

# Panel 3: Implementation



**SERGIO ACEVES**

Caltrans



**LAUREN GULARTE**

WETA



**AARON JOHNSON**

PG&E



**GARRETT THOMSEN**

CalOES



**SOPHIE DOUGLAS**

Bay Planning Coalition

MODERATOR



# Panel 3: Implementation

Sergio Aceves

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*Acting Statewide Division Chief of Maintenance*

Caltrans







**BPC Spring Summit, May 23, 2023**  
**Sergio Aceves, Chief, Division of Maintenance**



# Caltrans Emergency Response Approach



Chief, Division of  
Maintenance

- The Department Director officially designated the Division Chief of Maintenance as the Caltrans Emergency Manager. Sergio Aceves is the current Department Emergency Manager.
- Prakash Sah is the Deputy Division Chief for Emergency Operations and Vegetation Management sub-division.
  - Office of Emergency Management
  - Office of Wildfire and Vegetation Management
  - Office of Support and Disaster Reimbursement
  - Office of Radio Communications
- The Caltrans Emergency Manager is responsible for Caltrans' overall preparedness, response and short-term recovery operations for the department.
- The Office of Emergency Management works with HQ Divisions and the Districts to coordinate and execute incident action objectives approved by the Emergency Manager.







# Caltrans Emergency Response

Emergencies in the State of California start local and end local

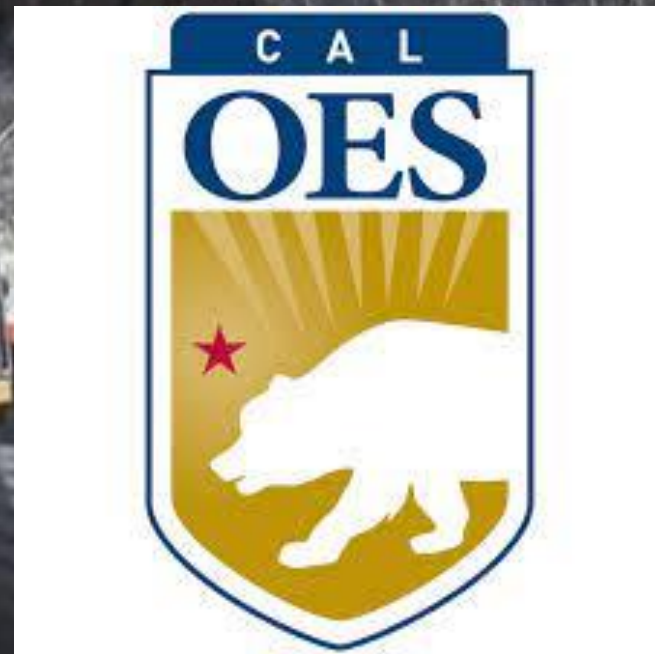
Caltrans participates as a stakeholder in city and county emergency planning and when emergency incident expand beyond their capabilities. Caltrans responds as a State partner agency.





# Unified Command

Agencies Leading Together





# Efforts Are Largely Organized Through Emergency Support Function 1 - Transportation

- CA-ESF 1 includes:
  - Roads and Bridges
  - Rail
  - Transit
  - Aviation
  - Maritime
- The State Transportation Agency (CalSTA) is the policy lead for CA-ESF 1, Caltrans is the operational lead
- Caltrans supports most all of the other ESFs, as well as sits on emergency Advisory Boards, task forces, advanced planning team, regional planning teams, etc







I-5 (Golden State Fwy) bridge failure, 1971, D-07



# Caltrans Emergency Capabilities

## ➤ Caltrans Core Highway Emergency Response Divisions

- Maintenance (field maintenance)
  - Emergency Operations & Vegetation Management (Communications, Emergency Management SME's, Reimbursement)
  - Structure Maintenance & Investigations (Bridge Engineering)
  - Maintenance Warehouse
- Traffic Operations (TMC's / TMTs)
- Engineering Services (Structure and Geotechnical Engineers)
- Division of Equipment (Equipment transport and coordination)
- Construction (Structure Engineers & Vendor contacts)

## ➤ Caltrans Supporting Response Divisions

- Procurement and Contracting (Resources)
- Planning and Modal Programs
  - Rail, transit, aviation, maritime, freight mobility, climate adaptation
- Many others as need by the incident...





# Engaged in All Phases of the Emergency Cycle

## ➤ Prevention

- Fuels reduction, vegetation management, improved design standards

## ➤ Mitigation

- Employing best practices to reduce the effects of incidents

## ➤ Preparedness

- Lead and support internal and external planning, training, and exercises

## ➤ Response

- Improving response actions for faster mobilization and collaboration with key partners

## ➤ Recovery

- Improving major damage program to help communities return to some degree of normalcy





# Major Damage Culvert Failure D10 2018





# Summary

- ❖ Caltrans takes an all-hazard approach to emergency response
- ❖ We incorporate multi-modal systems under CA-ESF 1 to maximize support to communities
- ❖ We look to many of our internal programs to augment field operations
- ❖ We partner with communities during drills and exercises
- ❖ We continually look for opportunities to advance our readiness





# 2023 SPRING SUMMIT

*Emergency Preparedness & Response*

 Bay Planning Coalition



# Panel 3: Implementation



Lauren Gularte

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*Government & Regulatory Affairs*

Water Emergency Transit Authority (WETA)





# San Francisco Bay Area Water Emergency Transportation Authority

**Bay Planning Coalition's Spring Summit**  
**May 24, 2023**

**Lauren Gularte**  
**Government & Regulatory Affairs Manager**



# Water Emergency Transportation Authority

- Created in 2007
- Three pronged mission:  
Expand, consolidate and provide  
emergency response
- Assumed city-run services in 2011, 2012
- Opened South SF in 2012, Richmond in 2019,  
Seaplane Lagoon in 2021
- 18 Staff, 5-member Board







- 6 Routes
- 12 Terminals
- 16 High speed vessels
- Operations funded by bridge tolls and fare revenues
- Operating budget \$68M, Capital budget \$75M



# Projects Supporting Emergency Response: New Maintenance Facilities

*North Bay Operations and Maintenance Facility  
Mare Island, CA*

*Central Bay Operations and Maintenance Facility  
Alameda, CA*

- 48,000 gallons of fuel
- Emergency Operations Center
- Built to essential standards

