



FIRESCOPE QUARTERLY BRIEF July 2025

CALFIRE C-130 Hercules, Tanker 121 (T121)



Photo Credit: CALFIRE

Board Members in Action



FIRESCOPE's Board of Directors meeting in Tulare County – April 2025

JULY 2025

Board Members in Action



Throwing out the first pitch in Visalia!

FIRESCOPE BoD Members

- Chief Marshall
(Cal OES)
- Chief Norman
(Tulare Co. Fire)

FIRESCOPE Ops Member

- Chief Johnstone
(CalOES)



Task Force Members in Action



**Orange County Fire Authority (OCFA)
Firehawk**

SOLAR Meeting: Southern California Edison Air Operations Building located at Chino Airport - focus is on aircraft operations and features presentations from multiple agencies as well as aircraft displays.



SoCal Edison Helicopter



**Task Force Members Dave Semple (CAL FIRE)
(left) and Jason Serrano (BDC) (right)**

Subcommittee Members in Action



Derek Urwin (LAC)
FIREScope's Cancer Prevention
Subcommittee Chair



"The ILC concluded with the adoption of the first-ever international labour standards aimed at preventing exposures to, and protecting workers from, biological hazards in the workplace, a landmark step in global efforts to safeguard occupational health and safety across all sectors."



Dr. Derek Urwin was selected by the US State Department and Department of Labor to serve as the US Worker Delegate to the United Nations (UN) 113th International Labor Conference (ILC) in Geneva, Switzerland in his capacity as the IAFF's Chief Science Advisor.

JULY 2025

Night Aerial Firefighting Exercise (NAFE)



- CAL FIRE Aviation held the Night Aerial Firefighting Exercise (NAFE) June 4 - June 10.
- Operations were managed from a temporary helibase at Aviation Headquarters at McClellan.
- The large-scale exercise was mandatory for CAL FIRE Exclusive Use (EU) helicopters equipped for night flying, which included helicopters from Billings, Coulson, PJ Helicopters, Helimax and Air Shasta. Forest Service Helicopter 531 from the ANF and OCFA personnel also attended.

- Over 100 personnel and 10 helicopters were part of the training.
- Observers from British Columbia Wildfire's training and aviation divisions and members of the Directorate General of Civil Aeronautics, Chile, were in attendance.
- Scenario-based night operations training for Helicopter Coordinators, CWN Managers, EU crews, and helibase staff included classroom instruction, sand table exercises and aided night flying under Night Vision Goggles (NVG).
- Night flights at Lake Berryessa in the Sonoma-Lake-Napa Unit and Lake Englebright in the Nevada-Yuba-Placer Unit included training for both HLCO and EU pilots in airspace management, target description, communications and water dropping.

MUTUAL-AID IN ACTION

OES Preposition

Fiscal Year 2025/26:

- There have been **2 preposition** events approved: **2 for critical fire weather**
- **2 moderate**
- The most requested preposition resource and most frequent user: **Region III** has been approved for **2 prepositions**. **LG Engines** have been approved **8 times**.

Fiscal Year 2024/25:

- There have been **214 preposition** events approved: **141 for critical fire weather**, **68 for mud and debris flow** and **5 for Civil Unrest**.
- **81 moderate**, **102 severe**, **26 extreme**, and **5 Potential Threat to Lives & Improved Property**
- The most requested preposition resource and most frequent user: **Region I** has been approved for **60 prepositions**. **IMT members** have been approved **635 times**. **LG Engines** have been approved **952 times**.



