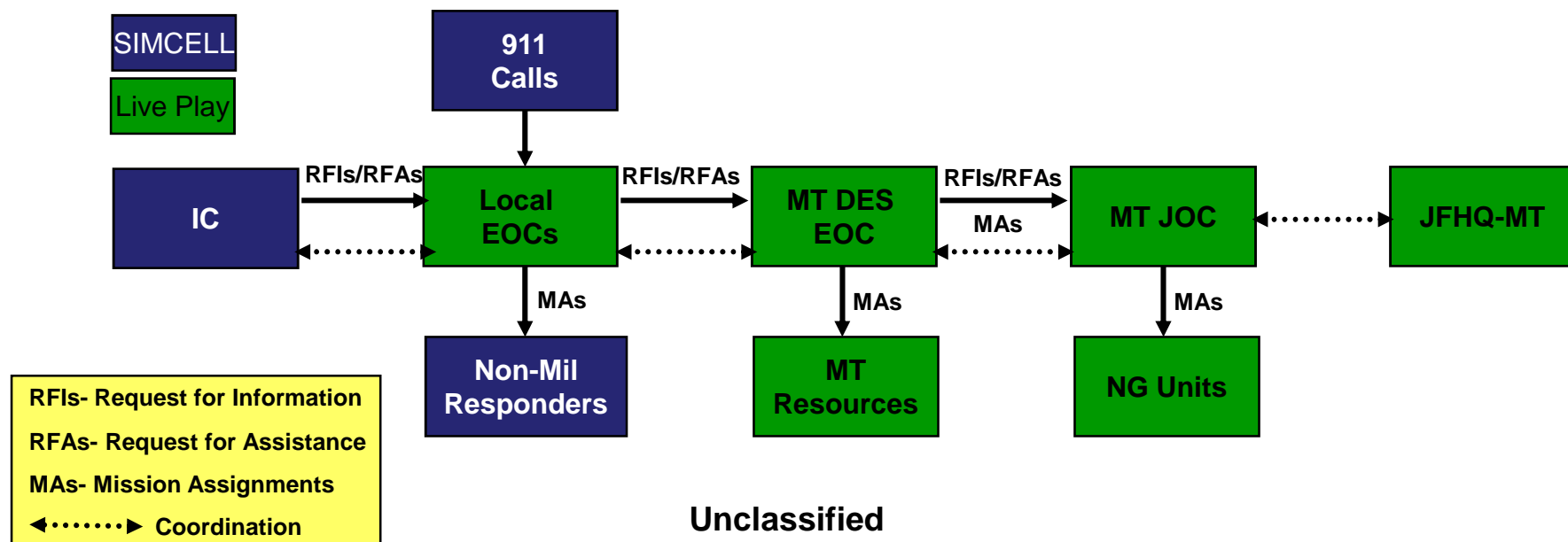
**VIGILANT
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Field Training Exercise

Information Flow

- Incident Commander (IC) sends RFI/RFA to County/City EOCs to meet incident command needs.
- Local EOC send RFIs/RFAs to MT DES EOC for needs that cannot be met by municipality non-military resources.
- If DES believes the MT National Guard (NG) can fill a capability need then DES sends the mission request to the MT Joint Operation Center (JOC).





Field Training Exercise

FTX Injects

- Controllers and Incident Commanders (IC) at the field training exercise will have situational injects that may be introduced.
- All situational injects will be introduced by the IC after consulting with the On-Site Lead Controller and the Exercise Control Cell.
- Situational injects are designed to enhance training efforts, NOT disrupt them.

Unclassified



FTX Venue Overview

| Venue | Location | Focus |
|----------------------|----------------|---|
| St. Peter's Hospital | Helena | Internal TTX, Surge, Security |
| St. James Hospital | Silver Bow | Internal Exercise, Simulate MedEVAC |
| Carroll College | Helena | Mass Casualty Site, TTX, Security, CERT |
| VA Hospital | Ft Harrison | Medical Support, EMEDS |
| Rail Site | TBD | HAZMAT, CST, CERFP |
| Rubble Pile | Helena Airport | US&R, S&E, HAZMAT, Medical, CERFP |
| Burn Building Site | Helena Airport | Fire Training, Possible HAZMAT |
| Security Venues | Helena Airport | NG Unit Training |
| Pipeline Rupture | CONOCO/Philips | Assessment, Spill Containment, CST |
| School Sites | East Helena | Parents Pick Up Students (No NG) |
| JRSOI Site | Ft Harrison | National Guard JRSOI |
| Additional Venues | TBD | HAZMAT, others as needed |



