



Cascadia Subduction Zone (CSZ)
Catastrophic Earthquake and Tsunami Exercise 2022

Lincoln County, Oregon

Exercise Planning & Events Overview

Exercise on: June 9 – 16th, 2022

Presented on: July 12, 2022



Public Health
Prevent. Promote. Protect.

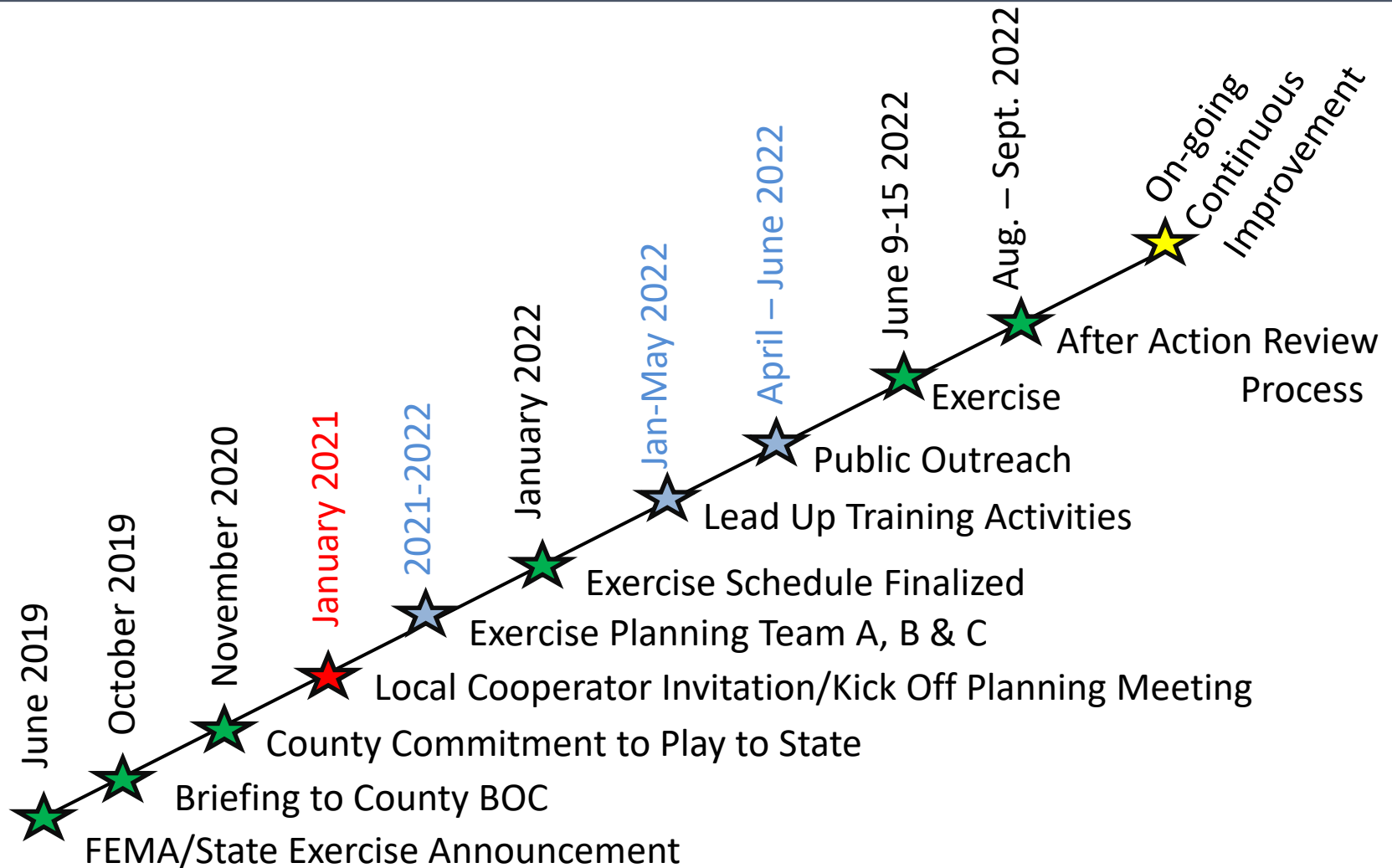
Lincoln County

Exercise Overview

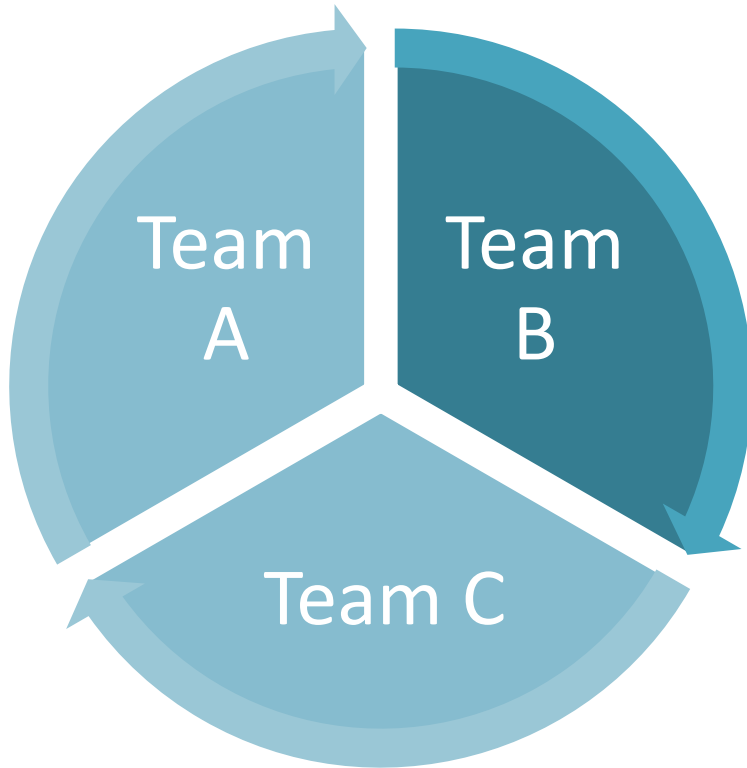
- Planning Timeline - Local
- Planning Team
- Lead Up Activities
- Schedule of Events
- Partnerships and Participation
- Focus Areas 2022 vs 2016
- Continued Response Planning – Next Steps



Planning Timeline - Local



Planning Team



- Team A – Exercise Development
- Team B – Pre-Development of Catastrophic Response Documents
- Team C – Public Outreach Campaign



Lead Up Activities – Training for Cooperators

Situational
Assessment &
Reporting

Emergency
Declarations

EOC
Operations
Training

ICS
300/400/Forms
Training

Resource
Ordering &
Tracking

Senior
Leadership
(Policy)

Animals in
Disasters
Training

Sheltering
Operations

Public Info –
Joint Info
Center

FEMA
Community
Lifelines

Amateur Radio
Technician
Course



Lead Up Activities - Public Outreach by Cooperators

Cascadia
Presentations (7)

Readiness Fairs (2)

Amateur Radio
Technician Course

Basic CERT Course

Social Media &
Lincoln Alerts
Campaign

