Cascadia Rising 2022

In Progress Review #2
Washington State
March 17, 2022

Virtual: Microsoft Teams
Administrative Remarks

- Microphones – Mute When Not Speaking
- Video - Enable When Speaking If Comfortable
- You may turn on live captioning by accessing the More Actions (…) Menu
- Cell phone etiquette (Please avoid Speakerphone and Background Noise)
## Acronyms and Abbreviations

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&amp;E</td>
<td>Assessment and Exercise Team</td>
</tr>
<tr>
<td>AAM</td>
<td>After Action Meeting</td>
</tr>
<tr>
<td>AAR</td>
<td>After Action Report</td>
</tr>
<tr>
<td>CC</td>
<td>Closed Captioning</td>
</tr>
<tr>
<td>CIA</td>
<td>Catastrophic Incident Annex</td>
</tr>
<tr>
<td>CPOD</td>
<td>Community Point(s) of Distribution</td>
</tr>
<tr>
<td>CR16</td>
<td>Cascadia Rising 2016 (exercise title)</td>
</tr>
<tr>
<td>CR22</td>
<td>Cascadia Rising 2022 (exercise title)</td>
</tr>
<tr>
<td>CSZ</td>
<td>Cascadia Subduction Zone</td>
</tr>
<tr>
<td>CT</td>
<td>Critical Transportation</td>
</tr>
<tr>
<td>DSHS</td>
<td>Washington State Department of Social and Health Services</td>
</tr>
<tr>
<td>EHS</td>
<td>Extremely Hazardous Substances</td>
</tr>
<tr>
<td>EM</td>
<td>Emergency Management / Manager</td>
</tr>
<tr>
<td>EMD</td>
<td>Emergency Management Division</td>
</tr>
<tr>
<td>EOC</td>
<td>Emergency Operations Center</td>
</tr>
<tr>
<td>ET22</td>
<td>Evergreen Tremor 2022 (exercise title)</td>
</tr>
<tr>
<td>FEMA</td>
<td>Federal Emergency Management Agency</td>
</tr>
<tr>
<td>FPM</td>
<td>Final Planning Meeting</td>
</tr>
<tr>
<td>HLS</td>
<td>Homeland Security [Region]</td>
</tr>
<tr>
<td>H+0-96</td>
<td>Incident occurrence (time) plus 0 to 96 hours</td>
</tr>
<tr>
<td>I-5</td>
<td>Interstate Five</td>
</tr>
<tr>
<td>IPR</td>
<td>In Progress Review</td>
</tr>
<tr>
<td>LJ</td>
<td>Local Jurisdiction</td>
</tr>
<tr>
<td>MCS</td>
<td>Mass Care Services</td>
</tr>
<tr>
<td>MPM</td>
<td>Mid-term Planning Meeting</td>
</tr>
<tr>
<td>MS</td>
<td>Microsoft</td>
</tr>
<tr>
<td>QR</td>
<td>Quick Response Code</td>
</tr>
<tr>
<td>SDOT</td>
<td>Seattle Department of Transportation</td>
</tr>
<tr>
<td>SimCell</td>
<td>Simulation Cell</td>
</tr>
<tr>
<td>SITMAN</td>
<td>Situation Manual</td>
</tr>
<tr>
<td>SME</td>
<td>Subject Matter Expert</td>
</tr>
<tr>
<td>TTX</td>
<td>Tabletop Exercise</td>
</tr>
<tr>
<td>VAL</td>
<td>Voluntary Agency Liaison</td>
</tr>
<tr>
<td>VOAD</td>
<td>Volunteer Organization(s) Active in Disaster</td>
</tr>
<tr>
<td>WASILC</td>
<td>Washington State Independent Living Council</td>
</tr>
<tr>
<td>WA EMD</td>
<td>Washington Emergency Management Division</td>
</tr>
<tr>
<td>WG</td>
<td>Workgroup</td>
</tr>
<tr>
<td>WMD</td>
<td>Washington Military Department</td>
</tr>
<tr>
<td>WSDOT</td>
<td>Washington State Department of Transportation</td>
</tr>
<tr>
<td>WSV</td>
<td>Warm Start Video</td>
</tr>
<tr>
<td>XPA</td>
<td>Extent of Play Agreement</td>
</tr>
</tbody>
</table>
Trusted Agents

- The individuals on the Exercise Planning Team(s) who are trusted not to reveal exercise and scenario details to players or third parties before exercise conduct.

- Develop pre-exercise materials, conduct exercise briefings, and support.

- Information in this document is intended for the exclusive use of the exercise planners and is not to be released to the public or other personnel who do not have a valid need-to-know without prior approval from an authorized sponsor organization representative.

- This document is not releasable to any public website.
Agenda

- Exercise Framework
- Exercise Scope
- Core Capability Tabletop Exercises
- Core Capability TTX Focused Discussion
- Milestones
- Additional CR22 Exercises
- FEMA Region 10 National Level Exercise Update
- Closing and Final Questions
Exercise Framework

- **Exercise Purpose**
  Define essential elements of information necessary for incident stabilization; identify and prioritize state and local Critical Transportation routes and Mass Care services and functions; and assess state, tribal, and local abilities to fill capability gaps following a catastrophic incident.