FTX Venue Details

Venue: St. Peter's Hospital

Location: 2475 E Broadway St, Helena, MT

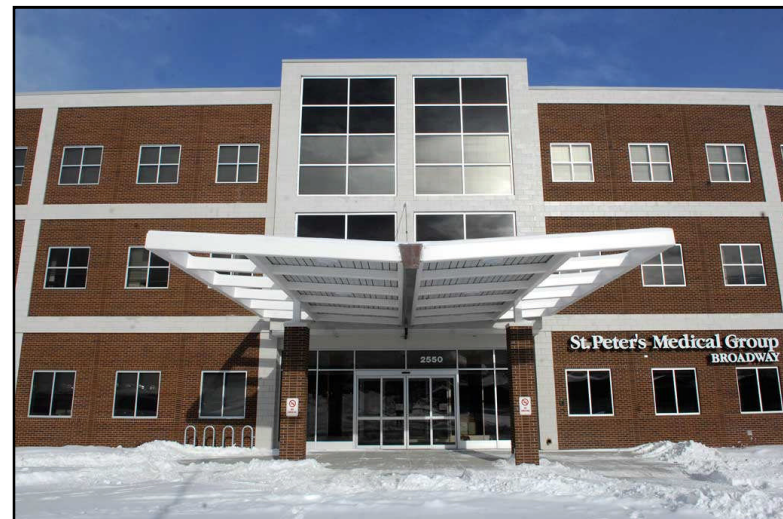
Exercise Dates: **TBD**

Description: Resulting from the earthquake, St. Peter's begins to experience excessive patient load. 4-6 hours into the event, 80-100 victims overwhelm hospital staff, requiring the hospital to activate surge capacity plans, control building access, send patients to other hospitals, and request additional medical assets from the county.

Venue Activities:

- ❖ Internal TTX
- ❖ Secure facility and control access

POC: Don Wells





FTX Venue Details

Venue: St. James Hospital

Location: 400 S Clark St, Butte, MT

Exercise Dates: **TBD**

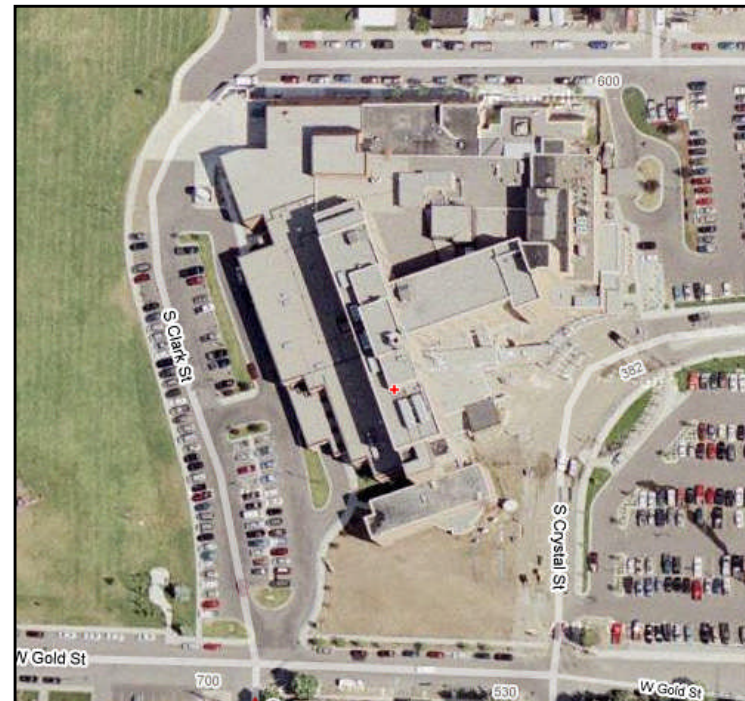
Description: St. James receives overflow patients from St. Peter's hospital. Other scenario details TBD.

Venue Activities:

- ❖ Internal TTX / Drills
- ❖ Simulated MEDEVAC from St. Peter's Hospital
- ❖ Other Activities TBD

POC: Robin Foley

Robin.foley@sjh-mt.org





FTX Venue Details

Venue: Carroll College

Location: 1601 N. Benton Ave, Helena, MT

Exercise Dates: **TBD**

Description: A building collapses on the campus of Carroll College, resulting in a mass casualty event. 200-300 injuries occur, with some deaths.

