CALIFORNIA INTERAGENCY MOBILIZATION GUIDE

2019

CALIFORNIA WILDLAND FIRE COORDINATING GROUP

Date: May 21, 2019

To: California Mobilization Guide Users

Subject: 2019 California Mobilization Guide Issuance

The California Wildland Fire Coordinating Group (CWCG) sponsors the 2019 California Interagency Mobilization Guide for the cohesive mobilization of resources by California agencies. This guide is written, and updated annually, to reflect user input from the interagency wildland fire community.

CWCG membership includes representatives from the Bureau of Indian Affairs (BIA), Bureau of Land Management (BLM), California Department of Forestry and Fire Protection (CALFIRE), U.S. Fish and Wildlife Service (FWS), U.S. Forest Service (USFS), National Park Service (NPS), California Governor's Office of Emergency Services (CalOES), and Association of Contract Counties.

CWCG, in 2017, approved a significant change for issuance of the California Mobilization Guide; it will no longer be printed and disseminated; it will now only be made available electronically. We believe this will provide a more accurate and less costly product with greater opportunity to expand its content into the future.

- The 2019 California Mobilization Guide will be available online only, in pdf format, on the ONCC and OSCC GACC webpages.
- Users and/or units can print hard copies locally as needed.
- It will have a QR code to easily access and save on portable devices. https://en.wikipedia.org/wiki/QR_code .
- If needed, the GACCs will be able to make mid-year corrections and publish a new version for all chapters, except the Directory, providing a more timely and accurate product.

The signature of the CWCG Chair is acknowledgement and agreement of the CWCG Charter Agencies to follow this Mobilization Guide as presented.

Approved by CWCG May 21, 2019.

Robin Wills

Robin Wills
CWCG Chair
Chief or Wildland Fire
Pacific West Region
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Chapter 10 - Objectives, Policy and Scope of Operations

Mission Statement

The principal mission for the California Geographic Area Coordination Centers (GACC) is the cost-effective and timely coordination of wildland protection agency emergency response for wildland fire and all risk incidents. This is accomplished through planning, situation monitoring and expediting resource usage between the Forest Service (USFS), California Department of Forestry and Fire Protection (CAL FIRE), Bureau of Land Management (BLM), National Park Service (NPS), Fish and Wildlife Service (FWS), Bureau of Indian Affairs (BIA), National Weather Service (NWS), Governor's Office of Emergency Services (CAL OES) and other cooperating agencies.

The California Interagency Mobilization Guide identifies standard procedures, which guide the operations of multi-agency logistical support activity throughout the coordination system. This guide is intended to facilitate interagency dispatch coordination, ensuring the timeliest and most cost effective incident support services available are provided. Communication between Units, GACCs, State, Regional Offices and other cooperative agencies are addressed in each section of the California Interagency Mobilization Guide as they apply to that section.The California Interagency Mobilization Guide is designed to accommodate amendments as needed and will be retained as current material until amended. The California Interagency Mobilization Guide is used to supplement the National Interagency Mobilization Guide. This guide is governed by each of the signatory agency's policy and procedures. Additional information not found in this reference can be obtained by contacting the GACC.

The California GACCs, the Emergency Command Centers (ECC)/Dispatch Centers and their respective Duty Chiefs/Officers have many responsibilities, the most important of which are effective and timely communications with and service to the field. All levels of dispatching and coordination involving the various agencies throughout the state must provide for continuous and adequate communication. The GACCs, ECCs and Duty Chiefs/Officers must ensure that responsible officials are kept current on resource availability.

Geographic Area Coordination Centers

There are two GACCs within the State of California and they will follow the established mobilization procedures identified in the National Interagency Mobilization Guide. The GACCs act as focal points for internal and external requests not filled at the Unit level.
Each GACC's Federal and CAL FIRE Duty Chief, through their dispatching organization, are responsible for providing coordination of all National, Regional, and Unit resources located within their respective geographic area. Each Duty Chief must maintain awareness of resource commitment and availability in order to enable adequate coordination between the neighboring GACCs and other agencies within the state.

Northern California GACC (Northern Operations – North Ops - NOPS)
North Ops provides coordination and dispatch services for the northern California National Forests, Bureau of Land Management, National Park Service, Fish and Wildlife Service, Bureau of Indian Affairs, CAL FIRE and Pacific Islands for the NPS.
CAL FIRE and FEMA assignments for Hawaii and Pacific Trust Territories.
North Ops is located on the Northern California Service Center compound in Redding.

Southern California GACC (Southern Operations – South Ops - SOPS)
South Ops provides coordination and dispatch services for the southern California National Forests, Bureau of Land Management, National Park Service, Fish and Wildlife Service, Bureau of Indian Affairs, CAL FIRE and Pacific Trust Territories.
South Ops is located at the CAL FIRE Southern Region Headquarters in Riverside.

Unit Level
Unit Duty Chiefs and Duty Officers, through their dispatchers, are responsible for the coordination and use of resources within their span of control. Procedures are established for notifying the Coordination Center when Regional or National resources are committed.
In this and the following chapters, the term "Unit" refers to Forests, CAL FIRE Units, BLM Districts, National Parks, National Wildlife Refuges, National Monuments, and other resource providers that have their own dispatch centers.

Incident Priorities
When competition for resources occurs among the Units, the GACCs will use the Multi-Agency Coordination System (MACS) process to establish incident priorities.
For MACS Organization Chart and MACS Process, refer to the California Interagency Mobilization Guide Chapter 10.

Initial Attack
Initial Attack will be defined, as per the 2018-2023 California Master Cooperative Wildland Fire Management and Stafford Act Response Agreement (CFMA).

Initial Attack: A planned response to a wildfire given the wildfire's potential fire behavior. The objective of initial attack is to stop the fire and put it out in a manner consistent with firefighter and public safety and values to be protected.

Initial Attack Period**:** The first 24 hours, or by written local agreement.

Initial Attack Fire**:** Fire that is generally contained by the resources first dispatched, without a significant augmentation of reinforcements, within two hours after initial attack, and full control is expected within the first burning period.

Initial Attack Zone: An identified area in which predetermined resources would normally be the initial resource to respond to an incident.

Immediate Need
The intent of ordering immediate need resources is to provide the closest available resource using normal dispatching procedures to meet the incidents specific need. Immediate need requests will be filled with the closest available resources. The intent of immediate need resources is that those resources will be utilized immediately upon arrival to the incident. Immediate need requests may create a draw down staffing situation and the sending Unit may need to order and back fill replacement resources. It is essential that the receiving Unit communicate resource status to reduce un-needed resource orders for back fill purposes.

Drawdown for Initial Attack (IA)
Drawdown is established by the local Unit based on their standard operating procedures. For CAL FIRE, reference CAL FIRE Handbook 8100, policy 8121. For the Federal agencies, reference the Unit Fire Management Plan.
When available resources are drawn down to a critical level, the Unit is responsible for advising their respective GACC of the situation, including any anticipated shortages and projected needs. This information enables the GACCs to adjudicate allocation of available resources within California, and, if feasible, to provide resources for national needs.

When availability of Unit resources within a geographic area is drawn down to critical levels, the affected GACC is responsible for advising the adjacent GACC, NICC and CAL FIRE Headquarters of the current situation, including anticipated shortages and projected needs. This information is needed in order to ensure effective allocation of the remaining available resources.

Mobilization/Demobilization
The GACCs will coordinate the movements of resources across Unit dispatch boundaries not covered by local operating plans or agency specific policy.

All agencies will follow the *closest resource concept* for initial attack. Established dispatch channels will be followed at all times.

Work/Rest Guidelines
Federal
Work/Rest Guidelines and Days Off policy are outlined in the Interagency Incident Business Management Handbook, the National Interagency Mobilization Guide, Interagency Standards for Fire and Fire Aviation Operations, and the Incident Response Pocket Guide. All resources which have been requested to extend will complete and follow the instructions on the Resource Extension Request form. Refer to California Interagency Mobilization Guide, Appendix for a link to this form.

CAL FIRE
For CAL FIRE Work/Rest Guidelines, reference the CAL FIRE Handbook 7700, policy 7757.

Incident Operations Driving
For Federal agencies, reference the National Interagency Mobilization Guide and the Interagency Standards for Fire and Fire Aviation Operations.
For CAL FIRE, reference the CAL FIRE Handbook 6400, policy 6557 and CAL FIRE Handbook 7000, policy 7060.

Resource Mobilization
The Resource Ordering and Status System (ROSS) is the only ordering system to be used by all California Units. It will be used to:

- Create new incidents
- Order and mobilize resources
- Track resources and their status

Resource status shall be continually updated in ROSS.

For California incident mobilization, use the Interagency Standards for the ROSS Operations Guide (ISROG) located at the following website: http://www.nifc.gov/nicc/logistics/references/ISROG.pdf and augmented by the California ROSS Business Practices and Standards guide: http://gacc.nifc.gov/oncc/logistics/docs/caROSSbps2015.pdf

Notification of Commitment of Resources

In addition to national mobilization guidelines, the Units will notify GACCs of resource commitment. Per the California ROSS Business Practices and Standards Guide, notification to the GACCs will be as follows:

- Commitment of aircraft will be entered at the time of dispatch, so aircraft status will be current.
- Commitment of crews will be entered within ten (10) minutes.
- If after thirty (30) minutes, it appears the incident will continue to impact a Unit's resource base, the Unit's equipment and overhead resources will be entered into ROSS.
- Any request for resources from outside the Unit, other than IA, *must* be entered and placed in ROSS immediately.

Wildland Fire Weather Forecasts

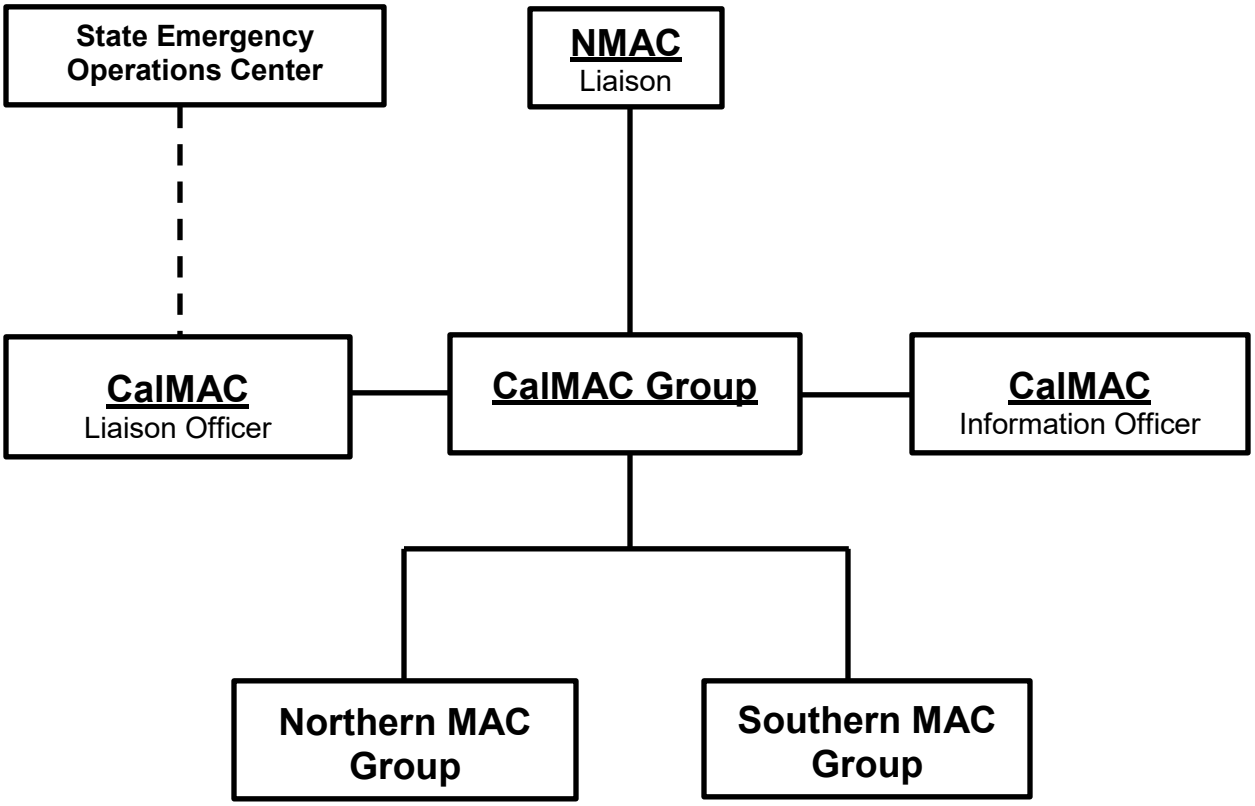
In California, the National Weather Service will produce daily fire weather forecasts (by agreement) from the representative office.
In Hawaii, the Honolulu office of the National Weather Service will produce daily fire weather forecast covered by the Fire Weather Operations Plan.

Pacific Crest National Scenic Trail (PCT)

Notify the PCT Program Manager of any activity (Fire, flood, etc.) occurring on or near the PCT.
Beth Boyst, Trail Program Manager, Vallejo, CA (trail-wide responsibilities)
Office 707-562-8881, Cell 707-334-4959, email: bboyst@fs.fed.us

California Fire Service Multi-Agency Coordination System (MACS) Organizational Structure

http://www.firescope.org/macs-docs/MACS-410-1.pdf
The following organizational structure displays a FIRESCOPE MODE 3 and 4 or a National Preparedness Level 4 and 5 activation.



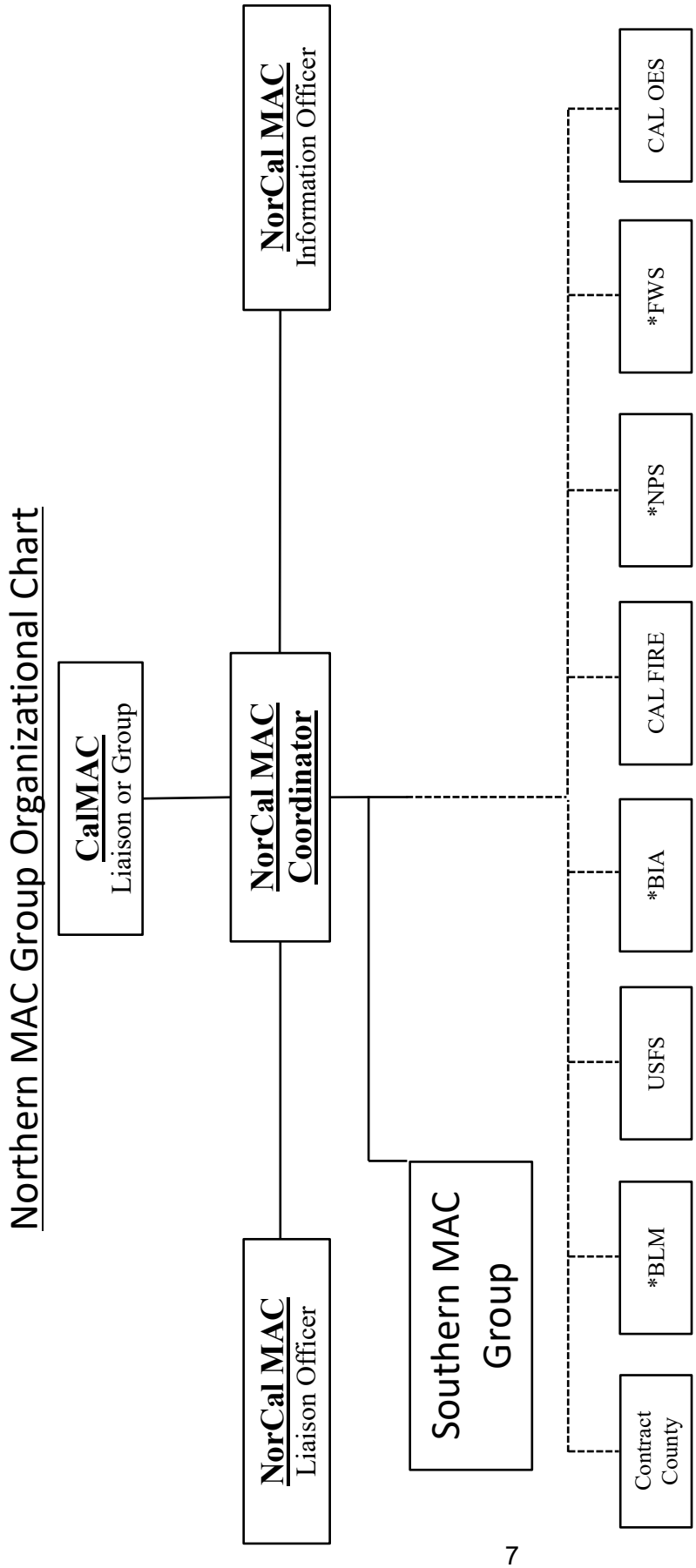
MAC Group Purpose and Function
A MAC Group typically consists of Agency Administrators or their designees who are authorized to commit agency resources and funds. Their function is to support incident management through coordinating their collective resources, sharing incident information and implementing coordinated strategic policies to prevent and/or combat growing emergency(s). In order to accomplish this objective the MAC Group must establish a common operating plan. The area represented can be a City, County/Operational Area, Region, such as one of the six CAL OES Fire and Rescue Mutual Aid Regions or a Geographic Area, such as Northern and Southern California Geographic Areas or a Statewide MAC Group such as CalMAC.

MAC Group objectives in coordinating finances, equipment, personnel and resources are:

1) Establish priorities for response.
2) Allocate critical resources based on established priorities.
3) Establish and/or implement communication systems integration.
4) Ensure Information coordination both internally and externally.
5) Establish intergovernmental decision coordination, develop strategies and contingency plans.

It is extremely important that MAC Group members have full authority from their respective agencies to commit resources, including equipment and personnel, and fully represent their agency or department in MAC Group decisions.

Northern MAC Group Organizational Chart



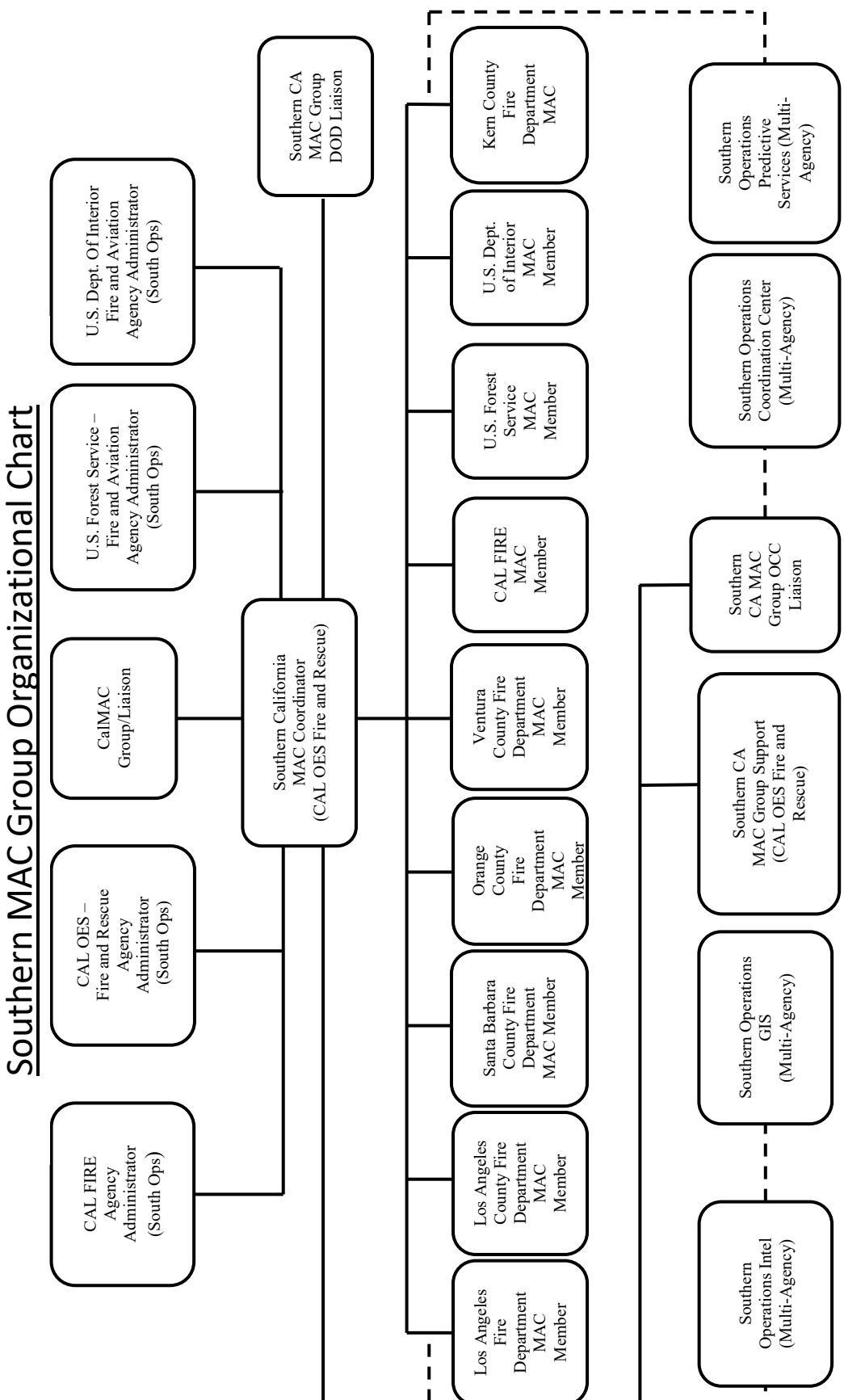
---- Dotted line denotes the agencies that could be represented during Preparedness Levels 4 and 5. This list is not all inclusive.

The Northern California Multi-Agency Coordination Group (NorCal MAC) acts as the geographic area authority to:

- **Evaluate incident situation status reports and organizational resource status reports, as provided by the Northern California Geographic Area Units.**
- **Provide oversight for geographic area allocation of scarce and/or limited resources based on established priorities.**
- **Develop geographic area incident priorities and submit to CalMAC for evaluation and inclusion in national incident priorities.**

*** DOI agencies may be represented at MAC by one DOI representative.**

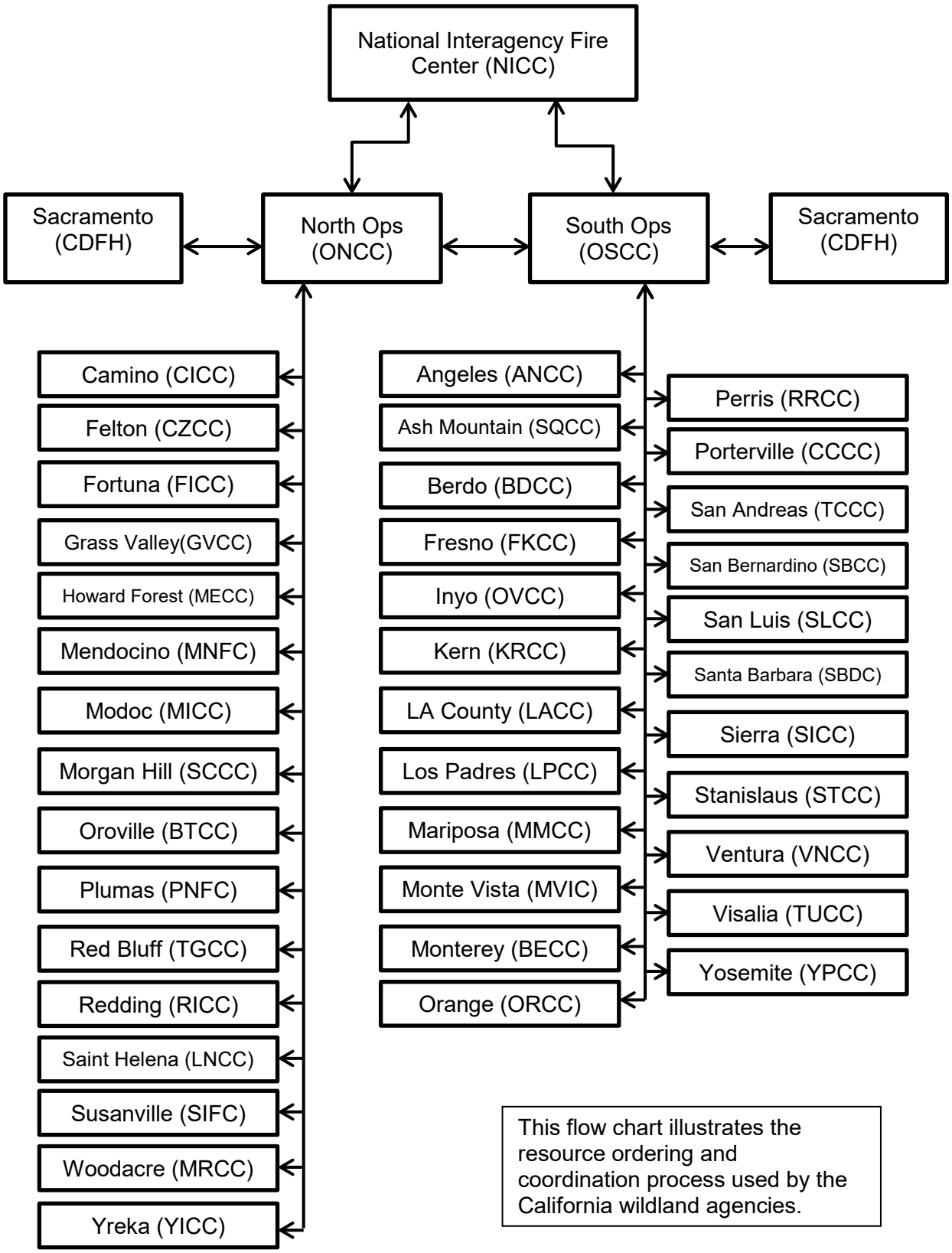
Southern MAC Group Organizational Chart



The Southern California Multi-Agency Coordination group (Southern California MAC) acts as the Geographic Area authority to:

- Evaluate incident situation status reports and organizational resource status reports, as provided by the Southern California geographic area Units.
- Provide oversight for geographic area allocation of scarce and/or limited resources based on established priorities.
- Provide written and verbal communication of MACS priority settings out to the following entities:
  - Applicable Agency Administrators
  - OCC MACS Liaison
  - FIRESCOPE Member Agencies
  - Home Agency
  - NorCal GeoMAC (if activated)
  - CalMAC (if activated) for evaluation and inclusion in national incident priorities.