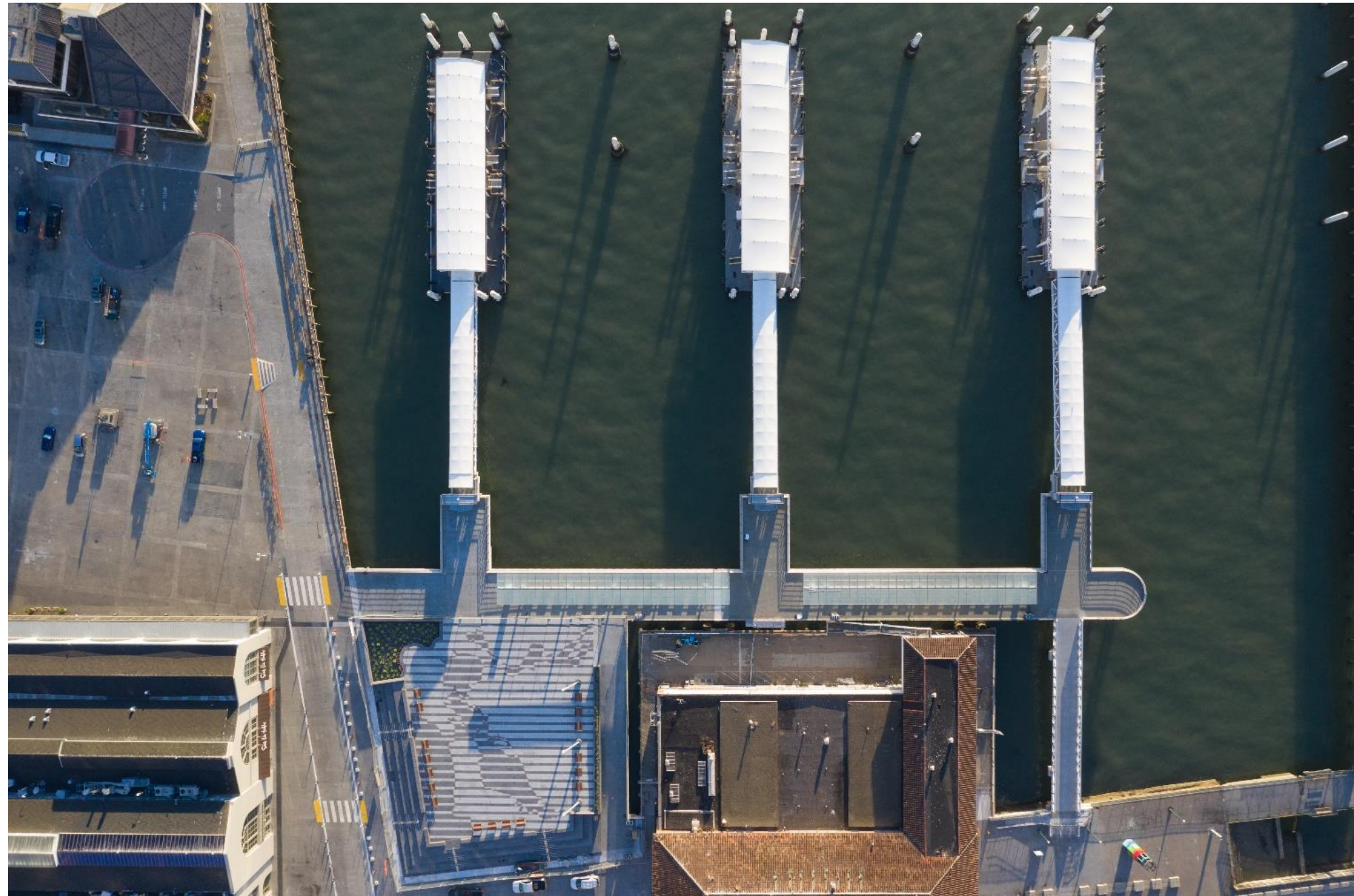




# Projects Supporting Emergency Response: Expanded SF Terminal

## *Downtown San Francisco Terminal*

- New hub for WETA system, expands capacity
- Allows for expanded service
- Important staging area for emergency response activities
- Completed in August 2020





# Projects Supporting Emergency Response: Richmond Terminal & Service

*Richmond, CA*

- Opened January 2019
- 35-minutes to SF
- Ridership was growing prior to pandemic





# Projects Supporting Emergency Response: 11 New Vessels



- Hydrus Class (400 pax)
  1. Hydrus
  2. Cetus
  3. Argo
  4. Carina
- Pyxis Class (445 Pax)
  1. Pyxis
  2. Vela
  3. Lyra
- Dorado Class (300 Pax)
  1. Dorado
  2. TBD (2023)
  3. TBD (2024)
  4. TBD (2025)







# WETA's Role in Emergencies

- Assess and monitor the status of water transit resources
- Manage and coordinate: own assets, mutual aid assets and contracted vessels
- Create and implement an emergency water transportation service plan based on the California Office of Emergency Services (Cal OES) requirements





# Emergency Response Plan

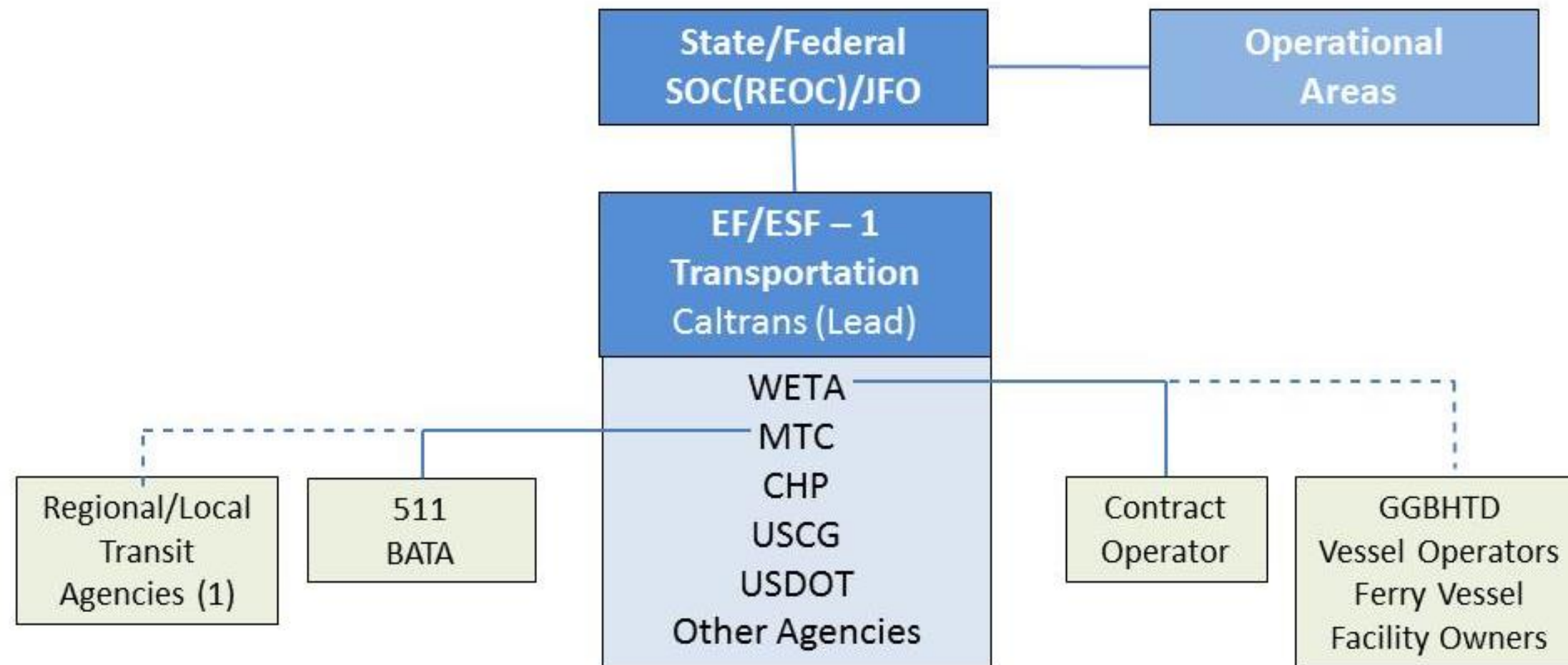
Approved by the Board of Directors in March 2016. Describes:

- Activation triggers
- How WETA fits into the Regional Emergency Framework
- Operational principles and priorities, Courses of Action (COAs)
- WETA resource requirements
- Emergency water transportation planning
- Resource management, emergency funding
- Includes internal Emergency Operations Plan





# How WETA fits into the Regional Emergency Framework



— Lines of Control  
- - - Lines of Coordination

(1) Local transit agencies may report to OAs



# Emergency Water Transportation Operations

- Movement of survivors:
  - Leaving homes/workplaces due to evacuation orders
  - Fled area due to an immediate life safety threat
- Movement of first responders and DSWs
- Lifeline transportation services to communities to promote recovery operations



# Emergency Water Transportation Planning

- Response priorities and Action Planning process
- Priority transportation routes
- Movement of survivors & first responders/DSWs
- Support to populations with:
  - Disabilities and other access and functional needs
  - Service and companion animals





