



EMERGENCY MANAGEMENT DIVISION

"A disaster-ready and resilient Washington State"



Cascadia Rising 2022

Mid-term Planning Meeting

Washington State

February 8, 2022

Virtual: Microsoft Teams



Acronyms and Abbreviations

A&E	Assessment and Exercise Team	IPR	In Progress Review
AAM	After Action Meeting	LJ	Local Jurisdiction
AAR	After Action Report	MCS	Mass Care Services
CIA	Catastrophic Incident Annex	MPM	Mid-term Planning Meeting
CT	Critical Transportation	MS	Microsoft
CR16	Cascadia Rising 2016 (exercise title)	PSAP	Public Safety Answering Point
CR22	Cascadia Rising 2022 (exercise title)	QR	Quick Response Code
CSZ	Cascadia Subduction Zone	SimCell	Simulation Cell
DoD	Department of Defense	SITMAN	Situation Manual
DSHS	Washington State Department of Social and Health Services	SPR	Stakeholder Preparedness Review
EMD	Emergency Management Division	SSA	State Staging Area
EMS	Emergency Medical Services	StartEx	Start of Exercise
EOC	Emergency Operations Center	THIRA	Threat and Hazard Identification and Risk Analysis
ET22	Evergreen Tremor 2022 (exercise title)	TTX	Tabletop Exercise
FEMA	Federal Emergency Management Agency	VAL	Voluntary Agency Liaison
FPM	Final Planning Meeting	WASILC	Washington State Independent Living Council
FSA	Federal Staging Area	WA EMD	Washington Emergency Management Division
H+0-96	Incident occurrence (time) plus 0 to 96 hours	WG	Workgroup
I-5	Interstate Five	WSDOT	Washington State Department of Transportation
IP	Improvement Plan	WSV	Warm Start Video
		XPA	Extent of Play Agreement



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
- Catastrophic Planning
- Exercise Scope
- Core Capability Tabletop Exercises
- Core Capability TTX Focused Discussion
- Milestones
- Contacts



Introductions

CR22 Exercise Development Team:

Name:	Organization:	Role:
Rob Sabarese	WA EMD	A&E Programs Supervisor / CR22 Director
Patrick Niles	WA EMD	State Exercise Program Manager / CR22 Project Mgr.
Deborah Witmer	City of Seattle	Scenario & Planning Workgroup Co-Lead
Dan Banks	WSDOT	Critical Transportation Workgroup Co-Lead
Damaris Deschner	WA EMD	Mass Care Services Workgroup Co-Lead
Shane Moore	WA EMD	Catastrophic Planner

Stakeholders, please post the following information in the chat:

- Name
- Organization
- Exercise Role



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



Core Capabilities

Critical Transportation	<p>Definition: 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.</p> <p>Core Capability Targets:</p> <ol style="list-style-type: none">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	<p>Definition: 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.</p> <p>Core Capability Targets:</p> <ol style="list-style-type: none">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.



Catastrophic Planning

Critical Transportation

Planning continues to identify and record local priority routes within each county as stakeholders are available. These routes are intended to represent those routes which a jurisdiction will focus on reopening first following a system-wide disruption to transportation infrastructure.

Primary activities have shifted to plan writing activities for the CIA, Tabs, and Appendices. The Critical Transportation Tab draft has been completed and is currently being peer reviewed.

How the current level of development in this planning effort can inform CR22 participants:

- Reopening of identified routes
- Reopening of routes that connect with other jurisdictions
- Reopening of bypass routes for impacted state routes
- Conducting and coordinating damage assessments along priority routes



Catastrophic Planning

Mass Care Services

Outreach and external planning for the MCS has concluded and has now moved into plan development. Planning has been focused on understanding the capabilities which exist at local and geographical region levels to initiate and mobilize mass care services. Areas within those services that were explored and remain relevant to CR22 play:

- Local capabilities *and gaps* to provide sheltering, feeding, and hydration

How the current level of development in this planning effort can inform CR22 participants:

- Focus mass care efforts on those functions that were determined to have the greatest impact on initial response: Sheltering, feeding, hydration, and bulk distribution
- Use Community Lifeline impacts to identify areas or communities that may be considered difficult to support due to transportation, water, mass care, and logistical impacts and limitations



WA EMD Exercise Scope

Monday – Thursday June 13th - 15th 2022 – Exercise Play
June 16th, 2022 –Hotwash

▪ **Locations:**

- Virtual Discussion Based Exercises – Using MS Teams
- Local Jurisdictions will conduct Operations Based Exercises at various locations

▪ **StartEx:**

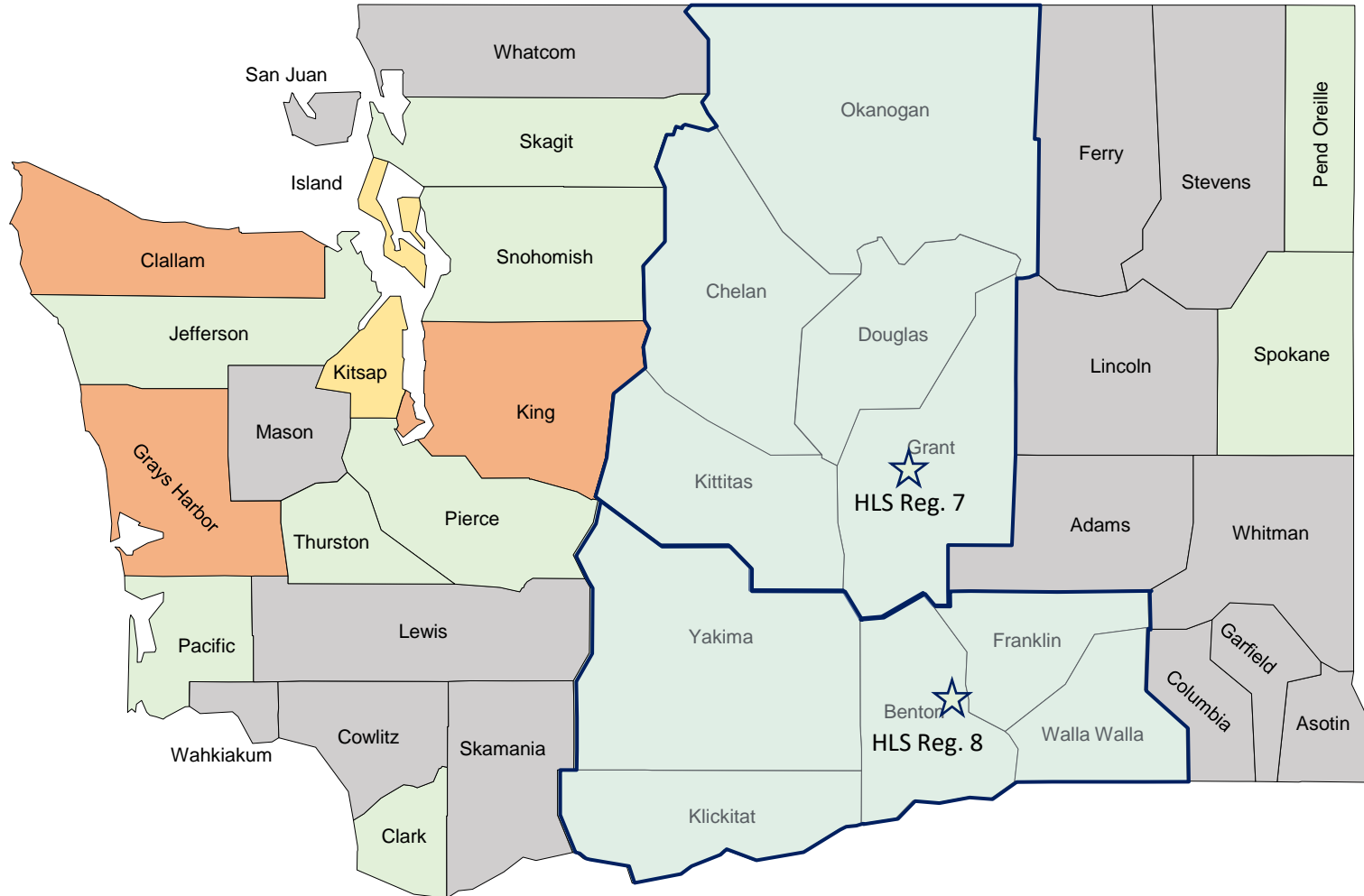
- Mon, June 13th is Day 5 – H+97 hours post impact