Drill –
Drop/Cover/Hold-
on & Evacuate



Exercise Schedule – Lincoln County

Date/ Scenario Day	Thursday, June 9 th	Saturday, June 11 th	Monday, June 13 th	Tuesday, June 14 th	Wednesday, June 15 th
	<i>Scenario Day 1</i> 9.0 Earthquake & Tsunami	<i>Scenario Day 3</i> Aftershocks up to 7.5	<i>Scenario Day 5</i> Aftershocks subside	<i>Scenario Day 6</i>	<i>Scenario Day 7</i>
What	A. Drop, Cover & Hold On Earthquake Drill B. Lincoln Alerts Annual Test	A. Community Rapid Needs Assessment and Amateur Radio Comms Exercise B. Shelter Operations Drill	A. County EOC Ops Shift 01 B. EOC Field Ops Open House	A. Pre ICS/EOC Refresher B. Earthquake/Tsunami Tabletop (TTX) Exercise	County Cascadia Operational Response Exercise - Functional
Who	All Agencies & Public	A. CERT Chapters, Auxiliary Communications B. Red Cross & Medical Reserve Corps	A. County EOC Team B. Agency Leadership	City/Co/Tribal, Public Safety, Health, Utilities, Public Works, Roads	County EOC Team Shift 02 City/Tribal Leadership
When	A. 9-10am B. 9am – 1pm	A & B. 9am – 1pm	A. 8-11am B. 11am – 2pm	A. 8 – 9:30am B. 10am – 4:00pm	8am – 2pm *Cities/Tribal will have smaller timeframes
Where	At home agency	A & B. Coastal Neighborhoods & County Commons	County Commons	Newport Armory	At home agency, County EOC at County Commons



