



Mid-Term Planning Meeting (MPM) 2.0

July 31, 2024
1:00 – 3:30 PM

Review Planning Status

September 6

IO24 Planning Cut-Off



Haven't created any documents
(Exercise Plan, MSEL, Ground Truth)



Don't have a venue(s) identified



Don't have a clear understanding of
who is playing (function, not people)

=



Time to re-think scope of participation

Review Planning Status

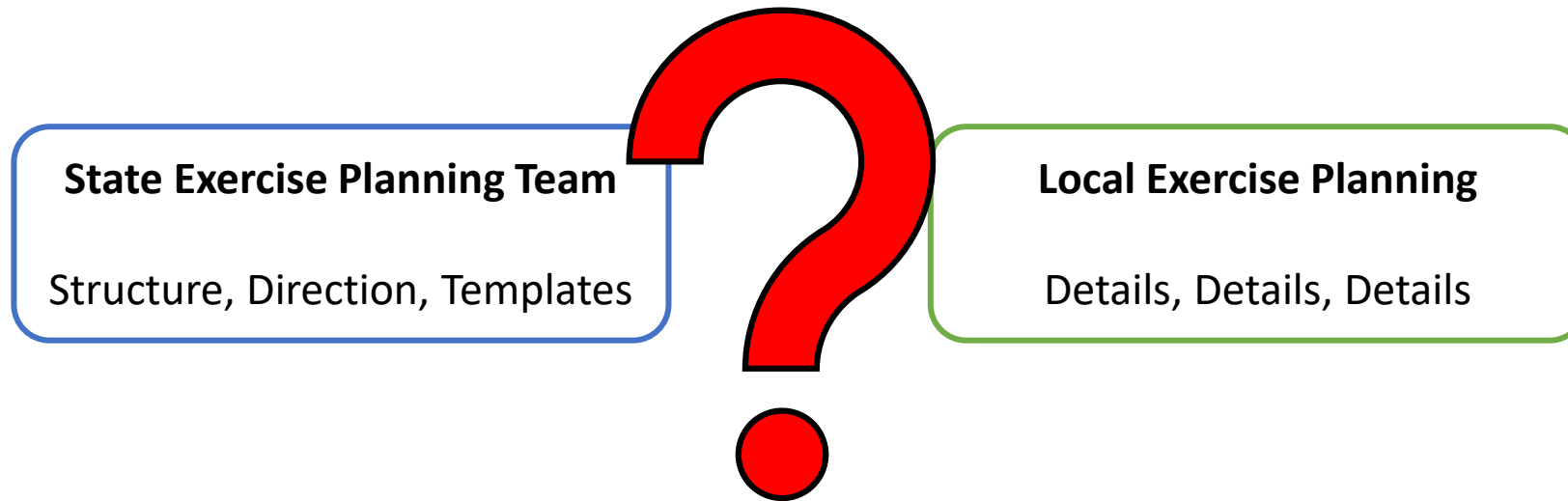
New Scope

We are not saying you can't play

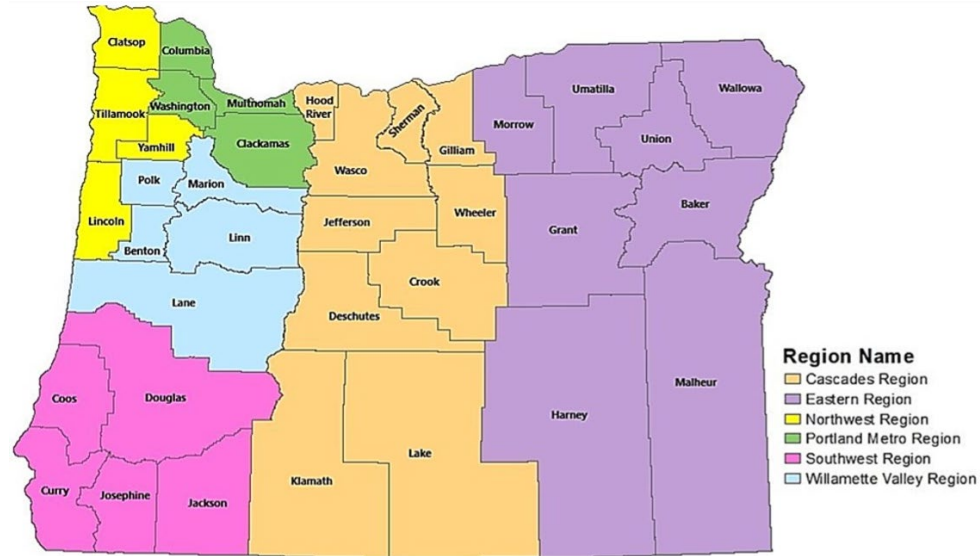
Past Concept		Post September 6 Concept
Full County EOC Activation	→	Specific Function Activation
Multi-Day Tribal Participation	→	Half Day Tribal Participation
City Full P.A.C.E Plan Test	→	City <u>P.A.</u> C.E Plan Test