- **Framework**
  Build upon CR16 by conducting Discussion-Based exercises while providing unity of effort across CR22 initiatives; including vertical integration between local, state, tribal, and federal partners:
  - Critical Transportation efforts are focused around ground transportation routes
  - Mass Care Services efforts are focused around assessing Shelter, Water, and Food
<table>
<thead>
<tr>
<th>Core Capabilities</th>
<th>Definition</th>
<th>Core Capability Targets</th>
</tr>
</thead>
</table>
| Critical Transportation    | Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including the evacuation of people and animals and the delivery of vital response personnel, equipment, and services into the affected areas. | 1. Establish physical access through appropriate transportation corridors and deliver required resources to save lives and to meet the needs of disaster survivors.  
2. Ensure basic human needs are met, stabilize the incident, transition into recovery for an affected area, and restore basic services and community functionality.  
3. Clear debris from any route type (i.e., road, rail, airfield, port facility, waterway) to facilitate response operations. |
| Mass Care Services         | Provide life-sustaining and human services to the affected population, to include hydration, feeding, sheltering, temporary housing, evacuee support, reunification, and distribution of emergency supplies. | 1. Move and deliver resources and capabilities to meet the needs of disaster survivors, including individuals with access and functional needs.  
2. Establish, staff, and equip emergency shelters and other temporary housing options (including accessible housing) for the affected population.  
3. Move from congregate care to non-congregate care alternatives and provide relocation assistance or interim housing solutions for families unable to return to their pre-disaster homes. |
Participants

Extent of Play Agreements on File for CR22 (118 Total)

- City: 30
- County: 22
- Tribe: 24
- State Agency: 6
- Federal: 31
- Other: 5

Legend:
- Participating in Discussion-Based TTX(s)
- Participating in Discussion and Ops.-Based exercises
- Participating in Discussion Based – Supporting LJ(s) Ops.-Based
- No XPA or Not Participating
CR22 Week of Play (Discussion-Based)

Day 1
Critical Transportation TTX
(6 Hours)

Day 2
CT – MCS Crossover Event
(1.5 Hours)

Day 3
Mass Care Services TTX
(8 Hours)

Day 4
Hotwash Events
(5 Hours)
Warm Start (H+0-96) Concept

Warm Start Products:

- **Opening session Warm Start Video (WSV) presentation:**
  - <10 min video presentation before each TTX.

- **TTX core capability specific briefs (H+0-96):**
  - Short presentations focusing on Critical Transportation and Mass Care Services during their in-briefs.

- **TTX core capability and geographically aligned scenario placemats:**
  - Three-page warm start scenario placemats to support focused discussion within each core capability focusing on the breakout room(s) geographically aligned area.
  - At the beginning of each module additional scenario and assumption information will be provided.
Warm Start Products: Warm Start Video

Peter Chang, WMD, External Affairs
Deborah Witmer, City of Seattle, Scenario & Planning Co-Lead
Warm Start Products: Warm Start Video

- Initial introduction (Scene setting) is nearly complete
- Topics and themes have been refined and submitted
- Scripting of interviews and other content is ongoing

WSV Introduction Preview
Warm Start Products: Regionally Aligned Placemats

- Six (6) placemat products have been completed
- Placemats have been developed to support each core capability and geographically aligned region
- Content within the placemats has been derived from ground truth documents, studies and analysis, and player’s Comprehensive Emergency Management Plans
## Warm Start Products: Impacts by Community Lifeline

<table>
<thead>
<tr>
<th>Safety and Security</th>
<th>Food, Water, Shelter</th>
<th>Health and Medical</th>
<th>Energy</th>
<th>Communications</th>
<th>Transportation</th>
<th>Hazardous Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Government services are overwhelmed after the earthquake</td>
<td>● Over 450,000 displaced survivors are in immediate need of short-term sheltering, and over a million people need feeding and hydration – including their pets.</td>
<td>● Over 10,000 survivors with varying degrees of injuries have attempted to access hospitals.</td>
<td>● After the earthquake, large regions of Washington experienced complete blackout.</td>
<td>● Up to 6 million people have lost access to standard communication services immediately after the earthquake.</td>
<td>● 5,655 miles of highway have sustained medium to high damage or are inaccessible requiring repair or clearance.</td>
<td>● Over 1,000 facilities in impacted areas of Washington and Oregon contain extremely hazardous substances (EHS).</td>
</tr>
<tr>
<td>● Impacts to all other lifelines hamper the ability for government to provide basic services, like firefighting and other life-saving services</td>
<td>● 100% of coastal and 89% of I-5 corridor potable water facilities have sustained medium to high damage.</td>
<td>● Most hospitals have suffered medium to high damage, which has resulted in the loss of hundreds of regular and critical beds.</td>
<td>● 100% of coastal and 78% of I-5 corridor electrical facilities have sustained medium to high damage.</td>
<td>● 67% of coastal and 21% of I-5 corridor are likely damaged beyond repair.</td>
<td>● 3,000 facilities in Washington have reportable quantities of less dangerous material.</td>
<td>● 100% of coastal and 88% of I-5 corridor wastewater facilities in Washington suffered medium to high damage.</td>
</tr>
</tbody>
</table>
TTX Breakout Room Organization

When conducting the Critical Transportation and Mass Care Services Tabletop Exercises (TTX), participants will be divided into breakout rooms by comparative geographical and planning factors. These geographically aligned regions provide distinct differences in capabilities, limitations, and concerns, which will help guide discussion and build regional partnerships.
Exercise Participation

Players
Players actively discuss or perform their regular roles and responsibilities during the exercise. Players discuss or initiate actions in response to the simulated emergency.