▪ **Exercise Play:**

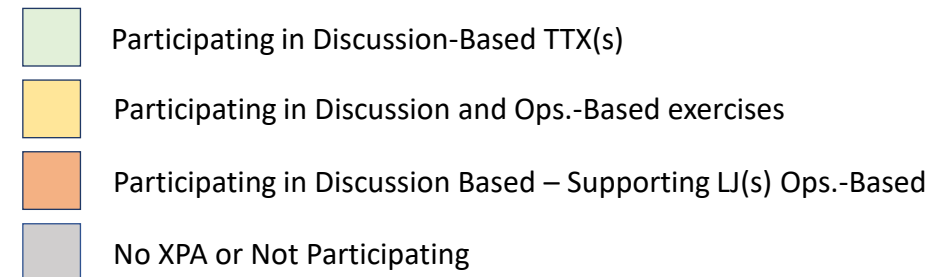
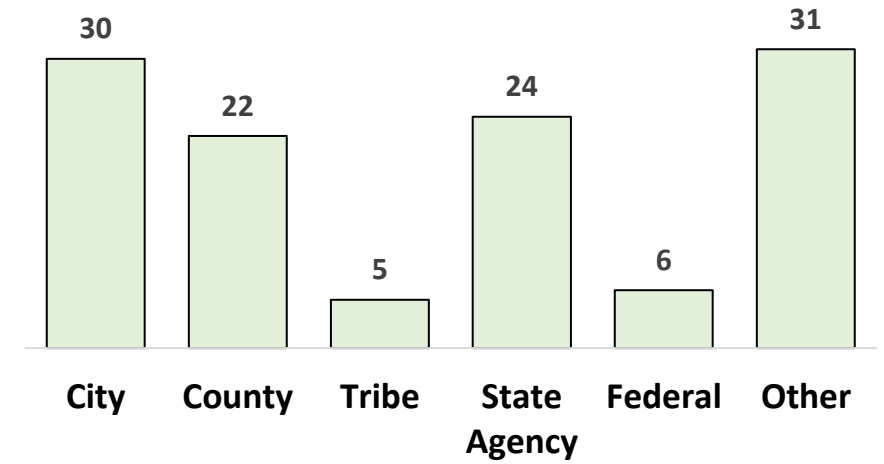
- Will be limited to the daily schedule for Discussion Based Exercises
- WA EMD will only be providing a SimCell for a select few jurisdictions who pre-coordinated with WA EMD for support



Participants



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



CR22 Week of Play (Discussion-Based)



Day 1

Critical
Transportation TTX

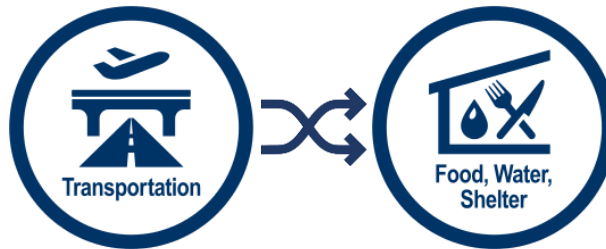


(6 Hours)

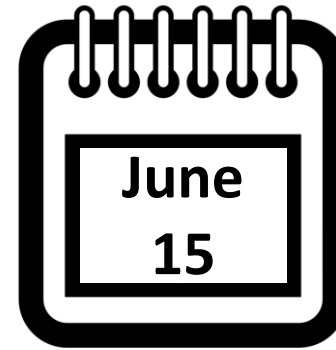


Day 2

CT – MCS
Crossover Event



(1.5 Hours)

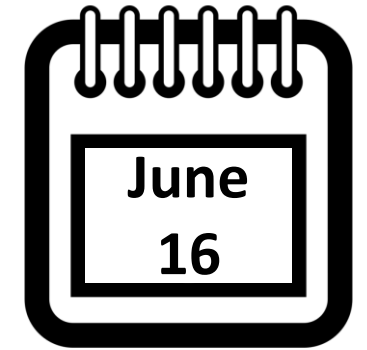


Day 3

Mass Care Services
TTX



(8 Hours)



Day 4

Hotwash
Events



(5 Hours)



Warm Start (H+0-96) Concept

Warm Start Components:

- Opening video presentation:
 - <10 min video presentation.

- TTX core capability specific briefs (H+0-96):
 - <10 min presentation 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.

Warm Start (H+0-96) Concept

Warm Start Placemat Example:

Cascadia Rising 2022 Scenario

Event: On June 9, 2022, a 9.0 magnitude Cascadia Subduction Zone (CSZ) earthquake has ripped along the 700-mile CSZ fault line with no epicenter. An event of this type occurs on average once every 200 to 500 years. The last major CSZ earthquake and tsunami occurred on January 26, 1700.

Ground Shaking: The shaking that results from this abrupt shifting of the earth's crust will be felt throughout the Pacific Northwest—and the ground is expected to shake for four to six minutes. Some areas along the coast may immediately drop three to nine feet in elevation. Coastal areas will experience the highest intensities and the level of shaking diminishes the farther inland; numerous aftershocks continue to disrupt response efforts.

Tsunami: The tsunami inundation zone in Washington is located along the Pacific Ocean and along the Strait of Juan de Fuca. Some inundation is expected on the shorelines of counties in the upper Puget Sound and Strait of Georgia. Over 50,000 Washingtonians reside in the tsunami inundation zone. After the initial ground shaking, survivors may have as few as 10 minutes before the first wave makes landfall. Coastal areas are expected to receive as many as three waves in the first hour; subsequent waves may continue for nearly 18 hours.

Liquefaction/Landslides: Liquefaction-prone soils are common in river valleys, along waterfronts, and in places built on artificial fill including bridges, ports, airports, and industrial facilities. Many of the region's most densely populated areas -- such as along the I-5 corridor between Olympia and Everett are likely to experience the damaging effects of liquefaction. Areas on the steep slopes of mountain ranges in Washington are susceptible to landslides and rock falls.

Shake map layer in the below graphic was produced using the M9.0 Cascadia Scenario, 12/2020, USGS

Disclaimer: The estimates of earthquake impacts presented in this presentation were drawn from multiple sources. The estimates were produced using loss estimation modeling software based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be notable differences between the modeled results contained in this presentation and other earthquake and tsunami loss models/studies.