Review Planning Status

State Exercise Planning Team cannot design your exercise.
You (jurisdiction, not individual) need to do it.



Exercise Participants | Local-Tribal Partner Roundtable



1. Still Planning to Play | Yay or Nay?
2. # of Days of Play & Type of Exercise?
3. Do you need Simulation Cell Support?

Ex. Bob County

1. Yes playing
2. 2 Days | Day 1 = Full EOC Functional | Day 2 = Internal TTX
3. Yes please

ESF	Play Focus	Who is Playing
1	Focus Established	Added to Comms List
2	Focus Established	Specifics Needed
3	Focus Established	Specifics Needed
4	Focus Established	Specifics Needed
5	Focus Established	Specifics Needed
6	Focus Established	Specifics Needed
7	Focus Established	Specifics Needed
8	Focus Established	Specifics Needed
9	Focus Clarification Need	Added to Comms List
10	Focus Established	Specifics Needed
11	Focus Clarification Need	Unknown
12	Focus Established	Specifics Needed
13	Focus Established	Specifics Needed
14	Focus Clarification Need	Specifics Needed
15	Focus Established	Added to Comms List
16	Focus Established	Specifics Needed
17	Focus Established	Added to Comms List
18	Focus Clarification Need	Specifics Needed

Exercise Participants State Partners

Exercise Participants | FEMA 10

FEMA X Regional Response Coordination Center (RRCC)
Extent of Play

Federal ESFs
Participating

RRCC Objectives/Vision





Exercise Document Status

STATE OF OREGON
OFFICE OF EMERGENCY MANAGEMENT

CASCADIA PLAYBOOK

WORKING DRAFT
Version 3.0



PLAY 6: Event +4 Days

Objectives:

- Assess damages to impacted areas across all sectors
- Transport displaced individuals to shelters
- Provide transportation, equipment, and services to support access and functional needs populations
- Clear debris and restore access to lifeline roadways and critical infrastructure
- Reassess damages following aftershocks
- Identify critical infrastructure outages and impacts
- Prioritize emergency response and infrastructure repairs based on interdependencies and consequences
- Forecast and develop plans for evolving threats and consequences
- Identify future needs and forecast shortfalls in order to develop contingency plans
- Plan for fatality management operations
- Provide subject matter expertise and participate in planning and response activities

ESF 1: Transportation



- Coordinate and provide traffic control, evacuation assistance and aerial support of operations.
- Coordinate aerial reconnaissance for observation of damaged areas, including viewing the condition of pre-sited open areas, pre-identified facilities, and any other standing facilities that could serve as shelters.
- Coordinate the transportation of mass care operations and personnel to impacted areas.
- Develop transportation resource list for availability and needs (additional transportation support, repair equipment and personnel).
- Obtain waivers for driver restrictions, weight limits and oversize vehicles on public roadways to support emergency transportation efforts.
- Produce and distribute situation status reports.
- Prioritize restoration of lifeline transportation systems based on operational needs, damage and safety assessments.
- (Federal Department of Transportation) Coordinate the stabilization/reestablishment of transportation systems and infrastructure.