- Tribal, County, City Emergency Managers
- State Agency Representatives
- Private Sector Leads
- Volunteer Agencies Active in Disasters (VOADs)

Observers
Observers do not directly participate in the exercise. However, they may help develop player responses to the situation during the discussion by asking relevant questions or providing subject matter expertise.

- City and County Department Leads
- Support to players
- Able to raise hand and ask questions

Facilitators
Facilitators provide situation updates and moderate discussions. They also provide additional information or resolve questions as required. Key exercise planning team members also may assist with facilitation as subject matter experts (SMEs) during the exercise.

- Identified prior to the exercise
- Facilitate both plenary and break-out rooms
Day 1: Critical Transportation TTX

Dan Banks, WSDOT, Critical Transportation Co-Lead
Steve Aberle, ARRL, Critical Transportation Co-Lead
## Critical Transportation (CT) TTX Objectives

<table>
<thead>
<tr>
<th></th>
<th>Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Examine and assess the coordination of response phase transportation activities between state, tribal, and local transportation entities.</td>
</tr>
<tr>
<td>2</td>
<td>Discuss how initial damage assessments of transportation infrastructure will be coordinated across all impacted jurisdictions.</td>
</tr>
<tr>
<td>3</td>
<td>Assess and discuss the procedures for the coordination of prioritized critical transportation needs across all jurisdictions.</td>
</tr>
<tr>
<td>4</td>
<td>Discuss the elements needed as input to develop a plan for reopening the statewide transportation system.</td>
</tr>
</tbody>
</table>
# CT TTX Schedule

Critical Transportation Main Session (Monday, Jun 13, 0900 - Until Complete)

<table>
<thead>
<tr>
<th>Agenda Item:</th>
<th>Responsible:</th>
<th>Duration:</th>
<th>Time (PDT):</th>
</tr>
</thead>
<tbody>
<tr>
<td>H+0-96 Motivator Video</td>
<td>CR22 WSV WG, WMD External Affairs</td>
<td>10 Min</td>
<td>9:00 a.m. – 9:10 a.m.</td>
</tr>
<tr>
<td>Welcome and Administration</td>
<td>EMD Dir, FEMA Administrator, EMD Ex Tm</td>
<td>10 Min</td>
<td>9:10 a.m. – 9:20 a.m.</td>
</tr>
<tr>
<td>H+0-96 Brief Re-Cap (CT Lens)</td>
<td>CT and Design/Planning Workgroups</td>
<td>10 Min</td>
<td>9:20 a.m. – 9:30 a.m.</td>
</tr>
<tr>
<td>FEMA CSZ Plan Overview</td>
<td>FEMA Region 10: Senior CSZ Planner</td>
<td>10 Min</td>
<td>9:30 a.m. – 9:40 a.m.</td>
</tr>
<tr>
<td>Breakout room guidance</td>
<td>EMD A&amp;E</td>
<td>5 Min</td>
<td>9:40 a.m. – 9:45 a.m.</td>
</tr>
<tr>
<td>Breakout room Migration &amp; Rules</td>
<td>Facilitators</td>
<td>5 Min</td>
<td>9:45 a.m. – 9:50 a.m.</td>
</tr>
<tr>
<td><strong>BREAK</strong></td>
<td></td>
<td></td>
<td>9:50 a.m. – 10:00 a.m.</td>
</tr>
<tr>
<td>Breakout Sessions: Modules 1 and 2</td>
<td>Facilitators</td>
<td>2 Hours</td>
<td>10:00 a.m. – 10:50 a.m.</td>
</tr>
<tr>
<td>• HLS Regions 1, 5, 6</td>
<td></td>
<td></td>
<td>11:00 a.m. – 11:50 a.m.</td>
</tr>
<tr>
<td>• HLS Regions 2, 3, 4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• HLS Regions 7, 8, 9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lunch</strong></td>
<td></td>
<td>40 Min</td>
<td>11:50 a.m. – 12:30 p.m.</td>
</tr>
<tr>
<td>Plenary Sessions: Modules 3 and 4</td>
<td>Facilitators</td>
<td>2 Hours</td>
<td>12:30 p.m. – 1:20 p.m.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1:30 p.m. – 2:20 p.m.</td>
</tr>
<tr>
<td>Sharing of Participant Action Items (Mod. 5)</td>
<td>Facilitators</td>
<td>30 Min</td>
<td>2:30 p.m. – 3:00 p.m.</td>
</tr>
<tr>
<td>Closing session</td>
<td>CT and Design/Planning Workgroups</td>
<td>Until Complete</td>
<td>3:00 p.m. –</td>
</tr>
</tbody>
</table>
CT TTX Virtual Venue Concept