# Emergency Operations: Vessels

## Operate:

- WETA: 16 vessels – 5,390 pax
- Blue & Gold: 6 vessels - 2,826 pax

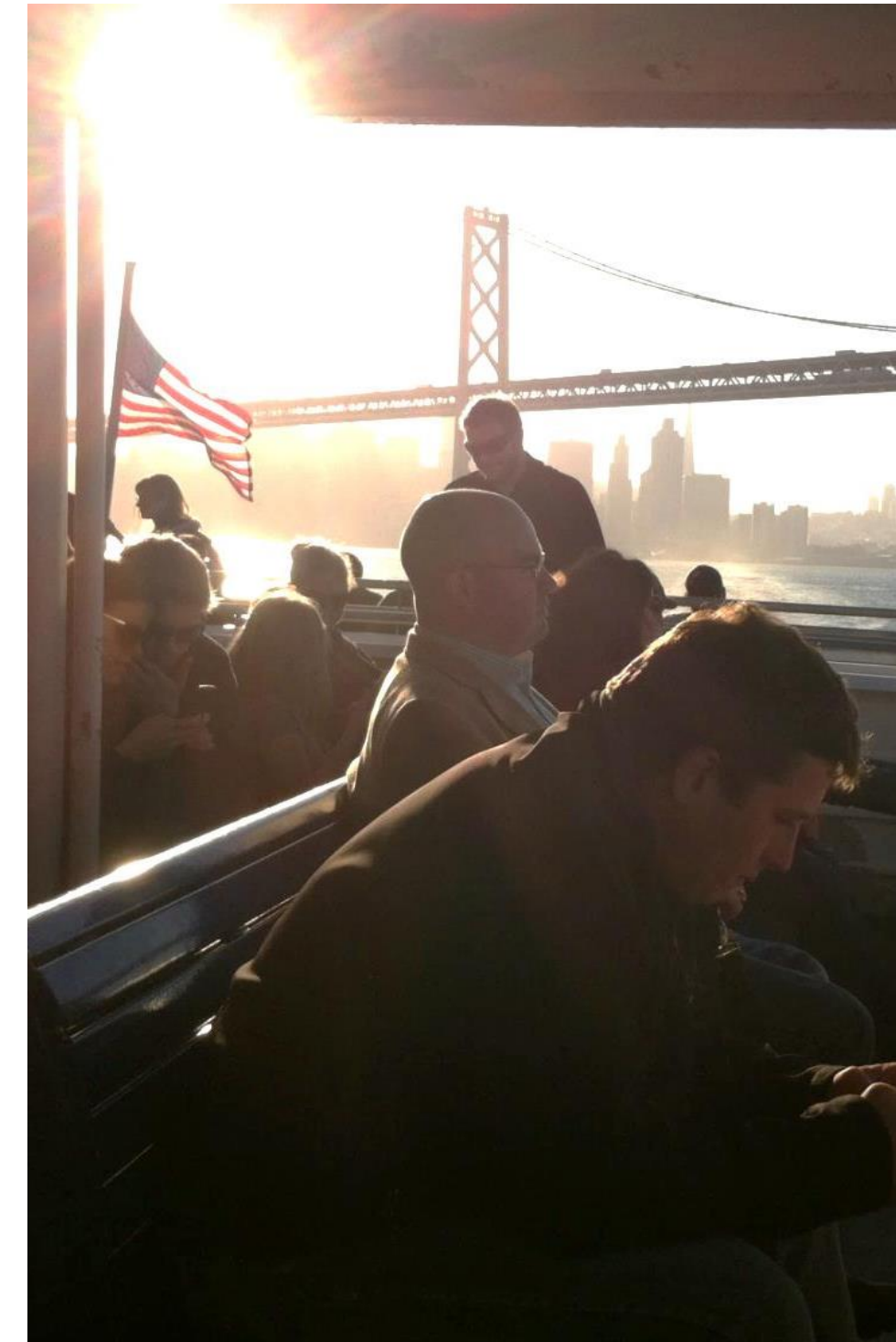
## Coordinate:

- Golden Gate Ferry: 7 vessels – 3,760 pax
- Private: 23 vessels – 9,483 pax
- Water taxis



# Emergency Operations Plan

- Confidential, maintained separately
- Supplements the ERP with SEMS/NIMS compliant guidance and procedures
- Contains EOC activation, staffing and operations processes, emphasizes:
  - EOC action planning, position checklists & staffing rosters
  - Info collection & management
  - Regional transportation incident & hazard specific checklists
  - Temporary terminal req's & layout
  - Communications & refueling operations





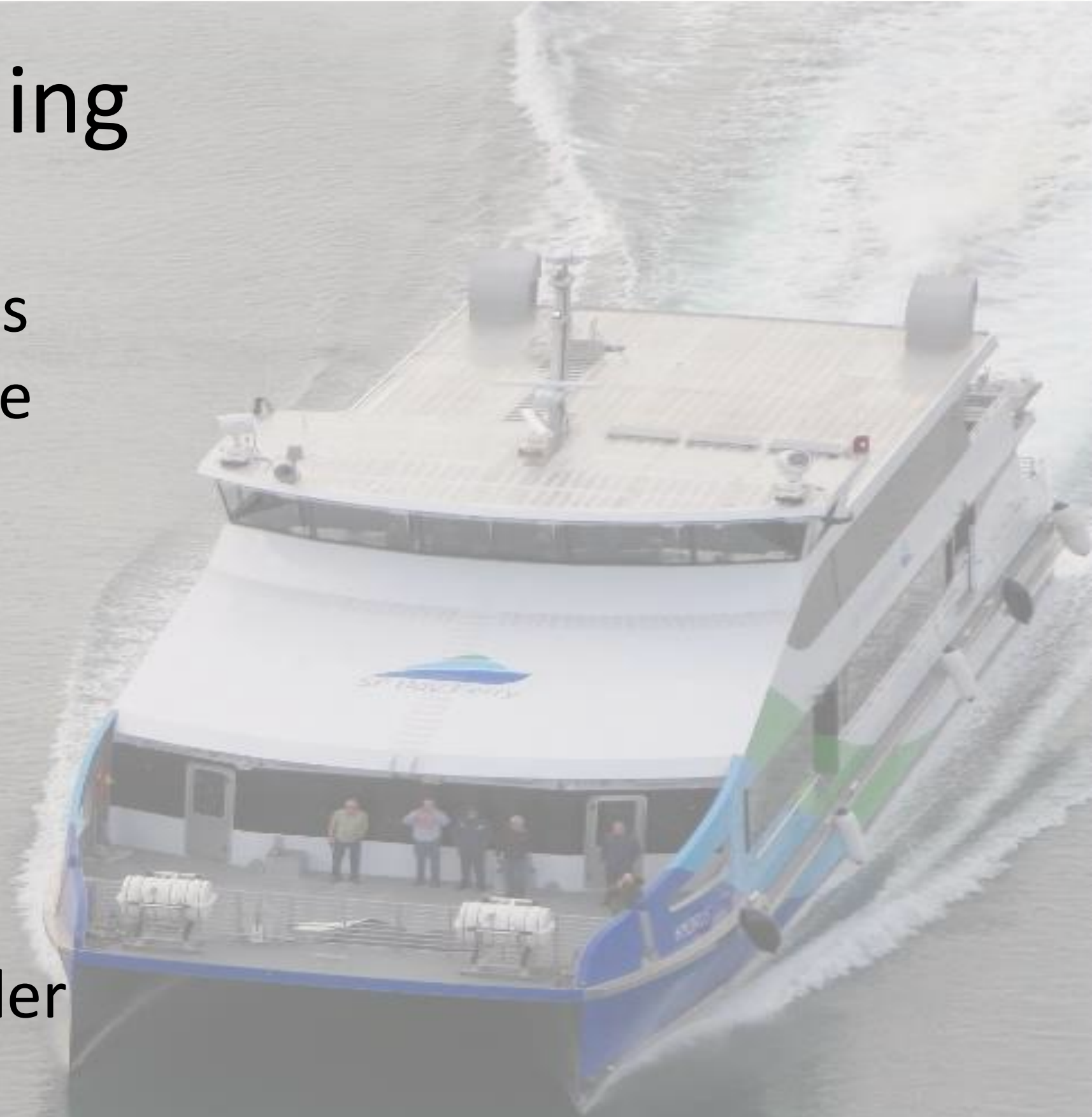
# WETA Resource Requirements

1. Early assist from Cal OES/FEMA for fuel
2. Emergency funding to pay for resources
3. Security, crowd control, survivor support services from local jurisdictions
4. Credentialing/terminal access assistance from LE agencies
5. Additional staffing for full activation of WETA EOC over multiple operational periods and staff support services
6. Supporting transit connectivity for follow-on movement of survivors
7. Assistance from state/regional/local partners to construct/retrofit terminals, including access to land
8. Prioritization for obtaining resources/services for additional/temporary ferry terminals and assistance to expedite construction



# Exercises & Training

- Internal staff trainings
- MTC's annual exercise
- Bay Ferry Exercises (Sept 2023)
- US Coast Guard ferry exercises
- Golden Eagle
- Bay Ex
- Host for first responder trainings