Partnerships & Participation

- City, County, Tribal
- State, Federal
- Non-Governmental Organizations
- Special Districts
- Volunteer Organizations
- Private Sector
- Community Organizations
- Public



Focus Areas

**City, County, Tribal,
State, Federal**

**Emergency
Operations Centers
&
Emergency
Coordination
Centers**

Auxiliary
Communications

Situational
Assessment &
Reporting

Resource
Ordering &
Tracking

Crisis Leadership
& Decision
Making

FEMA
Community
Lifelines

Emergency
Declarations

EOC Field
Operations

COOP –
Catastrophic Go
Kits



Cascadia Rising 2016 vs. 2022

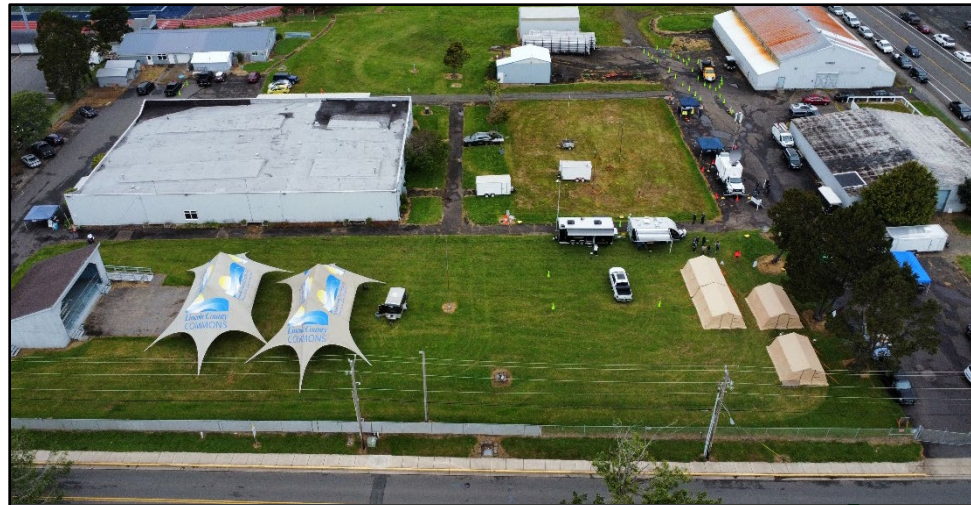


2016:

- Focus on Immediate Response
 - 0 hr to Day 4
- Primitive EOC Field Operations & Amateur Radio
- Auxiliary Communications - County to State

2022:

- Start at Scenario Day 5
- Focus on “Catastrophic” Local Government Response
- Expanded EOC Field Operations
- Integrated Auxiliary Communications – City-Co-Tribal-State



Exercise Highlights

- Auxiliary Communications and CERT Initial Damage Assessment
 - 4 CERT Chapters – Lincoln Co
 - Auxiliary Communications relay of field information to local (County) EOC's
 - New Rapid Needs Assessment Form
- EOC Field Operations Open House
 - Opportunity to view grant funded emergency response equipment, supplies
 - Opportunity to meet and hear about public safety volunteer groups
 - Opportunity to identify gaps in catastrophic needs for response