Venue Activities:

- ❖ Civilian Mass Casualty Drill
- ❖ Internal Leadership TTX
- ❖ Interoperability Challenges
- ❖ Limited Law Enforcement Scenarios for securing the scene

POC: Butch Biskupi 406-594-4570

bbiskupi@carroll.edu





FTX Venue Details

Venue: Veterans Administration (VA) Hospital

Location: 1892 Williams Street, Fort Harrison, MT

Exercise Dates: **TBD**

Description: Civilian medical care facilities such as St. Peter's hospital are overwhelmed with earthquake victims. The VA hospital begins treatment of overflow victims, and requested military medical assets set up nearby.

Venue Activities:

- ❖ VA Activities **TBD**
- ❖ EMEDS (KS) equipment is set up on site
- ❖ MT ANG and MT ARNG medical staff (40 PAX) fall in on EMEDS equipment

POC: Carl Crouse

carl.crouse@va.gov





FTX Venue Details

Venue: Rail Site

Location: TBD by Montana Rail Link; Likely Jefferson County

Exercise Dates:

Description: A train carrying hazardous materials is derailed during the earthquake, causing a serious chemical spill. Assistance is required to identify and contain the HAZMAT situation and to treat affected rail workers.

Venue Activities:

- ❖ HAZMAT / First Responders
- ❖ CST
- ❖ CERFP Medical and Extraction

POC:

Mike Guilding (MT Rail Link)

406-447-2303





FTX Venue Details

Venue: Rubble Pile

Location: Helena Airport, 2850 Skyway Dr, Helena, MT

Exercise Dates: 15-17 September

Description: A rubble pile will be constructed on site, providing a venue for multiple units to drill on their relevant disciplines using various scenarios over the course of the exercise. Some scenarios will involve HAZMATs so responders can train on operating in a contaminated environment.

Venue Activities:

- ❖ HAZMAT / First Responders / Rural Fire
- ❖ CSTs
- ❖ Medical (EMS and CERFP)
- ❖ USAR / Search and Extraction
- ❖ Security

POC: LtCol Sencindiver (NGB)





FTX Venue Details

Venue: Burned Building Site

Location: Helena Airport, 2850 Skyway Dr, Helena, MT

Exercise Dates: **15-17 September**

Description: NG and civilian firefighters will work side by side to extinguish a fire in this training aid. Rural Fire departments will be actively involved.

Venue Activities:

- ❖ Fire Response
- ❖ Integration of National Guard into Incident Command
- ❖ Burned building training



POC: Bob Drake



FTX Venue Details

Venue: Security Venues

Location: Helena Airport, 2850 Skyway Dr, Helena, MT plus Various, TBD

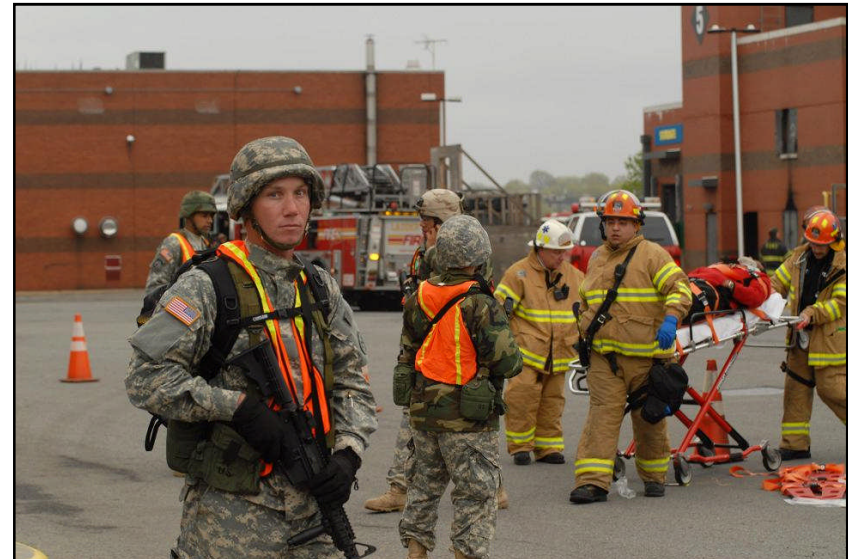
Exercise Dates: **TBD**

Description: A rubble pile will be constructed on site, providing a venue for multiple units to drill on their relevant disciplines using various scenarios over the course of the exercise. Some scenarios will involve HAZMATs so responders can train on operating in a contaminated environment.