Wildland Agency Geographic Coordination Flow Chart



This flow chart illustrates the resource ordering and coordination process used by the California wildland agencies.

*The Center ROSS designators are identified by the four letters in parenthesis. Center is identified by Intercom call sign, not the Radio call sign.

CENTER	**UNITS REPRESENTED**
Northern California GACC North Ops (ONCC)	*Federal (ONC) *State (CNR) FS Regional Office, CAL FIRE Northern Region, BLM California State Office, NPS Regional Office, BIA Area Office, FWS Regional Office
Camino (CICC)	*Eldorado National Forest (ENF) Tahoe Basin Management Unit (TMU) *Amador-Eldorado Unit (AEU)
Felton (CZCC)	*San Mateo-Santa Cruz Unit (CZU)
Fortuna (FICC)	*Six Rivers National Forest (SRF) *Humboldt-Del Norte Unit (HUU) Redwoods National Park (RWP) Humboldt Bay National Wildlife Refuge (HBR) Hoopa Valley Tribe (HIA)
Grass Valley (GVCC)	*Tahoe National Forest (TNF) *Nevada-Yuba-Placer Unit (NEU)
Howard Forest (MECC)	*Mendocino Unit (MEU)
Mendocino (MNFC)	*Mendocino National Forest (MNF) Central Valley Refuges North (SWR) Point Reyes National Seashore (RNP) Golden Gate NRA (GNP) Round Valley Indian Reservation (RVA) Hawaii Volcanoes National Park (HI-HVP)
Modoc (MICC)	*Modoc National Forest (MDF) Lower Klamath Refuge (LKR) Lava Beds National Monument (BNP)
Morgan Hill (SCCC)	*Santa Clara Unit (SCU)
Oroville (BTCC)	*Butte Unit (BTU)
Plumas (PNFC)	*Plumas National Forest (PNF)
Red Bluff (TGCC)	*Tehama-Glenn Unit (TGU)
Redding (RICC)	*Shasta-Trinity National Forest (SHF) Whiskeytown National Recreation Area (WNP) *Shasta-Trinity Unit (SHU)
Saint Helena (LNCC)	*Sonoma-Lake-Napa Unit (LNU)
Susanville (SIFC)	*NorCal BLM (NOD) *Lassen National Forest (LNF) *Lassen-Modoc Unit (LMU) Lassen Volcanic National Park (LNP)
Woodacre (MRCC)	*Marin County Fire Department (MRN)
Yreka (YICC)	*Klamath National Forest (KNF) * Siskiyou Unit (SKU)

* Agency has staffing in the ECC

The center ROSS designators are identified by the four letters in parenthesis. Center is identified by intercom call sign, not the radio call sign.

State and county centers have 24 hour staffing.

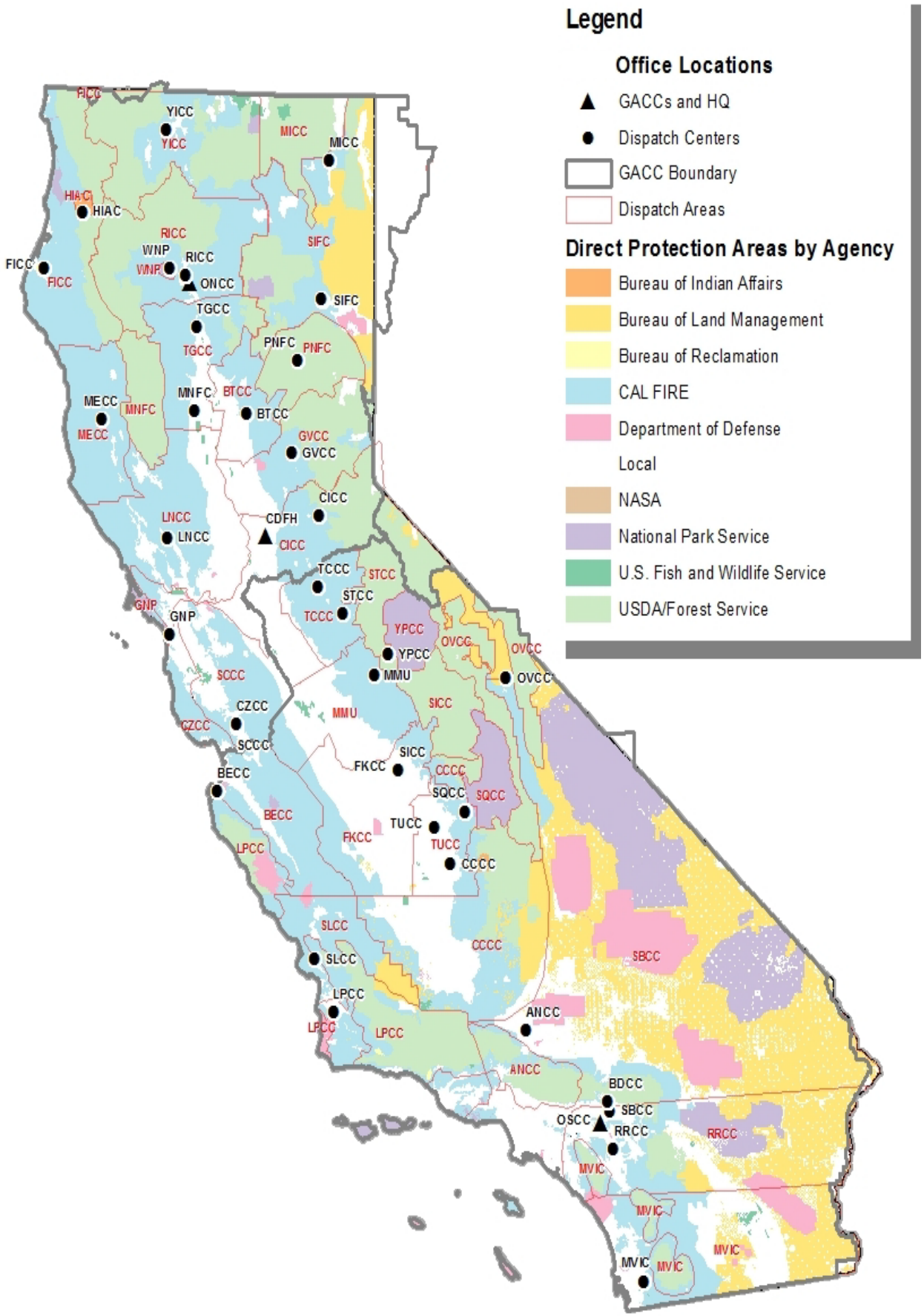
Federal centers have personnel available on call after normal business hours

CENTER	UNITS REPRESENTED
Southern California GACC South Ops (OSCC)	*Federal (OSC) *State (CSR) CAL FIRE Southern Region
Angeles (ANCC)	*Angeles National Forest (ANF) *Santa Monica Mountains National Recreation Area (SMP)
Ash Mountain (SQCC)	*Sequoia-Kings National Park (KNP)
Berdo (BDCC)	*San Bernardino Unit (BDU)
Fresno (FKCC)	*Fresno-Kings Unit (FKU)
Inyo (OVCC)	*Inyo National Forest (INF) *Bishop Field Office-BLM (OVD) Devil's Postpile National Monument (DPP) Manzanar National Historic Site (MZP)
Kern (KRCC)	*Kern County Fire Department (KRN)
LA. County (LACC)	*Los Angeles County Fire Department (LAC)
Los Padres (LPCC)	*Los Padres National Forest (LPF) Channel Islands National Park (CNP)
Mariposa (MMCC)	*Madera-Mariposa-Merced Unit (MMU)
Monte Vista (MVIC)	*Cleveland National Forest (CNF) *Monte Vista Unit (MVU) Southern California Refuge (TNR) Camp Pendleton Marine Base (MCP)
Monterey (BECC)	*San Benito-Monterey Unit (BEU)
Orange (ORCC)	*Orange County Fire Department (ORC)
Perris (RRCC)	*Riverside Unit (RRU)
Porterville (CCCC)	*Sequoia National Forest (SQF) *Bakersfield BLM (CND) Tule Indian Reservation (TIA) Kern National Wildlife Refuge (KRR)
San Andreas (TCCC)	*Tuolumne-Calaveras Unit (TCU)
San Bernardino (SBCC)	*San Bernardino National Forest (BDF) *California Desert District (CDD) Death Valley National Park (DVP) Mojave National Preserve (MNP) Southern California Agencies (SCA) Joshua Tree National Park (JTP)
San Luis (SLCC)	*San Luis Obispo Unit (SLU)
Santa Barbara (SBDC)	*Santa Barbara County Fire (SBC)
Sierra (SICC)	*Sierra National Forest (SNF) San Luis National Wildlife Refuge (LUR)
Stanislaus (STCC)	*Stanislaus National Forest (STF)
Ventura (VNCC)	*Ventura County Fire Department (VNC)
Visalia (TUCC)	*Tulare Unit (TUU)
Yosemite (YPCC)	*Yosemite National Park (YNP)

* Agency has staffing in the ECC

The center ROSS designators are identified by the four letters in parenthesis. Center is identified by intercom call sign, not the radio call sign. State, county, Angeles, San Bernardino and Monte Vista centers have 24 hour staffing. ***All other federal centers have personnel available on call after normal business hours.***

Geographic Boundry Map

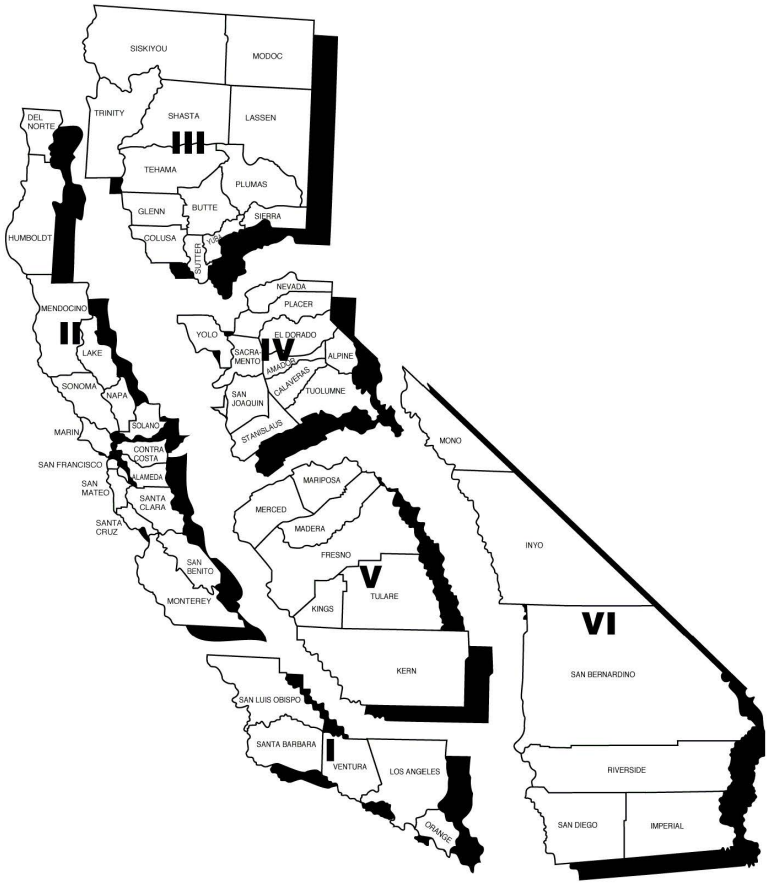


CAL OES FIRE AND RESCUE REGIONAL MAP

Cal OES Fire and Rescue Division Regional Mutual Aid Coordinators

Acting Region III Coordinator
Mike Bradley
CAL FIRE Northern Region Operations
6105 Airport Rd, Redding, CA 96002
Admin: (530) 224-2460 Admin. Fax: (530) 224-2496
24 Hr. Dispatch: (530) 224-2434 24 Hr. Fax: (530) 224-4308

Region IV Coordinator
Eric Walder
South Placer Fire District
6900 Eureka Road, Granite Bay CA 95746
Admin: (916)791-8464 Admin Fax: (916)791-4350
24 Hr.Dispatch: (530) 886-5375 24 Hr. Fax (530) 886-5391



Cal OES Fire & Rescue Division
Sacramento Headquarters
3650 Schriever Avenue
Mather, CA 95655
Fire & Rescue Division: (916) 845-8711
Nights & Weekends: (916) 845-8911
FAX: (916) 845-8396

State Fire and Rescue Chief

Kim Zagaris
kim.zagaris@caloes.ca.gov

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Deputy Chief North – Brian Woodbeck
brian.woodbeck@caloes.ca.gov

Deputy Chief South – Art Torrez
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FIRE ADMINISTRATION
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FLEET OPERATIONS
Deputy Chief – Steve Hart
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SPECIAL OPERATIONS/ HAZ-MAT Deputy Chief – Larry Collins
larry.collins@caloes.ca.gov
Assistant Chief – Vacant

Assistant Chief – Joe Gear
joe.gear@caloes.ca.gov

FIRESCOPE
Deputy Chief- James Johnstone
2524 Mulberry St.
Riverside, CA 92501
Office: (951) 320-6108
Fax: (951) 782-4239
Email: james.johnstone@caloes.ca.gov

Assistant Chief – Cathy Johnson
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Redding, CA 96002
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Cell: (916) 642-3825
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Region II Coordinator
David Rocha
Alameda County Fire Department
6363 Clark Avenue, Dublin CA 94568
Admin: (510) 632-3473 or (925) 833-3473 Admin Fax: (925) 875-9387
24 Hr. Dispatch (925) 245-0420 24 Hr. Fax (925) 422-5730

Region V Coordinator
Mark A. Johnson
Fresno County Fire Protection District
210 S Academy Avenue, Sanger, CA 93657
Admin: (559)493-4300 Fax :(559)875-8473
24 Hr. Dispatch (559) 292-5271 24 Hr. Fax (559) 292-0368

Region I Coordinator
Daryl Osby
Los Angeles County Fire Department
1320 N. Eastern Avenue, Los Angeles, CA 90063-3294
Admin: (323) 881-2401 Admin Fax: (323) 265-9948
24 Hr. Dispatch (323) 881-2455 24 Hr. Fax (323) 266-6925

Region VI Coordinator
Thomas Porter
CALFIRE Southern Region Operations
2524 Mulberry Street, Riverside, CA 92501
Admin: (951) 320-6200/ Admin Fax: (951) 320-6395
24 Hr. Dispatch (951) 320-6197 24 Hr. Fax (951) 782-4900

1-2-2018

California Fire and Rescue Ordering Process

Forest agencies (Federal and CAL FIRE) in California may request assistance from Local Government fire department resources (overhead, engines, water tenders) via CFAA Agreement; these requests are placed in ROSS from the forest agency dispatch center to the CAL OES Operational Area which is currently threatened.

Operational Area dispatch centers will fill the requests with resources form within the Operational Area or once exhausted place outstanding requests to the CAL OES Regional dispatch center.

CAL OES Regional dispatch centers will place outstanding requests to other Operational Areas within their Region or when all Operational Areas within their Region are exhausted will place requests to CAL OES Sacramento (OESH).

Resource orders will be processed based on need. An "Immediate Need" order will be processed as soon as possible for incidents that meet these criteria.

Resource orders for "Planned Need" mobilization in respect to Date and Time Needed will be determined and negotiated by the respective GACC and the requesting and sending unit to provide for resource safety.

OESH will place outstanding requests to other CAL OES Regions in the state for processing based on closest available resource.

The CAL OES Name Request Justification form in required for all local government overhead name requests with the exception of IMT members. IMT members rostered in ROSS, on the initial fill of the team, do not require a Name Request Justification form. Team members responding after the initial tam roster has been filled in ROSS require a Name Request Justification form.
This form should be used once a resource order has been returned "Unable To Fill" at both California GACC's.
This form may be used for hard to obtain or specialized resources identified as Critical Needs.
The form can be located at http://caloes.ca.gov/FireRescueSite/Documents/CalOES%20-%20Name%20Bulletin%202001.pdf

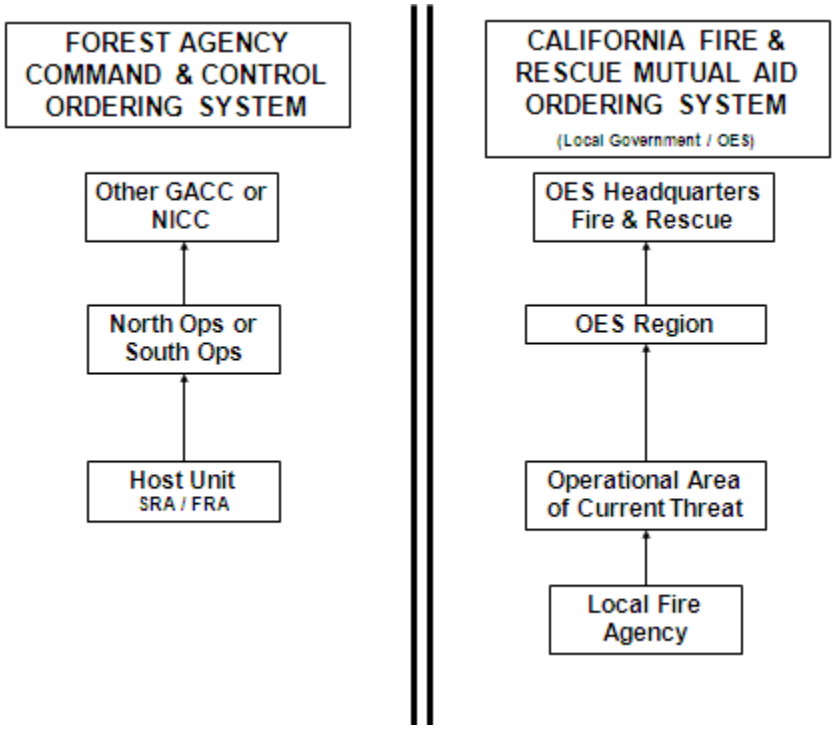
Refrence CAL OES Operations Bulletin 1 – Closest Resource Concept.
http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Operations%20Bulletin%2001.pdf

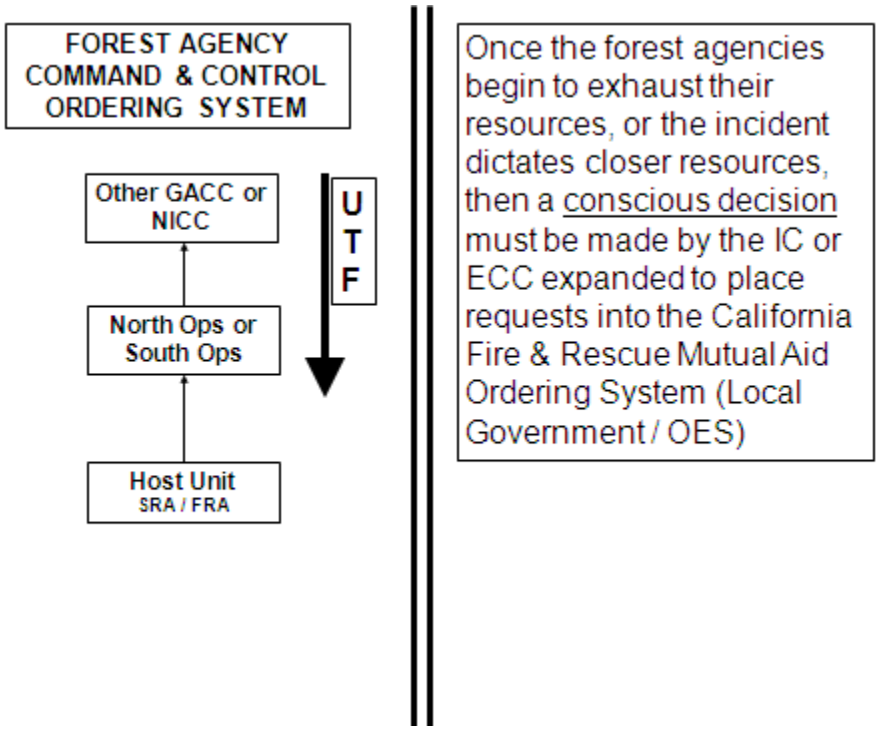
Cal OES, CAL FIRE, and the Federal Fire Agencies, and local agencies release or reassignment of emergency apparatus used pursuant to the California Fire Assistance Agreement (CFAA) will be coordinated through the on-scene Cal OES Fire and Rescue Chief Officer, the local jurisdiction agency representative, or their authorized representative or the Cal OES Fire Duty Officer.

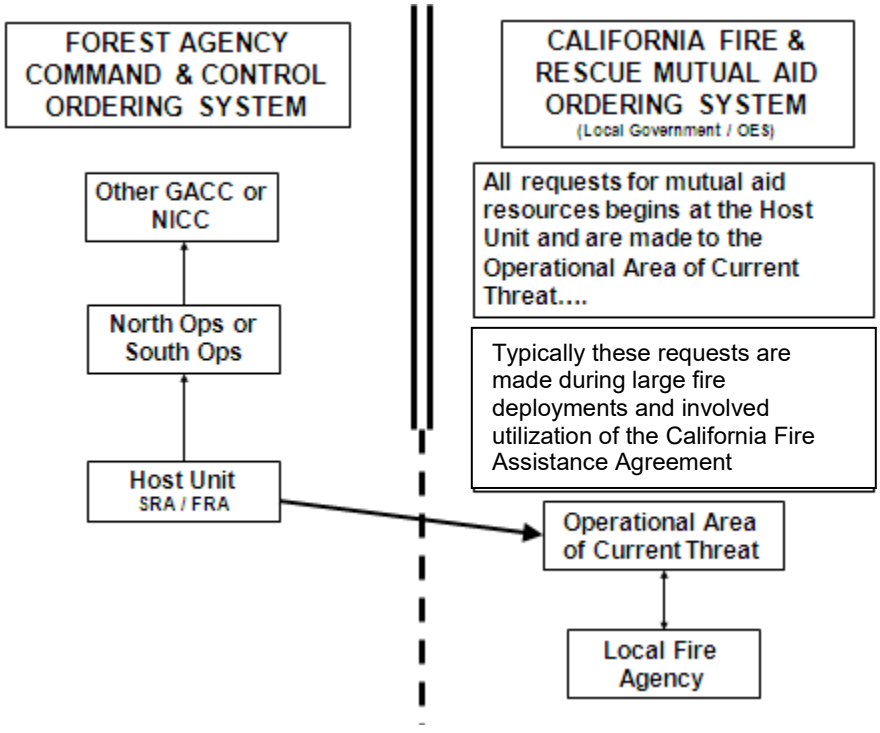
California Fire and Rescue Mutual Aid System emergency apparatus and personnel requested through the California Fire Assistance Agreement (CFAA) may not be reassigned to a different incident in another Cal OES Operational Area, or to another incident through a different Agreement without the responding agency's approval. The host State of California or Federal Fire Agency shall secure approval for such reassignment through the California Fire and Rescue Mutual Aid System.