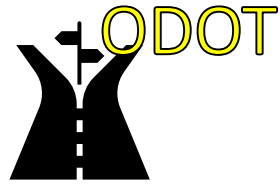
For Local/Tribal Partners & State Gov Internal Play – Not ECC-ESF

Document	Assigned To	EPT Status	Completion Rating (/10)	Separate Local-Tribal Doc
Turnover Brief	Exercise Director	In-Progress	25%	State Template & Yes
Scenario Document	Scenario Unit	Complete	100%	No
Scenario Impact Document	Scenario Unit	Nearly Complete	80%	No
Exercise Plan (ExPlan)	Exercise Director	Nearly Complete	95%	State Template & Yes
Player Placemat	Design & Development Section Lead	Nearly Complete	80%	State Template & Yes
Ground Truth	Design & Development Section Lead	In-Progress	30%	State Template & Yes
Master Scenario Events List (MSEL)	MSEL Unit Lead	In-Progress	60%	State Template & Yes
Exercise Evaluation Guides (EEG)	Evaluation Section Lead	In-Progress	50%	State Template & Yes
Control Staff Instructions (COSIN)	Design & Development Section Lead	In-Progress	50%	State Template & Yes
Evaluation Plan (EvalPlan)	Evaluation Section Lead	Nearly Complete	80%	State Template & Yes
Participant Feedback Form	Evaluation Section Lead	In-Progress	60%	State Template & Yes
Exercise Logistics Plan	Resource Support Section Lead	Nearly Complete	90%	Yes

Maps



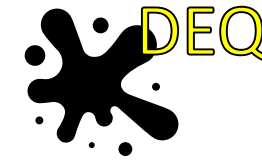
Airports



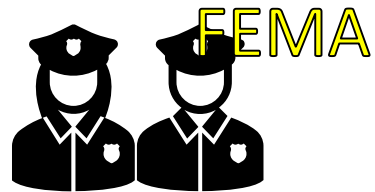
State
Roadways



Tsunami
Impacts



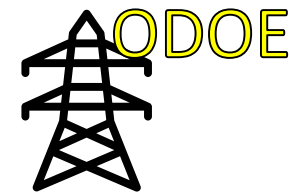
CEI Hub Oil
Spill



Federal
Force
Laydown



Cell &
Radio



Power

IO24 Turnover Brief

★ Statewide Lens ★
Do you need you own?

A

Incident/Impact
Overview

Status of State Leadership

Status of Federal Response

B

Current Missions &
Assignments

C

Pending Resource
Requests

Requests of the State

State Requests → Feds



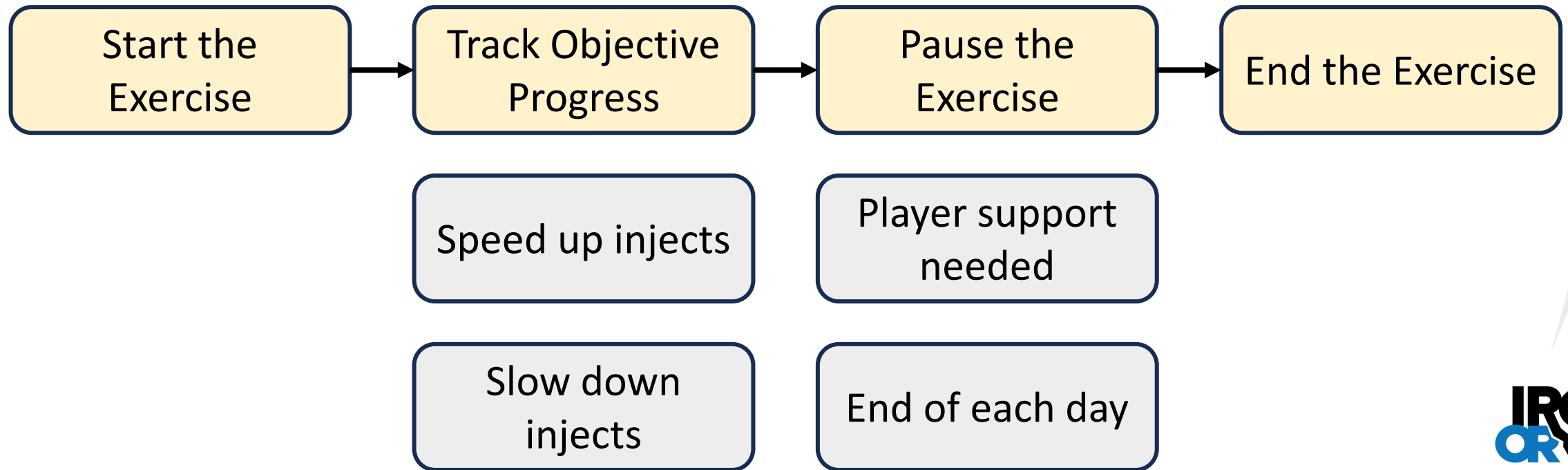
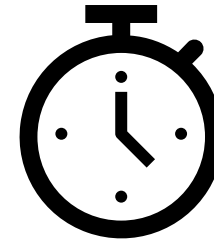
Master Control Cell (MCC)