Cascadia Rising 2022 Geographic Region Impacts Overview for WA HLS Regions 2, 3, and 4

HLS 2: Clallam, Jefferson and Kitsap – US 101 has Significant Infrastructure Impacts
 The Federal Staging Area (FSA) / State Staging Area (SSA) at William R. Fairchild International Airport is inaccessible from US 101 and W. Edgewood Drive. SSA at Bremerton National Airport is completely inaccessible.¹ The Puget Sound Naval Shipyard at Bremerton is completely inaccessible from State Route (SR) 3 and SR 16. Access to Naval Base Kitsap - Bangor is affected by SR 3. Sequim, Port Angeles, Makah Reservation, Forks, Quinalt Indian Nation, Hoh Indian Reservation, and Port Madison Indian Reservation on SR 305 have access issues. Forks, La Push, and Neah Bay in Clallam County have no road connections with the rest of the state.

HLS 4: Wahkiakum, Cowlitz, Clark and Skamania – SR 4 has Significant Infrastructure Impacts
 The runway surfaces at both SSA Southwest Washington Regional Airport (Clark County) and Pearson Field (Clark County) have buckled, rendering them inoperable. The coast is blocked by multiple landslides. Sections of the Lewis and Clark River and the I-5 Columbia River Interstate Bridge have collapsed into the river. The I-205 Jackson Bridge is open, but with just one lane of travel in each direction. I-5 in both directions between Woodland and Kalama has suffered liquefaction damage. SR 14 into Skamania County is open, but with detours in the Washougal area. Dozens of tanks at the Oregon Critical Energy Infrastructure (CEI) Hub in Portland are ablaze and toxic fumes are blowing across Vancouver causing bottlenecks on local roads as residents attempt to flee. 25 million gallons of diesel, medium, and heavy oils from the CEI Hub have reached the Columbia River and have traveled downstream to Kalama making the river unnavigable between the confluence with the Willamette River and the Cowlitz River.

Shake map layer in the below graphic was produced using the M9.0 Cascadia Scenario, 12/2020, USGS

Footnotes: 1. Logistical nodes established by state and federal agencies. 2. WA State RRAP 2019. 3. WA State Bridge Seismic Survivability Transportation (BSST) Survey

Cascadia Rising 2022 Geographic Region Impacts Overview for WA HLS Regions 2, 3, and 4

HLS 3: Grays Harbor, Mason, Thurston, Pacific and Lewis – I-5 US 101, SR 109, SR 115, SR 401, US 12, SR 8, SR 6, and SR 4 have Significant Infrastructure Impacts
 US 101 is down in many locations. Almost all bridges have failed and are not usable on US 101, US 12, SR 8, SR 6, and SR 4. The Chehalis Gap has one road open with lots of detours. US 101 along the top of the Peninsula is open to Sequim in Clallam County but is very limited and relies on logging road bypasses. The combination of subsidence during the earthquake followed by tsunami inundation has devastated low-lying areas in Pacific and Grays Harbor Counties. Aberdeen, Ocean Shores, Westport, the Long Beach Peninsula, Hoquiam, Cosmopolis, the Shoalwater Bay Indian Reservation, and Coastal areas of the Quinalt Indian Reservation are destroyed. Significant damage. Survivors in these areas may need to be evacuated.

Grays Harbor County: The SSA at Bowerman Airport is either destroyed or requires extensive repair/remediation before it may become available. There is no access to Westport/Grayland in Grays Harbor County via I-5. The route to Grays Harbor County from the I-5 Corridor, and one road to Grays Harbor County North Coast (north side of harbor) is open.

Mason County: US 101, near the Sanderson Field Aerial Port of Detachment (APOD) / SSA, is not useable.

Thurston County: The SSA at Olympia Regional Airport is accessible from I-5. I-5 at the Nisqually River in Thurston County is a bottleneck.

Pacific County: There is no access to Long Beach via land.

Lewis County: I-5 has suffered significant liquefaction damage around the Chehalis River near Chehalis and Centralia.

Footnotes: 1. Logistical nodes established by state and federal agencies. 2. WA State RRAP 2019. 3. WA State Bridge Seismic Survivability Transportation (BSST) Survey 4. CR22 Scenario Document

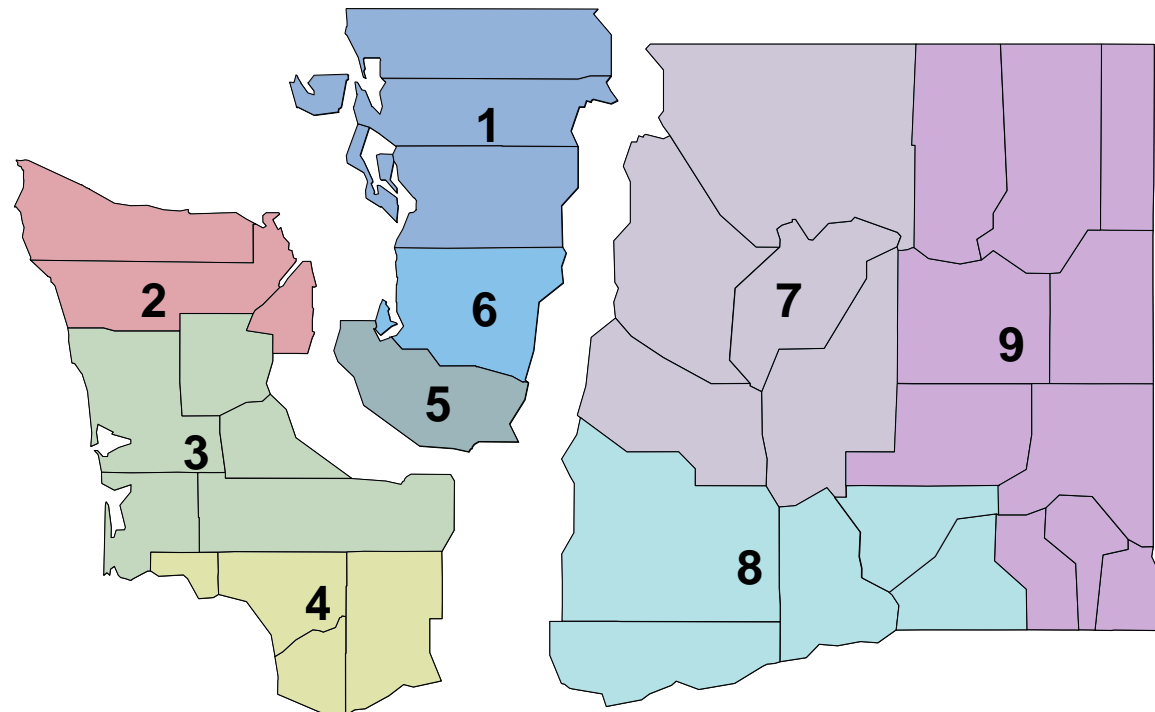
WA HLS Regions 2, 3, and 4 Lifeline Status

- Green – No Impacts
- Amber – Minor Impacts
- Red – Major Impacts



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.





Critical Transportation THIRA /SPR Reporting



WA EMD Assessment and Exercise Team



2021 Critical Transportation THIRA / SPR Reporting

Washington State CT Standardized Capability Targets

Within 14 days of an incident, clear 5,655 miles of roads affected, to enable access for public, private, and non-profit emergency responders.