Resources ordered outside the CFAA (example: Master Mutual Aid), will follow the same process.

The diagrams below illustrate the Forest Agency and California Fire and Rescue ordering process




FOREST AGENCY COMMAND & CONTROL ORDERING SYSTEM
Other GACC or NICC
North Ops or South Ops
Host Unit
SRA / FRA
U T F
Once the forest agencies begin to exhaust their resources, or the incident dictates closer resources, then a conscious decision must be made by the IC or ECC expanded to place requests into the California Fire & Rescue Mutual Aid Ordering System (Local Government / OES)


FOREST AGENCY COMMAND & CONTROL ORDERING SYSTEM
CALIFORNIA FIRE & RESCUE MUTUAL AID ORDERING SYSTEM
(Local Government / OES)
Other GACC or NICC
North Ops or South Ops
Host Unit
SRA / FRA
All requests for mutual aid resources begins at the Host Unit and are made to the Operational Area of Current Threat....
Typically these requests are made during large fire deployments and involved utilization of the California Fire Assistance Agreement
Operational Area of Current Threat
Local Fire Agency

CAL OES Region/Operational Area ROSS Responsibility

CAL OES Region/Operational Area	ROSS Responsibility
CAL OES Region 1	Los Angeles County Fire
XLA-Los Angeles County Area A	Los Angeles City Fire
XLB-Los Angeles County Area B	Los Angeles County Fire
XLC-Los Angeles County Area C	Verdugo Fire Communication Center
XLE-Los Angeles County Area E	Los Angeles County Fire
XLF-Los Angeles County Area F	Los Angeles County Fire
XLG-Los Angeles County Area G	Los Angeles County Fire
XOR-Orange County	Orange County Fire Authority
XSL-San Luis Obispo County	CAL FIRE, SLU
XSB-Santa Barbara County	Santa Barbara County Fire
XVE-Ventura County	Ventura County Fire
CAL OES Region 2	Alameda County Fire
XAL-Alameda County	Alameda County Fire
XCC-Contra Costa County	Contra Costa County FPD
XDN-Del Norte County	CAL FIRE, HUU
XHU-Humboldt County	CAL FIRE, HUU
XLK-Lake County	Alameda County Fire
XMR-Marin County	Marin County Fire
XME-Mendocino County	CAL FIRE, MEU
XMY-Monterey County	CAL FIRE, BEU
XNA-Napa County	CAL FIRE, LNU
XBE-San Benito County	CAL FIRE, BEU

CAL OES Region/Operational Area	ROSS Responsibility
XSF-San Francisco County	Alameda County Fire
XSM-San Mateo County	Alameda County Fire
XSC-Santa Clara County	Santa Clara County Fire
XCZ-Santa Cruz County	CAL FIRE, CZU
XSO-Solano County	Alameda County Fire
XSN-Sonoma County	Red Com JPA
CAL OES Region 3	CAL FIRE, NOPS
XBU-Butte County	CAL FIRE, BTU
XCO-Colusa County	CAL FIRE, NOPS
XGL-Glenn County	CAL FIRE, NOPS
XLS-Lassen County	CAL FIRE, LMU
XMO-Modoc County	CAL FIRE, NOPS
XPU-Plumas County	XPU Plumas County
XSH-Shasta County	CAL FIRE, SHU
XSI-Sierra County	CAL FIRE, NOPS
XSK-Siskiyou County	CAL FIRE, SKU
XSU-Sutter County	CAL FIRE, NOPS
XTE-Tehama County	CAL FIRE, TGU
XTR-Trinity County	CAL FIRE, NOPS
XYU-Yuba County	CAL FIRE, NOPS
CAL OES Region 4	CAL FIRE, NEU
XAP-Alpine County	CAL FIRE, NEU
XAM-Amador County	CAL FIRE, AEU
XCA-Calaveras County	CAL FIRE, TCU

CAL OES Region/Operational Area	**ROSS Responsibility**
XED-El Dorado County	CAL FIRE, AEU
XNE-Nevada County	CAL FIRE, NEU
XPL-Placer County	Placer County Sheriff
XSA-Sacramento County	Sac Regional JPA
XSJ-San Joaquin County	CAL FIRE, NEU
XST-Stanislaus County	CAL FIRE, NEU
XTB-Tahoe Basin Area	CAL FIRE, NEU
XTO-Tuolumne County	CAL FIRE, TCU
XYO-Yolo County	CAL FIRE, NEU
CAL OES Region 5	CAL FIRE, FKU
XFR-Fresno County	CAL FIRE, FKU
XKE-Kern County	Kern County Fire
XKI-Kings County	CAL FIRE, FKU
XMA-Madera County	CAL FIRE, MMU
XMP-Mariposa County	CAL FIRE, MMU
XMD-Merced County	CAL FIRE, MMU
XTU-Tulare County	Tulare County Fire
CAL OES Region 6	CAL FIRE, SOPS
XIM-Imperial County	CAL FIRE, SOPS
XIN-Inyo County	CAL FIRE, SOPS
XMN-Mono County	CAL FIRE, SOPS
XRI-Riverside County	CAL FIRE, RRU
XBO-San Bernardino County	San Bernardino County Fire
XSD- San Diego County	North County Dispatch JPA

Communication

The formal route of communications for the Unit/Forest/Local government level is through the GACC Federal and CAL FIRE Duty Chief. The Duty Chiefs are responsible for briefing their organizations in the procedures of incident information flow and for assuring timely exchange of information with minimal disruption to the dispatch function. These guidelines are offered to assist the Duty Chief in briefing their personnel. The following items give some general indicators of situations that should prompt contact between agencies and with the Federal, CAL FIRE Regions and Headquarter levels.

- When large incidents, incidents in a sensitive area, or multiple incidents occur.
- When geographic area federal or state resources are becoming depleted.
- When resources are being moved outside of their assigned GACC.
- When an Incident Management Team is mobilized for an incident.
- When structures or property are destroyed, or serious injuries or aircraft accidents occur.
- Fire Directors and California Wildland Coordinating Group (CWCG) will be notified when preparedness levels are adjusted due to suppression activity in their Geographical Area or the adjacent Geographical Areas.

Emergency Management Assistant Compact – Resource Mobilization and Demobilization

Mobilization

All resource requests will be submitted using the Resource Ordering and Status System (ROSS). Requests for all tactical aircraft will be made using the state intercom and the FC 106 Script to expedite the requests.
Refer to California Interagency Mobilization Guide Chapter 50 and California Interagency Mobilization Guide Appendix.

Unit Dispatch Procedures

California will provide all-risk dispatching services through existing dispatch centers that are consistent with the needs and schedules of field going employees.

- Each Unit will provide for its own dispatching needs. Standardized dispatching procedures will be used at each dispatching level within California.
- Dispatching procedures are developed so that each Unit will dispatch to the extent of its available resources before requesting additional aid from the GACC.
- Units will pre-plan and identify all mutual aid assistance/move-up of resources between adjoining Units, including those in other geographic areas/States and other agencies. Resource commitments should be limited to those resources that could be expected to provide effective initial attack, or fast follow-up to initial attack, within the established areas for mutual assistance. It is the responsibility of the sending Unit to notify the appropriate GACC whenever action is taken under one of these plans.
- Units will work directly with other dispatch centers, county and city fire departments, and local and state law enforcement agencies in their Unit or GACC's area of influence. They will keep the GACC advised of all mobilization/demobilization of personnel/crews and aircraft received through this procedure.
- Units will handle all dispatching procedures for agency personnel during scheduled field operation hours. CAL FIRE Emergency Command Centers are staffed 24 hrs.

- Federal Dispatch Centers may enter into cooperative agreements with other agencies, or amend existing agreements, to provide dispatching services outside of normal field operation hours.
- Each Dispatch Center will have a work schedule that allows them to meet the needs and scheduled work hours/shifts of field going personnel.
- CAL FIRE Command Centers will use CAL FIRE issuance publications, in particular the 8100 Command and Control Handbook, as their operational guides.
- Each Federal Unit will utilize operational guides which define procedures and required actions for all hazardous activities. These guides will be available in each Dispatch Center and field office.
- All field going personnel will remain in radio contact with the Dispatch Center unless otherwise arranged through the Center.
- Dispatch Centers are to communicate weather forecasts to all field going personnel, especially firefighters according to agency direction. Dispatch Centers are to update field personnel of changes in predicted weather patterns.

GACC Dispatch Procedures

The GACC will fill orders from the most appropriate source available. The most appropriate source will be determined on the basis of urgency, resource availability, delivery time, reasonable cost effectiveness, impact on other Units, and consideration of the overall fire program. Within 30 minutes, the ability or inability to fill the order will be relayed to GACC by the Unit attempting to fill the order. Objectives of the GACC include:

- Provide dispatch and coordination services. Dispatch personnel, equipment, aircraft, and supplies between GACC's, Units, other States, or agencies. Expand the GACC dispatching organization to meet current demands.
- Maintain status on amounts and location of specified overhead, crews, equipment, aircraft, and supplies.
- Assist in determining GACC priorities for overhead, crews, equipment, aircraft, and supplies in multiple incident situations, and fill requests accordingly.
- Inform State and Federal Duty Chief, Units, National Interagency Coordination Center (NICC), and other cooperating agencies of current and critical incident situations.
- Collect and distribute information concerning the overall incident situation.
- Encourage and practice close cooperation in using shared resources with other cooperating agencies, as well as private wildland fire services, including contract and agreement resources.
- Anticipate requirements, evaluate requests in light of the actual and imminent incident situation, and question (through proper channels) orders appearing to be out of balance with requirements, needs, or policy/procedure.
- The GACCs may fill each other's requests within California prior to requesting assistance from NICC.
- The GACC Duty Chiefs will work closely to support each other’s existing needs.

NICC Dispatch Procedures
NICC will follow defined national mobilization guidelines.

Mutual Aid
Mutual aid is utilized when an incident is likely to exceed, or has exceeded, the ability of the responsible agency to control. Agencies receiving mutual aid are responsible for logistical support to all mutual aid personnel and equipment.

For agreements governing mutual aid, refer to the California Interagency Mobilization Guide, Chapter 80.

Request for Assistance
After local agreements and mutual aid resources have been exhausted, requests for assistance should be placed directly with the appropriate GACC for state and federal resources or Fire and Rescue Operational Area for CAL OES and local government resources. A file of all mutual aid and other agreements will be maintained in the ECCs. These files will be available to the GACC upon request.

Emergency Management Assistant Compact – Resource Mobilization and Demobilization
When an incident is declared an emergency or disaster by the Governor of California, this authorizes funds to be expended for response and recovery, potentially activating Emergency Management Assistant Compact (EMAC) ordering. Once State and Local resources are depleted, California Office of Emergency Services (OES) in collaboration with partner agencies will seek assistance through the EMAC process. The Governor's Office of Emergency Services EMAC Coordinator then establishes contact with EMAC Member States to source the request starting with the closest states (time/distance). The requesting and assisting State Emergency Management Agencies complete an EMAC Request for Assistance Form (REQ-A) for accepted offers of assistance. The completed REQ-A, incident resource order requests will be created and placed to Agencies participating in resource ordering system tracking resources from mobilization through demobilization. If Agency resources are not in the resource order system, OES will build resources within the program and fill in requests and track them through demobilization.

Support to Border Fires
A border fire is defined as a wildfire that has crossed the boundary from one GACC into another, or which is expected to cross the boundary within two burning periods. For specific operating plans and agreements, refer to the California Interagency Mobilization Guide, Chapter 80.

Since both GACCs have a responsibility and authority to provide resource support to the incident, they may place requests for resources directly between each other in order to support the incident. The following protocols apply:

- A single ordering point will be designated to ensure proper assignment and demobilization of resources. The incident will remain with the originating Unit for situation reporting and prioritization.
- The dispatch organization designated as the single ordering point may place orders to either GACC using established ordering channels; however only the GACC of the designated single ordering point is authorized to place requests up to NICC.
- Prior to initiating border fire support operations, concurrence and agreement must occur between the two GACCs and NICC. Coordinate as needed to maintain effective incident and GACC support.

Unified Ordering Point (UOP)
When an incident involves more than one jurisdiction, and unified command is activated, a unified ordering point (UOP) shall be established.

Purpose
To establish a single ordering point for all resources required by the incident.

Goal
The goal of the UOP is to allow the agencies involved in the incident the opportunity to fill requests at the lowest level including the use of local mutual aid and assistance, to avoid duplication of orders and to provide a single system for tracking resources for cost share agreements.

Guidelines
- The unified commanders will determine which agency ECC will be identified as the UOP. Notification will be made immediately by each agency involved.
- The UOP should be staffed with personnel from all agencies involved in unified command. Once the UOP has been designated, it should remain at that location for the duration of unified command.
- The UOP will use the Order Number that has been assigned by the agency in whose Direct Protection Area (DPA) the incident started. This number should not change for the duration of the incident.
- All requests from the incident will be processed through the UOP.
- The UOP will utilize local agency resources and those available through agreements with local cooperators of the agency assuming financial responsibility before passing requests to the next level.
- When the UOP is unable to fill a request, it will be placed to the next level ECC based on the UOP host's agency dispatch channels.
- The incident will order cache items direct from the nearest national cache.
- Refer to California Mobilization Guide Chapter 40 for Hired Equipment.

Relocating the UOP
It may be necessary to relocate the UOP due to one of the following conditions:
- The incident returns to a single jurisdiction (the UOP will be terminated and the responsible agency ECC will assume the role).
- Unified commanders are advised and concur that limited or unsatisfactory service will result if the UOP remains at the current location.

The following guidelines are recommended:
- Determine the new location.
- All documents (or clean copies) will be moved to the new UOP location prior to commencing operations.
- Allow adequate time for transition including movement of UOP personnel and documents.

Resource Ordering

ROSS shall be used for documenting mobilization and demobilization actions of all resources.

Reference the California ROSS Business Practices and Standards guide for procedures in utilizing the program.

The Resource Order form will be used as the backup for all agencies. Refer to the California Mobilization Guide, Appendix.

All resource requests will be submitted using Resource Ordering and Status System (ROSS). Only requests for aircraft and/or immediate need ground forces may be made using the intercom, then followed as quickly as possible with the matching ROSS request. This allows immediate-need resource requests to be processed in the most expedient manner. All other ordering is to be accomplished utilizing ROSS and the telephone.

Request Information

Request Number:

Reference the California ROSS Business Practices and Standards document for detailed information regarding requests. All known information, as detailed as possible, including the financial code and reporting instructions, will be entered into ROSS.

Federal FireCode:

A FireCode will be generated for all incidents using federal resources or resources from federal caches.

Issuance of a FireCode for Federal resources responding to a non-federal incident will be the responsibility of the Forest agency list in ROSS Business Practices Attachment D. Issuing Fire Codes for cooperators.

http://www.firescope.org/ross/ross_business_practice.pdf

For out of GACC requests the host GACC will create the FireCode.

Travel Mobilization and Demobilization

Resource Ordering and Status System (ROSS) will be used for mobilization and demobilization of resources from all incidents. All times (ETA and ETD) are in local time zones.

Mobilization travel will normally be arranged by the sending Unit and demobilization travel will be arranged by the incident host. In the event the incident host or sending Unit does not have the ability to make necessary travel arrangements, contact the GACC for direction.

Demobilization of personnel and resources from the incident to the home Unit must follow the chain of command and remain within established communication channels. Complete and accurate records of personnel, transportation, and equipment are a must.

Commercial airline travel will be documented in ROSS using the Travel Itinerary function. Any travel involving a known RON (Remain Over Night) location will also be documented in ROSS using the Travel Itinerary function.

CAL FIRE

Some CAL FIRE Units have approved initial attack operating plans with jurisdictions out-of-state. In those cases, dispatch resources in accordance with those plans. Whenever possible have the requesting out-of-state agency make travel arrangements for CAL FIRE personnel through the host agency's travel agent so the bill can be paid directly by the requesting agency.

For out of state travel on Federal incidents the GACC can assist with making flight and rental car arrangements. Reference the CAL FIRE Handbook 8100 procedure 600.

Cal OES

Reassignment of OES and Local Government Resources

OES and Local Government resources being released from an incident fall back to the control of the respective GACC. If reassignments of these resources are necessary, there must be positive coordination with the OES AREP on scene of the incident or the Cal OES Duty Officer or the Cal OES Duty Chief to secure express permission to reassign and OES or Local Government resource to another incident. Resources cannot be reassigned without this express permission.

Emergency Demobilization

For emergency release of a resource, the Emergency Release Form will be completed by the host ECC and submitted to the GACC. Refer to the California Interagency Mobilization Guide, Appendix.

Demobilization Planning

Demobilization planning should begin with the mobilization build-up.
Notify the GACC prior to releasing out of Unit resources. Approval for releases will be obtained from each level involved in processing the original request. This allows the agencies the opportunity to reassign resources efficiently.

Demobilization Considerations

- Release Timing: The planning section will alert the incident host Unit with adequate lead time to allow planning to be accomplished.
- Payments: Each agency will follow their incident business plan for incident payment processes.
- Transportation: Costs should be considered in determining release priority. Sufficient lead time is imperative in arranging for transportation to be at the departure point when crews or personnel are ready to depart. Late night releases or travel are to be avoided. Every effort will be made for released resources to be home or RON by 2200, local time.
- Communications: Adequate communication between key personnel (i.e. Plans Section Chief, Demob Unit Leader, Logistics Chief, Ground Support Unit Leader, Finance Team, Agency Representative if applicable, GACC and home Unit.) must be established and maintained. It is important that the ECC receive notice of ETA of returning personnel in sufficient time to arrange for their travel.

Demobilization Plan

All extended attack incidents involving out of Unit or national resources will have a demobilization plan. A copy will be provided to the incident expanded dispatch and the GACC in a timely manner prior to resources being released from the incident.

Each Demobilization Plan has five parts:

1. **General Information**.
   Includes procedures to get resources from incident base to home.
2. **Responsibility**.
   Includes specific procedures and responsibility for each function on release, schedule and transportation, or other specific areas that need to be covered.
3. **Release priority**.
   Includes procedures to coordinate and establish a release priority list.

4. **Release procedures**.
   Includes specific procedures to be followed for surplus resources.
5. **Incident Directory**.
   Includes all communication methods from base to dispatch, with a list of names and phone numbers for all functions.

Contract Resources/Hired Equipment

Federal

Administratively Determined (AD)/Casual Hire refers to individual personnel hired for emergency purposes. Reference the federal Interagency Incident Business Management Handbook.

Contract engines and crews are a resource of the host Unit dispatch center. The contract resources will be dispatched through the host Unit.

Regional contract resources may be utilized when agency resources are insufficient to meet present and anticipated needs according to the Unit's Specific Action Guide and/or the Geographic Area Staffing Guide.

Units will check the availability of agency resources (federal/state) within their GACC prior to using contracted resources. When mobilizing contract resources, Units will utilize agency owned resources first, followed by agency cooperators, national contract resources, regional contract resources, and then contract resources, according to agency direction. Requests for contract resources will follow normal dispatch procedures.

Contract resources ordered in strike team configuration will use agency personnel as the strike team leader.

For mobilization of national contract resources, reference the National Interagency Mobilization Guide, Chapter 30 for crews and Chapter 40 for Equipment and Supplies.

For mobilization of Regional Forest Service contract resources, refer to the California Interagency Mobilization Guide, Chapter 30 for Crews and Chapter 40 for Equipment.

CAL FIRE

Hired equipment resources may be utilized when agency resources are insufficient to meet present and anticipated needs. The contract resources will be dispatched through the host Unit.

Specifics for hired equipment and emergency workers can be found in CAL FIRE Handbooks 3900 and 7700, section 3934 and section 7761.

Refer to California Interagency Mobilization Guide, Chapter 40 for Hired Equipment.

Preparedness Plan

Preparedness Plan For Wildland Fire Agencies Of California

The Preparedness Plan is endorsed by the California Wildland Fire Coordinating Group (CWCG) which represents the following agencies:

United States Forest Service
California Department of Forestry and Fire Protection
Bureau of Land Management
National Park Service
U.S. Fish and Wildlife Service
Bureau of Indian Affairs
Governor's Office of Emergency Services
CAL FIRE Contract Counties

Purpose

California will have two preparedness levels, corresponding to the North and South Geographic Areas. These levels will reflect fire activity and fire weather conditions in each Geographical Area and therefore may be different. California's commitment to meet National activities will only extend to federal personnel and resources which are available. State, County, and Local Fire Department Resources can only be made available on a case by case basis determined at the time requested.

The purpose of the Preparedness Plan is:

- To coordinate workforce and equipment needs for wildland fire activities and prescribed fire.
- To ensure that fire protection responsibilities and commitments to prescribed fire do not exceed State wildland fire capabilities, and are coordinated with state and national wildland fire activities.

Monitoring

MAC Area preparedness levels will be monitored and managed by the Cal Fire California Northern Region (CNR) and federal agencies' Operations Northern California (ONC) in Redding, hereafter referenced as North Ops, and the CAL FIRE Southern Region (CSR) and federal agencies' Operations Southern California (OSC) in Riverside, hereafter referenced as South Ops, for Preparedness Levels 1, 2, and 3. The determination of these levels will represent a consensus of the Interagency Coordinators from the Forest Service, Department of Interior, Governor's Office of Emergency Services, Fire and Rescue Branch, and California Department of Forestry and Fire Protection. CWCG will be kept appraised of changes in levels. The GACC will contact the Chair of CWCG to recommend moving above Preparedness Level 3. The Chair of CWCG will contact the members or representatives to develop consensus on the recommendation, and report the result to the GACC. CWCG does not need to convene for moving from Preparedness Level 4 to Preparedness Level 3.

Preparedness Level Activation and Deactivation

Based on fire weather, fire activity, and resource commitment to wildland fires, prescribed fires, and fuels projects, each GACC will start preparedness planning no later than May 1 and continue to at least October 15 of every year.

Each agency representative will initiate the restrictions imposed by the preparedness levels upon those lands within their jurisdiction. Federal agencies will impose these restrictions that are required by the National Preparedness Plan as well.

Managers of prescribed fires and fuels projects using national resources (Type 1 handcrews, air tankers, etc.) are to request the use of the national resources from the appropriate GACC each day prior to implementation. GACC agency coordinators will also track the planned use of these

national resources in contingency planning to avoid simultaneous commitment of the same resources to multiple fires or projects.

Preparedness Levels

Preparedness Level 1

Definition: Few or no class A, B, and C wildland fires. Minimal or no commitment of interagency resources to suppression activities. Current and short-range predictions for low to moderate fire danger. Local Units implementing prescribed fire operations with sufficient contingency resources available. Agencies above drawdown levels and requests for personnel and resources outside of the local area are not occurring.

Action/Responsibility:

- North and South GACC post preparedness levels out on the daily situation report for agency field Units.
- North and South GACC to notify NICC of starting preparedness planning or daily preparedness level.
- All prescribed fires within Geographical Areas are to be reported to the respective GACC for inclusion in the morning report. Coordinators to notify Units if national/shared resources are not available as contingency resources.

Preparedness Level 2

Definition: Numerous class A, B, and C wildland fires. Local commitment of interagency resources for initial attack, fuels projects and wildfires managed for ecological objectives. Current and short-term weather predictions for moderate fire danger. Local Units implementing prescribed fire operations with sufficient contingency resources available. Agencies above drawdown levels and requests for personnel and resources outside of the local area are of minimal to low impact.

Action/Responsibility:

- Continue Preparedness Level 1 activities.

Preparedness Level 3

Definition: High potential for Class D and larger fires to occur, with several active Class A, B, and C fires. Mobilization of agency and interagency resources within the geographic area, but minimal mobilization between or outside of geographic area. Current and short-term forecasted fire danger is moving from medium to high or very high. Local Units implementing prescribed fire operations starting to compete for interagency contingency resources.

Agencies still above drawdown levels for suppression resources, but starting to have difficulty maintaining sufficient resources to meet initial attack responsibilities, project fire support, and fuel projects/prescribed fire requirements without prioritizing or using non-local support. Some critical resource needs are starting to be identified.

Action/Responsibility:

- Continue previous preparedness activities.
- CWCG chair is made aware by GACC's when fire danger, fire activity, drawdown, and GACC mobilization patterns likely to lead to Level 4. Chair of CWCG informs members of current preparedness level in advance of moving to Preparedness Level 4.

- When a prescribed burn is scheduled or is in progress the appropriate Coordination Center will be informed through agency channels of the date of ignition, acres planned to be burned during the next 24 hours, and acres burned the previous day.
- Cooperating agencies can limit the use of their resources as contingency resources, or make them unavailable for use on prescribed fires.
- Establish contact with appropriate geographic area military aviation assets and apprise them of current preparedness level.