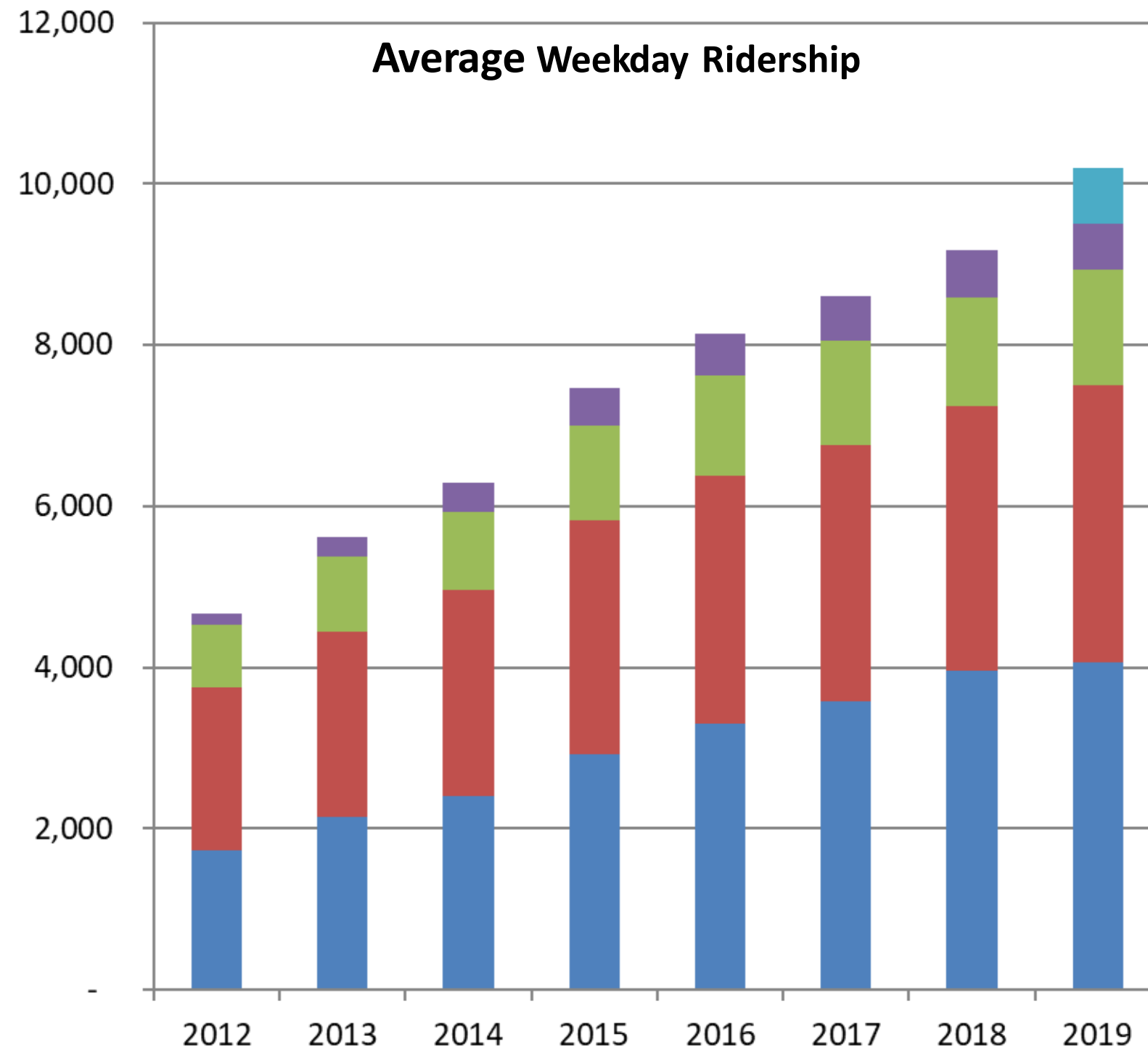
For more info download WETA's Emergency Response Plan:  
<https://sanfranciscobayferry.com/weta/publications>

Lauren Gularte | [gularte@watertransit.org](mailto:gularte@watertransit.org) | 415-364-3188

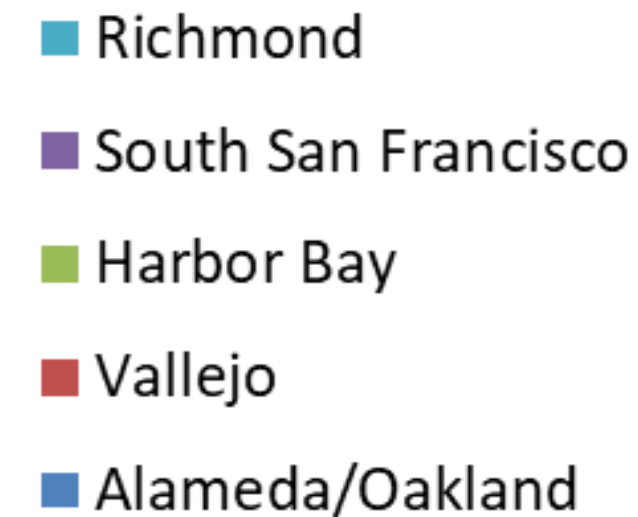




# System Profile – Pre-Pandemic



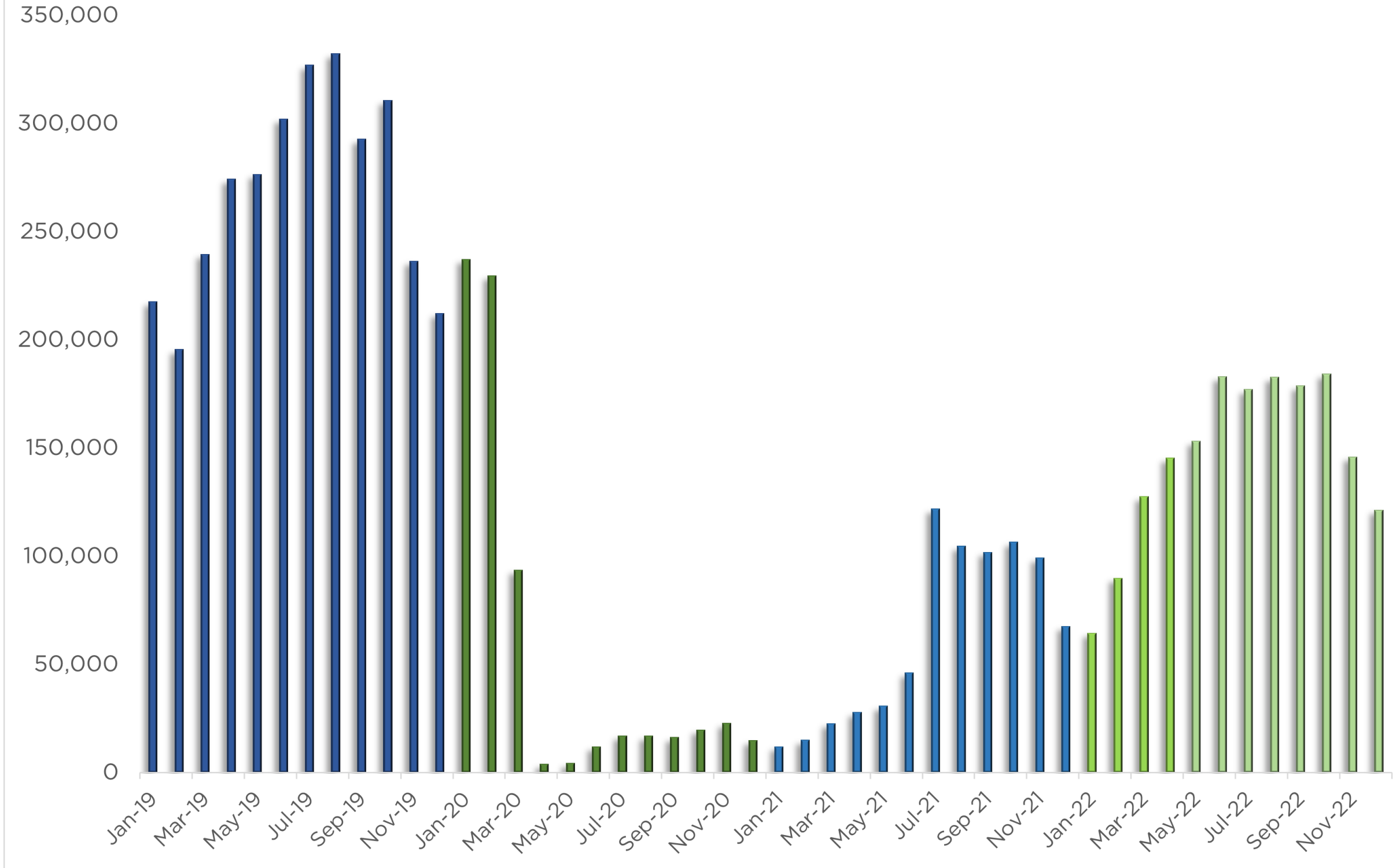
- Five routes
- 12,240 weekday boardings
  - July 2019
- 82% riders in peak periods
- Ridership up 100%+ since 2012





# MONTHLY RIDERSHIP ON SAN FRANCISCO BAY FERRY

*2019 to Present*



- Daily ridership dropped 92% due to pandemic
- 164% ridership increase when pandemic recovery program went into effect – July 2021
- Secured COVID Relief funding: CARES) Act: \$18.8 million (CRRSAA): \$18.4 million, (ARPA): \$24.8 million





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*Emergency Preparedness & Response*

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# Panel 3: Implementation



Garrett Thomsen

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*Senior Emergency Services Coordinator*

CalOES





# CALIFORNIA GOVERNOR'S OFFICE OF EMERGENCY SERVICES (Cal OES) Coastal Region





# Introduction

- Cal OES Overview
- SEMS Overview
- Resource Requests
- EMMA
- Emergency Proclamations
- Disaster Documentation