FY 25/26 OES Preposition Estimate

Wildland/Wind OES Preposition	2	\$191,015.02
FY 25/26 OES Preposition	2	\$191,015.02

FY 24/25 OES Preposition Estimate

Mud & Debris OES Preposition	68	\$21,544,221.95
Wildland/Wind OES Preposition	141	\$52,353,646.57
Civil Unrest OES Preposition	5	\$1,641,555.94
FY 24/25 OES Preposition	214	\$75,539,424.46

NEWLY APPROVED DOCUMENTS AND UPDATES



[Indexing Unique
Shaped Structures
White Paper](#)



[Adding Structure
Fire Chapter into
FIRESCOPE FOG
White Paper](#)



[UAS
Incursion
White Paper](#)



[Revision & Update of WUI
Structure Defense
Document Whitepaper](#)



[ICS 208HM Form
Update](#)



[ICS 802 Night
Helicopter
Coordinator Job Aid](#)



[ICS 910 FF Incident Safety &
Accountability Guidelines
Update/Revision](#)



[MACS 400-2
Document & Forms
Description Update](#)



[CRR/Fire Prevention
Subcommittee Charter](#)

Fire Asset Status Tracker (FAST)



FAST proactive Impacts to the California Fire Service:

Provide a primarily mobile application

- Simplify the user experience
- Allow real-time status updates

Track statewide all-hazard fire resources

- Cal OES Fire & Rescue Assignments
- Local Government Apparatus and Overhead
- Track Resource Statuses

Rapidly onboard agencies via Mutual Aid Reimbursement (MARS)

- Primary and Secondary User Access

Provide intel with robust data collection

- Inventory Tracker survey
- Fleet Management & Out of Service process
- Real-time dashboards and MACS 405 reports

Enable integration capabilities

- Slack
- Esri / ArcGIS



[Learn More](#)

Region IV
Engine, Type VI

Totals	15
OES Resources	Totals
Available	15
Assigned	0
OOS - Mechanical	0
OOS - Staffing	0

OA	Unit	MACS ID	Status
XAM	E-4602	ION	Available
XCA	E-4605	MRP	Available
XNE	E-4609	GRS	Available
XNE	E-4610	NCC	Available
XPL	E-4614	FHF	Available
XPL	E-4607	PHF	Available
XSJ	E-4606	FRC	Available
XSJ	E-4601	LMD	Available
XSJ	E-4608	LPE	Available
XSJ	E-4613	MKE	Available
XSJ	E-4603	RIP	Available
XSJ	E-4604	WOO	Available
XST	E-4615	MST	Available
XTB	E-4611	NTF	Available
XTB	E-4612	SLT	Available

Region IV
Current Coordinator
Almae New
firechief@sonoraca.com
209-484-8788
Note: Important information about the Region

Select New Coordinator
-- Select --

Update Region Level Notes

Save

OES Resources	Totals
Available	57
Assigned	0
OOS-Mechanical	1
OOS-Staffing	2

OES Resources	ST	SR
Engine, Type I	4	1

Sign In
to Cal OES Community Portal

Email Address

Password

Log In

Forgot Password? | Not a member? Sign Up
Need assistance? Contact Support

New User Sign Up (NO MARS):

- Visit the Engage Community Portal:
<https://engage.caloes.ca.gov>
- Register as "Entity Type" = "Fire Agency"
- Validate your email
- Request access to the Fire & Rescue app
- *Ensure you know your MACS ID!*

Existing User Login (With MARS):

- **Direct Access:** Go to <https://engage.caloes.ca.gov/fast/s/> and enter your login credentials.
- **Via MARS:** After logging into MARS, navigate to the FAST application link provided within the platform.

Username

Password

Log In

Forgot your password? | Not a member?

Are you an employee? Login here

Supported browsers include Chrome, Edge, & Safari for optimal performance.



FIRIS Resource Information

Fire Integrated Real-Time Intelligence System Program (FIRIS)

An all-hazard resource utilizing cutting-edge sensors and substantial computing power mounted on crewed fixed-wing aircraft to provide immediate enhanced information within minutes of arriving on the scene of an emergency incident anywhere in the State of California. Collected data is directly shared with a ground-based supercomputer and fusion center that displays real-time incident intelligence. Within seconds, this intelligence is simultaneously distributed in a common operating platform directly into the hands of first responders on-scene, coordination leaders, policymakers, law enforcement, and others to make more effective decisions to protect life, property, and the environment.