Preparedness Level 4

Definition: Continuing initial attack activity and Class D or larger fires are common in one or both geographic areas. Resource ordering and mobilization of personnel is occurring between GACC. The long range forecast for the next week indicates continued high fire danger. Local Units may implement new fuels and prescribed fire projects, but operational and contingency resources must be provided by the agency or by local arrangements.

Long range fire weather forecasts predict high to very high fire danger. Significant potential exists for moving into extreme fire danger in at least one geographic area.

Personnel and resources at minimum drawdown levels, especially for initial attack. Fuels projects and prescribed fires can only be implemented with agency contingency resources or special arrangements within the local Units.

Mobilization and resource requests are occurring for suppression assignments within the GACC and between the Northern and Southern GACC.

Action/Responsibility:

- Continue with previous preparedness activities.
- CWCG determines the need for conference calls.
- Consider activation of the California Interagency Military Helicopter Firefighting Program.
- Consider activating Military Aviation Operations Coordinator to proactively work with local military aviation assets.

Preparedness Level 5

Definition: CalMAC may be fully activated. Agencies are below drawdown levels. Class D and larger fires are common in one or both geographic area. Either or both GACCs cannot fill many outstanding resources requests and are sending these orders to NICC. Use of local government resources is common. Reassignment of personnel and resources between incidents is common.

Current and short range weather forecasts predict very high to extreme fire danger. Long range forecasts for the next week for either GACC indicate continued very high to extreme fire danger. Activation of National Guard or military personnel and resources is being considered or has occurred.

Requests for CAL FIRE resources are causing the agency to drop below drawdown levels. State and Local government personnel are being used to fill out-of-state requests. Actual and long range fire danger predictions are for very high or extreme.

Personnel and resources are at or below agency minimum drawdown levels.

Action/Responsibility:

- If CalMAC is fully activated they will determine whether to host conference calls or meet in person. Statewide priorities being set by CalMAC.
- The status of on going fuels projects or prescribed fires will be reviewed by CalMAC, as well as any proposed new fuels/wildland fire use/prescribed fire projects. Final decision to implement rests with implementing agency.
- No new prescribed fire without approval by CalMAC representative that these activities are expected to have no significant effect on suppression activities. Existing projects should consider different management strategies to make personnel available for suppression activities elsewhere. Final decision to implement these projects rests with the implementing agency.
- Individual Units will report resource status to CalMAC as specified (as needed).
- CalMAC assesses statewide/national situation for determination of the need for resources.

Guidelines for Determining Preparedness Level

The following information will be used to determine preparedness levels for the Northern Operations and Southern Operations, and/or the entire state.

- Current California and National fire situation.
- National Preparedness levels.
- Predicted fire potential.
- Firefighting resource availability.

Move up

When resource availability becomes critical and extreme incident danger is expected to continue, move up resources may become necessary (aircraft, crews, engines, etc.).

Forest Service

Resource move up must be approved prior to such action taking place. Each GACC Coordinator must assess the situation, and if such actions are determined necessary, approve expenditure of funds for move-up.

CAL FIRE

When resources are needed for move up from outside a Unit, the Unit must enter a request into ROSS and place the request to the GACC. The GACC will assess the overall situation of the Region, and shall place the requests with the appropriate Unit to fill. Reference the CAL FIRE 8100 Handbook, policy 8121.

BLM & NPS

Requests for resource move-up will be initiated by the requesting District or Park and coordinated through the DOI Coordinator. Move up requests will then be processed through normal procedures through the respective GACC.

Drawdown Levels

Drawdown definitions for engines, crews and aircraft:

0 There is **no resource drawdown** (fully staffed with minimal commitment to initial attack). Initial attack success is highly probable.

1 Resource **drawdown is Moderate** (approximately two/thirds of resources available). Initial attack success is likely.

2 Resource **drawdown is Significant** (approximately one half of resources available). Initial attack success is marginal.

3 Resource **drawdown is Critical** (approximately one/third of resources available). Initial attack success is questionable. There are insufficient resources to support any new large fires.

Forest Service Minimum Drawdown Standard

The following matrix depicts the minimum resources necessary to ensure Forest Service GACC coverage:

	North Ops	**South Ops**
Type 1 Crews	4	4
Smokejumpers Load	1	0
Helicopters	4	4
Airtankers (heavy) on order	1	1
Type 2 IMT's	1	1
Aerial supervision	1	1

DOI Agencies Drawdown Levels

Department of Interior Agencies will follow the identified draw down levels per the Agencies Fire Management Plans.

CAL FIRE Drawdown Levels

CAL FIRE incident drawdown levels are defined in the CAL FIRE 8100 Handbook, policy 8121.

California Incident Priorities

When California is involved in multiple incidents that are drawing resources, the cooperators (USFS, CAL FIRE, BLM, NPS, and other wildland agencies) will prepare a California Incident Priority List.

The GACC will revise the list daily and provide it to NICC, the GACCs, involved cooperators, and Units with incidents. Priorities are negotiated with involved cooperators and incorporated into the Multiagency Coordinating Group (MAC) Incident Status Summary, ICS Form 209, and other documents.

MACS Group Procedure Guide (MACS 410-1) can be found at this web address: http://www.firescope.org/macs-docs/MACS-410-1.pdf

Incident Priority Rating Procedures

1. **Acquire Informaion** regarding incident situation and resource needs. Incident priorities should be directly related to resource needs and meeting operational objectives.

- Weather

- Major fires – uncontained with potential resource threat. Name, location, acreage, Type 1 or 2 Incident Management Team with Incident Commander's name, fuel type.

Referene MACS 410-1, page 15

- Resource Status:
  - Airtankers, Helicopters, Air Attack (by agency, kind, type, and location)
  - Engines (agency and type)
- Committed by incident
- Mobilzation Center reserves (if appropriate)
- Uncommitted and available by affected organizations or state mutual aide regions (major fire jurisdictions)
  - Hand Crews (agency and type)
- Committed by Incident
- Mobilization Center reserves
- Uncommitted and available at home base
  - Dozers available (agency only)

2. <u>Acquire Special Information.</u> Anything of interest that would influence decision making (i.e., "Campbell Fire is burning toward Federal DPA" or "CAL FIRE Humboldt-Del Norte Unit is experiencing a series of small lightning-caused fires.)

3. <u>Standard Evaluation Criteria Used to Determine Incident Priorities.</u>
(Ensure all new emerging or intial attack incidents have priority over existing incidents. If an item is not applicable for an incident, it carries a value of zero. Total maximum is 60.)

A. Life and Safety Threats(Public and Emergency Responders) (max total points is 15)
Events which increase complexity, resulting in high potential for serious injury and/or death.

A.1 Evacuations	**Rating**
In Progress	5
Precautionary	3-4
Potential (48-72 hrs.) or Completed	1-2

A.2 Road, Highway or Freeway Closures	
Major Highway or Freeway	4-5
State Routes or Improved Roadways	2-3
Potential for Closures 48-72 hrs.	1

A.3 Extreme Fire Behavior, Weather Event, Natural or Human Caused Disasters	
Occurring or Predicted/Forecasted to Continue (24 hrs.)	5
Predicted/Forecasted 24-72 hrs.	3-4
Occurring but Predicted/Forecasted to Diminish	1-2

B. Property Threatened and/or High Damage (Next 48 hours) (max total points is 15)
This category relates to potential for damage or actual impact to Communities or other high value investments that contribute to dwellings, commercial workplaces and critical infrastructure that supports human life, income or support to the general population.

Threats under this category should not be listed unless there is significant potential to impact these elements and an eminent threat is recognized within a 48-hour timeframe.

B.1 Structures (residential, commercial, vacation or other)	**Rating**
200+	4-5
25-200	3-4
<25	1-2

B.2 Community Loss (within 48 hours)	
Potential for >75% Community Loss	5
Potential for 50-75% Community Loss	4
Potential for 25-50% Community Loss	3
Potential for <25% Community Loss	1-2

B.3 Infrastructure – National, State, Local (Power Lines, Energy Corridors, Domestic Water Systems, Communications Grid, Railroads, etc.)	
Systems shutdown and/or damaged	5
Potential threat 24-48 hrs.	3-4
Potential threat 72+ hrs.	1-2

C. Resource Issues and Potential for Loss (max total points is 20)

Resource concerns can vary widely depending on place and type of resource considered. Each of the below items must be carefully considered in its relation to both local/regional or national significance and may have economic impact at local or regional levels. Resources that are not commercial should be considered in the Natural Resources category rather than in both Natural and Commercial Resources. Consider timeframes and proximity when rating.

	Rating
C.1 Historical and Significant Cultural Resources	1-5
C.2 Natural Resources (T&E Species Hab.,Watershed, Forest Health, Soils, Airshed, etc.)	1-5
C.3 Commercial Resources (Grazing, Timber, Agricultural Crops, etc.)	1-5
C.4 Potential for Economic Impact (Tourism i.e. fishing, hunting; loss of jobs, etc.)	1-5

D. Incident Complexity/Duration (max total points is 10)

Multiple incidents or complex of incidents versus a single incident have a way of making prioritization setting difficult. However, it is common enough that it needs to be included in the process. Attention needs to be given to travel distances, support to incident personnel and logistical challenges not always associated with a single incident.

Timely containment implies that if all critical resource needs from the 209 were met, then containment objectives would be met within the specified timeframes indicated. Containment at an early date is beneficial during high activity periods and would result in earlier resource reassignment opportunities to supplement Initial Attack or to assist other incidents.

D.1 Complex vs. Single Incident	**Rating**
5+ incidents or >25,000 acres	4-5
3-4 incidents or 5-25,000 acres	2-3
1-2 incidents or <5,000 acres	1

D.2 Potential for Timely Containment and/or Mitigation	Rating
<72 hrs.	5
3-7 days	4
8-14 days	3
15-21 days	2
Unknown or long term management	1

NOTE: Initial attack, new starts, and life threatening situations have overall priority, overriding the priorities listed above.

4. **Identify Critical Resource Needs for Each Incident** (MAC Form 429 – 1st block is for ICS 209 Critical needs, 2nd block is for projected needs or resource allocation.)

   AF= Aircraft, Fixed-Wing (air tankers, lead planes, air attack, IR, etc.)
   AR = Aircraft Rotor-Wing (Type 1, 2, or 3)
   HC = Handcrews by Type
   BD = Bulldozers
   WE = Wildland Engines (Type)
   SE = Structural Engines (Type)
   OH = Overhead
   OT = Other Resources (specify type and kind)

5. **Establish New Geographical Priorities** – Using Attached MACS Form 429
   Found in the California Statewide Multi-Agency Coordination System Guide, pg 31.
   http://www.caloes.ca.gov/PlanningPreparednessSite/Documents/10%20California%20Statewide%20Multi-Agency%20Coordination%20System(CSMACS)%20Guide%202-13-13.pdf#search=MACS%20429

6. **Decision Process:** Priorities will be set by a Consensus of MAC Group Members

7. **Notify NIFC or NMAC Group Coordinator Of Geographic Area Priorities when CALMAC is Not Activated**. Geographic MAC Coordinator.

Handling Hazardous Materials

Procedures for handling hazardous materials can be found in each Unit's Plan for Handling Hazardous Materials. Reference materials listed below are to assist in the appropriate handling of these materials.

- Transportation of Hazardous Materials - 49 CFR, Sections 106-180
- Department of Transportation Emergency Response Guidebook.
- Medical Waste Management Act, California Health and Safety Code Division 20, Chapter 6.1.
- International Air Transportation Association (IATA) 35th Edition.
- Material Safety Data Sheets (MSDS)

Dozer and Helicopter Use in Wilderness and Special Areas

Forest Service

Agency Administrators will prepare requests for use of dozers and helicopter within wilderness areas. Requests will be specific in terms of work to be considered (length and width of fire line,

and other factors), and consequences of not using the equipment. The request will go through the Agency Administrator, who will obtain permission or denial from the Regional Forester. The request will be in writing, via electronic mail, or by telephone if after hours (followed up in writing the next day).

Department of Interior Lands

BLM State Director approval is required for use of dozers on Bureau of Land Management Wilderness Areas and Wilderness Study Areas (WSA). In Areas of Critical Environmental Concern (ACEC) the local agency administrator can approve dozer use. On all other DOI Units the approval is given by the local Unit Agency Administrator.

Disaster Procedures

Federal Resource Response

With a federal declaration the federal agencies will provide assistance based on the Emergency Support Function (ESF) identified under the declaration (for additional information http://www.fema.gov/pdf/emergency/nrf/nrf-esf-intro.pdf).

Without a Presidential declaration of a major disaster, the ability of the federal agencies to react is lessened. Local Units must respond within their normal authorities and under local agreements. Authority to take action in disasters and emergencies when there is an imminent threat to life or property is the Disaster Relief Act of 1974 (PL 93-288). Where there is no agreement in effect, the Act of May 27, 1955 authorizes the Forest Service to take action for incident emergencies and the BLM Manual authorizes the BLM to take action where a life threat exists.

CAL FIRE Resource Response

CAL FIRE Units can respond to non-fire incidents based on Unit Chief discretion or may be mission tasked by the Governor's Office of Emergency Services. Reference CAL FIRE Handbook 8100, policy 8162.

Accident and Incident Reporting

Follow Agency Specific Policies.

Critical Incident Stress Management Procedures (CISM)

A Critical Incident is an incident so unusually stressful and powerful that it breaks through an individual's emotional defenses to cause an immediate or delayed emotional reaction that may be beyond a person's ability to cope. Examples of critical incident and when to call for support are:

- Line of Duty Death of a team or crew member.
- Suicide of a co-worker.
- Fire shelter deployment, loss of life following (or despite) unusual physical or emotional effort (rescue personnel, co-workers providing assistance, etc.).
- An accident with casualties/injuries or an incident with serious potential to have caused an accident.
- Incidents requiring the suppression of normal reactions.
- Events charged with profound emotion.

All local, state, and federal firefighting agencies endorse the use of CISM in California. The agencies offer CISM services to all personnel exposed to critical incident situations on the job.

To this end, regardless of which Unit has management and control, CISM should be offered to personnel following a critical incident situation. Critical Incident Stress Management interventions are most effective when applied 24-72 hours (sometimes longer) following a critical incident. It is important for personnel to operationally disengage and often reconnect with family or other support before participating in CISM services.

Requests for CISM support should be made by the Agency Administrator or designee (from the forest where the incident occurred) to the appropriate GACC (see specific agency for direction below). A general overview of the situation is required and the GACC will work with the CISM Coordinator to facilitate placing resource orders as needed via a roster in ROSS. CISM support group personnel are ordered as THSP.

The following information should be provided to assist the responding CISM group:

- Description (type) of incident.
- Number of employees in need of CISM services.
- Whether any family members or children are involved. (Note: Authority to provide service to FS and CAL FIRE family members is covered under the EAP -- which extends services to family members for the benefit of employees and the agency.)
- Date and time of incident.
- Desired day, time, and location for support services. However the CISM Coordinator will determine the most appropriate time and location based on the incident, resource availability and number of personnel involved.
- Name and phone number of Unit contact.
- Name, phone number, and location on site of main contact for on site coordination, once CISM specialist arrives.

Federal Incidents

The GACCs have established an Interagency Critical Incident Stress Peer Support Program with the federal agencies to provide assistance to personnel who have been involved in traumatic events. To order CISM Peer Support Groups contact the Duty Chief or AD through either GACC at: Northern Operations 530-226-2800 Southern Operations 951-276-6725.

The CISM Coordinator will work with the Agency Administrator or designee to coordinate the response. The CISM Coordinator and designated CISM group lead will coordinate with the Incident Commander or team designee if there is an Incident Command team assigned.

Region 5 does not host or mobilize “CISM Teams” but provides peer support.

Critical Incident Stress Management Callout procedures provide an organized approach to the management of stress responses for personnel having been exposed to a traumatic event in the line of duty. The establishment of these procedures does not prevent an employee from seeking individual consultation through the Employee Assistance Program.

Under no circumstances should CISM or any of its components be considered psychotherapy or a substitute for psychotherapy. Peer and Group Supporters are not licensed health care professionals and should not be utilized in lieu of a licensed clinician. A clinician is ordered at the time of the support group being organized and has skills specific to the incident being managed.

The costs for CISM services in fire operations are to be charged to the fire incident's management code. Non-fire incidents should be charged to the Unit.

Critical Incident Stress Management interventions are most effective when applied 24-72 hours (sometimes longer) following a critical incident. It is important for personnel to operationally disengage and often reconnect with family or other support before participating in CISM services.

CAL FIRE Incidents

CAL FIRE Units should be familiar with local procedures for CISM Team activation, reference CAL FIRE Handbook 1800, Policy 1861.

Chapter 20 – Overhead/Teams

Overhead

Units will maintain a list of qualified personnel for assignments and keep their qualifications current in ROSS and/or the agency's system of record. Units will maintain a hard copy of personnel qualifications, to serve as a backup to ROSS.

If a request is required to be self-sufficient it means the resource will be able to provide their own food, lodging and local transportation if needed.

Name Requests

Overhead can be name requested. Prior to placing the request, the ordering Unit will receive confirmation of availability, supervisor approval, Unit ID, and verify person is qualified or trainee in ROSS for requested position.

The CAL OES Name Request Justification form is required for all local government overhead name requests with the exception of IMT members. IMT members rostered in ROSS, on the initial fill of the team, do not require a Name Request Justification form. Team members responding after the initial team roster has been filled in ROSS require a Name Request Justification form.
This form should be used once a resource order has been returned "Unable To Fill" at both California GACC's.
This form may be used for hard to obtain or specialize resources identified as Critical Needs.
The form can be located at: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES%20-%20Name%20Request%20Form%20-%2020140901uax.pdf

Pre-suppression/suppression detail requests in ROSS must be accompanied by a Preparedness/Detail Request form. Form will be submitted to the GACC. Refer to the California Interagency Mobilization Guide, Appendix for the link to this form.

Specialized Overhead

All specialized overhead will be ordered through normal ordering process unless otherwise specified.

Air Resource Advisor – ARA -Federal
The need for an ARA will vary based on conditions with the incident, topography, weather, population, exposure risk, dispersion and area attainment designation. An incident smoke footprint can often span multiple air quality and public health jurisdictions as well as state boundaries. The ARA involvement will range from factors encompassing incident management to community, state, and tribal coordination with agency administrators.

All ARA order requests will be placed by the appropriate GACC. Requests will often be initiated by incidents, GACC's, Agency Administrators, or agency Air Quality Program staff. All orders will be coordinated as name requests with the Washington Office (WO) FAM Smoke Coordinator. Orders are authorized to commence upon concurrence of the requesting official. GACC Predictive Service Meteorologists may be asked to help facilitate the orders. Duty locations may vary from incidents to GACC's depending on complexity and occurrence of multiple events.

Air Quality Monitoring equipment can be ordered through agency air quality staff and will be coordinated, as necessary, with the California Air Resources Board Office of Emergency Services, Tribes and respective Air Quality Management Districts.

Ordered in ROSS as: THSPs with the special needs "Air Resource Advisor" then placed to the GACC.

Key contacts:

Pete Lahm - WO	plahm@fs.fed.us Pete.lahm@gmail.com	602-432-2614 (cell) 661-GET-1ARA
Brent Wachter - NOPS	bwachter@fs.fed.us	530-226-2730 (desk)
Rob Krohn - SOPS	rkohn@fs.fed.us	951-782-4849 (desk)
Trent Procter - Air Quality Program	tprocter@fs.fed.us	559-783-3308 (cell)

Archaeologists (ARCH) – All Agencies
Efforts should be made to incorporate archaeologists into the fire organization.
Federal - a list should be available at each Federal Unit of qualified archaeologists. Unit archaeologist should be pre identified.
CAL FIRE – all requests for archaeologists will placed to the appropriate GACC.

Blasters- Federal
Blasters are highly specialized positions that meet specific agency/incident objectives.

Ordering unit must specify type of blaster
Fireline Explosive Advisor (FLEA)
Fireline Explosive Blaster-in-Charge (FELB)
Fireline Explosive Crewmember (FELC)

A blaster may request a fire suppression crew to be present at the blast site because certain types of explosives can start fires. In order to determine which blasting materials are right for a job, the blaster will communicate with local staff to discuss the job details, site conditions, and desired results.

Certified blasters must have a "Hazard Trees" endoresement on their certification cards to fell danger trees with explosives. A commercial driver's license and vehicle with proper placards are required when transporting blasting materials. Blaster examiners in each region are responsible for training, coordination, and management of regional blasting programs.

Cost Share Specialist – All Agencies
Cost Share incidents (multi-jurisdictional, unified command) may require special skills to develop a cost share agreement. When determined by the incident and the incident management team, Cost Share Technical Specialists can be ordered. In most cases, the expectation is to have a Cost Share Specialist representative from each agency having jurisdiction on the incident.

Federal - Cost Share Specialist orders will be coordinated with the appropriate federal incident business coordinator (listed below) to ensure resource assignments are commensurate with the complexity of the incident.

Agency	Contact	Office	Cell
BLM	Ann Marie Carlson	916-978-4446	916-496-0518
BIA	Julie White	916-978-6146	916-215-5653
FS	Yolie Thomas	707-562-8835	707-980-3956
FWS	Veronika Klukas	503-231-6174	
NPS	Nina Dutton	415-623-2217	208-789-7170

Once a Cost Share Specialist is ordered, that individual shall identify and order the necessary Cost Share Analyst position(s). Both the Cost Share Specialist and Analyst can be ordered as a Name Request.
Cost Share Specialists will be ordered as THSPs in ROSS. In special needs include "Cost Share Specialist".

Cost Share Analysts will be ordered as THSPs in ROSS. In special needs include "Cost Share Analyst".
CAL FIRE - Cost Share Specialists will be ordered as Cost Apportionment Technical Specialists (CATS).

Hired Equipment Technical Specialist (EQTS) – CAL FIRE
Assists the incident with contract administration and ensure contract compliance through technical fire contract inspection.

Human Resource Specialist (HRSP) – Federal
Are utilized when 300 or more people are assigned to the incident, when a federal IMT is assigned, or when the Incident Commander or Agency Administrator determines it is necessary. HSRPs may be name requested.

Interagency Resource Representative (IARR) – Federal
IARR's are dispatched by the GACC to serve as the sending GACC's representative to oversee the care and treatment of crews, overhead, and equipment assigned to an incident out of region. They are the point of contact for all federal agencies resources, for the hosting geographic area, and other IARRs. Usually assigned when 5 or more crews are dispatched out.

Incident Contract Project Equipment Inspector (ICPI) – Federal
Assist the incident with contract administration and ensure contract compliance through technical fire contract inspection.
ICPI's can be ordered for incident or regional support needs by contacting Sue Zahn, R5 FAM Contract Operations Program Manager, 951 217-5146 or Fire Contract Operations/VIPR, Cheryl Raines –Lead ICPI Inspector- 760-920-1107.

Incident Meteorologist (IMET) – All Agencies
When an IMET is requested for an incident, the request will be created and placed to the appropriate GACC. The GACC will then request an IMET from the NWS National Fire Weather Operations Coordinator (NFWOC) at 1-877-323-IMET (4638). The NFWOC will advise the GACC of fill information. The GACC will advise the requesting Unit to edit the

request to a "Name Request" with the fill information. The IMET will be mobilized by the appropriate GACC.
NOTE: All requests for IMETs must note in Special Needs, "authorizing a rental vehicle and computer support".

The following list designates which California GACC will status and dispatch personnel for the California Weather Forecasting Offices. ROSS status can be maintained as Available/Local.

North Ops		South Ops	
CA-EKAW	Eureka WFO	CA-HNXW	Hanford WFO
CA-STOW	Sacramento WFO	CA-LOXW	Los Angeles/Oxnard WFO
CA-MTRW	San Francisco/Monterey WFO	CA-SGXW	San Diego WFO
HI-HFOW	Honolulu WFO		
AS-PPOW	Pago Pago/American Samoa WFO		

Interagency Incident Business Advisors (INBA) – Federal
IBAs provide oversight on administrative and financial activities and serve under the authority of the Agency Administrator, as per each agency's policy. Name requests are appropriate.
IBA orders will be coordinated with the appropriate federal incident business coordinator (listed below) to ensure resource assignments are commensurate with the complexity of the incident.

Agency	Contact	Office	Cell
BLM	Ann Marie Carlson	916-978-4446	916-496-0518
BIA	Julie White	916-978-6146	916-215-5653
FS	Yolie Thomas	707-562-8835	707-980-3956
FWS	Veronika Klukas	503-231-6174	
NPS	Nina Dutton	415-623-2217	208-789-7170

In some situations, IBA assignments are filled with an individual from the local Unit. Orders will be initiated by incident host Unit, not the Incident Management Team.