Virtual Venue:
- TTX will be held using MS Teams, with each breakout room in a separate MS Teams meeting.
- MS Team sessions will be published with the read ahead materials and by posting links in chat.
- Breakout Room Support: Moderator, Facilitator, Runner, Note Takers (2), and Tech. Support (1).
- The Runner will join the other breakout rooms during the migration to have access to their chat; enabling inter-communication between rooms.
CT TTX Breakout Room Facilitation

1: Coastal Region
- Facilitator: Lit Dudley, WSDOT
- Moderator: Mo Rabideau, WSDOT
- Runner: EMD staff
- Note Taker: EMD staff
- Note Taker: WSDOT staff
- EMD Plans: Nichol Benardo, WA EMD

2: I-5 Corridor
- Facilitator: Dan Banks, WSDOT
- Moderator: Steve Aberle, CT WG
- Runner: EMD staff
- Note Taker: EMD staff
- Note Taker: Patti Quirk, SDOT
- EMD Plans: Michael Roberson, WA EMD

3: East of the Cascades
- Facilitator: Sean Davis, Franklin County
- Moderator: WSDOT East EM (pending)
- Runner: EMD staff
- Note Taker: Jordan Hanes, Franklin County
- Note Taker: Jordan George, Benton County
- EMD Plans: Shane Moore, WA EMD
CT TTX Plenary Session Facilitation

Statewide Plenary Sessions

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facilitator</td>
<td>Dan Banks, WSDOT</td>
</tr>
<tr>
<td>Moderator</td>
<td>Lit Dudley, WSDOT</td>
</tr>
<tr>
<td>Runner</td>
<td>EMD staff</td>
</tr>
<tr>
<td>Note Taker 1</td>
<td>EMD staff</td>
</tr>
<tr>
<td>Note Taker 2</td>
<td>Jordan Hanes, Franklin County</td>
</tr>
<tr>
<td>EMD Plans</td>
<td>Michael Roberson, WA EMD</td>
</tr>
</tbody>
</table>
CT TTX Situation Manual:

- The SitMan has been built, but is still in the revision process
- Areas with ongoing work are Major Events, and Key Issues
  
  Material has been developed, but work is ongoing to articulate the themes and concepts to a broader audience and for addition to the Facilitator Guide

- The SitMan will be complete and distributed to Trusted Agents prior to the Final Planning Meeting
CT TTX Facilitator Guide:

- The Facilitator Guide shell has been built, but is still in the revision process.
- As additional material is refined within the SitMan, it will be entered into the Facilitator Guide.
- This document will be one of the last lines of effort to be completed and may have subtle revisions prior to execution.
Day 2: CT – MCS Crossover Event

WA EMD Planning and A&E Teams
CT Workgroup, Facilitators, and Support Staff
MCS Workgroup, Facilitators and Support Staff
CT and MCS Crossover Concept

**Critical Transportation**
- Evacuation
- Debris Removal
- Establishing Access
- Airspace Management
- Delivery of Response Assets
- Reentering Affected Area
- Transportation Safety & Condition Assessments

**Mass Care Services**
- Sheltering
- Ensuring Access
- Feeding
- Hydration
- Pets
- Resource Distribution
- Relocation Assistance
- Family Reunification

**Operational Coordination**

**Operational Communications**

**Logistics and Supply Chain Management**

**Situational Assessment**
## CT and MCS Crossover Concept

CT – MCS Cross-Over Main Session (Tuesday, Jun 14, 0900 - Until Complete)

<table>
<thead>
<tr>
<th>Agenda Item:</th>
<th>Responsible:</th>
<th>Duration:</th>
<th>Time (PDT):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome and Administration</td>
<td>EMD Exercise Team</td>
<td>10 Min</td>
<td>9:00 a.m. – 9:10 a.m.</td>
</tr>
<tr>
<td>Critical Transportation brief out on key lessons learned from the CT TTX</td>
<td>CT Workgroup / Facilitators</td>
<td>10 Min</td>
<td>9:10 a.m. – 9:20 a.m.</td>
</tr>
<tr>
<td>Facilitated discussion:</td>
<td></td>
<td>30 Min</td>
<td>9:20 a.m. – 9:50 a.m.</td>
</tr>
<tr>
<td>- Current Local Jurisdiction priority route identification</td>
<td>WA EMD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Current depiction of Shelter/CPOD(s) vs. Priority Routes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Discuss concerns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Planning challenges</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Core Capability and Functional Area Linkages</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCS Questions / Comments / Concerns</td>
<td>MCS Workgroup / Facilitators</td>
<td>10 Min</td>
<td>9:50 a.m. – 10:00 a.m.</td>
</tr>
<tr>
<td>Closing session</td>
<td>EMD Facilitated</td>
<td>Until Complete</td>
<td>10:00 a.m. –</td>
</tr>
</tbody>
</table>
Crossover Event Products:

CT Out Brief
- The CT out brief will be compiled after the CT TTX
- This will be a “just in time” product

Planning Brief
- EMD’s Planning Team is nearing completion of the Catastrophic Incident Annex (CIA)
- Once the CIA is complete, they will develop their portion of the crossover event based on the CIA and other ongoing efforts
Day 3: Mass Care Services TTX Focused Discussion

Damaris Deschner, WA EMD, Mass Care Services Co-Lead
Sarah Nuss, City of Spokane, Mass Care Services Co-Lead
Janeen Olson, City of Redmond, Mass Care Services Co-Lead
Lisa Arellano, Salvation Army, Mass Care Services Co-Lead
# Mass Care Services (MCS) TTX Objectives