Venue Activities:

- ❖ HAZMAT / First Responders / Rural Fire
- ❖ CSTs
- ❖ Medical (EMS and CERFP)
- ❖ USAR / Search and Extraction
- ❖ Security

POC: Sherriff Leo Dutton, Others TBD





FTX Venue Details

Venue: Pipeline Rupture

Location: Prickly Pear Creek at Canyon Ferry Rd

Exercise Dates: **TBD**

Description: A gas pipeline has been ruptured. CONOCO/Philips responds and requests assistance for assessment and HAZMAT containment. Scenario includes 157,000 gallons of diesel fuel.

Venue Activities:

- ❖ Hazard / Spill Assessment
- ❖ Oil/HAZMAT Containment and Mitigation

POC: Clint Looby





FTX Venue Details

Venue: School Drills

Location: Radley School, 226 Clinton St, East Helena; Eastgate School and East Valley Middle School, 4010 Gradestake, East Helena

Exercise Dates: **TBD**

Description: Parents will be asked to retrieve students following an earthquake drill.

Venue Activities:

- ❖ Parental Notification
- ❖ Student Accountability
- ❖ Limited Law Enforcement Support
- ❖ ****NO NG Needed****



POC: _____



FTX Venue Details

Venue: JRSOI

Location: Fort Harrison, MT

Exercise Dates: 14-18 September

Description: MT NG will receive incoming forces from participating states' National Guards. For exercise purposes, JRSOI will be held at Fort Harrison, though in a real emergency the JRSOI site would be outside of the affected area.

Venue Activities:

- ❖ Inbriefs
- ❖ JAG / PAO Briefs
- ❖ Mission Assignments
- ❖ Force Tracking
- ❖ Reverse JRSOI (17-18)

POC:J1 LTC Robinson





FTX Venue Details

Venue: Additional CST Sites

Location: **Various, TBD**

Exercise Dates: **TBD**

Description: CST Sites will be created as necessary to meet all participating states' CST training objectives.

Venue Activities:

- ❖ HAZMAT / First Responders / Rural Fire
- ❖ CST Entry, Characterization, Decon
- ❖ Security

POC: LtCol Sencindiver (NGB)

Carlos Brown, Ray Ippolito (NGB)





Issues Requiring Resolution

- What billeting, catering, and personal care issues remain unresolved?
- Comms resources for incoming units?
- Has the safety officer for the FTX venues been identified?
- Are real-world medical requirements for FTX venues finalized?
- Role player requirements for EMEDS?
- Role player requirements for CSTs and First Responders (if needed)?

All Units must provide their role player / victim needs to CMSgt Mahoney during the Breakout Session.



TTX Design

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Regional Tabletop Exercise (R-TTX)

General Information

- **Date:** 1 August, 0900-1500
- **Location:** HAFRC Auditorium, Fort Harrison, Helena, MT
- **Audience:**
- **Objective:** Address key *operational* challenges associated with an earthquake response; identify and develop viable solutions to meet these challenges.

All organizations participating in the CPX / FTX are encouraged to send representatives to the R-TTX. The R-TTX will be facilitated by the Vigilant Guard Team.

Unclassified



Regional Tabletop Exercise (R-TTX)

Proposed R-TTX Agenda

- **Introduction / Welcome (MTNG Senior Leadership)**
- **Scenario Overview (ANSER)**
- **Discussion Topics (ANSER)**
- **Identify Key Findings**

The Vigilant Guard Team will facilitate the R-TTX, collect notes, and produce a Quick Look document.

Unclassified



Regional TTX

- Participants:
 - JFHQ-ST J-Staff
 - Unit Commanders
 - Local Emergency Managers
 - State Emergency Managers
 - FEMA Reps
 - Other Participating Organizations
- Suggested Topics:
 - Response Capabilities
 - COP Tools
 - Public Affairs
 - EMAC & JRSOI
 - Crisis Action Planning
 - Communications
 - Process Discussion (PROFLOW)





Suggested R-TTX Topics

- Notification and Activation Protocols
- Resource Requests and Mission Assignment
 - *National Guard*
 - *EMAC*
- Information Sharing / Common Operational Picture
- Process Discussion (PROFLOW)
 - NIMS Implementation
 - On-Site Management of External Resources

**Note: A separate JRSOI Exercise will be held outside of R-TTX*





Leadership Tabletop Exercise (L-TTX)

General Information

- **Date:** 3 August 0800-1300
- **Location:** HAFRC Auditorium, Fort Harrison, Helena, MT
- **Audience:**
- **Objective:** Address key *strategic* challenges associated with an earthquake response; identify and propose viable solutions to meet these challenges.