Exercise Highlights

- Tabletop

- 8 Organizational Tables
 - 14 State Agencies
 - 4 Federal Agencies
 - 1 County
 - 5 Cities
 - 1 Tribe
- 110 Participants
- 39 Agencies
- Focus Areas
 - Fuel Priorities, Ordering
 - Information Management – Auxiliary Communications
 - Priority Road Clearance Routes

- EOC Field Operations

- City, Tribal, Hospital, County State EOC's & ECC's
- Focus Areas
 - Trial new ISNAP – Incident Snapshot form for situational assessment specific to Cascadia event
 - Trial new local fuel resource ordering form
 - County EOC Field Operations – summarize incoming info to State ECC



Pictures



Pictures





Continuous Improvement – Next Steps

- 2022 Follow-up
 - Expansion of Catastrophic Go Kits for Local Government
 - Finalization of Initial Priority Clearance Routes
 - Finalization of Pre-Fuel Prioritization Resource Orders
 - Continue Auxiliary Communications Expansion

- 2023 Cascadia Rising Focus Areas
 - Mass Care and Sheltering
 - Medical First Aid Stations
 - Hospital Surge – Catastrophic Support
 - Participate with State/Federal Coordination



Local Government Catastrophic Go Kits

- Each City/Co/Tribal EOC
- Contains critical documents for immediate response regardless of technology specific to Cascadia
 - Guides
 - Plans
 - Forms
 - Maps
 - Resource Rosters
 - Communications

Tab #	Category	Description
A.01	Guide	Initial Responsibilities/Priorities/Objectives/Tasks
A.02	Guide	Amateur Radio User Guide - how to engage and utilize amateur radio operators from the County
A.03	Guide	SitRep and Resource Ordering User Guides - how to report/request to County Gov't during catastrophic events with no primary communications
A.04	Guide	Unaffiliated Volunteer Coordination
A.05	Guide	Incorporating Restoration of Community Lifelines In Response Strategies
B.01	Plan	EOP – Emergency Operations Plan
B.02	Plan	Local EM Ordinance
B.03	Plan	Line of Succession
B.03	Plan	COOP – Continuity of Operations Plan
C.01	Form	Declaration and Delegation of Authority Forms (prefilled for Cascadia event)
C.02	Forms	ICS-EOC Forms (some prefilled specific to Cascadia response)
C.02	Forms	Resource Ordering
D.01	Maps	Local Jurisdiction, County, State
D.02	Maps	Tsunami Inundation Areas
D.03	Maps	Fire Districts and Forestry
E.01	Resource Information	Jurisdictional Demographics (population, etc. from census)
E.02	Resource Roster	Paid staff, elected officials, pre credentialed volunteers
E.03	Resource Roster	Critical Infrastructure and Key Resources Roster (CIKR)/Community Lifelines
E.04	Resource Roster	Staging Areas for Incoming Supplies, Helicopter Landing Sites
E.05	Resource Roster	EOC Staff Care and Well Being Items (food, water, sleeping needs, personal hygiene items)
E.06	Resources	Resource Ordering Tracking Process
F.01	Communications	Agency inventory of back-up communication devices
F.02	Communications	Daily reporting schedule Cities/Tribal/County/State (daily 24hr clock)
F.03	Communications	Downtime Contact Rosters – other agencies
G.01	Equipment	Portable hard drive with all digital documents listed below



Expansion of Catastrophic Go Kits

➤ Local Government Go Kits focus on

- Agency line of succession plan
- Emergency contact information (amateur radio/sat phones/other)
- Guide - how to utilize Amateur Radio Operators to relay messages
- Catastrophic Emergency Declaration – specific to Cascadia event, prefilled
- Initial response checklist/guide – restoration of Community Lifelines
- ICS 201 – Initial briefing form and immediate response checklist/guide
- ICS 202 – Response objectives for (1-7 days, 7-14, 14-28, Month 2, Month 3 specific to Cascadia response)
- Resource Requests for Fuel, Food, Water Purification, Medications, Medical Personnel – prefilled
- Community situational assessment guide utilizing rapid needs assessment forms/processes
- Downtime –no technology resources – printed maps, forms prefilled





Questions?



Contact Information

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