<table>
<thead>
<tr>
<th></th>
<th>Temporary Shelter(s) objective(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>a. Assess the shelter needs of the community.</td>
</tr>
<tr>
<td></td>
<td>b. Describe organized community sheltering strategies and operations.</td>
</tr>
<tr>
<td></td>
<td>c. Describe how to effectively coordinate temporary sheltering needs among jurisdictions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Hydration objective(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>a. Assess the hydration needs of people and pets within the community.</td>
</tr>
<tr>
<td></td>
<td>b. Describe organized community hydration strategies and operations.</td>
</tr>
<tr>
<td></td>
<td>c. Describe how to effectively coordinate hydration needs among jurisdictions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Feeding &amp; Nutrition objective(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>a. Assess the feeding and nutrition needs of the community.</td>
</tr>
<tr>
<td></td>
<td>b. Describe organized community feeding strategies and operations.</td>
</tr>
<tr>
<td></td>
<td>c. Describe how to effectively coordinate feeding and nutrition needs among jurisdictions.</td>
</tr>
</tbody>
</table>
# MCS TTX Schedule

Mass Care Services Main Session (Wednesday, Jun 15, 0800 - Until Complete)

<table>
<thead>
<tr>
<th>Agenda Item:</th>
<th>Responsible:</th>
<th>Duration:</th>
<th>Time (PDT):</th>
</tr>
</thead>
<tbody>
<tr>
<td>H+0-96 Motivator Video</td>
<td>CR22 WSV WG, WMD External Affairs</td>
<td>10 Min</td>
<td>8:00 a.m. – 8:10 a.m.</td>
</tr>
<tr>
<td>Welcome and Administration</td>
<td>EMD Dir, FEMA Administrator, EMD Ex Tm</td>
<td>10 Min</td>
<td>8:10 a.m. – 8:20 a.m.</td>
</tr>
<tr>
<td>H+0-96 Brief Re-Cap (MCS Lens)</td>
<td>MCS and Design/Planning Workgroups</td>
<td>10 Min</td>
<td>8:20 a.m. – 8:30 a.m.</td>
</tr>
<tr>
<td>FEMA Life Sustaining Operations Overview</td>
<td>FEMA Region 10: Mass Care/VAL</td>
<td>15 Min</td>
<td>8:30 a.m. – 8:45 a.m.</td>
</tr>
<tr>
<td>Breakout room guidance</td>
<td>EMD A&amp;E</td>
<td>5 Min</td>
<td>8:45 a.m. – 8:50 a.m.</td>
</tr>
<tr>
<td>Breakout room Migration &amp; Rules</td>
<td>Facilitators</td>
<td>5 Min</td>
<td>8:50 a.m. – 8:55 a.m.</td>
</tr>
<tr>
<td><strong>BREAK</strong></td>
<td></td>
<td>15 Min</td>
<td>8:55 a.m. – 9:10 a.m.</td>
</tr>
<tr>
<td>Breakout Sessions: Module 1</td>
<td>Facilitators</td>
<td>3 Hours</td>
<td>9:10 a.m. – 10:00 p.m.</td>
</tr>
<tr>
<td>- HLS Regions 1, 5, 6</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>- HLS Regions 2, 3, 4</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>- HLS Regions 7, 8, 9</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>Lunch</td>
<td></td>
<td>30 Min</td>
<td>12:00 p.m. – 12:30 p.m.</td>
</tr>
<tr>
<td>Breakout Sessions: Modules 2 and 3</td>
<td>Facilitators</td>
<td>3 Hours</td>
<td>12:30 p.m. – 1:10 p.m.</td>
</tr>
<tr>
<td>- HLS Regions 1, 5, 6</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>- HLS Regions 2, 3, 4</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>- HLS Regions 7, 8, 9</td>
<td></td>
<td></td>
<td>Break</td>
</tr>
<tr>
<td>Closing Session</td>
<td>Facilitators, EMD A&amp;E</td>
<td>Until Complete</td>
<td>3:40 p.m. –</td>
</tr>
</tbody>
</table>
EMERGENCY MANAGEMENT DIVISION
“A disaster-ready and resilient Washington State”

MCS TTX Virtual Venue Concept

Virtual Venues:
- The MCS virtual venues will be conducted in the same manner as the CT TTX.
- Support staff roles will be identical.
MCS TTX Breakout Room Facilitation

1: Coastal Region
- Facilitator: Pending
- Moderator: Deborah Witmer City of Seattle
- Runner: EMD staff
- Note Taker: EMD staff
- EMD Plans: Nichol Benardo, WA EMD
- EMD ESF-6: Quinn Butler

2: I-5 Corridor
- Facilitator: Pending
- Moderator: Janeen Olson City of Redmond
- Runner: EMD staff
- Note Taker: EMD staff
- EMD Plans: Michael Roberson, WA EMD
- EMD ESF-6: Taylor Hennessee

3: East of the Cascades
- Facilitator: Chandra Fox Spokane C.
- Moderator: Damaris Deschner WA EMD
- Runner: EMD staff
- Note Taker: EMD staff
- Note Taker: WG member
- EMD Plans: Shane Moore, WA EMD
- EMD ESF-6: Lewis Lujan
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“A disaster-ready and resilient Washington State”