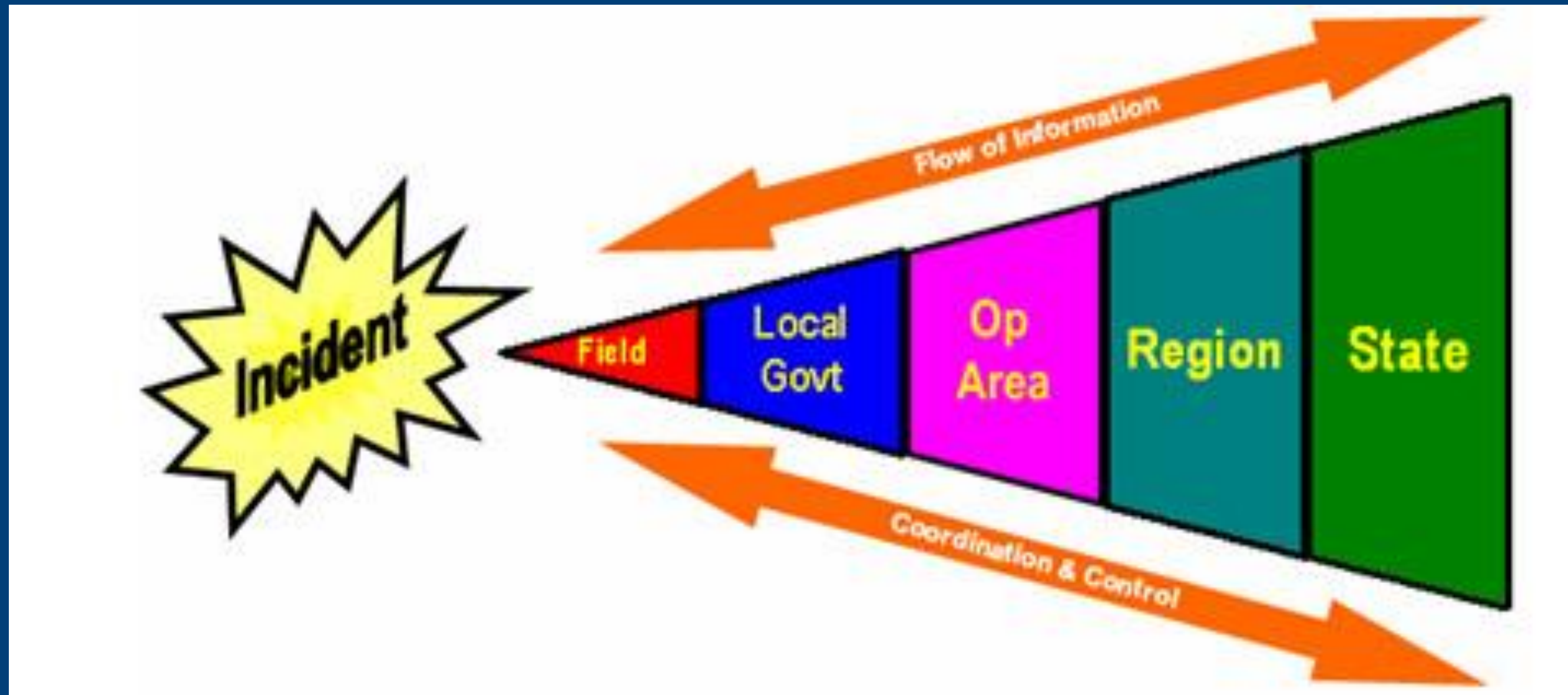


# Overview of Cal OES

- 3 Cal OES Regions play a vital role in disaster response and preparedness throughout the State of California.
- Cal OES provides guidance on emergency management, support and information sharing during and after disasters.
- Cal OES will remain the primary contact with the Operational Areas and State Special Districts throughout the State.



# SEMS Organizational Levels







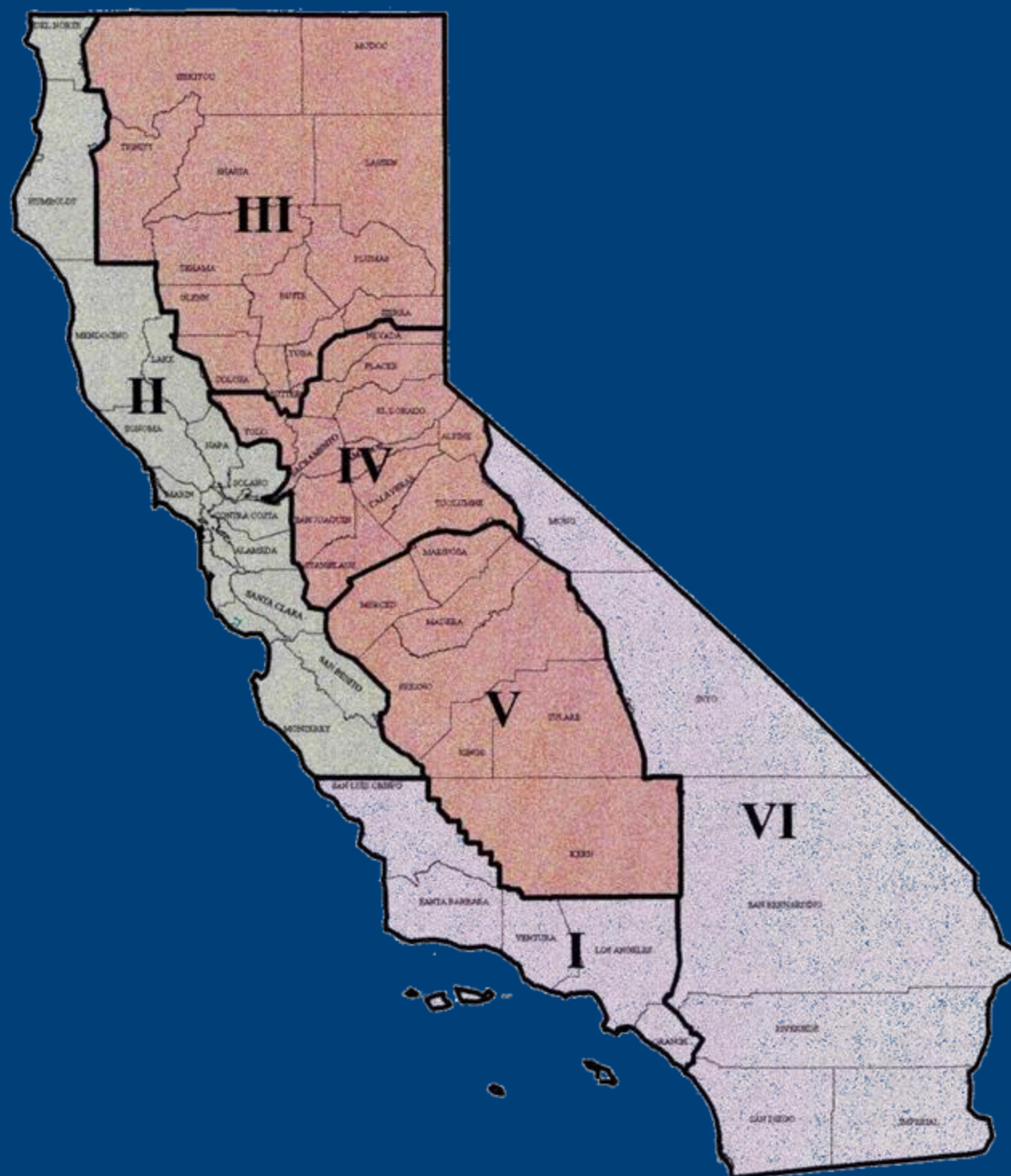
# SEMS Levels Responsibilities

- **Local Jurisdiction** conducts response operations
- **Operational Area (OA)** manages and coordinates information, resources, and priorities among local jurisdictions in the OA
- **Regional Emergency Operations Center (REOC)** coordinates requests from the OAs and with the State Operations Center (SOC)
- **State Operations Center (SOC)** fulfills requests from OAs through State and Federal partners





# SEMS Response Levels



- Field
- Local Jurisdiction
- Operational Area
- Region
- State

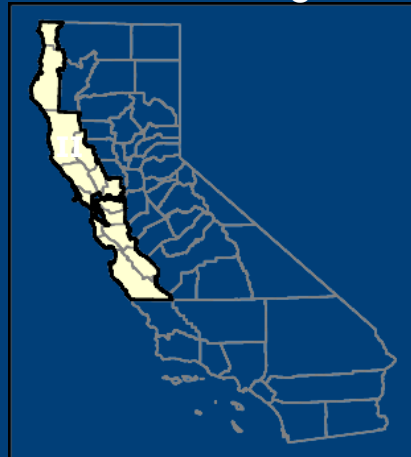




# Governor's Office of Emergency Services Coastal Region Operational Area Assignments As of April 2023



Mutual Aid Region II



## Coastal Region Branch

2333 Courage Drive, Suite H  
Fairfield, CA 94533

## Memoree McIntire

Regional Administrator (interim)  
(510) 220-0185 - Cellular

## Memoree McIntire

Deputy Regional Administrator  
(510) 220-0185 - Cellular

## Jennifer Gordon

Senior Emergency Services  
Coordinator - North Division  
(916) 698-4909 - Cellular