Washington State 2021 THIRA / SPR Participation

2021 WA County Participation (39 Total)					
THIRA			SPR		
Full	Partial	None	Full	Partial	None
56% (22)	20.5% (8)	23.1% (9)	41.0% (16)	7.2% (3)	51.8% (20)

Washington State 2021 THIRA / SPR Capability Analysis

2021 WA Critical Transportation Capability Achieved	
Roads Affected	
15%	

**Capability analysis is based on a CSZ event scenario but is limited by THIRA/SPR participation.*



Day 1: Critical Transportation TTX



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



Critical Transportation (CT) TTX Objectives

1	Examine and assess the coordination of response phase transportation activities between state, tribal, and local transportation entities.
2	Discuss how initial damage assessments of transportation infrastructure will be coordinated across all impacted jurisdictions.
3	Assess and discuss the procedures for the coordination of prioritized critical transportation needs across all jurisdictions.
4	Discuss the elements needed as input to develop a plan for reopening the statewide transportation system.

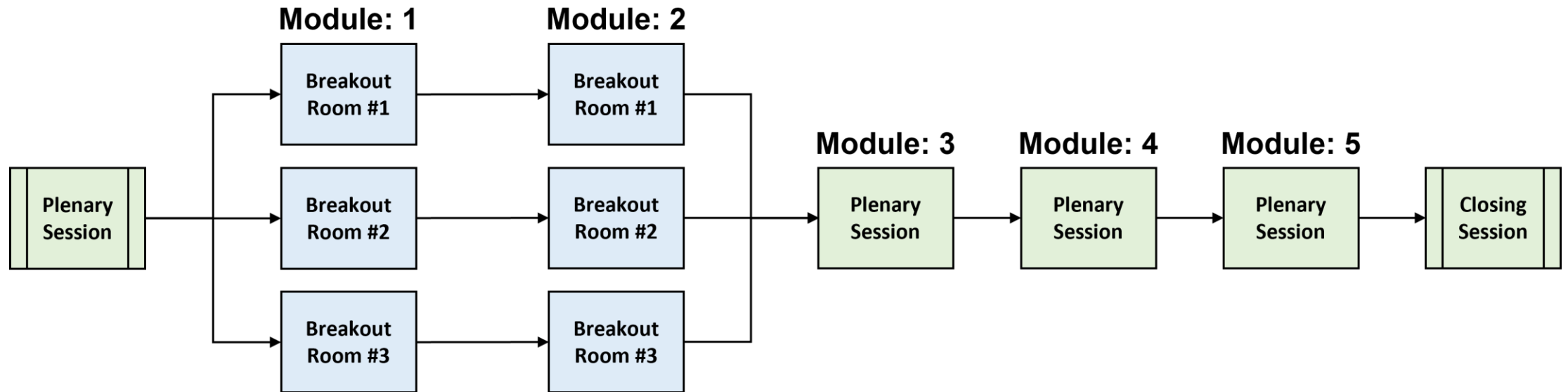


CT TTX Schedule

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

Agenda Item:	Responsible:	Duration:	Time (PDT):
H+0-96 Motivator Video	CR22 WSV WG, WMD External Affairs	10 Min	9:00 a.m. – 9:10 a.m.
Welcome and Administration	EMD Dir, FEMA Administrator, EMD Ex Tm	10 Min	9:10 a.m. – 9:20 a.m.
H+0-96 Brief Re-Cap (CT Lens)	CT and Design/Planning Workgroups	10 Min	9:20 a.m. – 9:30 a.m.
FEMA CSZ Plan Overview	FEMA Region 10: Senior CSZ Planner	10 Min	9:30 a.m. – 9:40 a.m.
Breakout room guidance	EMD A&E	5 Min	9:40 a.m. – 9:45 a.m.
Breakout room Migration & Rules	Facilitators	5 Min	9:45 a.m. – 9:50 a.m.
BREAK		10 Min	9:50 a.m. – 10:00 a.m.
Breakout Sessions: Modules 1 and 2 <ul style="list-style-type: none"> • HLS Regions 1, 5, 6 • HLS Regions 2, 3, 4 • HLS Regions 7, 8, 9 	Facilitators	2 Hours	10:00 a.m. – 10:50 a.m. Break 11:00 a.m. – 11:50 a.m.
Lunch		40 Min	11:50 a.m. – 12:30 p.m.
Plenary Sessions: Modules 3 and 4	Facilitators	2 Hours	12:30 p.m. – 1:20 p.m. Break 1:30 p.m. – 2:20 p.m. Break
Sharing of Participant Action Items (Mod. 5)	Facilitators	30 Min	2:30 p.m. – 3:00 p.m.
Closing session	CT and Design/Planning Workgroups	Until Complete	3:00 p.m. –

CT TTX Virtual Venue Concept

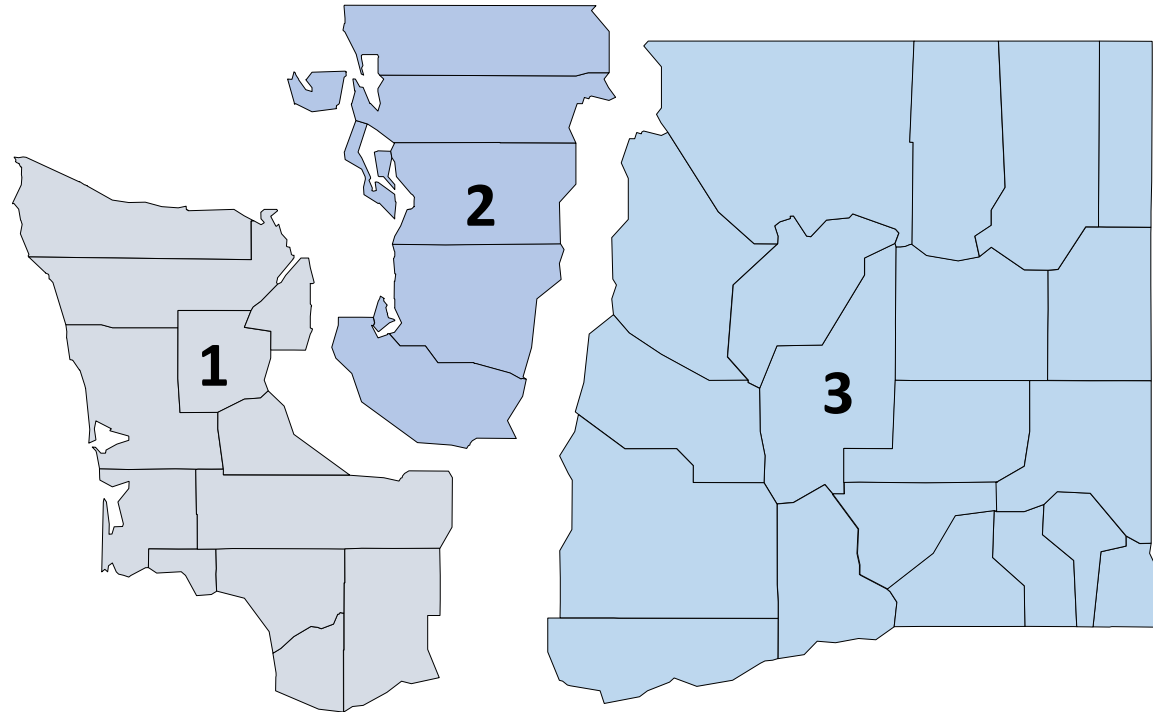


Virtual Venue:

- ❑ 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

Lit Dudley

WSDOT

2: I-5 Corridor

Dan Banks

WSDOT

3: East of the Cascades

Sean Davis

Franklin County



CT Module Discussion Blocks:

Module 1: Reconnecting Locally

This geographically aligned breakout room will focus on a collaborative discussion of transportation at the local level which supports lifesaving operations and access to mass care facilities such as shelters and community points of distribution. Key topics will include inspections and assessment, route clearance, and anticipated constraints, barriers, and local concerns.