MCS TTX Situation Manual:

• The SitMan has been built, but is still in the revision process
• Areas with ongoing work are Major Events, Key Issues, and TTX questions
  Material has been developed, but work is ongoing to refine the content
• The SitMan will be complete and distributed to Trusted Agents prior to the Final Planning Meeting
MCS TTX Situation Manual:

- The Facilitator Guide shell has been built, but is still in the revision process
- As additional material is refined within the SitMan, it will be entered into the Facilitator Guide
- This document will be one of the last lines of effort to be completed and may have subtle revisions prior to execution
Day 4: Combined Hotwash Events

Hotwash Concept:
- Each core capability will conduct a hotwash using the geographically aligned breakout rooms to facilitate the discussion.
- Facilitators and support staff from their original breakout rooms will conduct the hotwash(s) to maintain continuity within the group.
## Combined Hotwash Events

**Hotwash (Thu, Jun 16, 0900 – Until Complete)**

<table>
<thead>
<tr>
<th>Agenda Item:</th>
<th>Responsible:</th>
<th>Duration:</th>
<th>Time (PDT):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome and Administration</td>
<td>EMD Dir, FEMA Administrator, EMD Ex Tm</td>
<td>10 Min</td>
<td>9:00 a.m. – 9:10 a.m.</td>
</tr>
<tr>
<td>Critical Transportation Hotwash</td>
<td>Facilitated by breakout room</td>
<td>90 Min</td>
<td>9:10 a.m. – 10:40 a.m.</td>
</tr>
<tr>
<td><strong>Break</strong></td>
<td></td>
<td>20 Min</td>
<td>10:40 a.m. – 11:00 a.m.</td>
</tr>
<tr>
<td>Mass Care Services Hotwash</td>
<td>Facilitated by breakout room</td>
<td>90 Min</td>
<td>11:00 a.m. – 12:30 a.m.</td>
</tr>
<tr>
<td><strong>Lunch</strong></td>
<td></td>
<td>30 Min</td>
<td>12:30 a.m. – 1:00 p.m.</td>
</tr>
<tr>
<td>FEMA CSZ Plan Review</td>
<td>FEMA Region 10</td>
<td>30 Min</td>
<td>1:00 p.m. – 1:30 p.m.</td>
</tr>
<tr>
<td>CR22 Next Steps</td>
<td>EMD Facilitated</td>
<td>20 Min</td>
<td>1:30 p.m. – 1:50 p.m.</td>
</tr>
<tr>
<td>Closing Comments</td>
<td>EMD Dir, FEMA Administrator, EMD Ex Tm</td>
<td>Until Complete</td>
<td>1:50 p.m. –</td>
</tr>
</tbody>
</table>
Hotwash Lines of Effort:

CT Questions

• The CT workgroup will be developing specific questions for the CT Hotwash to support ongoing State planning efforts
• There will also be common questions

MCS Questions

• The MCS workgroup will also be developing MCS focused hotwash questions
• There will also be common questions

Participant Feedback

• Participant Feedback surveys will be used in addition to the Hotwash
• Feedback questions are in development
Mass Care Services TTX Focused Discussion

Damaris Deschner, WA EMD, Mass Care Services Co-Lead
Sarah Nuss, City of Spokane, Mass Care Services Co-Lead
Janeen Olson, City of Redmond, Mass Care Services Co-Lead
Lisa Arellano, Salvation Army, Mass Care Services Co-Lead
Mass Care Services TTX Primary Questions

Common Questions: All Modules

• Given the minimal visibility on ground truth and limited communications from authoritative sources, how is an initial understanding of the situation attained to guide strategy development?
• What are the priorities at this point in the response?
• How are needs prioritized and coordinated?
• What support is expected from external agencies or organizations, and what support do they expect from existing agreements or your agency's current plans, policies, procedures?
• How do state-level plans support local [Module Title] strategies and decision-making?
• How are public alerts distributed, and by what means?
Mass Care Services TTX Primary Questions

Questions: Module 1 Sheltering

Assessment:
• How do we assess the communities' sheltering needs and capabilities in the post CSZ environment, when we may be experiencing significant limitations in staffing, communications, and our ability to establish an effective and coordinated common operating picture?

Strategies:
• What current plans, policies, or procedures exist for establishing temporary shelters?

Challenges and Constraints:
• What challenges and constraints exist within tribes or jurisdictions that must be overcome regarding support for sheltering?
Mass Care Services TTX Primary Questions

Questions: Module 2 Hydration

Assessment:

• How do we assess the communities' hydration needs and capabilities in the post CSZ environment, when we may be experiencing significant limitations in staffing, communications, and our ability to establish an effective and coordinated common operating picture?

Strategies:

• What current plans, policies, or procedures exist for establishing emergency hydration?

Challenges and Constraints:

• What challenges and constraints exist within tribes or jurisdictions that must be overcome regarding emergency hydration needs?
Mass Care Services TTX Primary Questions

Questions: Module 3 Feeding

Assessment:

• How do we assess the communities' feeding and nutrition needs and capabilities in the post CSZ environment, when we may be experiencing significant limitations in staffing, communications, and our ability to establish an effective and coordinated common operating picture?