Infrared Interpreters (IRIN) – All Agencies
All national infrared flights require an Infrared Interpreter be ordered.
All requests for IRIN will be placed with the GACC. The GACC overhead desk will work with the California or National IR Coordinator to find a qualified IRIN. The GACC and the IR coordinator will determine who is going to be the IRIN and which incidents they will support; IRIN's can do multiple incidents.
For additional ordering information, refer to California Interagency Mobilization Guide, Chapter 50.

Short-Haul Boosters (SHLR) and (SHLS) - Federal
Booster orders will be placed on an overhead order as SHLR for Short-Hauler and SHLS for Short Haul Spotter and may be filled by individuals from multiple bases. Short-Haul bases shall coordinate with their local GACC and/or NICC on boost requests and status. At a minimum, orders shall be filled with (6) Short-Haulers and a manager to support needs documented on the aircraft order through ROSS. The Short-Haul spotter/manager will determine transportation needs for the additional short-haulers on the order. Aerial transport of boosters may be ordered by the requesting unit.

Smokejumper (SMKJ) – All Agencies
Refer to California Interagency Mobilization Guide, Chapter 30.

Training Specialist (TNSP) – All Agencies
The training specialist organizes and implements the incident's training program, by developing individual training plans and documenting individual trainee assignments.
All Agencies – A training specialist will be ordered, as part of an IMT activation. A TNSP may also be ordered on non-team incidents, at the discretion of the incident commander. Order through normal ordering process.

FS – Upon activation of a Type 1 or Type 2 IMT on a Forest Service incident, the GACC Training Officer, in concert with the host Forest, shall process a resource order requesting a minimum of 20 trainees. Forest Service will have first attempt to fill these requests.

Wildland Fire Safety Officer – Federal
When a federal agency activates an IMT, the GACC will notify the appropriate agency Wildland Fire Safety Officer. It is the responsibility of the Safety Officer to notify the affected Unit if there is an intended visit for the purpose of review or observation. Affected Units may initiate the request on their own. Each agency will set it's own guidelines for protocols regarding such visits. Unless otherwise stipulated or agreed to, such visits should be of an informal nature to help foster positive safety attitudes within the incident environment. Informal reviews and observational visits do not require a formal entrance or exit meeting with agency administrators. Written documentation will be required if further formal action or follow-up is needed by the IMT, affected Unit or a higher management level. The Safety Officer will discuss the visit with the IMT and with appropriate members of the Agency Administrator's staff prior to departing.

Overhead Specialized Program

Logistics Accerlerated Development – Federal
The Logistics Accelerated Development (LAD) program is a mentoring program designed to allow for the accelerated training and development of employees in the field of logistics.
The LAD Program Coordinator will maintain the roster of LAD trainees and their availability.

LAD Dispatching Procedures:
GACCs will notify the LAD Program Coordinator Sue Zahn, (w) 909-382-2786, or (c) 951-217-5146, when any Forest activates a Type I or II Incident Management Team.
The LAD Program Coordinator, in consultation with the incident Logistics Section Chief, will determine how many trainees may be utilized.
The LAD Program Coordinator will have the incident place "name request" orders for available LAD trainees.

Incident Management Teams (IMT)
All Incident Management Team Rosters and Rotations are located at the end of this chapter.

All Hazard Incident Management Teams – National Park Service
The National Park Service has All Hazard Incident Management Teams for national use. The purpose of the teams are to manage any incident except a wildland or prescribed fire.

These teams are ordered in ROSS as: Team, All Risk NPS.
The GACC will advise the Regional Contact listed below and then place the request to NICC.
Pacific West Region Contact: Regional Chief Ranger Scott Wanek, 540-999-3412 or cell 510-501-0459.

All-Hazard Incident Management Teams- Type 3 – CalOES

Purpose/Mission/Capability

The purpose of the Type 3 All-Hazard Incident Management Team (AHIMT3) is to provide organized teams of highly trained personnel to assit local, state, and federal agencies with complex incident management. AHIMT3s may be requested for an emergency incident, a planned event, or other mobilization requests.

Configuration

An AHIMT3 may deploy as a full team, a partial team, ("short" team) or as single resources.

California State Geographic Deployments (Full Team Configuration)	FEMA and EMAC Deployments
ICT3	ICT3
SOF3	SOF3
PIO3	PIO3
LOFR	LOFR
OSC3	OSC3
FSC3	STAM
LSC3	FSC3
SPUL	LSC3
FACL	COML/COMT
COML/COMT	PSC3
MEDL	RESL
PSC3	SITL
RESL	
SITL	
4 Trainees	

Note: An order for an AHIMT3 is for the personnel only and does not include any communications or office equipment or supplies (this should be supplied by the AHJ). If the AHIMT3 arrives and determines that they need additional or specialized personnel, equipment or supplies, those shall be ordered through the established ordering process.

California AHIMT3 Status:

The CalOES Fire and Rescue Division shall maintain an on-call roster of available AHIMT3 within California

Rotation:

- Within each OES Region the closes available AHIMT shall be assigned. OES shall maintain by Geographic Coordination Area a list of regionally available AHIMT3s within ONCC and OSCC similar to that used for the Federal Type 2 IMT's.
- Rotations of California AHIMT3s to national incident shall be managed similar to the California Type 1 National rotation system. An AHIMT3 without an assignemtn shall rotate to the top of the list until they are assigned. Once assigned, the AHIMT3 rotates to the bottom until the list is exhausted or other teams are unavailable.
- The CalOES Fire and Rescue Division Duty Chief, retains the authority to manage AHIMT3 rotation and mangement as necessary to achieve team experience objectives, ensure proficiency, manage fatigue, or for other reasons when assignments are out of local area.

AHIMT3 Mobilization/Ordering Process

- The mobilization for AHIMT3s outside of their local operating area and local agreements shall use the CalOES Fire and Rescue Division's resource ordering process.
- Teams shall use the following ROSS naming convention: Team – AHIMT – T3 – CA – IC name, team name, or team number.

Duration of Assignments

A deployment should last no longer than 14 days (excluding travel).

CAL FIRE Incident Management Teams – Type 1

CAL FIRE maintains 6 statewide Type 1 All Hazard Incident Management Teams to direct large-scale complex emergency incidents. CAL FIRE IMTs are available year round for statewide response, with one team on call at any given time.
CA IMTs are ordered through the GACC. These teams are ordered in ROSS as: Team, Type 1 Long

California Federal Interagency Incident Management Teams – Type 1 and 2 – Federal
The California Federal Interagency Incident Management Teams (IMT) are managed by the California Wildfire Coordinating Group (CWCG), which consists of a representative from each agency with wildfire suppression responsibility. CWCG is responsible for selecting team members, monitoring and evaluating team performance, and providing for team member development.

CWCG will select and manage four Type 1 IMTs, as components of a national rotation established and maintained by NICC, through the National Interagency Mobilization Guide.

California can activate all four CA IMTs before going to the National Rotation. The four Type 1 teams are available for assignments to other geographic areas that utilize the Incident Command System for managing wildfires.
CWCG will also select and manage seven Type 2 IMTs. Type 2 IMTs may also be available for out of state mobilization. During Preparedness Levels 4 or 5, out of state mobilizations may be restricted to ensure adequate coverage within the state.

CWCG sponsored Type 1 and 2 teams may have the following team composition listed below. The California Incident Commanders have the flexibility to substitute the standard positions suggested below with other positions according to the team needs, as long as they stay within the standard numbers.

Short Team Configuration (Total of 10 positions)*	Long Team Configuration (Total of 27 positions)
1 ICT1	1 ASGS, 1 ATGS
1 DPIC** or ICT1(trainee)	1 SPUL, 1 FACL, 1 GSUL, 1 COML
2 OSC1	1 SITL, 2 RESL, 1 FBAN
1 SOF1	4 DIVS
1 PIO1	1 TIME, 1 COMP, 1 PROC
1 PSC1	
1 LSC1	
1 FSC1	
1 AOBD	

*Long team includes the 10 positions from the Short team.
** DPIC not in ROSS

In addition to the 27 positions identified on the long team configuration, teams may have a maximum of seventeen (17) positions to be negotiated and concurred on by the Incident Commander and the Agency Administrator from the requesting Unit. They may bring an additional six (6) trainee positions and six (6) S-420/520 command and general staff mentees. These positions are identified by the teams and not by receiving Unit. Unless notified otherwise, these trainees will be mobilized for incidents on Federal lands.

The GACC's will annually compile a rotation schedule for the teams to be included in the California Interagency Mobilization Guide.

NICC will be advised by the GACC as soon as the current Type 1 two-hour team is committed, to enable them to place an out-of-region team in 24-hour rotation.
Teams will be mobilized through normal dispatch channels. GACCs will arrange transportation for local government team members who do not have an agreement with a forest and are not self-sufficient, and will advise/notify team member of the arrangements through their home Unit.

CA Federal IMTs are ordered through the GACC. These teams are ordered in ROSS as: Team, Type 1 Long; Team, Type 1 Short; Team, Type 2 Long; Team, Type 2 Short.

National Area Command Teams – All Agencies
Area Command (AC) is an organization established to ensure inter-incident coordination for Command, Planning, Logistical and Aircraft matters. AC will work closely with the Multi-Agency Coordination Group that establishes priorities for the GACC. AC will normally request their own support personnel to work within the Area Command organization.
There are four National Area Command Teams. AC Teams are comprised of 6 positions: Area Commander, Assistant Area Commander Planning, Assistant Area Commander Logistics, Area Command Aviation Coordinator and 2 trainees identified by the Area Commander.
All requests for National AC Teams will be placed through established ordering channels to NICC. AC is ordered in ROSS as: Team, Area Command.

CAL FIRE – The GACC may choose to order a National AC Team or assemble CAL FIRE personnel to form a California Area Command Team. AC is ordered in ROSS as: Team, Area Command.

National Incident Management Organization (NIMO) Team – Federal
Appropriate assignments for NIMO consideration include: Wildland fire, Long Duration Incidents or Mission Specific Assignments (regional and national special projects; require a completed Project Request Form on the NIMO Web site:
http://www.fs.usda.gov/main/nimo/projectrequests . For details and trigger points for ordering NIMO, reference the National Interagency Mobilization Guide, Chapter 20.
NIMO teams are ordered through the GACC.
Ordered in ROSS as: Team, NIMO.

Non-IMT Teams

Burned Area Emergency Response Teams (BAER) – Federal
BAER Teams are ordered to assist field units to plan for immediate post-wildland fire site stabilization. These teams address post incident needs, including: potential floods, mud and debris flows, watershed/municipal water supplies.
It is the responsibility of the local Unit to select the number of team members and the skills needed by those team members.

FS ordered in ROSS as individual overhead requests, as: BAES. In special needs, list type of skills needed and level of skill.

DOI maintains two (2) National BAER Teams to assist field units plan for immediate post wildland fire site stabilization. National BAER Teams are dispatched to only the most complex BAER incidents involving risks to human life and critical Federal assets. Potential floods, mud and debris flows, watershed/municipal water supplies, urban interface, and complex and multiple jurisdictions are the dispatch prioritization criteria issues factored into the mobilization decision.

Ordered in ROSS as individual overhead requests, as the approved agency-specific BAER mneumonic (as shown in IQCS/ROSS).

Buying Unit Teams – Federal
The Buying Unit will normally be assigned to and located on the Unit, and report to a designated administrative staff based on location. Buying Unit Teams supplement the local Unit procurement and dispatching organizations during emergencies.
Buying Unit Teams will be ordered through the GACC. If unable to fill regionally, the GACC will place order through NICC for National Buying Unit Team. These teams are ordered in ROSS as: Team, Buying.

Damage Inspection Team - Federal
Damage Inspection Team may be ordered by the incident through County CAL OES to assess structure damage and loss.

Damage Assessment Team – CAL FIRE
Order in ROSS as: individual overhead requests. Damage Inspection Technical Specialist (DINS) and Field Observer (FOBS) but can be scaled up or down to fit needs of the incident.

ECC Support Teams – CAL FIRE
ECC Support teams provide personnel qualified in ECC expanded functions for timely mobilization in support of Emergency Command Center operations. Reference CAL FIRE Handbook 7700, section 7758.
Dispatch procedure in CAL FIRE Handbook 8100, procedure 372.

There are a total of 10 teams statewide, with each Region fielding 5 teams. Normal configuration is Team Leader/EDSP, Deputy Team Leader/EDSP(t) or EDSD, 2 EDSDs, 2 EDRCs and 2 optional trainee positions.

Teams will be on immediate call (one-hour getaway) for one week rotations.
Order in ROSS as: Team, ECC Support CA Only.

Fire Behavior Assessment Team (FBAT) – Federal
The primary mission of FBAT is the collection of real-time fire behavior data during wildland fire incidents. Collected data can be used to validate the effectiveness of fuel treatments, evaluate fire effects, support safety zone guideline development, calibrate fire behavior and emissions modeling, or other monitoring goals as requested and as feasible.

FBAT generally consist of 4 to 12 fireline qualified personnel, led by overhead qualified at the Task Force Leader level or above. FBAT may request a Wildland Fire Module trained in FBAT methods or Missoula Fire Sciences Lab personnel to be ordered in conjunction with FBAT depending on the mission for that incident.

FBAT is most successful when ordered early on during an incident, as it transitions to extended attack. FBAT equipment and members are mainly located in California and can be mobilized by contacting the FBAT Team Leads below. One of the Team Leads will formulate a name request list for the incident to request individuals or modules based on availability of on-call members.

Carol Ewell 209-283-4563
Ali Reiner 530-559-4860

Ordered in ROSS as: individual overhead Technical Specialist (THSP) name requests. Include special needs of "FBAT team member".

For more information please visit:
http://www.fs.fed.us/adaptivemanagement/projects/FBAT/FBAT.shtml

Fuel Treatment Effectiveness Team – Federal
The primary mission of the fuel treatment effectiveness teams is to provide documentation of the effectiveness of fuel treatments on wildfire behavior or effects. This documentation is required by law to be provided within 90 days of control of the fire (FSM 5144). This team will gather GIS and observational information about the fire and complete fuel treatment effectiveness reporting including required entries in the Fuel Treatment Effectiveness Monitoring database (FTEM).

Team members are ordered in ROSS as THSP – name requests after contacting the Regional Fuels Staff, Robyn Woods 530-206-6918. Include special needs of "Fuel Treatment Effectiveness Team member". One or more team members may be ordered.

Interagency Dispatch Teams – Federal
Dispatch teams provide personnel, qualified in Dispatch Center expanded functions, for timely mobilization in support of wildland incidents. There are 4 federal dispatch teams in California. Normal configuration is 2 EDSPs, 2 EDSDs, 2 EDRCs and up to 2 trainees. Priority use of these teams is to support incidents in California.

Team rotation will be based on the Forest Service pay period schedule: bi-weekly, effective at 0001 on Sunday. There will be one team available during the two week period. The available team will mobilize within 2 hours of notification of the assignment.

The rotation schedule can be located at:
http://gacc.nifc.gov/oncc/logistics/overhead/index.htm
http://gacc.nifc.gov/oscc/logistics/index.htm

Order in ROSS as: individual overhead, normally 2 EDSPs, 2 EDSDs, 2 EDRCs (plus trainees). Case by case configuration. Check with the GACC for team availability and roster when ordering.

Medical Emergency Response Teams (MERT) – CAL FIRE
MERT is ordered when a significant commitment of California Department of Corrections and Rehabilitation (CDCR) inmate firefighters are assigned to an incident. A MERT is typically made up of three personnel consisting of a registered nurse and two medical technical assistants to provide medical assistance to inmate firefighters. The CDCR MERT personnel respond from the Susanville Training Center (LMU) and Sierra Training Center (TCU).

Order in ROSS as: MERT (California Only). Create and place a single overhead request for the team. If a higher level of medical care is needed document this in special needs.

Reference CAL FIRE Handbook 8100, procedure 388.

Retrograde Team – CAL FIRE
Upon the closure of an incident, excess items purchased through the emergency fund shall be retrograded (i.e. inventoried, documented, credited) to the incident and charged off to the appropriate account(s).

The incident will order a retrograde team 72 hours before the anticipated incident closure. The team will be requested to arrive at least 48 hours before the anticipated closure of the base.

A retrograde team will consist of a minimum of 3 personnel; a retrograde team leader, a representative from the host Unit (Fire Logistics Officer) and one representative from the incident (Logistics Section Chief).

Order in ROSS as: individual overhead requests. At least one request will be for a Retrograde Team Leader (RETG) and placed to the GACC. Additional requests may be made by the team leader for Retrograde Team Members (RETT).

Reference CAL FIRE Handbook 7500, section 7585.

Rapid Extraction Support Module (REMS)
Is a pre-staged rescue team assigned to provide firefighters safe egress off the fireline in the event of an injury/illness during firefighting operations
Unit/GACC:

Order in ROSS under Overhead, Groups, Module, Rapid Extraction Support (California Only). Under Special Needs add documentation

"Reference REMS identification in FIRESCOPE ICS – 223 – 12". Under Configuration Option choose Catalog Item with Configuration.
http://www.firescope.org/ics-sys-org-funct/ics-223-12.pdf

Situation Awareness and Collaboration Tool (SCOUT) – CAL FIRE
CAL FIRE, in association the California Governor's Office of Emergency Services and through a strategic partnership with the Department of Homeland Security's Science & Technology Directorate (DHS S&T) has acquired the Next-Generation Incident Command System (NICS)

software for use by California's emergency services professionals. The California deployment of the NICS software is called Situation Awareness and Collaboration Tool (SCOUT). SCOUT provides an information sharing environment to facilitate operational and tactical collaboration among California emergency responders and interagency situational awareness for local, tribal, state, and federal partners for small to extreme scale homeland security incidents, such as natural disasters, technological hazards, intentional attacks, and human-caused emergencies.

Order in ROSS as: individual overhead requests. Decision Support System Advisor (DSSA) and 2 Decision Support System Technical Specialists (DSTS) but can be scaled up or down to fit needs of the incident.

Wildland Fire Modules – Federal (FS and NPS)
The primary mission and priority for these modules is to provide skilled and mobile personnel to assist with prescribed fires in the areas of planning, fire behavior monitoring, ignition, and holding. Secondary priorities (in order) include support of prescribed burn unit preparation, assistance with fire effects plot work, and support of mechanical hazard fuel reduction projects. Some agency restrictions exist for fuels related work.

As a national interagency resource, the modules are available nationally throughout the fire season. Each module is comprised of a module leader, assistant leader, three to five module members, and a detailer during the primary burning season.
FS has Wildland Fire Modules on the Stanislaus NF, Klamath NF, Sequoia NF and Inyo NF.
NPS has Wildland Fire Modules on the Whiskeytown NRA.
These modules are ordered in ROSS as: Module, Wildland Fire.

California Incident Management Teams and Rotation Schedule

2019 California Type 1 Federal Interagency Incident Management Teams

	Team 1	Team 2	Team 4	Team 5
ICT1	McGowan, Jerry	Truett, John	Kurth, Jay	Young, Rick
DPIC	Kempter, Ken	Newburn, Ben	Opliger, Rocky	Joseph, Carlton

2019 CALIFORNIA TYPE 1 FEDERAL TEAM ROTATION

The rotation schedule begins at 00:01 Wednesday and ends 24:00 on Tuesday

DATE		2hr	8hr	24hr	DATE		2hr	8hr	24hr
12/26	**01/01/19**	**4**	**5**	**1**	08/14	08/20	5	1	2
01/02	01/08	5	1	2	08/21	08/27	1	2	4
01/09	01/15	1	2	4	08/28	09/03	2	4	5
01/16	01/22	2	4	5	09/04	09/10	4	5	1
01/23	01/29	4	5	1	09/11	09/17	5	1	2
01/30	02/05	5	1	2	09/18	09/24	1	2	4
02/06	02/12	1	2	4	09/25	10/01	2	4	5
02/13	02/19	2	4	5	10/02	10/08	4	5	1
02/20	02/26	4	5	1	10/09	10/15	5	1	2
02/27	03/05	5	1	2	10/16	10/22	1	2	4
03/06	03/12	1	2	4	10/23	10/29	2	4	5
03/13	03/19	2	4	5	10/30	11/05	4	5	1
03/20	03/26	4	5	1	11/06	11/12	5	1	2
03/27	04/02	5	1	2	11/13	11/19	1	2	4
04/03	04/09	1	2	4	11/20	11/26	2	4	5
04/10	04/16	2	4	5	11/27	12/03	4	5	1
04/17	04/23	4	5	1	12/04	12/10	5	1	2
04/24	04/30	5	1	2	12/11	12/17	1	2	4
05/01	05/07	1	2	4	12/18	12/24	2	4	5
05/08	05/14	2	4	5	12/25	12/31	4	5	1
05/15	05/21	4	5	1	**01/01/20**	**01/07/20**	**5**	**1**	**2**
05/22	05/28	5	1	2	01/08	01/14	1	2	4
05/29	06/04	1	2	4	01/15	01/21	2	4	5
06/05	06/11	2	4	5	01/22	01/28	4	5	1
06/12	06/18	4	5	1	01/29	02/04	5	1	2
06/19	06/25	5	1	2	02/05	02/11	1	2	4
06/26	07/02	1	2	4	02/12	02/18	2	4	5
07/03	07/09	2	4	5	02/19	02/25	4	5	1
07/10	07/16	4	5	1	02/26	03/03	5	1	2
07/17	07/23	5	1	2	03/04	03/10	1	2	4
07/24	07/30	1	2	4	03/11	03/17	2	4	5
07/31	08/06	2	4	5	03/18	03/24	4	5	1
08/07	08/13	4	5	1	03/25	03/31	5	1	2

Rotation for Type 2 IMT

- Accepted by CWCG Ops Committee after input from IMT IC's and Deputies.
- When a team "On-Call/2 Hour" is not available due to being assigned, or is unavailable, the next team on the rotation moves up to the "On-Call" position for the remainder of the current on-call period and all additional periods until their own on-call period has expired, unless the on call team becomes available and is put back in their normal scheduled rotation.
- When a team has had an assignment, they maintain their place in the rotation. Unlike the national rotation, teams will no longer have to wait for all other teams to get an assignment. (Referred to by the Type 2 ICs as "luck of the draw").
- GACC Intel will update "News and Notes" as soon as possible and keep rotation information consistent on both GACC websites.
- The rotation begins at 0001 on Wednesday and ends at 2400 on Tuesday.
- Once either California GACC has fully exhausted their Type 2 Team capability, they will place an order to the other California GACC who will utilize the regional rotation to fill the order.
- The specific team filling that slot is the team up on the local GACC rotation for that time period.
- For normal Southern California Type 2 IMT fills:
    - Central is primary for LPF, SNF, SQF, STF, and Interior Units dispatched from same ECCs.
    - Southern California is primary for ANF, BDF, CNF, INF, and Interior Units dispatched from same ECCs.
- Both GACCs will have final decision on management of all IMT assignments and deviation from the rotation based on commitments, PL levels, specific NICC requests, and unit commitments of Chief Officers or other unforeseen factors.