Question Topics

□ **Prioritizing Transportation Needs**

- *Completing local inspections and assessments*
- *Establishing priorities at all levels across jurisdictional boundaries*

□ **Route Clearance for lifesaving Services**

- *Community safety*
- *Law Enforcement/Security*
- *Search and Rescue*
- *Fire Service/Emergency Medical Services (EMS)*
- *Government Services (EOCs, PSAPs, essential services)*

□ **Public Access to Community Lifelines**

- *Communications*
- *Health and Medical*
- *Energy*
- *Hydration, Feeding, and Temporary Shelter*

□ **Barriers/Constraints**

- *Equipment*
- *Fuel*
- *Hazardous Materials*
- *Personnel*



CT Module Discussion Blocks:

Module 2: Reconnecting to Adjacent Jurisdictions

This geographically aligned breakout room will focus on a collaborative discussion of the coordination for prioritized critical transportation needs connecting jurisdictions and establishing viable multi-jurisdictional routes and resource sharing. A critical topic of discussion will be the discussion of prioritization across jurisdictions with critical interdependencies.

Question Topics

- **Prioritizing Transportation Routes**
 - *Establishing priorities at all levels across jurisdictional boundaries*
 - *Access roads to airfields, docks, rail lines*
 - *Conflict resolution protocols*
- **Establishing Viable Multi-Jurisdictional Routes**
 - *Coordinating between adjacent jurisdictions*
 - *Supply chain restoration*
- **Route Clearance for Outside Assistance**
 - *Medical Support*
 - *Commodities distribution*
 - *Evacuations*
 - *Fatality management support*
- **Protocols for Resource Sharing**
 - *Mutual aid between neighboring jurisdictions*



CT Module Discussion Blocks:

Module 3: Reconnecting the Geographic Regions

This plenary session will discuss the coordination of prioritized critical transportation needs to connect the coast, I-5 corridor, and east of the Cascades. Discussion and knowledge sharing will explore critical transportation interdependencies, infrastructure vulnerabilities that connect ground transportation (critical bridges and ferries), and the broader scope of resource sharing to re-connect the state.

Question Topics

- **Prioritizing Transportation Needs**
 - *Establishing priorities at all levels across jurisdictional boundaries*
 - *Conflict resolution protocols*
- **Coordination of Critical Transportation Resources**
 - *Staging of resources before anticipated reopening*
 - *Supply chain restoration*
- **Route Clearance for Outside Assistance**
 - *Road (passes), Rail, Air, Maritime*
 - *Fuel tanks*
 - *Tsunami debris (including floating debris and sunken vessels)*
 - *Liquefaction*
- **Infrastructure Vulnerabilities**
 - *Mutual aid between neighboring jurisdictions*



CT Module Discussion Blocks:

Module 4: Input to the Statewide Reopening Plan

This plenary session will capture local and geographic region (coastal, I-5 corridor, and east of the Cascades) information, priorities, and input to help shape the elements needed to develop a state ground transportation reopening plan to establish the new normal.

Question Topics

- **Prioritizing Transportation Routes**
 - *Establishing priorities at all levels across jurisdictional boundaries*
- **Capturing Local Input to Factor into Transportation Reopening Priorities**
 - *Coordinating between adjacent jurisdictions*
 - *Supply chain restoration*
- **Route Clearance for Outside Assistance**
 - *How local priorities are communicated*
 - *Balancing competing priorities (local, county, state, tribal, national)*
- **Elements Needed for Developing a Reopening Plan for the Statewide Transportation System**
 - *Critical needs assessment*
 - *Number of parallel restoration*
 - *Availability of resources (federal, state, commercial, etc.)*
 - *Time to repair*
 - *Budget constraints*



CT Module Discussion Blocks:

Module 5: Sharing of Participant Action Items

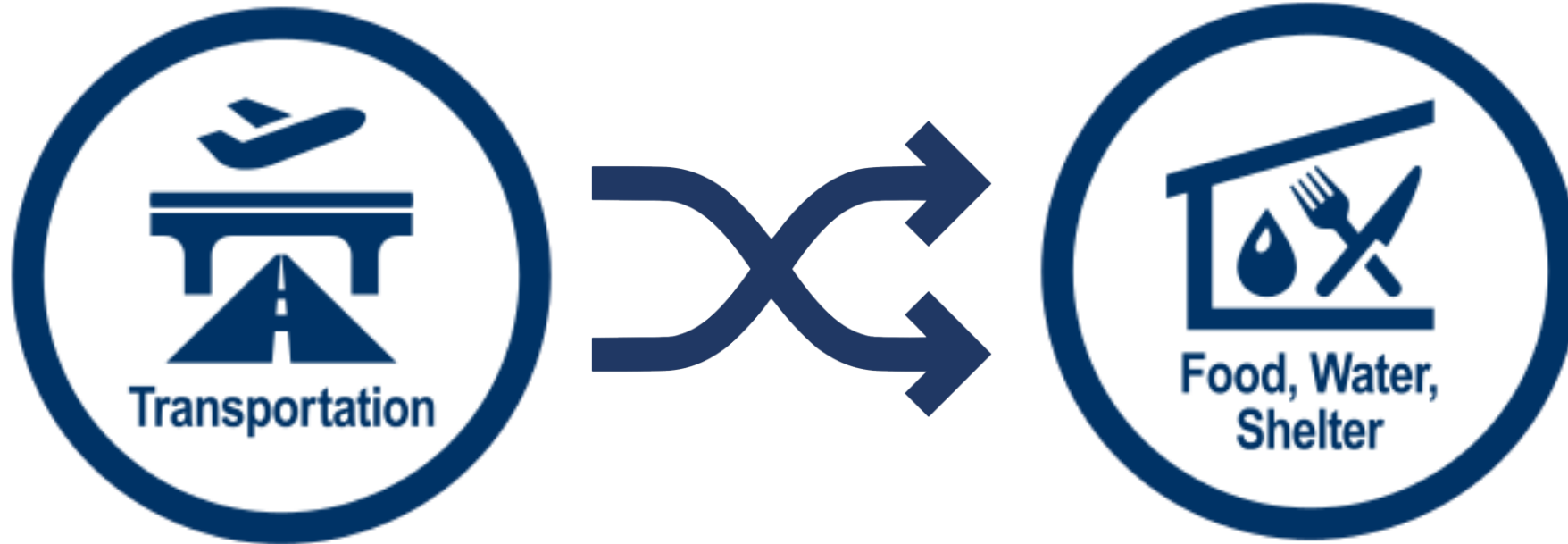
This collaborative plenary session will discuss lessons learned from the previous sessions with an emphasis on what participants plan to take back and develop into their jurisdictional plans, and to identify existing plans that may assist in building inter-jurisdictional cooperation.