Strategies:

• What current plans, policies, or procedures exist for establishing community feeding?

Challenges and Constraints:

• What challenges and constraints exist within tribes or jurisdictions that must be overcome regarding feeding and nutrition needs?
Critical Transportation TTX Focused Discussion

Dan Banks, WSDOT, Critical Transportation Co-Lead
Steve Aberle, ARRL, Critical Transportation Co-Lead
CR22 Projected Milestones
Projected Milestones

- **H+0-96 Video**
- **Facilitator Training (9-13 MAY)**
- **Dress Rehearsal (w/Tech.)**
- **Facilitator Guide**
- **Rehearsal (Talk Through)**

**Scheduled events**
- **MAR**: IPR 17 MAR
- **APR**: TBD MAY
- **MAY**: ET22 6-10 JUN
- **JUN**: CR22 13-16 JUN
- **AUG**: AAM(s)
- **SEP**: AAR/IP Final(s)

**Deliverables and Unscheduled Events**
Additional CR22 Exercises
Operations-Based Exercise Support

- SimCell will be available on the 14th of June
- Support will be limited to the counties that have previously coordinated.
- Connectivity will be limited to WebEOC, phone and email.
- MSEL(s) need to be turned in before 1 MAY 2022.
- The SEOC Communications Unit RACES Station will not be activated
Snohomish County RCPGP:

Last Tactical Mile and C-POD Virtual TTX

Amy Lucas, Snohomish County
Jarrod Dibble, Snohomish County
National Level Exercise (NLE) Update
Washington State EMD Cascadia Rising 22 IPR | March 17, 2022
National Level Exercise (NLE) Placemat
The National Level Exercise (NLE), held every two years as part of the National Exercise Program, provides an opportunity for all levels of government, the private sector, nongovernmental organizations (NGOs) and community groups to test capabilities, evaluate policies and plans, familiarize personnel with roles and responsibilities and foster meaningful interaction and communication across the nation. Scenarios for the NLE range from natural disasters to manmade attacks and address the specific types of threats and hazards that pose the greatest risk to the nation.

NLE 2022 will examine the ability of all levels of government, private industry and NGOs to respond to and recover from a large rupture along the Cascadia Subduction Zone (CSZ) fault line that runs along the Pacific coastal states. The scenario includes subsequent tsunamis, aftershocks and a spill of national significance (SONS) caused by the initial disaster.

Events will include webinars, seminars, workshops, tabletop exercises (TTX) and Senior Officials Exercises (SOE) aligned with the NLE 2022 objectives and associated focus areas. Through this series of targeted events, NLE 2022 will engage Federal, State, local, and tribal governments as well as the private sector and non-governmental organizations to enhance our nation’s preparedness around the five national objectives.

National Level Objectives

1. CATASTROPHIC DISASTER PREPAREDNESS
   Build and sustain awareness of catastrophic disasters and build capability nationwide through planning, preparedness and risk mitigation.

2. STABILIZATION AND INITIAL RECOVERY
   Asses the ability of all levels of government, in coordination with whole community partners, to rapidly determine impacts to communities and inform decisions for stabilization, critical infrastructure restoration, and initial recovery.

3. NATIONAL RESOURCE PRIORITIZATION AND ADJUDICATION
   Examine the ability of all levels of government, the private sector and international stakeholders to determine the availability of critical resources, prioritize limited resources and deliver essential commodities, equipment and services to support impacted communities during a catastrophic natural disaster.

4. INTERMEDIATE AND LONG-TERM RECOVERY
   Assess the ability of the whole community to identify intermediate recovery objectives, implement a recovery strategy and integrate impactful mitigation towards a long-term recovery solutions.

5. STRATEGIC COORDINATION
   Examine the ability of all levels of government to integrate activities across multiple coordination structures, make timely decisions and consistently communicate those decisions to operators during the response to and recovery from a catastrophic natural disaster.

The NLE 2022 scenario focuses on the response and recovery from a large rupture and resulting tsunami along the CSZ fault. Additionally, this rupture causes a Spill of National Significance (SONS) event that impacts the states of the Pacific Northwest. The exercise scenario will begin 96 hours post-rupture.
## National Level Exercise 2022 Planning and Conduct Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
<td>In Progress</td>
</tr>
</tbody>
</table>

### Overall Exercise

- In Progress: Exercise 1 (April 2022)
- In Progress: Exercise 2 (October 2022)

### Senior Official Engagements

- In Progress: Exercise 1 (April 2022)
- In Progress: Exercise 2 (October 2022)

### National-Level Engagements

- In Progress: Exercise 1 (April 2022)
- In Progress: Exercise 2 (October 2022)

### Federal Focus Engagements

- In Progress: Exercise 1 (April 2022)
- In Progress: Exercise 2 (October 2022)

### State/Local/ Tribal Engagements

- In Progress: Exercise 1 (April 2022)
- In Progress: Exercise 2 (October 2022)

---

**Objectives:**
- Catastrophic Disaster Preparedness
- Stabilization and Initial Recovery
- National Resource Prioritization and Adjudication
- Intermediate and Long-Term Recovery
- Strategic Coordination

---

Revised: 03/09/2022
FEMA Region 10 NLE Focused Event:

CR 2022 Rehearsal Of Concept (ROC) Exercise
A ROC Exercise allows each organization to explain their expected response/recovery operations to a common scenario through facilitated discussion where specific questions are asked to prompt action.