## Garrett Thomsen

Senior Emergency Services  
Coordinator - South Division  
(916) 206-1470 - Cellular

## Lindsay McMillan

Associate Governmental  
Program Analyst (AGPA)  
(916) 591-1071 - Cellular

## Emergency Services Coordinator

Brian Buckhout	(916) 628-5897
Byron Green	(916) 330-0933
Jennifer Gordon *	(916) 698-4909
Garrett Thomsen	(916) 206-1470
Melanie Gilbert	(510) 882-7145
Sarah Finnigan	(707) 330-6240
Justin Duke	(916) 926-9854
Beck Blair	(916) 917-4707
Robyn Cole	(916) 591-1042

*\*interim*

## Law Coordinator

Deputy Chief - North

Ron Quigley	(530) 526-0922 Cellular
Greg Smith	(510) 207-8976 Cellular
Jim Linn	(916) 201-2739 Cellular

## Fire Coordinators

Deputy Chief

Sam Marouk	(916) 761-6156 Cellular
Mark Courson	(916) 281-4484 Cellular

## Earthquake and Tsunami Coordinator

Yvette LaDuke	(916) 715-2243 Cellular
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## Ports and Harbors

Robert Butchart	(510) 816-7416 Cellular
-----------------	-------------------------

## Tactical Communications Coordinator

Hiedi O'Neal	(916) 217-3249 Cellular
--------------	-------------------------

Cal OES  
Regional  
Contacts  
Dashboard



0 20 40 80  
Miles





# Resource Requests

- Resource requests from local jurisdictions must be made through to the OA
- Requests for resources must be made directly from the OA
- Requests made to Cal OES for resources **MUST** articulate that the OA have exhausted all available resources
- Requests for state resources go through Cal EOC



# Emergency Management Mutual Aid (EMMA)

- EMMA is based on mutual aid concept
- Mutual aid is “neighbor helping neighbor”
- Mutual aid is voluntary
- Mutual aid is provided without expectation of reimbursement





# Emergency Proclamation

## **Does:**

- *Authorizes extraordinary powers, orders, regulations, special provisions (curfew, suspend purchasing & contracting rules, etc. See your local ordinance.)*
- Provides limited immunity for emergency actions
- Serves as prerequisite to request a State Proclamation
- Can include language to request State and/or Federal assistance

## **Doesn't:**

- Change emergency response priorities
- Guarantee access to funding

## **Process:**

- Proclamation issued within 10 days of an incident
- Ratified by governing body within 7 days after proclaiming
- Renewal of resolution should occur every 60 days, until terminated



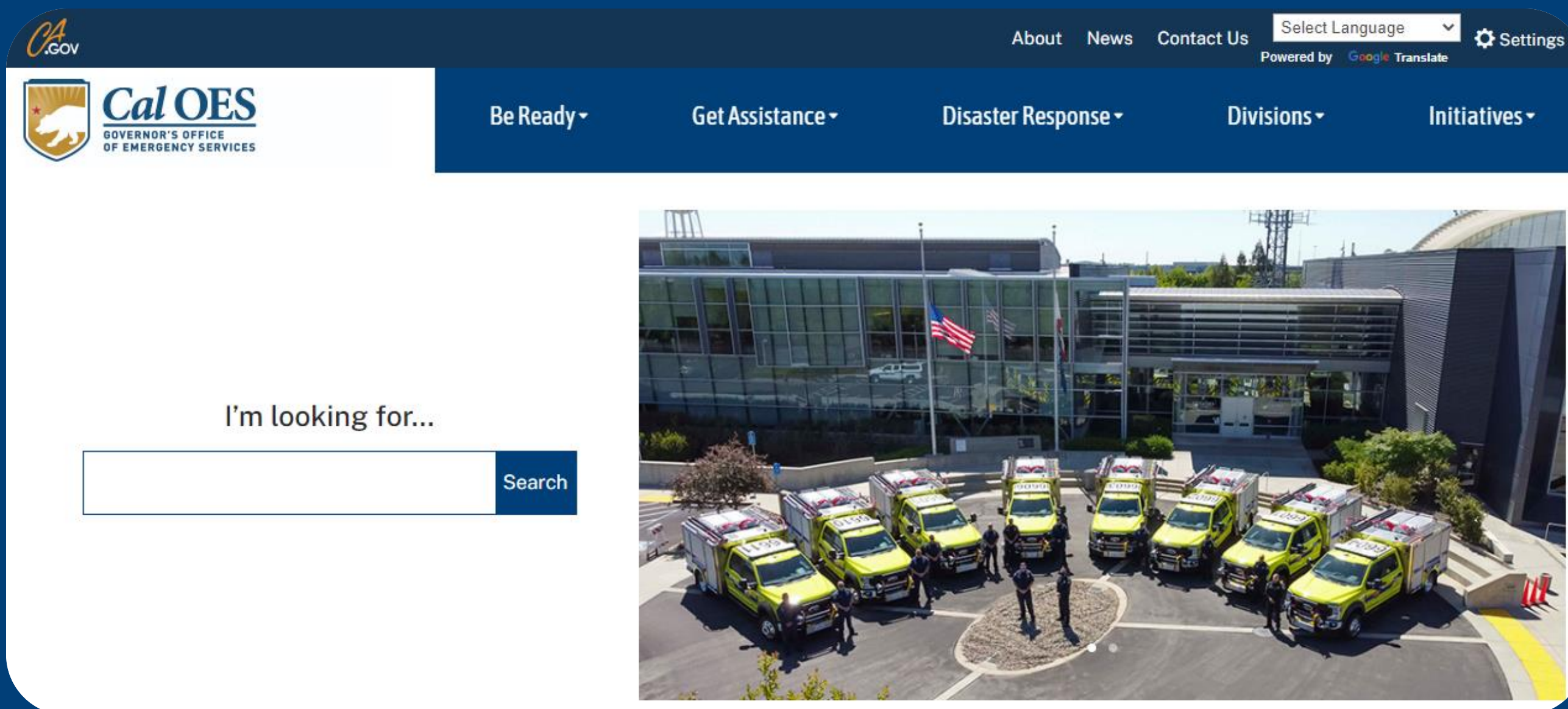


# Disaster Documentation

- **Initial Damage Estimate (IDE)** is an estimate of costs incurred and damages that need permanent repair; exact amounts will not be needed unless and until CDAA or Presidential Declaration is granted
- Work through County OES to provide your IDE amounts
- Based on IDE, Cal OES Recovery will come out for a **Preliminary Damage Assessment (PDA)** to validate the estimate.