The Vigilant Guard Team will facilitate discussions with senior leadership, take notes and produce a Quick Look document.

Unclassified



Leadership Tabletop Exercise (L-TTX)

Proposed L-TTX Agenda

- **Introduction / Welcome (MTNG Senior Leadership)**
- **Scenario Overview**
- **Round-Table Discussion (Facilitated by the Vigilant Guard Team)**
- **Identify Key Findings**

All participants – stop by the TTX Station during the Breakout Session to ensure your agency's Representative and Address are correct.



Leadership TTX

- Participants:
 - Governor / Lieutenant Governor
 - TAG / ATAG
 - City / County EMA Directors, Mayors
 - FEMA Region Director
 - State DHS Directors
 - JFHQ / JTF Cdrs / Chiefs of Staff
 - Federal Civilian and Military Agencies
- Topics:
 - Command and Control
 - Title 32 / Title 10
 - Public Affairs
 - Local, Regional and Federal Resources
 - Leadership Roles and Responsibilities
 - MOUs / MOAs for Regional Cooperation
 - Long-Term Recovery





Suggested L-TTX Topics

- Leadership Roles and Responsibilities
 - *Command and Control*
- Managing Incoming Resources
 - *Title 32 / Title 10*
 - *Local, Regional and Federal Resources*
 - *MOUs / MOAs for Regional Cooperation*
- Risk Communication and Public Affairs
- Long-Term Recovery





Breakout Sessions

| Group | Lead | Attendees |
|----------------------------|----------------|----------------------|
| JRSOI | COL Robinson | All Units / States |
| CERFP/CST | NGB J3 | CSTs, CERFPs |
| Synch Matrix | LTC Cook | All Units / States |
| Medical | 1Lt Bringard | EMEDS, Hospitals, VA |
| JOC / JFHQ Forms | Catie Borklund | MT J-Staff, WYNG JTF |
| TTX Invites (Station) | Ron McGonigle | ALL |
| General Due-Outs (Station) | CMSgt Mahoney | ALL |





Way Ahead

Breakout Session Backbriefs

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Way Ahead

Next Steps

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Required Tasks - Early

| Task | OPR | Status |
|--|---------|--------|
| Appoint VG Project Officer(s) | State | Green |
| Develop Exercise Design Team | State | Green |
| Develop Meeting Agendas and Briefings | VG Team | Green |
| Identify & Coordinate Meeting Locations | State | Green |
| Coordinate Attendance of State Military and Civil Agencies | State | Green |
| Coordinate with Federal Partners (e.g. N-NC, ARNORTH) | VG Team | Yellow |
| Coordinate with Regional FEMA office for participation | State | Yellow |
| Meeting Facilitation and Information Capture | VG Team | Green |
| Develop State Civilian and Military Objectives | State | Green |
| Develop Exercise Letters of Instruction (LOI) | State | Yellow |
| CPX Scenario Development | VG Team | Yellow |



Required Tasks – FTX Planning

| Task | OPR | |
|---|----------|--|
| Identify and Coordinate FTX Locations, Activities | State | |
| Aid Development of FTX Events | VG Team | |
| Provide White Player SMEs for FTX Development | State | |
| Apply for Permits and Obtain State / Local Approval as needed | State | |
| Design & Control of FTX venues for Qualification / Certification | NGB J3/7 | |
| Coordinate with Sub-contractors for rubble pile, role-player victims, moulage etc | NGB J3/7 | |
| Identify Materiel Required for Field Training Exercise Lanes | NGB J3/7 | |
| Integrate FTX activities into CPX documents and processes | VG Team | |