The purpose of the CR 2022 ROC Exercise is to:

- Demonstrate that the Cascadia Subduction Zone (CSZ) plan can be executed as written.
- Identify/Resolve issues that preclude/degrade CSZ plan execution.
- Coordinate expectations across the Federal and Regional partners.
- Ensure participants have a clear understanding of the response and recovery requirements for the scenario and resources required to facilitate the response.
## Exercise Objectives

The ROC Exercise objectives support Response and/or Recovery operations that are federally supported, state managed, and locally executed. Each objective aligns to a national-level objective, as determined by the National Level Exercise 2022.

<table>
<thead>
<tr>
<th>Objective</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Demonstrate the plan’s concept of operations to address resource and logistics issues.</td>
</tr>
<tr>
<td>2</td>
<td>Demonstrate the plan’s ability to support stabilization of community lifelines through the deployment and employment of Federal incident management/support command, control, and responder communication resources.</td>
</tr>
<tr>
<td>3</td>
<td>Demonstrate the plan’s prioritization and delivery of Federal resources to impacted jurisdiction and the process to request and track additional federal resources.</td>
</tr>
<tr>
<td>4</td>
<td>Demonstrate the plan’s ability to support resource movement and survivor relocation through the employment of federal resources into impacted areas to prioritize, stabilize, and restore key transportation corridors.</td>
</tr>
<tr>
<td>5</td>
<td>Demonstrate the plan’s ability to employ and deploy Federal resources for public messaging, to include Federal communication resources and processes used to support incident management/support operations after a catastrophic CSZ rupture.</td>
</tr>
<tr>
<td>6</td>
<td>Demonstrate the plan’s ability to employ and deploy life-sustaining and human services to the affected population (and their pets), such as immediate and sustained sheltering, temporary housing, and evacuee support, to include services for individuals with access or functional needs.</td>
</tr>
</tbody>
</table>
The Map and Icons

FEMA Region R10 Map Template

- **Dimensions:** 35'x26'
- **Map Navigation:** Zone Tabs, Engineering Blocks, Horse-blanket Sectors
- **Design:** Counties, Roads, Branches, State Borders, Tribal Land, and Topography
- **Icons:** Will show various resources for movement during conduct
**Exercise Structure DRAFT**

**Start of Turn**
- Turn 1: R to R+3 days
- Turn 2: R+4 days to R+7 days
- Turn 3: R+8 days to R+14 days

**Turn Starts**
- Map & Tracking Board are updated
- Scene Setter Presentation
- FEMA Region X Brief-Outs on Resources

**Map Updated Live**
- Community Lifeline-structured discussion on LOEs
- Review of Established Lines of Effort (LOEs)

**Map Updated Live**
- Emergency Support Function (ESF) Brief-Outs
- Exercise Discussion of Last Tactical Mile

**Tracking Board Updated**
- ESF-15 Brief Out
- Unified Coordination Group (UCG) Validation

**End of Turn**
- The facilitator highlights specific issues and may use pre-identified discussion questions to resolve gaps

Federal Emergency Management Agency
Justin Fordice
Preparedness Specialist
FEMA Integration Team-Washington State
justin.fordice@fema.dhs.gov
Closing
Virtual Feedback Platform

Ways to access the virtual feedback form:

1) Link:
   https://forms.office.com/g/2Q8weAaMvQ

2) QR code:
   Open the camera app on your phone point towards the code, you do not need to take a picture.
   Once the camera focuses click on link and your internet browser will open the survey
CR22 Support Contacts

WA EMD Assessment & Exercise:

Robert Sabarese
Assessment & Exercise Programs Supervisor
Robert.Sabarese@mil.wa.gov
(253) 320-5892

Patrick Niles
State Exercise Program Manager
Patrick.Niles@mil.wa.gov
(253) 929-4416
CR22 Support Contacts

Workgroup Leaders:

Critical Transportation:
- **Dan Banks**
  WSDOT
  Emergency Preparedness T&E Manager
  banksd@wsdot.wa.gov
- **Steve Aberle**
  American Radio Relay League (ARRL)
  Assistant Director, Northwestern Division, Tribal Liaison
  cr22-info@aberle.net

Mass Care Services:
- **Damaris Deschner**
  WA EMD
  State Training Coordinator
  Damaris.Deschner@mil.wa.gov
- **Sarah Nuss**
  City of Spokane
  Director of Emergency Management
  snuss@spokanecity.org
- **Janeen Olson**
  City of Redmond
  Acting Emergency Manager
  jrolson@redmond.gov
- **Lisa Arellano**
  Salvation Army
  Training Program Manager
  lisa.arellano@usw.salvationarmy.org

Scenario, Planning, and Evaluation:
- **Deborah Witmer**
  City of Seattle, Human Services Department
  Vulnerable Populations Planning Coordinator
  Deborah.Witmer@seattle.gov
- **Jim House**
  DSHS, WASILC, Coalition on Inclusive Emergency Planning
  Disability Integration Manager
  jim.house@dshs.wa.gov
Questions and Discussion