Question Topics

- Lessons Learned**
- Take Backs**
- Existing Plans and Inter-Jurisdictional Cooperation**



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



Operational
Coordination



Operational
Communications



Logistics and Supply
Chain Management



Situational
Assessment

Mass Care Services

Sheltering
Ensuring Access
Feeding Hydration
Pets
Resource Distribution
Relocation Assistance
Family Reunification





CT and MCS Crossover Concept

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

Agenda Item:	Responsible:	Duration:	Time (PDT):
Welcome and Administration	EMD Exercise Team	10 Min	9:00 a.m. – 9:10 a.m.
Critical Transportation brief out on key lessons learned from the CT TTX	CT Workgroup / Facilitators	10 Min	9:10 a.m. – 9:20 a.m.
Facilitated discussion: <ul style="list-style-type: none">- Current Local Jurisdiction priority route identification- Current depiction of Shelter/CPOD(s) vs. Priority Routes<ul style="list-style-type: none">o Discuss concerns- Planning challenges- Core Capability and Functional Area Linkages	WA EMD	30 Min	9:20 a.m. – 9:50 a.m.
MCS Questions / Comments / Concerns	MCS Workgroup / Facilitators	10 Min	9:50 a.m. – 10:00 a.m.
Closing session	EMD Facilitated	Until Complete	10:00 a.m. –



Mass Care Services THIRA /SPR Reporting



WA EMD Assessment and Exercise Team



2021 Mass Care Services THIRA / SPR Reporting

Washington State MCS Standardized Capability Target

Within 4 days of an incident, provide emergency sheltering, food, and water for 451,591 people requiring shelter and 1,976,239 people requiring food and water, including 95,456 people with AFN (shelter) and 595,030 people with AFN (food & water), and 78,764 animals requiring shelter, food, and water. Maintain for 90 days

Washington State 2021 THIRA / SPR Participation

2021 WA County Participation (39 Total)					
THIRA			SPR		
Full	Partial	None	Full	Partial	None
56% (22)	20.5% (8)	23.1% (9)	41.0% (16)	7.2% (3)	51.8% (20)

Washington State 2021 THIRA / SPR Capability Analysis

2021 WA Mass Care Services Capability Achieved			
Shelter	AFN Shelter	Food & Water	AFN Food & Water
20%	57%	7%	24%

*Capability analysis is based on a CSZ event scenario but is limited by THIRA/SPR participation.



Day 2: 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

1	<p>Temporary Shelter(s) objective(s):</p> <ul style="list-style-type: none">a. Assess the shelter needs of the community.b. Describe organized community sheltering strategies and operations.c. Describe how to effectively coordinate temporary sheltering needs among jurisdictions.
2	<p>Hydration objective(s):</p> <ul style="list-style-type: none">a. Assess the hydration needs of people and pets within the community.b. Describe organized community hydration strategies and operations.c. Describe how to effectively coordinate hydration needs among jurisdictions.
3	<p>Feeding & Nutrition objective(s):</p> <ul style="list-style-type: none">a. Assess the feeding and nutrition needs of the community.b. Describe organized community feeding strategies and operations.c. Describe how to effectively coordinate feeding and nutrition needs among jurisdictions.

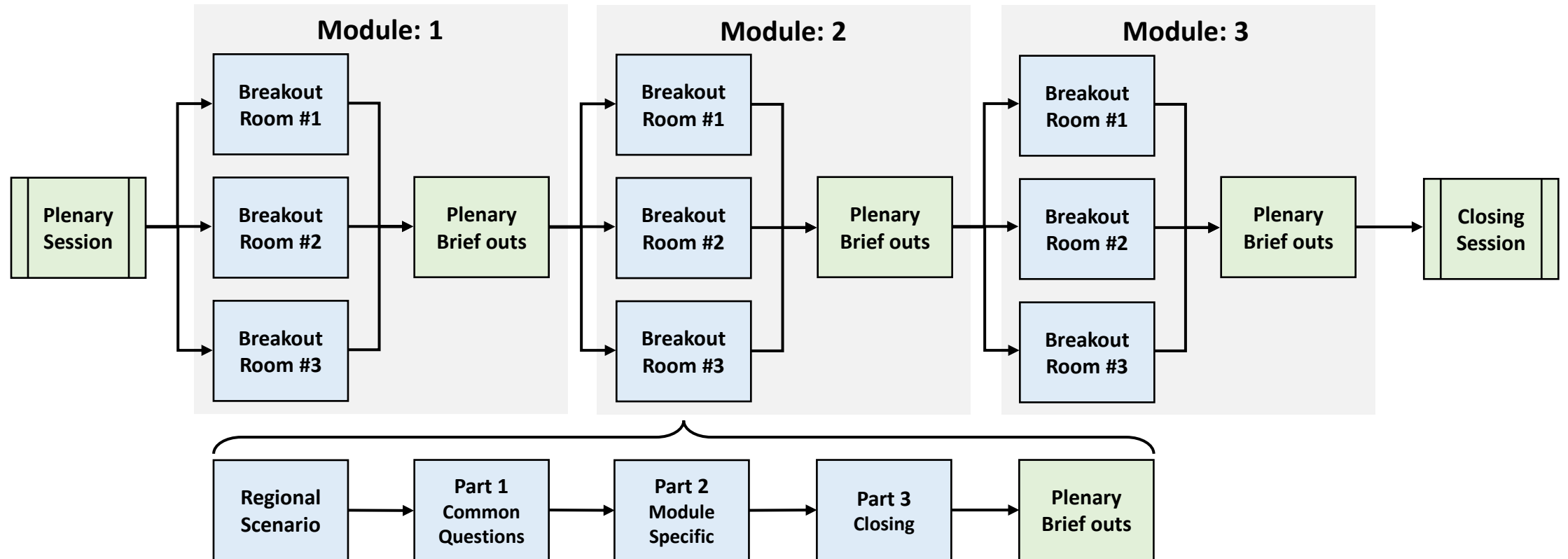


MCS TTX Schedule

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

Agenda Item:	Responsible:	Duration:	Time (PDT):
H+0-96 Motivator Video	CR22 WSV WG, WMD External Affairs	10 Min	8:00 a.m. – 8:10 a.m.
Welcome and Administration	EMD Dir, FEMA Administrator, EMD Ex Tm	10 Min	8:10 a.m. – 8:20 a.m.
H+0-96 Brief Re-Cap (MCS Lens)	MCS and Design/Planning Workgroups	10 Min	8:20 a.m. – 8:30 a.m.
FEMA Life Sustaining Operations Overview	FEMA Region 10: Mass Care/VAL	15 Min	8:30 a.m. – 8:45 a.m.
Breakout room guidance	EMD A&E	5 Min	8:45 a.m. – 8:50 a.m.
Breakout room Migration & Rules	Facilitators	5 Min	8:50 a.m. – 8:55 a.m.
BREAK		15 Min	8:55 a.m. – 9:10 a.m.
Breakout Sessions: Module 1 <ul style="list-style-type: none"> • HLS Regions 1, 5, 6 • HLS Regions 2, 3, 4 • HLS Regions 7, 8, 9 	Facilitators	3 Hours	9:10 a.m. – 10:00 p.m. Break 10:10 a.m. – 11:00 a.m. Break 11:10 a.m. – 12:00 p.m. Break
Lunch		30 Min	12:00 p.m. – 12:30 p.m.
Breakout Sessions: Modules 2 and 3 <ul style="list-style-type: none"> • HLS Regions 1, 5, 6 • HLS Regions 2, 3, 4 • HLS Regions 7, 8, 9 	Facilitators	3 Hours	12:30 p.m. – 1:10 p.m. Break 1:10 p.m. – 1:50 p.m. Break 2:00 p.m. – 2:40 p.m. Break 2:50 p.m. – 3:30 p.m. Break
Closing Session	Facilitators, EMD A&E	Until Complete	3:40 p.m. –