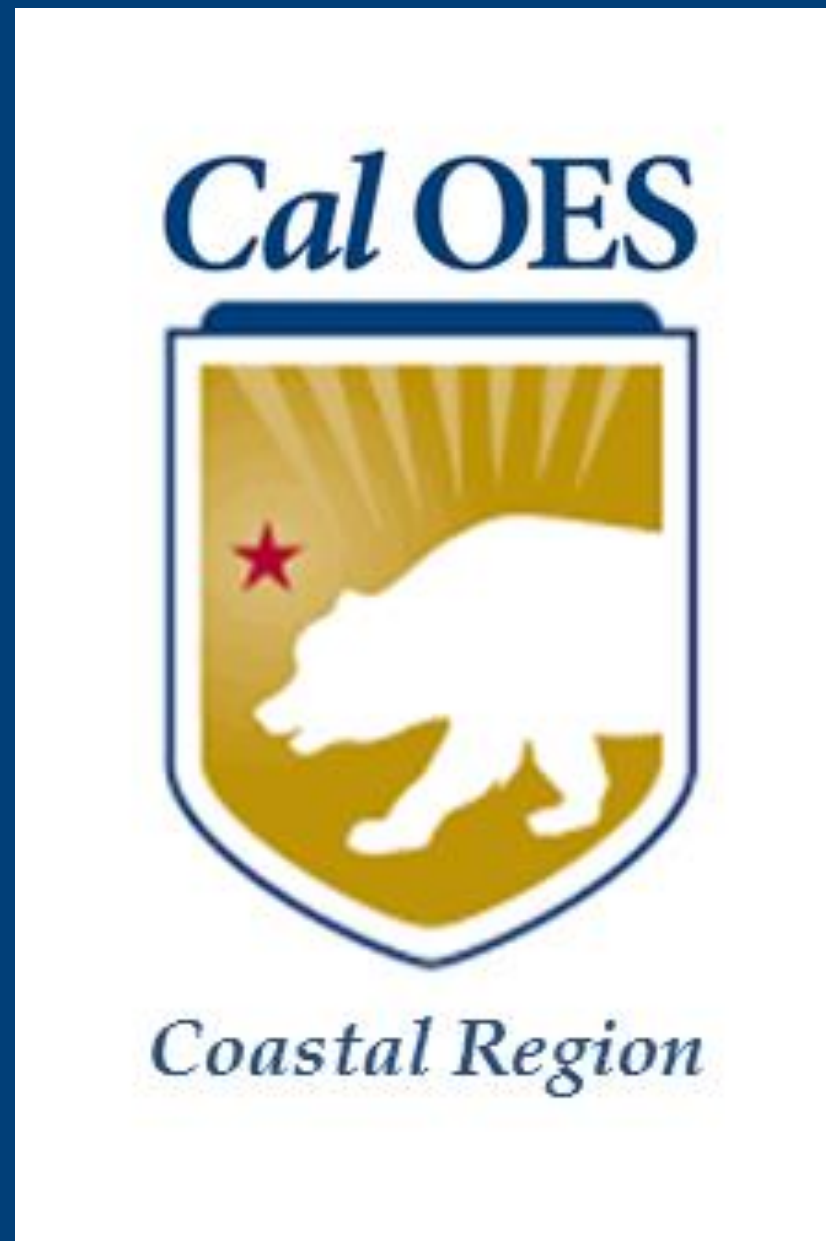


# Visit [www.caloes.ca.gov](http://www.caloes.ca.gov)





# QUESTIONS?



Garrett Thomsen

Senior Emergency Services Coordinator

Coastal Region - South

(916) 206-1470

[garrett.thomsen@caloes.ca.gov](mailto:garrett.thomsen@caloes.ca.gov)





# 2023 SPRING SUMMIT

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# Panel 3: Implementation

A portrait of Aaron Johnson, a man with short brown hair, smiling. He is wearing a dark blue suit jacket over a light blue button-down shirt. The background of the portrait is light blue, and there is a solid blue vertical bar to the left of the portrait.

Aaron Johnson

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*Vice President of Bay Area Region*

PG&E





# Bay Planning Coalition 2023 Spring Summit

**Pacific Gas and Electric Company**

**Aaron Johnson, Bay Area Region Vice President**



Together, Building  
a Better California





# PG&E Company Emergency Response Plan (CERP)

The purpose of the *Company Emergency Response Plan (CERP)* is to assist Pacific Gas and Electric (PG&E) personnel with safe, efficient and coordinated response to all-hazard emergency incidents affecting gas or electric generation, distribution, storage, transmission systems or any other emergency incident within the PG&E service area.

- The ***Company Emergency Response Plan (CERP)*** is the Company's overall All Hazard concept of operation.
- The *CERP* outlines
  - Incident Command System (ICS),
  - National Incident Management System (NIMS), and
  - California Standardized Emergency Management System (SEMS) operational structure.
- Annual CERP updates provide a forum to **introduce, discuss and test** All Hazard concepts.
- Major/significant updates are determined by Leadership and subject matter experts
  - Annual Web Based Training support personnel to review and familiarize with relevant updates

# What is PGE's Emergency Operations Center?

The EOC is a coordination center that when activated performs primary functions:

- Collect and analyze information
- Share information
- Support resource needs and requests
- Coordinate plans and determine current and future needs
- Provide coordination and policy direction
- Set priorities



**PG&E's EOC can be activated at a physical location or virtually.**



# Types of Events the PG&E EOC Could Respond To

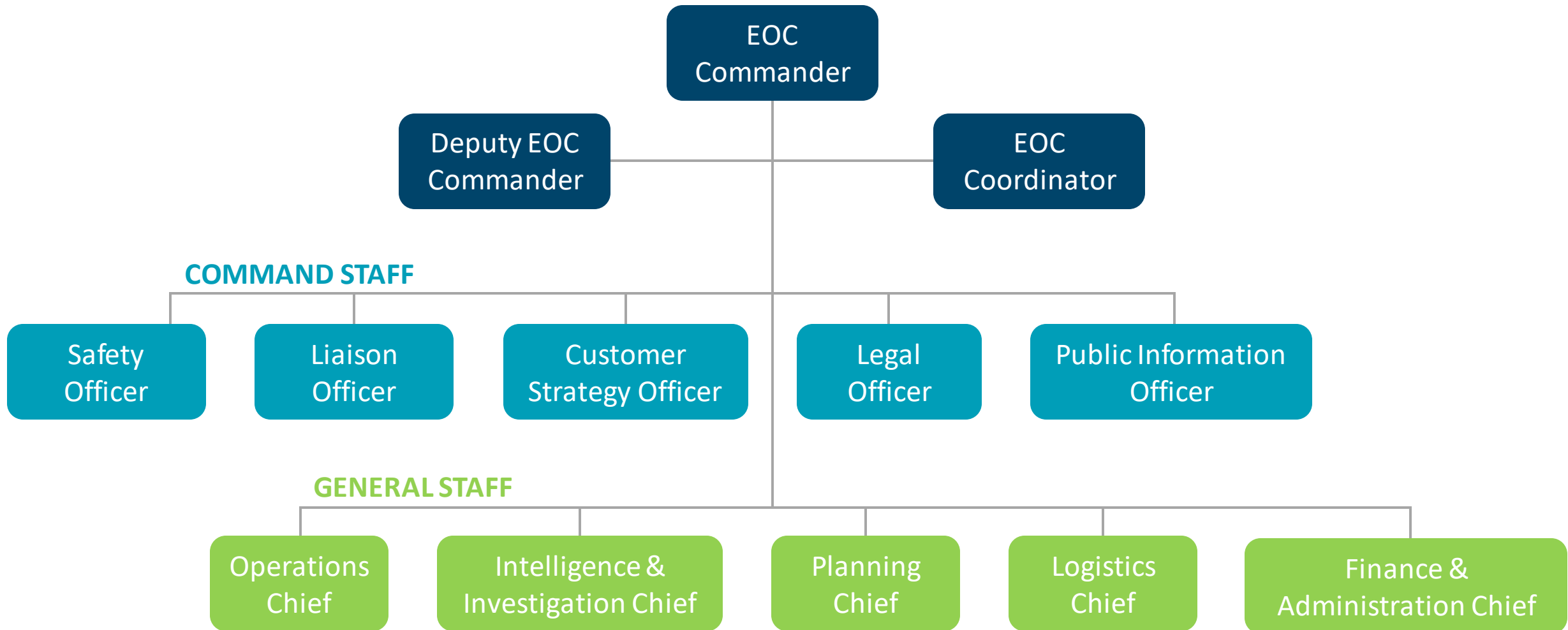
## Hazard Potentials

- Capacity Event/Rotating Outages
- Cyber
- Distributed Energy Resources
- Drought/Hydro Generation
- Earthquake/Tsunami
- Lightning Storm
- Potential Public Unrest
- Dam Failure/Spilling
- Pandemic/COVID-19
- Public Safety Power Shutoffs
- Tornado
- Wildfires
- Winter/Snowstorm



# PG&E EOC Organizational Structure

Our EOC aligns with Incident Command System (ICS) protocols and guidelines.







# When Does PG&E Activate its EOC?

We activate our EOC in response to serious, severe and catastrophic emergencies.