California Type 2 Federal Interagency Incident Management Teams

	Team 10	Team 11	Team 12	Team 13	Team 14	Team 15
ICT2	**Dalrymple, Daren**	**Fogle, Chris**	**Johnny, Nickie**	**Wakoski, Michael**	**Strawhun, Michael**	**Gamboa, Jaime**
DPIC	**Petterson, Eric**	**Walker, Norm**	**Nobles, Michael**	**Forster, John**	**Griffin, Steve**	

2019 CALIFORNIA TYPE 2 FEDERAL TEAM ROTATION

The rotation schedule begins at 00:01 Wednesday and ends 24:00 on Tuesday

DATE		2hr	8hr	24hr	DATE		2hr	8hr	24hr
05/15/2019	**05/21/2019**	10	11	12	**01/01/2020**	**01/07/2020**	**13**	**14**	**15**
05/22	05/28	11	12	13	01/08	01/14	14	15	10
05/29	06/04	12	13	14	01/15	01/21	15	10	11
06/05	06/11	13	14	15	01/22	01/28	10	11	12
06/12	06/18	14	15	10	01/29	02/04	11	12	13
06/19	06/25	15	10	11	02/05	02/11	12	13	14
06/26	07/02	10	11	12	02/12	02/18	13	14	15
07/03	07/09	11	12	13	02/19	02/25	14	15	10
07/10	07/16	12	13	14	02/26	03/03	15	10	11
07/17	07/23	13	14	15	03/04	03/10	10	11	12
07/24	07/30	14	15	10	03/11	03/17	11	12	13
07/31	08/06	15	10	11	03/18	03/24	12	13	14
08/07	08/13	10	11	12	03/25	03/31	13	14	15
08/14	08/20	11	12	13	04/01	04/07	14	15	10
08/21	08/27	12	13	14	04/08	04/14	15	10	11
08/28	09/03	13	14	15	04/15	04/21	10	11	12
09/04	09/10	14	15	10	04/22	04/28	11	12	13
09/11	09/17	15	10	11	04/29	05/05	12	13	14
09/18	09/24	10	11	12	05/06	05/12	13	14	15
09/25	10/01	11	12	13	05/13	05/19	14	15	10
10/02	10/08	12	13	14	05/20	05/26	15	10	11
10/09	10/15	13	14	15	05/27	06/02	10	11	12
10/16	10/22	14	15	10	06/03	06/09	11	12	13
10/23	10/29	15	10	11	06/10	06/16	12	13	14
10/30	11/05	10	11	12	06/17	06/23	13	14	15
11/06	11/12	11	12	13	06/24	06/30	14	15	10
11/13	11/19	12	13	14	07/01	07/07	15	10	11
11/20	11/26	13	14	15	07/08	07/14	10	11	12
11/27	12/03	14	15	10	07/15	07/21	11	12	13
12/04	12/10	15	10	11	07/22	07/28	12	13	14
12/11	12/17	10	11	12	07/29	08/04	13	14	15
12/18	12/24	11	12	13	08/05	08/11	14	15	10
12/25	12/31	12	13	14	08/12	08/18	15	10	11

2019 CAL FIRE Incident Management Teams

Teams	1	2	3	4	5	6
Incident Commander	Van Loben Seles (S)	Kavanaugh (N)	See (S)	Russell (N)	Parkes (N)	J. Veik (S)
Deputy IC	Bertelli (N)	Schuler (N)	Truax (N)	Moore (S)	Messina (N)	Vacant

2019 CAL FIRE Incident Management Team Schedule

MONTH	WEEK OF	TEAM					
		1	2	3	4	5	6
JANUARY	1		X				
	8			X			
	15				X		
	22					X	
	29						X
FEBRUARY	5	X					
	12		X				
	19			X			
	26				X		
MARCH	5					X	
	12						X
	19	X					
	26		X				
APRIL	2			X			
	9				X		
	16					X	
	23						X
	30	X					
MAY	7		X				
	14			X			
	21				X		
	28					X	
JUNE	4						X
	11	X					
	18		X				
	25			X			
JULY	2				X		
	9					X	
	16						X
	23	X					
	30		X				

MONTH	WEEK OF	Team					
		1	2	3	4	5	6
AUGUST	6			X			
	13				X		
	20					X	
	27						X
SEPTEMBER	3	X					
	10		X				
	17			X			
	24				X		
OCTOBER	1					X	
	8						X
	15	X					
	22		X				
	29			X			
NOVEMBER	5				X		
	12					X	
	19						X
	26	X					
DECEMBER	3		X				
	10			X			
	17				X		
	24					X	
	31						X

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Chapter 30 -CREWS

California Conservation Corps (CCC)

CCC Support and Type 2 crews are available for assignments nationwide. Support crews can be utilized for a wide variety of incident support activities not requiring direct supervision such as traffic control, runners, equipment set-up, waste management, etc.

CCC Type 2 crews are fully equipped and the crew supervisors are federally qualified Crew Bosses.
CCC Type 2 crews will be available through their local Unit or through the CCC Duty Officer.
CCC has a centralized dispatch system for crews. All calls for crew assistance go directly to the CCC Duty Officer. The CCC Duty Officer will secure the closest available crew(s) for the assignment.

CCC Type 1 crews are CAL FIRE Type 1 crews and should be ordered as CAL FIRE Type 1 crews (Page 55, CAL FIRE/Type 1). If there is a need to specifically order A CAL FIRE Type 1 crew with CCC crew personnel, document in special needs

Unit and/or GACC:
Contact CCC Duty Officer 24 hour contact number at **916-599-1415** leave a message.
If no answer within 2 hours, call CCC Emergency Manager at 916-341-3103 or 916-759-5804 (cell).
If no answer within 2 hours, call CCC Operations Chief at 916-341-3135 or 916-531-4259 (cell).

For CCC Support crews, order in ROSS as: Crew, Camp
For CCC Type 2 crews, order in ROSS as: Crew, Type 2

When two or more CCC crews are ordered, the CCC may request an Agency Representative to assist the crews while on assignment. CCC crews can be ordered 24 hours per day but do not respond to incidents between 2200-0600 hours due to safety, driving and union concerns.

Once fill information is provided by CCC Duty Officer, Host Unit or GACC will fill the crew and overhead request using Contract Agreement Tab in ROSS. If there is a new assignment for a CCC support or type 2 crew, they should be released from the first assignment, and then filled by the new requesting unit/forest under the Contract Agreement Tab in ROSS.

CAL FIRE

Type 1

CAL FIRE fire crews are comprised of adult inmates, youth wards or California Conservation Corps members. CAL FIRE fire crews are not breakdown capable. These firefighters require custodial supervision during off shift periods, and are limited to incidents within the confines of California. Reciprocal agreements have been made with the State of Nevada, allowing these crews to respond to wildland fires threatening the State of California up to 25 air miles within the Nevada border. They are trained for wildland firefighting and, in some cases, for Urban Search and Rescue missions.

CAL FIRE may require that all CAL FIRE crews be ordered in Strike Team configuration when responding to incidents outside their home Unit.

The CAL FIRE crew will consist of 12-17 crew firefighters and one (1) Fire Captain. With adult inmate CAL FIRE crews, California Department of Corrections & Rehabilitation (CDCR) custodial personnel will accompany the crews to provide off shift supervision. For youth ward CAL FIRE crews, California Department of Juvenile Justice (DJJ) counselors will accompany the crews to provide off shift supervision. Custodial coverage will be arranged and dispatched by the sending CAL FIRE Camp. Technical Specialists Crews (THSC) will be ordered when the number of crews assigned to an incident reaches seven (7), and the fire is expected to actively burn into the next burning period. This number will remain flexible to meet special needs; such as duration of incident, complexity of incident or custodial problems.

For logistical considerations CAL FIRE utilizes male, female, and youth inmate crews and must be housed separate. The female crews are from Puerta La Cruz and Rainbow camps. The youth crew is from Pine Grove camp. In addition there also Los Angeles County male and female inmate crews that fall under the CDCR that are used statewide.
CAL FIRE crews are ordered in ROSS as: Crew, Type 1
If a CDCR Agency Representative has not been ordered, once the crews and custodial personnel are on the incident the senior custodial officer will request an order/request number for a CDCR Agency Representative through the Incident Commander. The senior custodial officer will notify his/her agency of the requirement for a CDCR Agency Representative and will take the responsibility for making direct contact with the individual to fill the order/request. CDCR Agency Represenative will be filled with agreement in ROSS by the host Unit. Reference CAL FIRE Handbook 8100, procedure 384

Federal

Annually, each Unit will provide their respective GACC a list of the crews administered by their Unit. All crews will consist of 20 members. When crews are mobilized to an incident, the minimum crew strength will be 18 members. When any combination of crews numbering four or more are committed to an incident out of State, an Interagency Resource Representative (IARR) may be assigned by the GACC.

NWCG Minimum Crew Standards for National Mobilization, reference the National Interagency Mobilization Guide, Chapter 30.

Type 1 Hotshot

Hotshot Crews and Smokejumper Crews meet the minimum National Type 1 Crew standards. Crew listing is available at http://www.fs.fed.us/fire/people/hotshots/IHC_index.html.

The GACC will coordinate all movement of these Crews. Units may commit their Type I Federal Crews to initial attack incidents in the Unit. Response to cooperator's requests for Assistance by Hire in the immediate vicinity of the Mutual Threat area can be initiated by the Units. Both above actions will be followed by immediate notification to the GACC of resource commitment.

When Type 1 federal crews are flown to an incident, it is prudent to follow up with their crew vehicles, when the home Unit or GACC can provide drivers. Sending GACC's have the responsibility to arrange for the mobilization and coordination of their transportation. Efforts will be coordinated with the home Unit and local GACC, as ordered overhead that are enroute to the same incident could benefit from the transportation. The home Unit will arrange for transportation to the incident for crew members not initially mobilized. This practice is not intended for crew or module members other than Type 1 Crews.
Ordered in ROSS as: Crew, Type 1

Smokejumpers

A 40 person Smokejumper crew is based at the Northern California Service Center in Redding. Smokejumpers can be utilized as a Type 1 Crew. Approximately 30% of the crew is Crew Boss rated and most Smokejumper supervisors hold Division Supervisor ratings. At least 50% of the Smokejumpers are qualified Class C Timber Fallers and the entire crew is trained in the use of cross-cut saws. Approximately 90% of smokejumpers are certified as EMR, EMT, or above, with some receiving additional training on the use and administration of epinephrine and IV fluids, for use on Forest Service and fireline personel.

To order as a Type 1 Crew, in ROSS, order as: Crew, Type 1

Type 2 Initial Attack Capable

Type 2 IA Crews can initial attack fires, be broken up into squads, and perform firing operations.

Ordered in ROSS as: Crew, Type 2 IA

Type 2 Regular

Regular Crews that do not meet the criteria of a Type 1 Crew as outlined in the ICS 420-1 Resource Designation List. Regular Crews are formed as needed. They are comprised of Unit employees normally assigned to various disciplines on the Unit. Regular Crews are Unit resources and are considered part of the national mobility concept. GACC's will coordinate movement of these crews.
Ordered in ROSS as: Crew, Type 2

Type 2 Organization

Organized Crews (OC) are emergency firefighting employees. Crew members must meet the same training and physical standards established for other Unit crews. Organized Crews are sponsored or contracted by various Units. Sponsoring Units are responsible for training, outfitting, mobilizing, and paying the crews. Organized Crews are Unit resources but are considered part of the national mobility concept. GACC’s will coordinate movement of the crews.

Each handcrew will have the standard configuration for supervision as Regular Crews. This consists of a Unit Crew Supervisor and three Squad Bosses. These supervisory positions may be filled with agency personnel or Administratively Hired (AD) personnel who meet all the NWCG 310-1 and Forest Service standards for each position.

A Crew Representative may be assigned if the Crew Supervisor does not meet Crew Representative standards specified in Chapter 20 of FSH 5109.17 Wildland Fire Qualifications Guide. If an AD Crew Supervisor is used, a Crew Representative will be dispatched with the Organized Crew. A single Crew Representative may be assigned to one or more Organized Crews. The total makeup of the crew will meet National Standards of 20 people per crew.

Ordered in ROSS as: Crew, Type 2

Organized Camp Crews

North GACC			South GACC	
SRF	1	10-12 person Camp Crews	SQF	2-10 person Camp Crews

Order in ROSS as: Crew, Camp

Chapter 40 – Supplies and Equipment

National Interagency Incident Support Caches

California operates two National Interagency Incident Support Caches as part of the National Fire Equipment System (NFES). The Northern California Interagency Support Cache (NCK) is located in Redding, CA; and the Southern California Interagency Support Cache (LSK) in Ontario, CA. These caches serve the supply needs of incidents in the Geographical Area Coordination Centers, including supplies required for project activities when not in conflict with incident activity.
Both caches stock National and Regional "NFES" items.

The caches stock three types of goods; Consumable, Durable and Property. All three of these types of goods are considered accountable.

- Consumable items are intended to be consumed at an incident, with life expectancy not to exceed one incident, if used (example: batteries).
- Durable items have a life expectancy of more than one incident, or use (examples: sleeping bags, fire hose).
- Property items are items with a purchase price greater than $5,000 or sensitive items valued less than $5,000. Property items are expected to be returned to the cache without exception. If a Property Numbered item is not returned, the cache will forward a Transfer of Property form to the Unit where the incident is located, and procure for replacement of the unreturned item (examples: Regional RAWS, pumps).

Limited Resource items are those items which have a fixed inventory in the national system. When ordering Limited Resource items, it is mandatory that all Units go through a GACC to place the request. The GACC maintains records to monitor available quantities, providing management of these items as National Resources.

Kits have been established to provide a collection of related articles, pre-assembled to accomplish specific functions. There are over 40 national kits, with an additional six specific to California. National kits have a standard configuration throughout all of the caches in the nation. Contents of all kits may be found in the NWCG National Fire Equipment System Catalog.
All supplies or equipment furnished to incidents will be considered "on loan" and should be returned as soon as practical with the exception of consumable items.

Ordering

Interagency Cache Business System (ICBS) and Resource Ordering and Status System (ROSS) are now interfacing. This interface allows ROSS users to enter Supply (S) number requests to be sent to the cache direct for processing and filling. The cache, via ICBS is allowed to input S numbers for supply orders that go directly to the cache without the request being created in ROSS. These S numbers must be assigned by the incident and be between 100000 – 199999. This interface also allows ROSS users to see fill information for all S numbers that the cache has filled, no matter which way the requests were initiated.

Except for Limited Resource items, each Fire Cache will accept and process incident resource orders directly from Units within their area of influence once the incident is created in ROSS.

Cache orders from any Unit will require incident request numbers assigned by the ordering Unit, one per line item.

Once an incident is established, contact the local cache to establish an ordering schedule.

The NFES Numbers and the established "unit of issue" associated with each NFES item are mandatory parts of any order placed with the caches. When placing orders through the cache, it is always necessary to provide the NFES number, corresponding "unit of issue", quantity requested, and a written description of the item.

For NFES numbers, descriptions, and "unit of issue" reference the National Fire Equipment System Catalog - Parts 1 and 2 PMS 449 NFES 0362 at:
http://www.nwcg.gov/catalogs-ordering-quicklinks

Abnormal Quantities
Any order exceeding 25% of the established cache stocking level for an item is subject to verification by the Assistant Director, GACC Center Manager, Incident Commander, or the Logistics Chief.

Mobile Cache Vans
Mobile cache vans provide the preliminary supply essentials to establish an incident base. For this reason it is expected that one mobile cache should suffice per incident. Each mobile cache contains supplies to support 150 people working and 150 people sleeping housed in a semi-trailer. All mobile caches are sealed, and are intended to be utilized as a complete unit. Component items may be ordered separately. For any mobile caches ordered provide, federal financial code, Incident Logistics contact name and phone number and delivery location in ROSS. Once the mobile cache is delivered the receiving Incident is responsible for the cost and accountability of the cache items.

Many mobile cache vans are pre-positioned on host Units. If your unit/forest does not host a cache van, your order is to be placed directly to the respective Cache. The cache in turn will start the nearest Cache van to the location. If your Unit does host a mobile cache van, it may be utilized at the discretion of the Unit Fire Management Officer. The use of a local mobile cache van must be documented with an S number on an incident resource order and the request placed to the respective GACC. The GACC will then place the request with the cache. It is the responsibility of the host Unit to provide transportation of the van. (Per NOPS cache, S# will be created in ROSS and placed directly to the Cache and they will fill.)

CAL FIRE has developed a CAL FIRE specific mobile cache to better meet the needs of CAL FIRE incidents. These contain supplies to support 150 people working and 150 people sleeping. These are available from the cache. See Catalog Inventory for NFES 8744 under Equipment and Supplies

Mobile cache vans are to be returned to their respective cache after use.

Federal Mobile caches are ordered in ROSS as Supplies, Kit – Mobile Cache Support Van NFES 008646 (NCK) and NFES 008640 (LSK).

CAL FIRE Mobile caches are ordered in ROSS as Supplies, Kit – Mobile Cache Support Van NFES 008744 (NCK).

Federal Mobile caches are pre-positioned at each Geographic Area Cache and the following locations**:**

Northern CA		**Southern CA**	
SRF	Salyer	SNF	North Fork
LNF	Susanville	SQF	Porterville
PNF	Quincy	SQF	Kernville
LNU	Konocti	LPF	King City
ENF	Placerville	LPF	Los Prietos
KNF	Yreka (2)	INF	Bishop
MDF	Alturas	CNF	Goose Valley
		STF	Sonora

CAL FIRE mobile caches are pre-positioned in Redding (NCK) and Ontario (LSK).

Demobilization

All supplies being demobilized from an incident are to be documented on an OF-285 Interagency Incident Waybill, NFES 1472; one per shipment. Any supplies being retained on an incident during the demobilization process are to be documented on a waybill, and forwarded to the cache as well.

To help facilitate the return process, used (Not Ready for Issue) and unused (Ready for Issue), supplies being demobilized back to the cache should be divided, packaged, and packed separately. The caches will only accept rolled hose.

Sensitive or Property Numbered items requiring reconditioning prior to reissue from a cache should be returned as soon as no longer required. Seal numbers securing the shipping containers for these items are to be documented on Incident Waybills. Seals are mandatory when transporting Sensitive items to or from the caches, i.e. radios and computer equipment.

An AD-112 will be prepared for any property items that are lost, stolen or found to be unserviceable. Each cache requires immediate notification when Property Numbered items are involved.

Contact the cache with intended demobilization plans.

Both California Caches will close an incident 45 days following a control status, and charge unreturned supplies and equipment to the ordering Unit. Replacement orders received after the closing process will **not** be filled. Upon incident closure, a Loss/Use Tolerance Report will be generated for all Type 1 and 2 incidents supported by the Geographic Area Caches. This is a comprehensive report, displaying totals of Loss/Use rates for all Consumable and Durable items issued from the caches. Total percentages above or below the nationally accepted standard are also displayed. This report is forwarded to the agency administrator hosting the incident.

The following percentages have been assigned nationally as potentially acceptable rates of loss for Durable items:

Water handling (valves, nozzles)	10%
Helicopter accessories (cargo nets, lead lines)	10%
Camp items (tents, heaters, tables)	10%
Tools (shovels, pulaskis)	20%
Hose	20%

Backpack pumps	20%
Sleeping equipment (sleeping bags, cots)	20%
Clothing (jeans, shirts, coveralls)	30%

Replacement Orders

Whenever possible, replacement orders are to be filled from stock on hand in Supply at the incident. If replacement orders are unable to be filled at the incident, their home Unit should place the order to the GACC cache. Incident Replacement Requisition, OF-315, (NFES 1300) shall be used when placing replacement orders to the cache.

Incident Replacement Requisitions from Type 1 or Type 2 incidents must be authorized by the Supply Unit Leader or other appropriate position. If received at the cache unauthorized, the requisition will be mailed to the appropriate FMO according to the incident location, for signature.

Incident Replacement Requisitions from Type 1 or Type 2 incidents can be sent to the cache, the S numbers must be assigned by incident and be between 100000 – 199999. S numbers will be input in ICBS and sent to ROSS via the interface. Incident Replacement Requisitions from individual resources will be created by the incident/expanded dispatch in ROSS and sent to the cache via the ICBS ROSS interface. Replacement Requisitions require incident request numbers be included, as a continuation of the incident documentation process.

Fire Management Officers shall forward to their respective cache, by April each year, a list of those persons authorized to approve replacement orders on their Unit. The authorized designees may then approve requisitions for incidents located on their Unit.

Recycling

The recycling of plastics, cardboard, etc., is highly recommended, and is the responsibility of an incident to process. The North Zone Fire Cache now accepts a number of items through a new recyling program. Please contact the cache for additional details.

- Cardboard
- Batteries
- Heavy Plastics
- Fire Shelters
- Nomex Jeans and Shirts
- Sleeping Bags
- Fire Hose
- Sleeping Pads
- Ice Chests
- Cargo Nets
- Tent Flys
- Plastic Shrink Wrap/ Plastic Strapping

*Some additional items are accepted upon request; contact the cache for more details.

Recylables can be palletized and sent bac to the cache. In addition, battery barrels and collapsible collection bins are distributed on cache vans and can be requested through the main office of the fire cache when placing an order. When barrels, bins or pallets are full, attach a copy of the salvage log to the waybill and ship back to the fire cache. When pick up is requested a new barrel or bin will be brought for replacement.

Hazardous Materials – Ordering and Shipping

Hazardous materials are identified by definition in the Department of Transportation (DOT) Emergency Response Guidebook. Hazardous materials are: Any substance or material, which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety or property when transported in commerce, and which has been so designated. The definition includes hazardous substances, hazardous waste, marine pollutants and elevated temperature materials as defined in 49 CFR, part 106 to 180.

If storing an identified hazardous material, refer to the DOT Emergency Response Guidebook. The guidebook lists all hazardous materials, and in the event of an accident explains precautions and actions to take.

If intending to ship the material by highway, the material and its quantity will determine how the item is to be packaged, documented and shipped.

*** The following directions apply to all hazardous material shipping documents:**

- All information must be printed (mechanically or manually) in English.
- Shipping documents must contain the shipper's name and address, as well as the destination name and address.
- "Hazardous materials" must be entered as the first line item on a shipping document, or be printed in a different color.
- Hazardous materials must be listed by their proper shipping name, hazard class, ID number and packaging group. No abbreviations.
- All hazardous material packages must be properly marked, labeled, and packaged. The total weight must be included.
- The following shipper's certification must be entered on each shipping document: "This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT."
- A 24 hour emergency response telephone number, with someone available while the commodity is in transit.
- Emergency response information listed in the DOT Emergency Response Guidebook is also to be included.
- For questions regarding National Fire Equipment System (NFES) stocked hazardous materials, reference the Interagency Transportation Guide for Gasoline, Mixed Gas, Drip-torch Fuel and Diesel, 06/09 PMS 442 (http://www.nwcg.gov/pms/pubs/pubs.htm) or the current "Hazardous Materials Haulback Guide".

Hazardous Waste

Regulations for hazardous waste are directed by the State. The State in turn charges the counties with enforcing their regulations. Therefore, determining the disposition of hazardous waste depends greatly upon the jurisdiction you are in. In all States, the regulations which govern the generation, containment, storage, transportation and documentation of bio-hazardous waste are very specific and well enforced.

Use of red bio-hazardous waste bags are specifically regulated. When used, contents are to be documented ***immediately*** by the user, as the bag may not be re-opened under any circumstances. The bag may not be taken to a landfill until it has been properly treated. Caches do not have a method of disposal for bio-hazardous (medical waste) bags.

Under NO circumstances, will any California Cache accept used bio-hazard bags.

Communications

National Fire Radio Caches (NFRC)

A description of the equipment available from NIFC's, National Interagency Incident Communication Department (NIICD) is located in the ICS Communications User Guide. Dispatch of NIICD systems will be through the GACC.

Ordered in ROSS as Supplies, with the appropriate NFES number, using the following procedure:

1. Ensure that the request has accurate Latitude/Longitude information.
2. In the Shipping Information block of the request, select Shipping Address from the drop down or enter Shipping Instructions.
3. In the Shipping Contact block of the request, identify the Shipping Contact and a phone number.
4. In the Incident Ordering Contact block of the request, identify the Communications Leader, specifying "on order" if not yet determined.
5. In the Special Needs block of the request, include the full "Bill to" information.
6. Specify if freight shipping is OK, or if a charter aircraft is required to meet the needed date and time.

As kits are released from the incident, they are to be returned to NIICD at NIFC for refurbishment even if the seal is not broken. The receiving unit will check with the GACC before returning any NFRC system back to NIFC.

NFES 4670 – Satellite Phone Kit

The Satellite Phone Kit is a Motorola mobile phone that connects audio calls via a Low Earth Orbiting (LEO) satelittle network when local cellular service is unavailable or has restricted coverage.

NIICD has a limited supply of Motorola Satellite Phones that operate on the Iridium network. These portable handsets run on rechargeable batteries and AC/DC chargers are included.

Order in ROSS as: Supply, Kit, Satellite Phone, Motorola

NFES 4390 – ICS Command Starter System

The standard starter system contains sufficient equipment for Command and Logistical communications needs for a three division incident. The entire starter system will be packaged and shipped as a standard unit. California may preposition 4390 starter systems at the Cache. These systems are only pre-positioned and remain under the control of NIICD.

Requests for individual or additional kits (boxes) will be honored. They must be ordered by their individual NFES stock numbers.

The starter system will have Air Guard located in the last channel. This frequency is **not** authorized for use by the incident for communications.

Order in ROSS and palce to the appropriate GACC as: Supply, NFES Supplies, Kit – Starter

System ICS Command/Logistics Radio System

NFES 4381 – HT Radio Kit

NFES 4381 kits are available from the National Interagency Radio Caches. Each kit contains 16 hand held radios configured with all USDA-FS and DOI tactical, command and national air frequencies. The *radio manufacturer* requested needs to be confirmed by the Communications Unit Leader and specified in the order in "Special Needs".

CAL FIRE HT Radio Cache

CAL FIRE has 40 HT Radio Caches. There are 20 located at CNR, 20 located at CSR (10 at CSR and 10 at FKU). Each kit contains 10 BK GPH Commander Portable Radios with antenna, clamshell, leather case and T-card. Batteries are included for all 10 radios. Each radio is programmed to current CAL FIRE statewide "Group 3" on Groups 16-25. Upon release from the incident they are to be returned to their repsecive Unit or GACC.