Status and Needs

Exercise Venues & Controllers

Each exercise venue needs a Controller

Controllers = Time Management



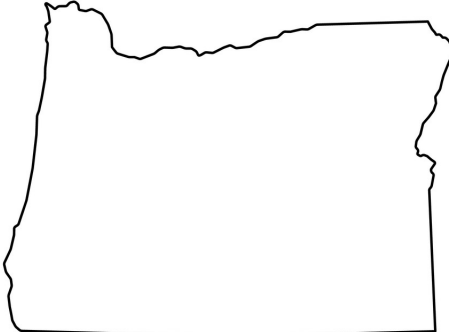
Exercise Venues & Controllers

[Exercise Plan \(ExPlan\)](#)

[IronOR 24 Functional Exercise](#)



State Peers



Statewide Peers

List of Exercise Venues

Jurisdiction	Exercise Venue	Venue Controller
State of Oregon ECC	3930 Fairview Industrial Drive SE, Salem, OR 97302	Zachary Glenn Zachary_glenn@oem.oregon.gov
Corrections		
ODHS-OREM		
Benton County	180 NW 5 th Street, Corvallis, OR 97330	Chelsea Chytka chelsea.chytka@bentoncountyor.gov
Coos County		Chip Delyria cdelyria@co.coos.or.us
Clackamas County		
Clatsop County	355 7 th Stret, Astoria OR 97103	Michael Nelon
Crook County	455 SW Airport Road, Prineville, OR 97754	Andy Pearson andy.pearson@crookcountysheriff.org
Deschutes County	63333 W United States Highway 20, Bend, OR 97701	Nathan Garibay nathan.garibay@deschutes.org
Douglas County	1036 SE Douglas Street, Roseburg OR 97470	Emily Ring emily.ring@douglascountyor.gov
Harney County	485 N Court Street, Burns 97220	





Master Scenario Events List (MSEL)

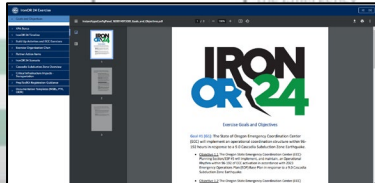
Status & Needs

The MSEL is a chronological timeline of expected actions and scripted events (injects) to be introduced into the exercise play by controllers to generate or prompt player activity required to accomplish exercise objectives.

Purpose: What will exercise players need funneled to them to meet the exercise objectives

MSEL									
Event Number	Time	Event Type	Event Mode	From	To	Message	Expected Response	Exercise Objective	Notes
1	0830	Inject	Phone Call	Citizen	911 Center	I would like to report an accident. It appears a truck has crashed and is leaking on the highway.	911 center notifies HAZMAT unit	Demonstrate the ability of Central City staff to receive, develop, and disseminate a public alert utilizing Central City's notification system regarding a HAZMAT spill within 15 minutes of initial notification, in accordance with the Communications Annex in the Emergency...	911 Center has new (no record)

Template Found....



Example-O1.3

Are there resource requests from partners that are not playing that can support your players practice receiving and managing incoming requests?



Injects Due September 6 = Rachel.foley@oem.Oregon.gov

MSEL

Event Number	Time	Event Type	Event Mode	From	To	Message	Expected Response	Exercise Objective	Notes
1	0830	Inject	Phone Call	Citizen	911 Center	I would like to report an accident. It appears a truck has crashed and is leaking on the highway.	911 center notifies HAZMAT unit	Demonstrate the ability of Central City staff to receive, develop, and disseminate a public alert utilizing Central City's notification system regarding a HAZMAT spill within 15 minutes of initial notification, in accordance with the Communications Annex in the Emergency Operations Plan.	911 Center has been notified



State MSEL Sync Meeting
 August 15
 8:30-4:30



Local-Tribal MSEL Sync Meeting
 September 10
 8:30-4:30

If injects are not received by the above date, your players will have nothing to engage with during the exercise.