MCS TTX Virtual Venue Concept

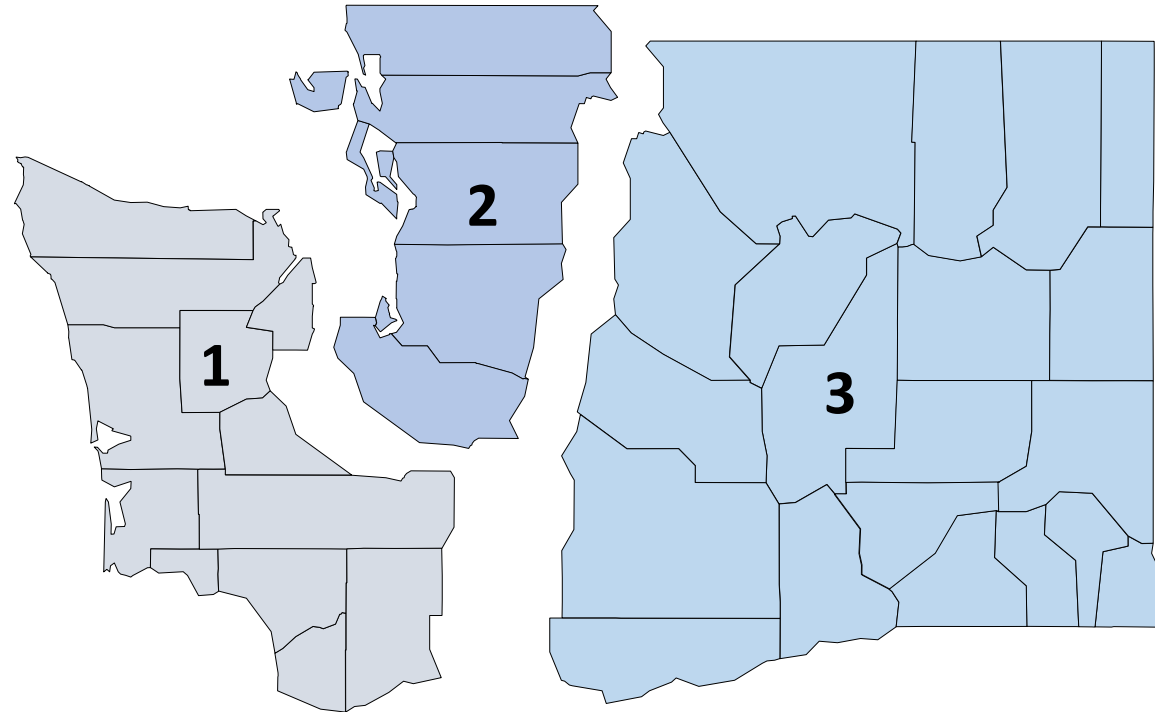


Virtual Venues:

- 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

**Recruiting
Candidates**

2: I-5 Corridor

**Recruiting
Candidates**

3: East of the Cascades

**Chandra Fox
Spokane County**



MCS Module 1 Objective and Concept

Temporary shelter(s) objective(s):

- a. Assess the shelter needs of the community.
- b. Describe organized community sheltering strategies and operations.
- c. Describe how to effectively coordinate temporary sheltering needs among jurisdictions.

Sheltering Module Concept

- Module 1 will focus on assessment of temporary shelter needs, how to prioritize and request needed sheltering resources for disaster survivors including those with access and functional needs, necessary accommodations, and pets. Participants will discuss collaborative and realistic actions to support temporary sheltering operations and the coordination and resources needed to achieve the sheltering objectives.
 - Discuss access and functional needs, religious accommodations, children/infant and elderly survivors, language barriers, and pet accommodations within a shelter strategy.
 - Explain successful resource request processes at all levels, including tribes, local, county, state and federal.
- The module will be presented in four parts: common questions, module specific questions, closing, and plenary session debriefs.



MCS Module 1 Discussion Blocks

Sheltering Question Topics

- **Identifying and Coordinating Priorities, Objectives, Support and Communication**
 - *Assess community needs*
 - *Communication and coordination*
 - *Resource request processes*
 - *Essential Elements of Information*
 - *Supporting agencies and organization*
- **Assessment**
 - *Pre-identified shelters*
 - *Post event assessment and inspection*
 - *Non-Traditional shelter stock*
 - *Evacuation, tracking, and reunification*
- **Strategies**
 - *Shelter plans, policies and procedures*
 - *Strategy options (Mutual aid, Interlocal agreements, etc.)*
 - *How to support coordination efforts if plans do not exist or aren't built to support needs*
- **Challenges and Constraints**
 - *Overcoming challenges and constraints*
 - *Identification of gaps beyond exhaustion of local resources and mutual aid efforts*



MCS Module 2 Objective and Concept

Hydration objective(s):

- a. Assess the hydration needs of people and pets within the community.
- b. Describe organized community hydration strategies and operations.
- c. Describe how to effectively coordinate hydration needs among jurisdictions.

Hydration Module Concept

- Module 2 will focus on assessment of hydration needs, how to prioritize and request needed hydration resources for disaster survivors including those with access and functional needs, necessary accommodations, and pets. Participants will discuss collaborative and realistic actions to support hydration operations and the coordination and resources needed to achieve the hydration objectives.
 - Discuss access and functional needs, religious accommodations, children/infant and elderly survivors, language barriers, and pet accommodations within a hydration strategy.
 - Explain successful resource request processes at all levels, including tribes, local, county, state and federal.
- The module will be presented in four parts: common questions, module specific questions, closing, and plenary session debriefs.



MCS Module 2 Discussion Blocks

Hydration Question Topics

- **Identifying and Coordinating Priorities, Objectives, Support and Communication**
 - *Assess community needs*
 - *Communication and coordination*
 - *Resource request processes*
 - *Essential Elements of Information*
 - *Supporting agencies and organization*
- **Assessment**
 - *Forecasting of needs*
 - *Non-traditional or Private Sector resources*
 - *Pre-identification of potential sources*
- **Strategies**
 - *Hydration plans, policies and procedures*
 - *Post event assessment and inspection*
 - *Strategy options (Mutual aid, Interlocal agreements, etc.)*
 - *How to support coordination efforts if plans do not exist or aren't built to support needs*
- **Challenges and Constraints**
 - *Overcoming challenges and constraints*
 - *Identification of gaps beyond exhaustion of local resources and mutual aid efforts*



MCS Module 3 Objective and Concept

Feeding and Nutrition objective(s):

- a. Assess the feeding and nutrition needs of the community.
- b. Describe organized community feeding strategies and operations.
- c. Describe how to effectively coordinate feeding and nutrition needs among jurisdictions.