Order in ROSS and place to the appropriate GACC as: Supply, Non-NFES; Cache, HT Radio
The following information must be included in the ROSS request:
Special Needs:

- Bill to information
- Ship to information – include contact person with phone number
- Communications Unit Leader's name and phone number

A Federal Financial code (P Code) is needed in the financial code box.

CAL FIRE Portable Repeaters

CAL FIRE has portable command repeater kits available throughout the state. Each Unit and Mobile Communications Center (MCC) has a portable repeater available for use within their Unit. CAL FIRE Telecom has additional repeaters that can be ordered through the Sacramento Command Center. To ensure that appropriate equipment is filled, provide the ordering contact information in the request. Upon release from the incident they are to be returned to their respective Unit.

For additional information contact CAL FIRE Telecom (916) 327-8652.

Order in ROSS as: Supply, Non-NFES; Kit, Command Repeater

Frequencies
Responders need to verify incident frequencies and tones to use when responding to or assigned to an incident. All requests for additional frequencies shall be ordered in ROSS using A numbers.

Activation of National Fire Radio Frequencies will be controlled and coordinated by the GACC due to the complexity of Incident radio usage.

For California Tones refer to the California Interagency Mobilization Guide Appendix.
Reference the California Interagency Mobilization Guide Chapter 50 for additional information on aviation frequencies.

CAL FIRE
All new frequency requests shall be placed in ROSS with a follow-up phone call with your respective GACC. For technical assistance you may contact the CAL FIRE Statewide Frequency Coordinator at 916-327-8652. There will be no change in frequencies without coordinating with the GACC

Mobile Communications Units – All Agencies
Statewide there are mobile communication units available through CAL FIRE, CAL OES, and CA BLM. To check for availability, contact the GACC.
Order in ROSS as an Equipment request.
CAL FIRE order as: Telecommunications (CDF Only) Communications Unit, Mobile, Type 1.
CA BLM and CAL OES order as: Trailer – Communications

Remote Automated Weather Station (RAWS)

Federal
When a Unit requires additional RAWS units they should be ordered using the normal dispatch procedures. They are ordered on a Supply Request and have NFES numbers. Upon release from the incident they are to be returned to NIFC. Contact the NIFC Remote Sensing/Fire Weather Support Unit RAWS Coordinator.
Reference National Interagency Mobilization Guide Chapter 40 for additional information.

CAL FIRE
CAL FIRE currently has seven (7) portable RAWS assigned to Units for use on State incidents. Request RAWS through GACC. Upon release from the incident they are to be returned to their respective Unit.
Ordered in ROSS as: RAWS, Portable. Category is NON-NFES supplies.
Reference the CAL FIRE Handbook 8100 procedure 344.

Mobile Food Service

National Contract Mobile Food Service – Federal
When the determination is made that contract mobile food services are needed in support of federal wildland fire activities in the United States, the Government is obligated to order services from National Mobile Food Service Unit (MFSU) Contractors (National Caterer) when at any time:

- The number of people to be fed is at or above 150 persons per meal, AND
- The headcount is estimated to remain at those numbers, or greater, for at least 72 hours from when the headcount first reaches 150 per meal.

If national incident activity is high and a National Mobile Food Service Unit is unavailable, cooperator units may be used. A second E number will be generated for cooperator unit (See next section, MKU/FDU). In such case, the cooperator is guaranteed a minimum 72 hours of work, even if a National unit becomes available before then. Cooperators include state managed kitchens.

For a complete listing of the Schedule of Items and Contract Specifications for the National Mobile Food Service Contract, reference the current National Mobile Food Services publication, NFES 1276. This information can also be found at the following website: http://www.fs.fed.us/fire/contracting/

National Food Service units are ordered as an E number and are called Food Service, Mobile in ROSS. All National Food Service unit orders are placed to the GACC and then onto NICC. NICC will determine and assign the appropriate units to all federal wildland fire incidents.

Mobile Food Service requests must be completed and faxed to the GACC at time of ROSS request. Refer to the California Interagency Mobilization Guide, Appendix, for the link to the National Mobile Food Service/Shower Unit request form.
All requests to reassign National Contract Mobile Food Service will be placed through established ordering channels to NICC. All reassignments of National Mobile Food Service will be done by NICC.

All release information will be documented in ROSS and relayed to NICC within 15 minutes. Contractors may take 24 hours to rest and replenish supplies within the local area after release. After 24 hours, contractors must return to the unit's designated dispatch point.

Mobile Kitchen Unit (MKU) and Food Dispensing Unit (FDU) – CAL FIRE

MKUs and FDUs are specialized resources and require certain support resources to facilitate their operations. Once a MKU/FDU is requested the goal is to get the resource to the incident by either the next morning or evening to feed the incident personnel.

Food Dispenser Units (FDU) - Food Dispenser Units or steam tables should be used, when available, when the number of meals to be served will not exceed the unit's capacity (200-300 meals).

Mobile Kitchen Units (MKU) - When the needs of the incident exceed the capacity of the FDU, a FDU is not available, an incident base has been established, or an incident management team will be assigned, Mobile Kitchen Units will be the first choice for feeding of incident personnel. CAL FIRE MKUs should be used first followed by MKUs from cooperating agencies and then rented MKUs with CAL FIRE kitchen crews.

Order in ROSS as an E number as: Food Service, Mobile. In special needs, identify CAL FIRE MKU or CAL FIRE FDU, include Date and Time of first meal and number of persons served. The Unit ordering the MKU/FDU request shall contact the camp supplying the MKU/FDU to determine which MKU Support Module (A,B,C,D) is required.

Reference the CAL FIRE Handbook 8100 procedure 341.

If national incident activity is high and a National Mobile Food Service Unit is unavailable to federal Units, a CAL FIRE MKU may be used. In such case, CAL FIRE is guaranteed a minimum 72 hours of work, even if a National unit becomes available before then.

Northern California

AEU	Growlersburg	MKU/FDU
HUU	Eel River	MKU
HUU	High Rock	FDU
LMU	Antelope	MKU
LNU	Konocti	MKU
SHU	Trinity River	MKU
TGU	Salt Creek	MKU/FDU

Southern California

BDU	Prado	MKU
BEU	Gabilan	MKU
FKU	Miramonte	MKU
MVU	Puerta La Cruz	MKU/FDU
SLU	Cuesta	MKU
TCU	Vallecito	FDU

Mobile Shower Facilities

Federal

For a complete listing of the Schedule of Items and Contract Specifications for the National Mobile Shower Facilities Contract, refer to the current National Mobile Shower Facilities Contract publication, NFES 2729. This information can also be found at the following website: http://www.fs.fed.us/fire/contracting/

National shower contractors may offer to bring other optional items such as hand-washing units and water tenders, in addition to the shower units. Incidents are not required to order or use these items from national contractors. Units should use local vendors to fill these needs when possible.

All requests to reassign National Contract Shower units will be placed through established ordering channels to NICC. All reassignments of National Shower units will be done by NICC.
All release information will be documented on the resource order and relayed to NICC within 15 minutes. Contractors may take 24 hours to rest and replenish supplies within the local area after release. After 24 hours, contractors must return to the units' designated dispatch point.

National Mobile Shower Facilities are ordered as an E number and are called Shower, Mobile in ROSS. All National Mobile Shower Facilities orders are placed to the GACC and then onto NICC. NICC will determine and assign the appropriate units to all federal wildland fire incidents.
The National Mobile Food Service/Shower Unit request form must be completed and faxed to the GACC, at time of ROSS request. Refer to the California Interagency Mobilization Guide, Appendix, for the link to the form.

CAL FIRE

Requests for showers on CAL FIRE incidents will follow CAL FIRE Hired Equipment Guidelines. Refer to Hired Equipment in the California Interagency Mobilization Guide, Chapter 40.

Mobile Saw Trailer – CAL FIRE

CAL FIRE has a Mobile Saw Trailer available from the Mt Bullion Camp, Madera Mariposa Unit. This trailer comes equipped with enough supplies (bars, chain, filters, parts, etc.) to support an incident for 5 days. The trailer is staffed with 1 Fire Captain, 1 CDCR Officer and 2 CDCR Inmates.

Order in ROSS as: Equipment, Trailer. In Special Needs state Mt Bullion Saw Trailer.

Hired Equipment

Forest Service Incidents – Contract/Hired Equipment (non-National Contract)
Use the R-5 Expanded Dispatch Incident Guide for VIPR, DPL, IBVPA, Incident Only/EERA
https://gacc.nifc.gov/oncc/logistics/equipment_supplies/docs/508%20Expanded%20Dispatch%20Guide.pdf

For Incident Procurement and Fire Contract Clarification/Assistance, reference:
http://www.fs.usda.gov/detail/r5/fire-aviation/management/?cid=stelprdb5303034

Each host dispatch center will give dispatch priority to the resource offering the greatest advantage to the Government **before** all other private resources not under Agreement with the following exceptions:

- For Immediate Need/Initial Attack, dispatchers will follow the "closest forces" concept and utilize locally available resources according to agency and incident needs.
- Tribal preference policy established within reservation jurisdiction

CAL FIRE Incidents – Contract/Hired Equipment
The Hired Equipment Management System (HEMS) will be used for dispatching immediate need and planned need fireline dozers and water tenders, as well as, support equipment. Reference CAL FIRE Handbook 7700, Policy 7761.6.5 and CAL FIRE Handbook 8100, Procedure 345.

Unified Command Incidents – Contract/Hired Equipment – State and Federal
The following criteria will be considered when determining which Hired Equipment system will be used at unified command incidents.

- DPA – current and threatened
- Unified Ordering Point
- Early coordination with expanded dispatch between finance and logistics functions
- Access to various agencies hired equipment programs and agency personnel to use their respective programs

Chapter 50 - Aircraft

The paramount consideration for aircraft use in California is to conduct all operations safely and reduce risk exposure.

In order to maximize IA effectiveness, the GACCs will retain operational control of all tactical aircraft.

Aircraft Administration

Bureau of Land Management

The California State Aviation Manager (SAM) is located at the California State Office. The State Aviation Manger provides guidance to two Unit Aviation Managers (UAM) located in Moreno Valley and Susanville. These Unit Aviation Mangers coordinate the daily fire, law enforcement and administrative aviation use in their geographical areas. All requests for incident support and administrative flights will be made through the Interagency Communication Centers identified in those geographic areas. Geographic area communication centers are as follows.

Northern California District (NOD) - Susanville Interagency Fire Center (SIFC)
Owens Valley District (OVD) - Owens Valley Interagency Communication Center (OVICC)
Central California District (CND) - Central California Interagency Communications Center (CCCC)
California Desert District (CDD) - Federal Interagency Communications Center (SBCC)

Requests for administrative flights for the California State Office are requested and processed through the State Aviation Manager in coordination with Northern California Geographic Area Coordination Center.

CAL FIRE

CAL FIRE Aviation is integrated within two organizational classifications: Aviation Management Unit (AMU) and Tactical Air Operations (TAO) both under the direction of Fire Protection. Program responsibilities overlap in many areas; the following only serve to identify accountability:

AMU:
Aviation Policy and Procedure
Maintenance of both fixed and rotor wing aircraft
Aviation Life Support Equipment (ALSE)
Aviation Safety
Management of aviation contract personnel
Maintenance staff
Fixed wing pilots
Management of Call When Needed (CWN) and any Exclusive Use (EU) contracts

TAO:
Command and Control
Fire chemicals
Base operations and standardization
Aviation Training and Standards of CAL FIRE personnel
Military Program Coordination
Title 10 assets
MAFFS

California National Guard
Operational technical assistance

Forest Service
The Regional Aviation Group (RAG) is divided into operational areas to better serve the Units in the region. All Units should direct requests for technical assistance to the office designated to serve them. There will be personnel at each location to assist the Units in all aspects of aviation. All requests for incident support and administrative flights will be made through the appropriate GACC.
NOPS will be the dispatch point for the McClellan Office and Redding Aviation Units. SOPS will be the dispatch point for the Lancaster Aviation Unit. Aviation Units needing assistance should make requests to the dispatch office that serves them.

Designated Operational Areas and Units served are:

Lancaster Aviation Unit - ANF, BDF, CNF, INF, LPF, SQF, SNF, STF and OSC

Redding Aviation Unit - ENF, KNF, LNF, MDF, MNF, PNF, TMU, TNF, SHF, SRF and ONC

It will be the responsibility of the Aviation Units to furnish the appropriate GACC a duty schedule during the fire season for all pilots, inspectors and aircraft status.

Fire and Aviation Safety Teams (FAST) assist agency administrators during periods of high fire activity by assessing policy, rules, regulations, and management oversight relating to operational issues. For more information reference the National Interagency Mobilization Guide, Chapter 20.

Aviation Safety Assistance Teams (ASAT) enhance safe, efficient, and effective aviation operations. An ASAT provides assistance to Unit and Aviation Managers, flight crews, and Incident Management Teams for increasing ongoing or declining incident aviation activity. For more information reference the National Interagency Mobilization Guide, Chapter 20.

National Park Service
The National Park Service Aviation program is managed at the Park level by the Fire Management Officer or Park Aviation Officer. In California there are two National Park Service Helicopters, one Type 2 Standard in Yosemite National Park and a Type 3 Standard in Sequoia and Kings Canyon National Park. The primary mission for these helicopters are wildland fire response and all hazard missions including short haul emergency extraction on a case by case basis. All requests should be routed through unit dispatch centers. Assignment length can be negotiated with the Park Fire Management Officer or Park Aviation Officer.

Federal Cooperator Aircraft Use
Cooperator aircraft to the Forest Service and Office of Aviation Services (OAS) (state contracted, state owned, state managed National Guard aircraft, county, city, or other) may be used on federal fires under the following conditions:

- The pilot and aircraft have been approved in writing for the mission, by the Forest Service Regional Aviation Officer (RAO) or the DOI Western OAS office.
- There exists a written MOU (Memorandum of Understanding) , interagency agreements or other document that authorizes their use and payment for this use.

- The cooperator aircraft will be operated within any limits on its use established in the written approval.
- The cooperator aircraft will be used only in situations where federal aircraft are not available.
- The cooperator aircraft will be released when federal aircraft becomes available.

The Federal Excess Personal Property (FEPP) is Forest Service-owned property that is on loan to State
Foresters for the purpose of wildland and rural firefighting Reference:
http://www.fs.fed.us/fire/partners/fepp/index.html
CAL FIRE tactical aircraft are FEPP.

In the initial attack period, aircraft will be filled using the "closest resource concept".
In the extended attack period, using cooperator-owned aircraft prior to exhausting contracted resources must involve a "significant and imminent threat to life or property". When using a cooperator aircraft, an Incident Aircraft Certification form will be completed by the host Unit. This form will be validated by the Federal Aircraft Coordinator at the GACC who will ensure the sending Unit, the receiving unit and GACC have a completed copy. For a sample of the Incident Aircraft Certification form, refer to the link found in the California Interagency Mobilization Guide, Appendix.

Aircraft Ordering Procedures

Initial Attack Ordering
The GACC will be notified of movement of all initial attack aircraft.

To expedite the closest available aircraft to initial attack fires, the Units will announce on the intercom when there is a status change of their Aircraft:

- Brought on early in the morning or down staffed for the evening
- Out of service mechanical and back in service
- Visibility conditions (smoke, fog, etc.)
- On a delay for any reason with expected time of delay

This procedure will increase the efficiency of the GACC to facilitate requests for aircraft especially during lightning events and periods of increased initial attack activity.

"Closest resource concept" will be followed by all agencies for IA and is defined as:
Regardless of the controlling agency, the agency resource that has the shortest timeframe to reach a predetermined incident location first will be dispatched. Established dispatch channels will be followed at all times. When multiple agency aircraft are available at a base, the agency specific aircraft will be dispatched to that agency's incident first.
When an aircraft is on base and in the IA Zone of Influence, Units will order directly from the administering base, via the intercom for initial attack.

Requests for the aircraft when the closest base is vacant will be ordered via intercom through the GACC.

The GACC will fill orders from the most appropriate source available. The most appropriate source will be determined on the basis of urgency, resource availability, delivery time, reasonable cost effectiveness, impact on other units, and consideration of the overall fire

program.

The GACCs are responsible for the strategic movement of aircraft throughout the state, as needs dictate.

The CA Interagency Aircraft Dispatch script (FC-106) will be used by all Units ordering aviation resources. Refer to California Interagency Mobilization Guide Appendix.
The following information is required:

- Incident Name
- Order number
- Location: Descriptive location; section, township, and range: latitude/longitude
  When giving latitude and longitude use the format of degrees, decimal minutes (DD mm.mm)
- IP (Initial Point): When applicable, include name, latitude/longitude and altitude.
- Air Tactics/Air to Air FM, repeater tone if applicable
- Victor/Air to Air AM
- Air to Ground FM, repeater tone if applicable
- Ground Tactics/FM
- Command Frequency/FM, repeater tone
- Request number
- Other Aircraft
- Hazards

Unless specified by Unit standard response plan, initial attack aircraft orders in ROSS should be ordered as:

Airtanker, Any Type
Helicopter, Type 2 Standard (with crew)
Fixed Wing, Leadplane
Fixed Wing, Air Tactical
Fixed Wing, Aerial Supervision Module (ASM)
Aircraft Groups: Load, Smokejumper, Initial Attack

Aircraft call signs and ETA's will be relayed at the time of departure from the base.

Very Large Airtankers (VLATs) may be used on CAL FIRE incidents to augment Type 1, 2 and Type 3 Multi-engine Airtankers and not as a replacement.

Additional Aircraft Requests

Once the Aircraft identified by the initial response plan have been committed, all additional requests will be placed with the GACC by ICS standard types. Additional aircraft ordered may not be the closest based on GACC operational needs.

For ICS typings, refer to the California Interagency Mobilization Guide Chapter 50, "Airtankers" and "Helicopters" sections.
Single Engine Airtankers (SEATs) may be used under the following conditions:

- Used as initial attack airtanker as long as it is the closest resource and the pilot is IA qualified.
- If pilot is not IA rated aerial supervion must be present.
- Used with other airtankers only if a Lead Plane, Air Attack or ASM is present.

- On CAL FIRE incidents, may only be used to augment Type 1, 2 and Type 3 Multi-engine Airtankers and not as a replacement.

Airtanker Dispatch Rotation

When more airtankers are available at the base than originally requested or allotted for the incident, the Host Unit or air attack base can request rotational use of all available airtankers. The air attack base or unit will initiate the request for rotation and route it through the ECC and GACC for consideration.

At no time will additional rotation airtankers exceed the number of airtankers originally allotted to be flying on the incident.

Each airtanker assigned to the incident will be issued it's own "A" request number.

For airtanker rotation, refererence the Interagency Airtanker Base Operations Guide (NFES 2271).
http://www.nwcg.gov/sites/default/files/products/pms508.pdf

Aircraft Diverts

Diverts

This divert policy applies to all incidents regardless of size.

All agencies should utilize the closest available airtanker on a new incident.

No Divert

When the IC recognizes critical fire advances and has urgent need for continued air support for the direct and immediate threat to life of a firefighter or a civilian by the approaching fire front, the IC shall immediately contact their dispatch and request a "no Divert" for a specified number of aircraft. The dispatch center will immediately relay the request to the appropriate GACC via intercom. It is necessary for the dispatch center to include in the transmission, the life threat and the specific number of tankers included in the no divert.

Example: "on the Salt Fire, requesting a "no divert" for two airtankers due to immediate life threat on firefighter and civilians."

The GACC may not grant a no divert for the number of tankers requested based on the operational needs of the region/state.

A life threat is not a justification for a blanket "no divert" for all aircraft on an incident. Incident personnel should assess the threat and request "no divert" for the number of aircraft necessary to assure safe egress from the threat.

The "no divert" status will be reevaluated every 30 minutes for its appropriate use by the dispatch's direct contact with the IC or Air Attack. When the critical phase has passed, the IC shall immediately advise the dispatch center and cancel the "no divert". The dispatch center will then contact the appropriate GACC over the intercom with the cancel.

Airspace Coordination

Fire Traffic Area (FTA)

FTA is the initial attack airspace structure over a wildland fire.
For examples of FTA refer to the California Interagency Mobilization Guide Appendix for a link to this information.

Temporary Flight Restrictions, FAR 91.137 (TFR)

Temporary airspace restrictions will be established when incident related Aviation activities present potential conflict with other Aviation activities. The FAA requires that latitude/longitude information for TFRs (Temporary Flight Restrictions) must be provided in degrees, minutes, and seconds, including reference to north latitude and west longitude. If seconds' information is not available, add two (2) zeros to the description. Do not use spaces, commas, or other symbols in the description. Example: ddmmssN/dddmmssW or 450700N/1175005W. The corner points should be listed in a clockwise sequence starting with the Northwest point, around the requested TFR to avoid "bow tie" depictions.

Units are responsible for initiating and cancelling all TFR requests, with a phone call and completion of the Interagency Request for Temporary Flight Restrictions form (FAR part 91.137), to the appropriate GACC, as well as processing request in ROSS. This form is located at: http://gacc.nifc.gov/oncc/logistics/aviation/docs/tfr_request.rtf and the link to this form may also be found in the California Interagency Mobilization Guide Appendix. All TFR violations must be reported immediately to the GACC.

https://gacc.nifc.gov/oscc/logistics/aviation/docs/2016_TFR.pdf

GACCs are responsible for coordinating the issuance and cancellation of all TFR requests with the FAA. During high incident activity an Airspace Coordinator may be requested. The GACC will contact the ARTCC, and military facility if applicable.

Media aircraft, medical aircraft and law enforcement aircraft are allowed in the TFR as long as they contact the air attack on the posted Air to Air frequency to request permission prior to entering the area and at what altitude.

Military Training Routes (MTR) and Special Use Airspace (SUA)

Military Training Routes and Special Use Airspace present conflicts with incident related aviation activities and will be identified by local Units. One source for this information is AP-1B, Flight Information Publication, "Military Training Routes." Each ECC should download a current edition of the AP-1B.
Special Use Airspace may be found on Sectional Aeronautical Charts. Critical airspace information pertinent to flight should be organized for easy and rapid utilization; i.e., displayed on dispatching hazard. Special Use Airspace (SUA) includes Low Altitude Tactical Navigation Areas (LATN), Military Operations Areas (MOA), Restricted Areas (RA), Prohibited Areas (PA), Alert Areas (AA), Warning Areas (WA) and Controlled Firing Areas (CFA). Units may obtain operational agreements with the military units having control over any Special Use Airspace in their area and keep the military advised of all activities (fire and non-fire) that may be occurring inside these areas. Units will follow up with notification to the GACC.

For deconfliction of Special Use Airspace, refer to the Documentation of Contacts Requesting Deconfliction of Airspace by the Military, the link to this form is found in the California Interagency Mobilization Guide, Appendix.

Incident Related

When air activities of an unplanned nature (i.e., fire or flood) occur that may conflict with an MTR or an SUA the GACC Aviation Coordinator will contact the responsible military originating or scheduling facility to notify them of the situation and gather information on whether the routes are active. Provide the following information:

1. MTR number and points along the route where incident is located.
2. Whether route needs to be closed or altitude adjusted so route can remain operational and safe.
3. Hours the restriction/change is to be in effect.
4. Temporary airspace restriction, TFR (91.137) is filed with the FAA. If a TFR has not been requested through the FAA, the request to the military is considered a voluntary cessation of activity(s); it is between the agency and the military. Any conflicts arising will need to be coordinated directly with the military as no FAA air space restriction has been violated. All conflicts should be reported on SAFECOM Report (or OAS-34), to Regional/State Aviation Safety Officer. CAL FIRE report on FC-119, reference CAL FIRE Handbook 8100, procedure 406.

Intercom Traffic Releated to Military Deconfliction

If a MR or SUA is present, the GACC or the local ECC may annouce "Aircraft Hazard MTR" and/or "Aircraft Hazard (Insert Name) MOA."
This identifies an MTR or SUA in the area of the incident.
The status "unconfirmed" or "hot/active" will be announced after deconfliction with the scheduling facility by the GACC.
ECCs and/or tanker bases will notify responding aircraft of status provided by GACC.
"Hot/Active" indicates that verbal confirmation has occurred with the scheduling facility and there is current or planned activity in that area.
"Unconfirmed" indicates there was an attempt to contact the scheduling facility and it was unsuccessful.

Non-Incident Related

When a Unit schedules an air activity project that may conflict with a MTR, the GACCs Aircraft Coordinator will assist with the operating procedures and ensure that the use of the MTR is coordinated with the responsible military facility. The project needs must be made known to the GACCs Aircraft Coordinator at least two days prior to starting the project to allow time to coordinate with the military, so they may adjust their schedules if needed.