MSEL Sync Meeting

A MSEL Synchronization Meeting consolidates all injects and reviews them for:

- Accuracy
- Timing
- Realism
- Conflicting Actions
- Identify Gaps
- Proper consideration for Players

Current MSEL Status

MSEL

197 State ECC Injects

49 Local Injects (2 county level submissions)

The goal is to receive at least 18-24 ECC injects per ESF to have a successful exercise. This will allow for 6-8 injects per exercise days for each ESF.



Scenario & Ground Truth Status & Needs

Scenario Document



Exercise Scenario

Note that the scenario outlined below is a summarized version for initial awareness purposes, a more detailed Scenario Document will be made available to players prior to participation and on the Player Placard for reference any time during the exercise.

Disclaimer: This scenario is designed for exercise purposes only. The scenario is intended to be realistic but are not meant to be a precise representation of earthquake impacts or response activities. The information in this report is not predictive; there may be significant differences between this scenario and published modeled results and actual losses following a real-world Cascadia Subduction Zone earthquake and tsunami.

Exercise Scenario Timeline

At 8:00 A.M. on October 25, 2024, the Cascadia Subduction Zone released the centuries-long stress built up on the margin between the Juan de Fuca Plate and the North American Plate. A 9.0 magnitude earthquake started and encompassed the nearly 700 miles (1100 km) long fault. The earthquake impacted the entire fault zone, rupturing from end to end, causing one great earthquake that was felt throughout the Pacific Northwest.

Within seconds of the fault's rupture at the southern end, seismic waves started impacting coastal communities in Curry and Coos Counties. As the rupture expanded northward, shaking intensified on the south coast of Oregon and Northern California. The shaking intensity along the coast rose to MMVI (strong shaking) and continued to rise as the shaking continued.

As the locked zone released the pressure, the North American Plate slipped ~80 feet (~25 meters) west, causing an uplift of the ocean floor. This displacement caused the water column to rise, generating a tsunami. The tsunami split with waves going both east and west at about 500 miles per hour.

By 8:02 A.M. on October 25, 2024, Eugene, Salem, and Portland communities began to feel the first shaking. The shaking continued for 2-3 minutes. While the shaking was not as strong as on the coast, the nature of the long seismic waves generated by a subduction zone earthquake means that more damage likely occurred to larger, older structures. The rupture continued northward, and the coastal areas of Washington state began to feel the effect of ground shaking.

Across Oregon, power went out, and cellular communication was significantly impacted. A significant number of unreinforced masonry, non-ductile concrete, and tip-up buildings collapsed, and bridges across the Coastal region and Willamette Valley collapsed or shifted off supports. Coastal subsidence caused a drop of 3-6 feet (1-2 meters), depending on location, which in turn caused an inrush of ocean water.

At 8:15 A.M. on October 25, 2024, the first tsunami surges arrived on the outer coasts of Curry and Coos Counties. On the North coast of Oregon, the leading trough of the tsunami caused a drawdown, and the water temporarily receded from the coast. The initial waves were followed by a series of increasingly larger surges, averaging 30-50 feet (9-15 meters) high and in some areas, even higher. At 8:45 A.M. on October 25, 2024, the tsunami surges reached the Clatsop Spit, entered the Columbia River, and impacted the town of Astoria.



The tsunami generated by the earthquake wrought destruction along the Pacific Northwest coastline. These waves inundated coastal towns, sweeping away homes, businesses, and critical infrastructure. Entire neighborhoods were reduced to rubble, and thousands of residents were either swept out to sea or trapped beneath the debris. The force of the water uprooted trees, overturned vehicles, and left a thick layer of mud and wreckage in its wake. Ports and marinas were decimated, disrupting the local fishing industry and cutting off essential supply lines. The environmental impact was severe, with the tsunami waves causing extensive erosion and depositing hazardous materials across the landscape.

Additional Tsunami inundation area can be found through the following [GIS map](#) – areas in yellow and brown have been significantly impacted.