- Two King Air multi-engine, fixed-wing aircraft provide First Responders on scene access intel via smartphone/device
- Mission Commanders implement program operational activities
- On duty, Fusion Manager coordinates, communicates, and supports program activities through:
- University of California, San Diego WIFIRE supercomputer provides real-time fire modeling and prediction
- The common operating platform known as Next-Gen SCOUT powered by Intterra, provides viewing/sharing intel statewide
- Available throughout California

OES Intel 12 is based in **Northern California** at Sacramento/McClellan

OES Intel 24 is based in **Southern California** at Chino Airport.



Slack is the primary real-time communication tool used by the program



Intterra is the primary common operating picture used by FIRIS

To request FIRIS for your incident, please call the FIRIS Duty Officer at:
916-845-8617.

FIELD OPERATIONS GUIDE (FOG)

– ICS 420-1 APPLICATION



Very few hard copies left! Purchase here:

Providing crucial information to first responders since 1983, FIRESCOPE is proud to present the interactive Field Operations Guide ICS 420-1. Easily access valuable information such as Wildland Fire Management Guiding Principles, Tactical Engagement, Levels of Engagement, Powerline Safety, and a Structure Assessment Checklist.

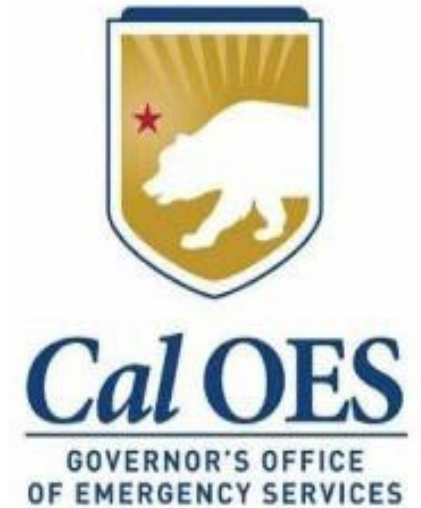
Download the Free App

The 2022 FOG is available as a free download on the [Apple App Store](#) and [Google Play App Store](#). View the [2022 FOG App privacy policy here](#).

Android



Apple iOS



2025 FIRESCOPE / GACC MAC Group Exercise



The Northern California MACS Exercise was held on May 14, 2025, at the Santa Clara County Fire Headquarters in Campbell, CA

This exercise is a great opportunity for participants to experience the value in completing high-quality ICS 209s and understanding mutual aid resource allocations.

The next training session in 2026 will be hosted in Southern California.

FIRESCOPE RECRUITMENT

FIRESCOPE is always looking for subject matter experts to participate in the FIRESCOPE Subcommittees.



DUTIES AND RESPONSIBILITIES

A full description of the duties and responsibilities of Subcommittee members can be found on the FIRESCOPE website under the MACS 410-9 Document, [or by clicking here.](#)

INTEREST FORM

This [FORM](#) is designed to capture members that are interested in filling available FIRESCOPE Subcommittee positions.



[MACS 410-9](#)



[WHAT IS FIRESCOPE?](#)



[INTEREST FORM](#)



MISSION STATEMENT

The mission of FIRESCOPE is to provide recommendations and technical guidance to the California Governor's Office of Emergency Services (Cal OES) on matters involving mutual aid; to maintain the FIRESCOPE decision process; and to continue the operation, development, and maintenance of the FIRESCOPE Incident Command System (ICS) and the Multi-Agency Coordination System (MACS)

FIRESCOPE VISION STATEMENT

The FIRESCOPE vision is to continue national leadership in the development of all-hazard incident and multi-agency coordination systems, to enhance and encourage full participation by the California fire service in the statewide Fire and Rescue Mutual Aid System, and to provide a common voice for the California fire service relating to these issues.

FIRESCOPE ADVISORY MESSAGE



Deputy Chief Jim Johnstone
James.johnstone@caloes.ca.gov
951.312.8966



The Quarterly Brief is intended to be widely shared among the California fire service, its federal partners, and affected stakeholders.

Agency Administrators, or responsible representatives, should ensure that this material is thoroughly reviewed and communicated within their respective organizations.

VISIT THE FIRESCOPE WEBSITE:
<https://firescope.caloes.ca.gov>