PGE INCIDENT CLASSIFICATION LEVEL		IMPACT	RESOURCES UTILIZED	EXTERNAL INTEREST	OTHER PGE TEAMS ACTIVATED (AS NEEDED)	
5	CATASTROPHIC	<ul style="list-style-type: none"><li>Multiple incidents</li><li>Large # customers</li><li>Significant cost, infrastructure risk and/or damage</li><li>Ability to conduct business impacted</li></ul>	<ul style="list-style-type: none"><li>Full mobilization of company resources</li><li>Mutual aid resources are needed</li></ul>	<ul style="list-style-type: none"><li>Heavy media interest</li><li>Actual reputational risk</li></ul>	<ul style="list-style-type: none"><li>ICP</li><li>OEC</li><li>ETEC</li><li>STOEC</li></ul>	<ul style="list-style-type: none"><li>ElectricREC</li><li>GEC</li><li>EOC</li></ul>
4	SEVERE	<ul style="list-style-type: none"><li>Large # customers</li><li>Extended multiple incidents</li><li>Company impacted</li></ul>	<ul style="list-style-type: none"><li>Mainly from multiple regions</li><li>General contractors used</li><li>Mutual aid may be needed</li></ul>	<ul style="list-style-type: none"><li>Heavy media interest</li><li>Potential reputational risk</li></ul>	<ul style="list-style-type: none"><li>ICP</li><li>ETEC</li><li>STOEC</li><li>OEC</li></ul>	<ul style="list-style-type: none"><li>ElectricREC</li><li>GEC</li><li>EOC</li></ul>
3	SERIOUS	<ul style="list-style-type: none"><li>Large # customers</li></ul>	<ul style="list-style-type: none"><li>Mainly within the region</li><li>May need to move between regions</li></ul>	<ul style="list-style-type: none"><li>Increased media interest</li><li>Actual or imminent negative coverage</li></ul>	<ul style="list-style-type: none"><li>ICP</li><li>OEC</li><li>ElectricREC</li><li>GEC</li></ul>	<ul style="list-style-type: none"><li>EOC</li><li>ETEC</li><li>STOEC</li></ul>
2	ELEVATED	<ul style="list-style-type: none"><li>A pending potential incident</li><li>Local emergency</li></ul>	<ul style="list-style-type: none"><li>Local or within the region</li><li>More than routine response</li></ul>	<ul style="list-style-type: none"><li>Increased media interest</li></ul>	<ul style="list-style-type: none"><li>ICP</li><li>OEC</li></ul>	
1	ROUTINE	<ul style="list-style-type: none"><li>Small # customers</li></ul>	<ul style="list-style-type: none"><li>Local</li><li>Routine response</li></ul>	<ul style="list-style-type: none"><li>Little to no interest</li></ul>	<ul style="list-style-type: none"><li>ICP</li></ul>	

**The EOC coordinates and communicates with multiple other emergency response centers, facilities, and field operations within PG&E:**

- Regional Emergency Centers (REC)
- Operations Emergency Centers (OEC)
- Gas Emergency Center (GEC)
- Customer Contact Emergency Coordination Center (CCECC)
- Human Resources Coordination Center (HRCC)
- Information Technology Coordination Center (ITCC)
- Incident Command Post (ICP)
- Base Camps
- Micro Sites



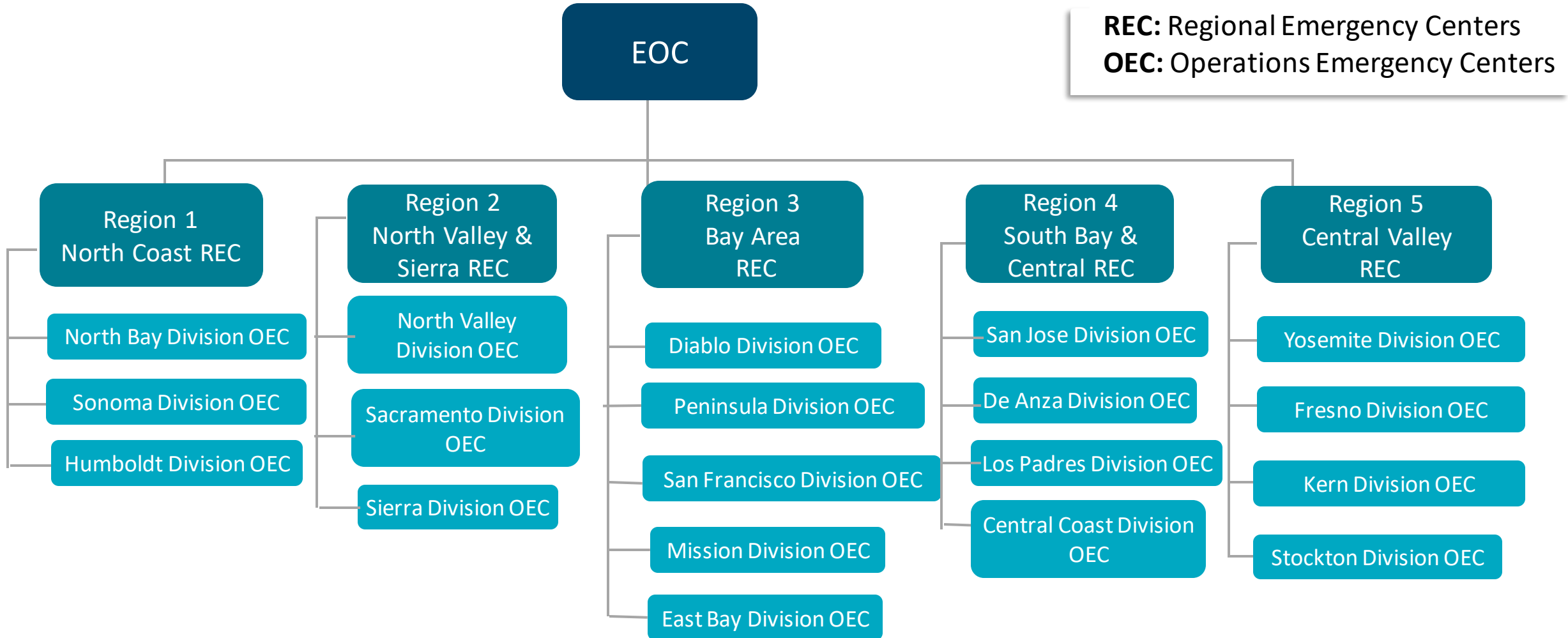
# How Does PG&E Manage Incidents?

ALL Hazards ICS Functions are found in the CERP- specific hazards details are found in the Annexes in GDL also

PGE INCIDENT CLASSIFICATION LEVEL			GAS OPERATIONS	INCIDENT MANAGEMENT STRUCTURE	ELECTRIC OPERATIONS
5	CATASTROPHIC			Company Emergency Operations Center	
4	SEVERE				
3	SERIOUS	Region (5 Regions)	Gas Emergency Center	Regional Emergency Centers	Electric Transmission Emergency Center
2	ELEVATED	Division (19 Divisions)		Operations Emergency Centers District Storm Rooms	Substation and T-Line Operations Emergency Center
1	ROUTINE	Field		Incident Command Post(s)	



# How the Field Interacts with the EOC





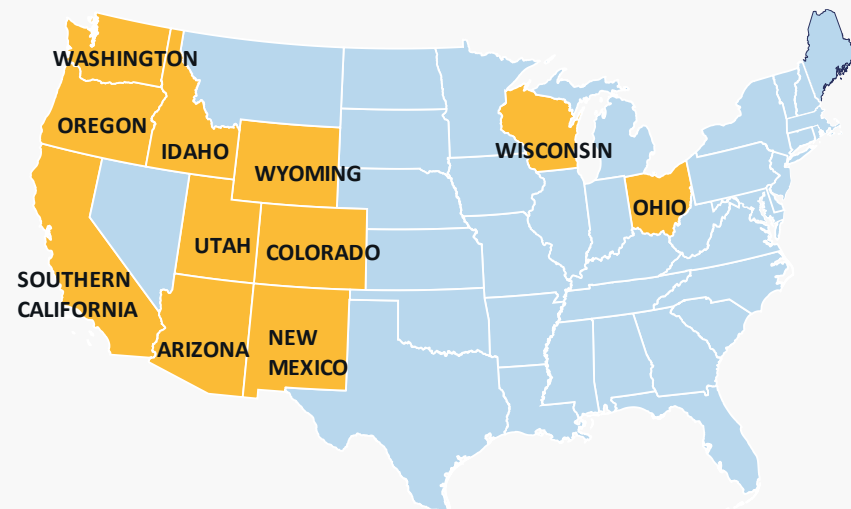
# PG&E's Winter Storm Response This Year

**15** STORMS AND ATMOSPHERIC RIVERS

**7** MILLION CUSTOMERS RESTORED

**7,200** PERSONNEL DEDICATED TO RESTORATION

We anticipate that vegetation growth resulting from these storms will increase wildfire risk in some areas.



Utility crews from around the country supported the storm response.



PG&E set up basecamps to stage resources and house personnel.



# Activating for a Public Safety Power Shutoff

High winds can cause tree branches and debris to contact energized electric lines, damage our equipment and cause a wildfire. **To prevent wildfires, we may need to turn off power as a last resort. This is referred to as a Public Safety Power Shutoff (PSPS).**



**Low humidity levels of 30% and below**



**Forecasted high winds above 19 mph and gusts above 30-40 mph**



**A Red Flag Warning issued by the National Weather Service**



**Condition of dry material on the ground and low moisture content of vegetation**



**On-the-ground, real-time observations**

**i** Find updates and information regarding Public Safety Power Shutoffs at [\*\*pge.com/psps\*\*](https://pge.com/psps)