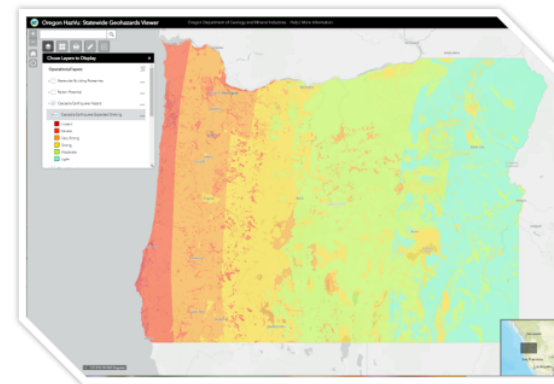
At 9:00 A.M. on October 25, 2024, the first of thousands of aftershocks was felt along the coast. These aftershocks will lessen in frequency and magnitude over time. In the first 24 hours after the main shock, there were dozens of aftershocks in the 4.2-5.3 magnitude range. With more intense aftershocks listed below those are listed below:

- 7.4 Mw, October 26, 2024, at 12:31 A.M.
- 7.1 Mw, October 26, 2024, at 3:37 P.M.
- 5.7 Mw, October 27, 2024, at 1:15 P.M.

Exercise Scenario Impacts

This earthquake and subsequent tsunami had a significant impact across the State of Oregon, with the shake intensity felt last Friday shown in the image below:

Figure 2. Shake Intensity map of Oregon (DOGAMI HAZVu)



Scenario Impacts Document

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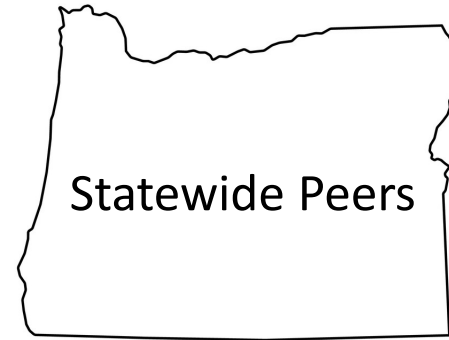
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Ground Truth Status & Needs

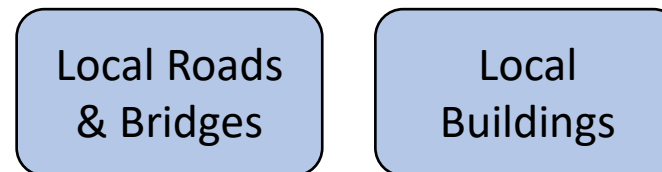


State Peers

Big Picture & State Infrastructure Impacts



Local Infrastructure Impacts



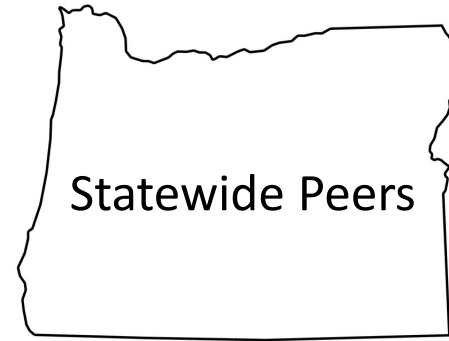
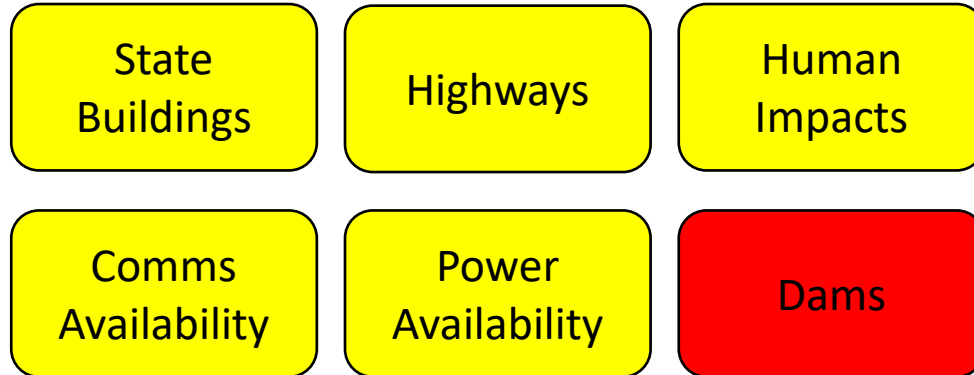
**Ground Truth provides specific details for players to reference during play.
No GT = SimCell spends a lotttttttttttttt of time acquiring impacts.**