Required Tasks – TTX Planning

| Task | OPR | Status |
|--|---------|--------|
| Design & Moderate TTX Events | VG Team | Yellow |
| Identify or Provide Locations for TTXs | State | Green |
| Provide video and audio IT equipment for TTXs | State | Yellow |
| Develop Invitation and Invitee List Templates for TTXs | VG Team | Yellow |
| Approve Invitations and Finalize Invitee List for TTXs | State | Yellow |
| Send out TTX Invitations | State | Yellow |
| Provide TTX Participant Guides | VG Team | Red |
| Provide Coffee / Refreshments | State | Red |
| Lead Regional and Leadership Tabletop Exercise Discussions | VG Team | Red |



Required Tasks – CPX Preparation

| Task | OPR | Status |
|--|---------|--------|
| Develop Master Schedule of Events Listing (MSEL) | VG Team | Yellow |
| Develop Exercise Events Synchronization Matrix | VG Team | Yellow |
| Develop and Distribute Exercise and Data Collection Plans | VG Team | Yellow |
| Provide Venue Safety Officers | State | Red |
| Provide Shelter, Billeting, Messing for Out-of-State Players | State | Yellow |
| Arrange Communications & Audio Visual Support | State | Red |
| Provide Facilities for Exercise Control & Simulation Cell | State | Yellow |
| Provide Staffing for Simulation Cell | State | Red |
| Provide Security for Exercise Venues | State | Red |



Required Tasks – Exercise Conduct

| Task | OPR | Status |
|--|---------|--------|
| Support Control of FTX venues | State | |
| Staff Exercise Control Cell & SIMCELL | ALL | |
| Provide Controllers / Data Collectors at CPX Locations | ALL | |
| Provide FTX Data Collectors to observe NG / Civ ICS activities | VG Team | |
| Conduct Data Collection for local and state AAR/IP | State | |
| Conduct Internal Venue Hotwashes | State | |
| Facilitate / Moderate After Action Reviews | VG Team | |
| Verify Completion of Training Objectives | State | |
| Attend and Participate in all After Action Reviews | State | |
| Provide All Exercise-Generated Materials to NGB Team | ALL | |
| Produce After Action Report focused on State/Local objectives | State | |
| Produce After Action Report focused on NG objectives | VG Team | |



Way Ahead

Suggested Next Steps:

- ✓ Attend 9 June MSEL Conference, Script MSEL
- ✓ Coordinate TTX Invitations, Attend R-TTX, L-TTX where applicable
- ✓ Finalize participation timelines, logistics
- ✓ Work with county / state personnel to arrange FTX Venues, Rubble Pile permits and approvals
- ✓ Develop Synch Matrix for FTX Venues and Rubble Pile
- ✓ Work with NGB / J716 to obtain funding
 - ✓ Let Contract for Moulage, Rubble Pile
- ✓ Train staff on OPLANs, SOPs, responsibilities
 - ✓ JOC 101, Exportable Exercise Packages (EEPs)
- ✓ ***Final Planning Conference, 2 August***



VG Region VIII+ Timeline

- Civilian MSEL Conference (MPC), **9 June 09**
- Final Planning Conference (FPC) & TTX, **31 Jul - 3 Aug 09**
- Vigilant Guard CPX/ FTX, **15-17 Sep 09**

Begin Biweekly IPRs with Exercise Design Team, Trusted Agents

Suggested first Teleconference: June 5

Suggested second Teleconference: June 29

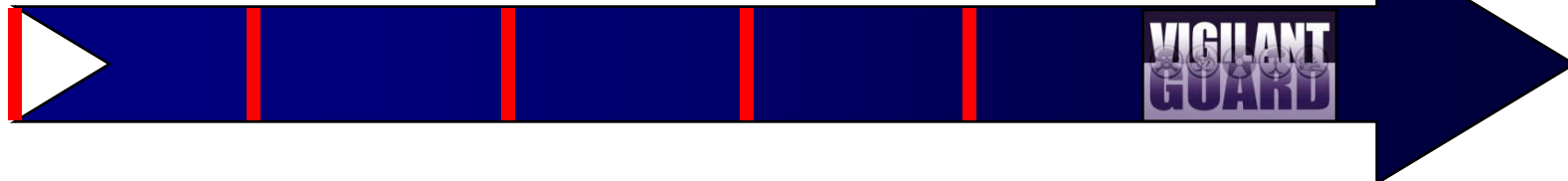
PRE-CDC
D-360

CDC
D-240

IPC
D-180

MPC
D-120

FPC
D-45





Conclusion

MTNG Comments?

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Conclusion

QUESTIONS?

**VIGILANT
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