Feeding Module Concept

- Module 3 will focus on assessment of feeding needs, how to prioritize and request needed feeding resources for disaster survivors including those with access and functional needs, necessary accommodations, and pets. Participants will discuss collaborative and realistic actions to support feeding operations and the coordination and resources needed to achieve the feeding & nutrition objectives.
 - Discuss access and functional needs, religious accommodations, children/infant and elderly survivors, language barriers, and pet accommodations within a feeding strategy.
 - Explain successful resource request processes at all levels, including tribes, local, county, state and federal.
- The module will be presented in four parts: common questions, module specific questions, closing, and plenary session debriefs.



MCS Module 3 Discussion Blocks

Feeding and Nutrition Question Topics

- **Identifying and Coordinating Priorities, Objectives, Support and Communication**
 - *Assess community needs*
 - *Communication and coordination*
 - *Resource request processes*
 - *Essential Elements of Information*
 - *Supporting agencies and organization*
- **Assessment**
 - *Forecasting of needs*
 - *Pre-identification of potential locations*
 - *Specific dietary needs*
 - *Non-traditional or Private Sector resources*
- **Strategies**
 - *Feeding plans, policies and procedures*
 - *Strategy options (Mutual aid, Interlocal agreements, etc.)*
 - *How to support coordination efforts if plans do not exist or aren't built to support needs*
 - *Food assistance programs*
- **Challenges and Constraints**
 - *Overcoming challenges and constraints*
 - *Identification of gaps beyond exhaustion of local resources and mutual aid efforts*



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)

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



Critical Transportation TTX Focused Discussion



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



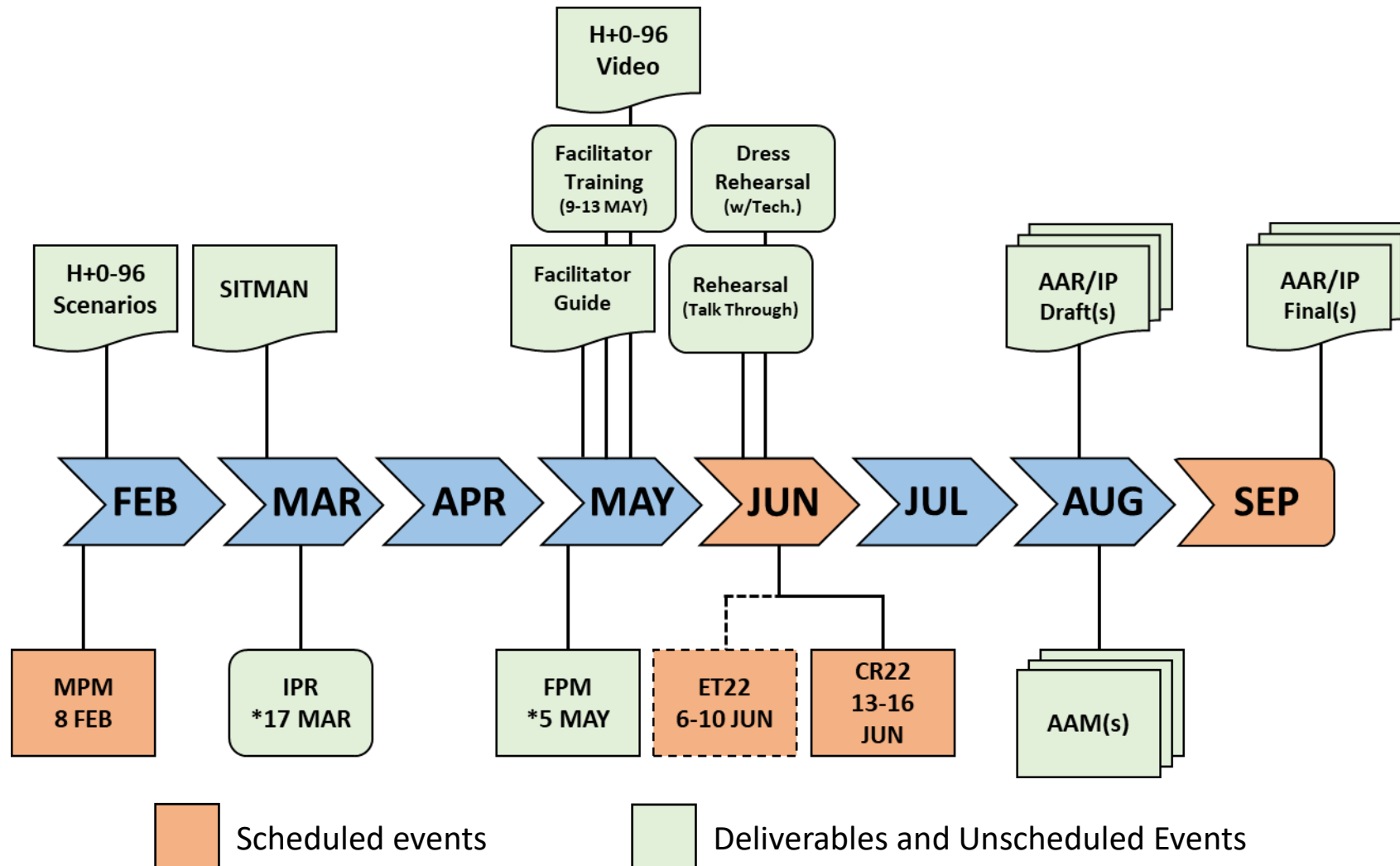
Mass Care Services TTX Focused Discussion



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

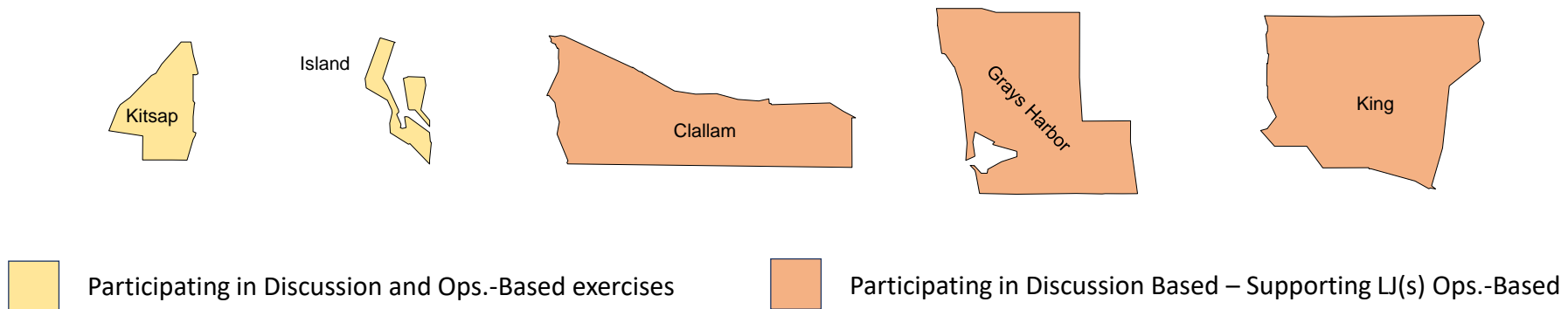


Projected Milestones





Operations Based Play Support



Participating in Discussion and Ops.-Based exercises



Participating in Discussion Based – Supporting LJ(s) Ops.-Based



EMERGENCY MANAGEMENT DIVISION

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Questions and Discussion