Ground Truth Status & Needs

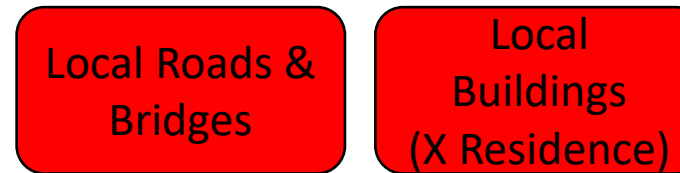


State Peers

Big Picture & State Infrastructure Impacts



Local Infrastructure Impacts



We have 1 GT from Local-Tribal Partner

We cannot create this detail for your players

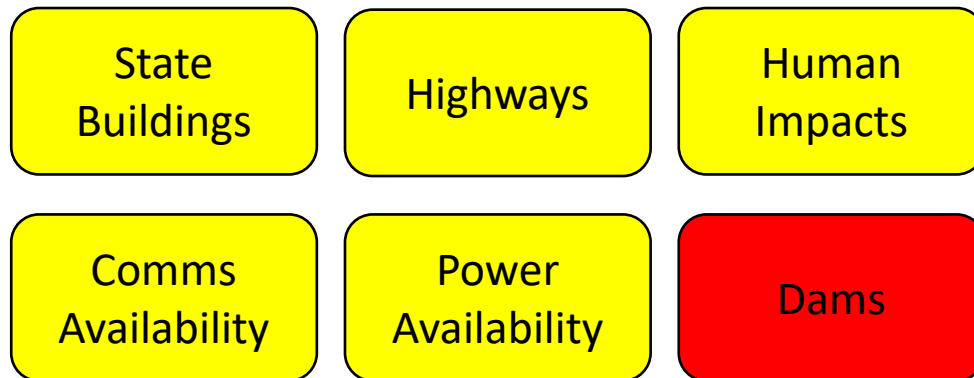


Ground Truth Status & Needs



State Peers

Big Picture & State Infrastructure Impacts



ESF	Other Impacts
1	--
2	PSAP Status
3	--
4	Spot Fires, State IMTs
5	--
6	Shelter Status, Food/Water Status
7	--
8	Hospital/Healthcare Status
9	S&R Assets
10	Hazmat Incidents
11	Animal Impacts & Response Teams
12	Fuel Status
13	Correctional Facility Status
14	--
15	--
16	Active COAD/Volunteer Groups
17	--
18	ONNG Asset/Resource Status

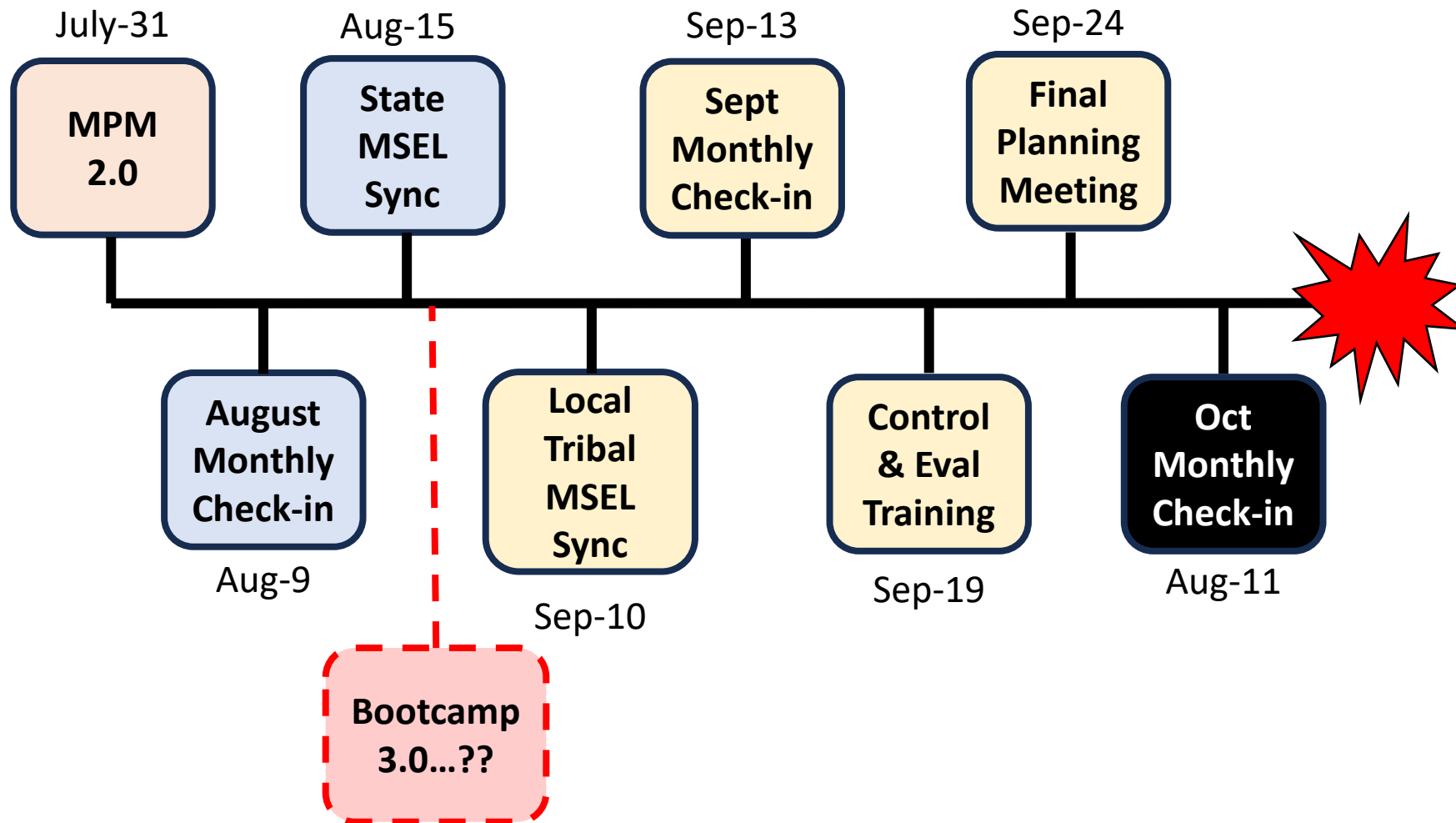
Ground Truth Status & Needs

State ESF/OERS Due = August 9th

Local/Tribal Due = September 20th



Coming Up



PLEASE keep planning internally – exercise planning team is here to help you (documents, coordination, etc.)

Current Due Dates (As of July 31, 2024)

Action Item	Due Date	Due To
Determine extent of play (# of days, which objectives, etc.)	ASAP!	<i>Internal Coordination</i>
Coordinate w/ partners to determine <i>who</i> is playing.	ASAP!	<i>Internal Coordination</i>
Identify individuals to be Venue Controllers for your exercise (SimCell)	August 2, 2024	Control Lead Kayla Thompson Kayla.thompson@oem.oregon.gov
Identify individuals to participate as Simulators in the Simulation Cell (SimCell)	September 10, 2024	Control Lead Kayla Thompson Kayla.thompson@oem.oregon.gov
Develop Ground Truth for Jurisdiction/Organization	September 6, 2024	Scenario Unit Althea Rizzo Althea.rizzo@oem.oregon.gov
Develop Master Scenario Events List (MSEL) : Injects, contingency inject, expected actions	September 6, 2024	MSEL Unit Rachel Foley Rachel.foley@oem.oregon.gov
Identify your Lead Evaluator	August 30, 2024	Evaluation Section Lead Emmanuel Elizarraga emmanuel.elizarraga@oem.oregon.gov

OEM Storyboard

IronOR 24 Exercise

instantAppsConfigPanel_1699914973081_Goals_and_Objectives.pdf | 1 / 3 | 100%

IRON OR 24

Exercise Goals and Objectives

Goal #1 (G1): The State of Oregon Emergency Coordination Center (ECC) will implement an operational coordination structure within 96-192 hours in response to a 9.0 Cascadia Subduction Zone Earthquake.

- Objective 1.1** The Oregon State Emergency Coordination Center (ECC)-Planning Section/ESF #5 will implement, and maintain, an Operational Rhythm within 96-192 of ECC activation in accordance with 2023 Emergency Operations Plan (EOP) Base Plan in response to a 9.0 Cascadia Subduction Zone Earthquake.
- Objective 1.2** The Oregon State Emergency Coordination Center (ECC)



Open Discussion