Temporary Airport Control Tower Operations

Requesting FAA Air Traffic Control Support - When aviation operations in support of an incident become too complex or unsafe at uncontrolled airports or helibases, the FAA may be requested to provide air traffic control support**.**

GACCs within the FAA's Western Service Area (AK, AZ, CA, CO HI, ID, MT,NV, OR, UT, WA, and WY) may request FAA Air Traffic Control support through the Western Service Area Agreement or through a contract vendor. A lead time of 24 hours is desirable when ordering. If the FAA cannot supply radios, the incident COML will order radios as a Supply request through

established ordering channels.

Requesting Units are required to provide full support and subsistence for FAA assigned personnel, as needed, per FAA Agreement.

- Ground/takeoff control problems.
- Approach control/landing problems.
- Where it is needed.
- Approximate duration of use**.**
- Contact person's name and phone number that will provide support and subsistence for FAA personnel.

Requesting Unit must complete and submit Temporary Airport Control Tower Form to the GACC: http://gacc.nifc.gov/oncc/logistics/aviation/docs/temp_tower.doc
If a VIPER Vendor is not available the GACC will contact the FAA for a Temporary Tower Request.

The GACC will contact the FAA's WSA Regional Operations Center (ROC) at 425-227-1999 and ask to speak to a duty officer regarding a Temporary Tower order. The ROC will connect the GACC with the appropriate FAA Duty officer. The ROC is the primary point of contact for the FAA for this request. The Temporary Tower Request Form along with the aircraft resource order will be forwarded to the FAA at the time of the request. In addition, there is a helpful checklist in Chapter 11 of the Interagency Airspace Coordination Guide that aids in the ordering and set up process of a temporary tower.

Ordered in ROSS as: Service-Temporary Tower
For more information on airspace coordination refer to the NWCG Standards for Airspace Coordination. https://www.nwcg.gov/publications/520

Air Communication

National Air Guard - 168.6250 MHz (Tx 110.9 Rx 110.9) - A National Interagency Air Guard frequency for government aircraft will be used for emergency aviation communications. Continuous monitoring of this frequency in narrowband mode is mandatory by Federal agency dispatch centers.

Restricted to the following use:

- Air-to-air emergency contact and coordination.
- Ground-to-air emergency contact.
- Air Guard Channel is not available for tactical frequency or use.

National Flight Following - 168.6500 MHz (Tx 110.9 Rx 110.9) is used to monitor interagency and contract aircraft. This frequency is used for flight following of official aircraft and is not intended to be used for tactical communications or incident operations. All Federal dispatch centers will monitor the National Fight Following frequency at all times.

Restricted to the following use:

- Flight following, the dispatching of local aircraft, and/or redirection of aircraft
- Air to Ground and Ground to Air administrative travel, **not** tactical communications
- **Not** authorized for ground to ground traffic

Pre-Assigned Aviation Frequencies

In order for aircraft communications to be manageable and functional, air frequencies are preassigned on a temporary basis to expedite initial attack but will remain under the control of the GACC. Once aviation resources have launched to initial attack incident the aviation frequencies will not be changed due to a change in jurisdiction or transfer of the ordering point, until the end of the operations shift. An air frequency may be changed if there is a safety issue with the frequency.

Occasionally the preassigned frequencies will have to be withdrawn from a Unit to serve multiple incidents on another Unit. In that event, alternative frequencies will be provided by the GACC.

A complete listing of pre-assigned frequencies can be obtained by contacting the Federal Aviation Coordinator at the GACC.

Requesting Additional Aircraft Frequencies

Initial Attack

When the aircraft communications load on an on-going incident is too congested to be handled by existing incident and air operations networks, temporary frequencies can be obtained. The IC should request additional frequencies.

Extended Attack

Extended Attack operations will be required to order new aviation frequencies allowing IA frequencies to be released.

The Unit will request the following frequencies from the GACC: Air to Air FM (Air Tactics), Air to Air AM (Victor) and Air to Ground (FM).

The GACC will be notified of all frequency releases.

Aircraft Flight Plan

For the link to the Aircraft Flight Request form (FS 9400-1a), refer to the California Interagency Mobilization Guide Appendix.

Federal

Reference Chapter 50 of the National Interagency Mobilization Guide or the Agency Aviation Management Plan.

In addition to FAA flight plans, which are required for all IFR flights, all agency contracted aircraft will file an agency flight plan with the orginating unit ECC for all missions, with the exception of intial attack responses.

CAL FIRE

Only administrative flights require a flight plan.

Reference CAL FIRE Handbook 8100, procedure 401 and CAL FIRE Handbook 8300, policy 8362.2.1.

Aircraft Flight Following

These procedures for flight following apply to all aircraft which move across Unit or Geographical boundaries. Flight following is the primary responsibility of the unit scheduling the flight (sending unit) and will remain so until transferred through a positive, documented handoff. If the flight will cross "traditional dispatch boundaries," the originating dispatch office must coordinate with the affected units and establish if the aircraft will be flight followed for the duration of the flight from the originating office or handed off when borders are crossed. Either option is acceptable but must be communicated and understood between dispatch offices and pilot/flight managers. (from Nat'l Mob Guide) The method to be used will be determined between the pilot and the dispatch office prior to departure. Receiving and intermediate units will only get involved in tracking the aircraft when requested by the sending unit or when the aircraft is overdue.

Once an aircraft has become airborne the flight manager/pilot will contact the ECC and relay the following information, this information will also be relayed when the aircraft is handed off to another unit for flight following responsibility

- Aircraft tail number/Call sign
- Number of souls on board
- Amount of fuel on board (hours/mins)
- Estimated flight time to destination and/or first fuel stop.
- Aircraft will advise on method of flight following (AFF is the preferred method).

Types of Approved Flight Following Methods

National Flight Following – Federal. Can be used for flight following of official aircraft and for aircraft dispatching and divert.

Automated Flight Following (AFF). AFF displays real time information regarding an aircraft's location, speed, heading, altitude, and flight history.

Federal: For more information on this see the National Interagency Mobilization Guide, Chapter 50.

CAL FIRE: Reference the CAL FIRE Handbook 8100, procedure 400.

Web link for AFF: https://www.aff.gov/

Radio check-in/check-out. Flight following requires verbal communication via radio every 15 minutes. The ECCs will log the aircraft call sign, latitude, longitude and heading.

Flight Following Responsibilities

Sending Unit

- Ensure that the flight crews are properly briefed on flight following procedures, responsibilities, and frequency. Flight follow the aircraft to its final destination. Advise the pilot of any exceptions to routine flight following procedures. Obtain ATD (Actual Time of Departure) from initial departure airport from pilot/vendor or chief-of-party.
- Communicate to local GACC through established ordering channels all aircraft flight plans which cross Unit or GACC Boundaries. All ECC's will advise the GACC of all aircraft movement. The originating dispatch will ensure that their telephone number appears on the flight plan.

- Notify GACC of any delays/advances of a flight plan exceeding 30 minutes.

- Initiate appropriate procedures for overdue/missing aircraft. Utilize agency Aircraft Search/Rescue Guides as appropriate and notify GACC of overdue aircraft.

CAL FIRE reference the CAL FIRE Handbook 8100, procedure 406 for aircraft accident/incident procedures and procedure 400 Flight Following.

Pilot

- Receive briefing of flight following procedures from sending ECC.
- File an FAA flight plan.
- Obtain and carry the sending ECC, GACC's and NICC's 24 hour telephone numbers.
- Contact sending ECC at time of initial departure and provide ATD.
- Contact sending ECC while enroute as directed.
- Call originating/receiving ECC upon arrival at destination.

Receiving Unit

- Notify the sending unit of any aircraft which has not arrived within 30 minutes of ETA.
- If problems are encountered contacting the sending unit, contact the GACC for assistance.

Sending GACC

- Forward flight plan information to the receiving GACC
- If flight crosses GACC boundaries outside of California, forward to NICC.
- Notify receiving GACC and NICC of any delays/advances of flight plan exceeding 30 minutes.
- Immediate notification to NICC when a Federal aircraft on GACC to GACC flight is overdue/missing.
- Immediate notification to CAL FIRE Region Duty Officer when a CAL FIRE aircraft is overdue/missing.
- Immediate notification to Forest Service Regional Aviation Safety Officer or respective DOI Aviation Managers when a Federal aircraft is overdue/missing.
- Coordinate with units/GACCs/NICC in searches for overdue/missing aircraft.

Receiving GACC

- Relay flight plans to all units affected by the flight plan through established dispatch channels.
- Notify intermediate or receiving units of any delays/advances of flight plan exceeding 30 minutes.
- Coordinate with intermediate or receiving units in searches for overdue/missing aircraft.

NICC

- Monitor federal flight plans for additional utilization.
- Coordinate with sending and receiving GACCs in searches for overdue/missing aircraft.

Aircraft Release

All aircraft users should anticipate that tactical aircraft could be reassigned to new incidents at any time, especially upon the completion of the current assignment.

At no time will supervisory aircraft or the ECC release positive control of any tactical aircraft until approved by the GACC. Flight following will be performed on all released tactical aircraft.

Units may release charter and CWN aircraft to the vendor without flight following, providing there are no federal passengers or cargo on board and will make notification to the GACC.

All airtankers will be released daily and reordered for next day's shift by 1900 hours, under a new request number.
All federal aerial supervision aircraft may remain on their orginal request number (A#) until released from the incident, diverted to another incident, or go on days off.
On State incidents, all (state and federal) aerial supervision aircraft will be released at the end of each day. They need to be reordered for next day's shift by 1900 hours, under a new request number.

Notification for Aircraft Accident or Incident With Serious Potential

Upon notification of an aircraft accident or incident with serious potential the following notifications will be made:

Federal
Unit - Immediately notify their Aviation Officer or UAM, Unit Duty Chief, Agency Administrator, and GACC Federal Aircraft Coordinator.
Federal Aircraft Coordinator – Notify the GACC Duty Officer, the Regional Aviation Safety Officer, the Regional Aviation Officer and NICC Coordinator-On-Duty (COD).

State
Unit - Notify through the Unit Duty Officer chain-of-command, the Unit Duty Chief
Unit Duty Chief - Notify through the Duty Chief chain-of-command, the Regional OCC Duty Chief, Sacramento Fire Protection Duty Chief and Tactical Air Operations Duty Officer.
Unit Duty Officer - Notify the Aviation Safety Officer via the Aviation Management Unit (AMU).

Reference the CAL FIRE Handbook 8100, procedure 406.

Air Tactical Supervision

Refer to the "Aerial Supervision Aircraft" chart at the end of this chapter for a listing of identifiers, locations, pilots and qualifications.

Aviation operations on an incident are often conducted under extremely adverse flight conditions such as congested airspace, reduced visibility, adverse weather conditions and mountainous terrain, all of which add to the complexity of aircraft operations over an incident. For Fire Traffic Area over an incident, refer to the California Interagency Mobilization Guide Appendix for a link to this information.

Air Tactical Supervision Over an Incident.
Individual situations with their inherent complexities dictate the level of supervision required to safely and effectively conduct an aerial suppression operation. This section identifies levels of Air Tactical Supervision required over an incident and summarizes the intent of USFS, DOI and CAL FIRE manual directives. Reference the Interagency Aerial Supervision Guide.

Aerial Supervision Requirements

Aerial supervision requirements are defined by the Interagency Aerial Supervision Guide per the chart below. The following terms are used in the chart.

Required**:** Aerial supervisory resource(s) that shall be over the incident when air tactical operations are being conducted.

Ordered: Aerial supervisory resources shall be ordered by the appropriate controlling entity. (Air tactical operations may be continued while the aerial supervision resource is enroute to the incident or is on order. Operations can be continued if the resource is not available.)

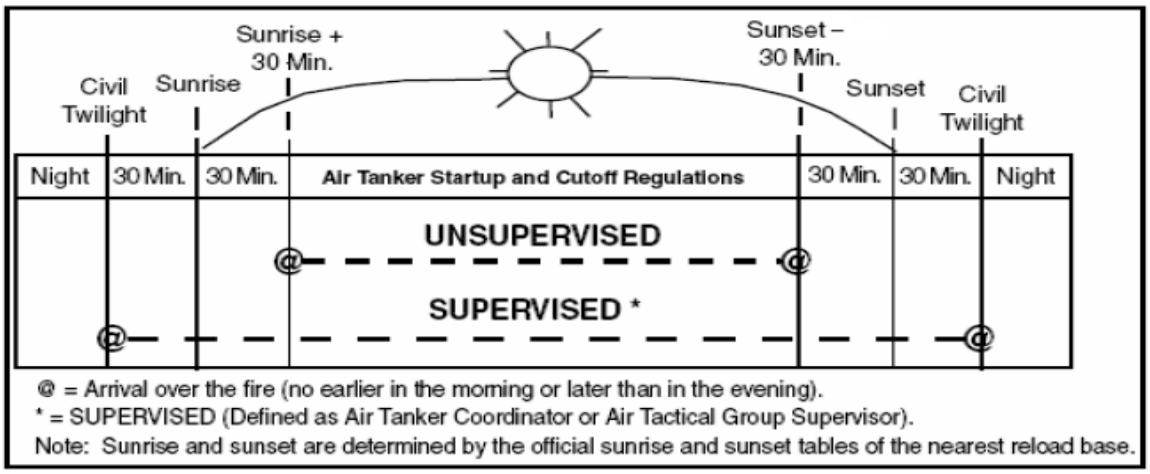
Over: The air tactical resource is flying above or is in a holding pattern adjacent to the incident.

Assigned To: Tactical resource allocated to an incident. The resource may be flying to and from, or on hold at a ground site.

Incident Aerial Supervision Requirements

When aerial supervision resources are co-located with retardant aircraft, they should be launched together on the initial order to maximize safety, effectiveness, and efficiency of incident operations. Incidents with 3 or more aircraft over/assigned to them should have aerial supervision over/assigned the incident. Federal policy dictates additional requirements as listed below.

Situation	Lead/ATCO/ASM	ATGS
Airtanker not IA rated.	Required	
MAFFS	MAFFS Endorsed Lead/ASM	
VLAT	VLAT Endorsed Lead/ASM	
When requested by airtanker, ATGS, Lead, ATCO, or ASM	Required	Required
Foreign Government airtankers.	Required if no ATGS	Required if no Lead/ATCO/ASM
Multi-engine airtanker: Retardant drops conducted between 30 minutes prior to, and 30 minutes after sunrise, or 30 minutes prior to sunset to 30 minutes after sunset.	Required if no ATGS	Required if no Lead/ATCO/ASM
Single engine airtanker (SEAT): SEATs are required to be "on the ground" by ½ hour after sunset.	See level 2 SEAT requirements	See level 2 SEAT requirements
Level 2 SEAT requirements: Level 2 rated SEAT operating over an incident with more than one other tactical aircraft on scene.	Required if no ATGS	Required if no Lead/ATCO/ASM
Retardant drops in congested/urban interface areas.	Order	May use if no Lead/ATCO/ASM
Periods of marginal weather, poor visibility or turbulence.	Order	Order



* The chart above does not apply to Night Aviation Operations. Airtanker dispatch, use of the official sunrise, start-up, cutoff, and sunset times of the Airtanker Base nearest the fire.

Aerial Supervision Module (ASM)

The ASM is a fixed wing platform that utilizes 2 crewmembers to perform the functions of traditional air attack and when necessary, performs low-level operations including Lead profiles. The ASM requires both crewmembers to be trained as a team, utilizing Crew Resource Management (CRM) skills and techniques to enhance safety, efficiency and effectiveness. Module operations require a fluid relationship between crewmembers that incorporates task sharing and coordination. The ASM provides aerial supervision in support of incident objectives.

An ASM is formed by pairing an ASM qualified Lead Pilot and an ASM qualified ATGS. An ASM can perform Lead Plane duties and Air Attack duties at the same time.

National designators will be used to identify the operating agency and crewmembers. For Forest Service ASM units, the Lead Plane call sign will be used and “Bravo” will replace “Lead”. For example: Bravo 5-2. For CAL FIRE ASM units, call sign “Charlie” will be used. BLM ASM’s have national call signs assigned. See page 94 for identifiers based on pilots under Lead Plane title.

All dispatching of Lead Planes/ASMs will be done by the GACCs. Normal ordering procedures will be followed.

The GACC Federal Aircraft Coordinators will coordinate with the Aviation Group for the availability and assignments for all Federal Lead/ASM planes assigned to California. Refer to end of this chapter for complete listing of pilots, locations, qualification, and identifiers.

GACCs will be responsible for the Aircraft Flight Schedules, form 9400-1a, when needed for the aircraft.

CAL FIRE may, upon request, provide up to three (3) qualified Lead plane/Aerial Supervision modules. Minimum status includes MAFFS and VLAT lead qualifications.

Airtankers

Airtanker Standard ICS Types

ROSS Catalog Item	Capacity (Mimimum)	ICS Type
VLAT	5000+ gallons	1
1	3,000 to 4,999 gallons	1
2	1,800 to 2,999 gallons	2
3	800 to 1,799 gallons	3
4	up to 799 gallons	4

Very Large Airtanker (VLAT)

VLAT can only be reloaded at specific bases. They are identified in the "Airtanker Bases" chart at the end of this chapter.

DC-10/B-747:

These aircraft can be used on all lands in California and if available, may require up to 24 hours for activation. These aircraft are best utilized on rapidly emerging fires which are, or will be moving into the extended attack phase. Consider using the DC-10 (12,000 gallons) or B-747 (20,000 gallons) if you are anticipating continuous use of multiple Type 1 and Type 2 Airtankers.

Ordered in ROSS as: Airtanker, VLAT

Type 1 Airtanker

DC-7/ Lockheed L-188 Electra/C-130/BAE-146/RJ and MD-87:

They can each carry a minimum of 3,000 gallons. The DC-7 and Electra are not approved for use within federal jurisdiction, unless it is a situation that requires immediate action to prevent the loss of life and property and has been authorized by the local Federal Line Officer or Regional Aviation Officer. This approval will be on a case by case basis. Any qualifed Federal or State Lead Plane can lead the DC-7 or Electra.

Ordered in ROSS as: Airtanker, Type 1

Type 2 Airtanker

DC-6:

These aircraft can carry a minimum of 1,800 gallons.

Ordered in ROSS as: Airtanker, Type 2

Type 3 Airtanker

S2 Tracker/S2 Turbine Tracker/CL-215 and CL-415:

These aircraft can carry a minimum of 800 gallons.

Ordered in ROSS as: Airtanker, Type 3 (Multi-Engine)

Scoopers

The CL-215 and 415 are approved water scooping aircraft in California. The CL-215 carries 1,400 gallons maximum and the CL-415 carries 1,600 gallons maximum.

Ordered in ROSS as: Airtanker, Type 3 (Multi-Engine)
Special Needs: Scooper

Air Tractor AT-802 F:
Single engine airtanker cabable of carrying 800 gallons.
Ordered in ROSS as: Airtanker, Type 3 (Single Engine)

Type 4 Airtanker
Air Tractor AT-802 and AT-602/Turbine Thrush/Turbine Dromader/Piston Dromader:
These aircraft can carry a maximum of 799 gallons.

Ordered in ROSS as: Airtanker, Type 4 (Single Engine)

Federal Modular Airborne Firefighting Systems (MAFFS)/Airborne Firefighting System (AFFS)
MAFFS/AFFS are military transport aircraft reconfigured to deliver retardant. They are activated to augment and enhance contract and agency airtanker capabilities. The Air Force requests a 24 hour lead time, however, in some cases they can mobilize quicker.
Requests will be placed through normal dispatch channels in ROSS.
MAFFS/AFFS can only be reloaded at specific bases. They are identified in the "Airtanker Bases" chart at the end of this chapter.

CAL FIRE requests for MAFFS Activation follow CAL FIRE Handbook 8100 procedure 327.

Ordered in ROSS as: Airtanker, Type 1.

Smokejumper Aircraft
California Smokejumpers and aircraft are national resources, administered and managed by the GACCs. Priorities for their use are established nationally.

Region 5 maintains two smokejumper (para-cargo) fixed wing aircraft during the active fire season that are based at Redding. They are identifed as "Jump 5-1" and "Jump 5-2".

NOPS will determine the number of aircraft and Smokejumpers available for a given day.

Once on the ground, the smokejumper incident commander/crew leader will contact the ordering Unit or local incident commander and provide a situation report. Smokejumpers arrive at an incident with tools and supplies for 3 days of fire suppression activity. The smokejumper incident commander will contact the ordering Unit and arrange for incident demobilization.

Responsibility for arranging transportation of smokejumpers back to their base lies with the ordering Unit. If problems arise, contact GACC for assistance. The GACC may be able to provide transportation for the Smokejumpers and their gear.

Satellite Bases
When smokejumpers are being deployed to SOPS, satellite bases may be activated. When a Unit in SOPS places the initial request for jumpers, the request will be placed to NOPS to fill; the SOPS Federal Aircraft Coordinator will then canvas other potential users to determine if there is a need to activate a satellite base. When a SOPS satellite base is activated, a smokejumper liaison will be assigned by the NOPS smokejumper base. Potential SOPS satellite bases include,

but are not limited to: Fresno, Porterville, San Bernardino, Castle, Bishop and Santa Maria. Potential NOPS satellite bases include, but not limited to: South Lake Tahoe, Grass Valley, Chester, Siskiyou, and Rohnerville.
When there is an activation of a satellite base in SOPS jurisdictional area, the operational control of the satellite base will remain under SOPS. The smokejumper plane and the smokejumpers themselves will be hosted by SOPS and be requested on OSC preparedness/preposition order.

NOPS will fill all requests for smokejumpers, para-cargo, smokejumper/para-cargo aircraft, and necessary supplies for all smokejumper satellite base operations. NOPS smokejumper base will ensure that all satellite smokejumper bases are properly outfitted. Any additional orders for smokejumpers, para-cargo, supplies, and aircraft will be made through NOPS.

All requests from a SOPS Unit for smokejumpers when there is an activated satellite base will be processed through normal dispatch channels. All agencies will place the request for smokejumpers as an "A" number as "Load, Smokejumper, Initial Attack", located under aircraft groups in ROSS.

Example: Fresno satellite base needs additional jumpers or equipment. The smokejumper liaison officer will contact the NOPS base and ask for additional jumpers or equipment. When the desired number of jumpers gets finalized, then NOPS aircraft coordinator will contact the designated person at SOPS and ask for the appropriate "O" numbers on the OSC order, to be placed with NOPS to be filled. If the request for additional jumpers cannot be fulfilled by the jumpers currently on base then NOPS may put in a request for boosters.

Para-cargo orders are requested in ROSS as Aircraft, Fixed Wing, Cargo.

Satellite base resources; smokejumpers, supplies, and aircraft in SOPS will be demobilized through SOPS in coordination with NOPS.

Para-Cargo Delivery
The Smokejumper Unit is charged with maintaining the para-cargo delivery system
The following information is needed to fill a para-cargo request:

- Desired Cargo
- Incident name, order number and "A" request number
- Location of drop zone (Legal or Latitude X Longitude)
- Ground contact
- Desired time of delivery

Almost all fire cache items can be delivered via para-cargo. In addition, special items such as fresh food, drinking water and sack lunches can also be delivered. Emergency medical care and resuce equipment can be delievered via para-cargo. The smokejumper unit maintains six trauma kits with IV fluids and TRS litters rigged for Para-cargo delievery, every Smokejumper aircraft carries one of these kits available for order at all times. Additional trauma kits/TRS litters, a basket litter with wilderness wheel, and an AED are available for oder from the Redding base. IV starts must only be administred by qualified individuals.

The time frames for delivery of para-cargo are dependent on the availability of requested items, aircraft, cargo riggers and cargo droppers. As a general rule, any fire cache items can be ready

within two hours and special items within four hours. Orders placed after dark can be prepared at night and delivered at dawn.

Para-cargo weight capacities vary for aircraft assigned.

Para-Cargo orders are requested in ROSS as Aircraft, Fixed Wing, Cargo.

Infrared Aircraft

Infrared mapping services are available for use on any wildland fire activity and are obtained through the appropriate GACC in accordance with the National Infrared Operations Plan.

Requests to the GACC will be via ROSS and a completed Infrared Aircraft Scanner Request form, submitted on-line from the National Infared Operations (NIROPS) website: http://nirops.fs.fed.us/rcr/scanner. If internet is unavailable, a faxed copy to the GACC will be accepted. Request(s) need to be received at the NICC by 1500 Mountain Time to be scheduled for that night's flight, which means they must be received by the GACC no later then 1345 Pacific Time.
For the Infrared Aircraft Scanner Request Form, refer to the link found in the California Interagency Mobilization Guide, Appendix.
A qualified Infrared Interpreter (IRIN) must be confirmed or in place at the time of the Infrared flight.
Refer to the California Interagency Mobilization Guide Chapter 20, Specialized Overhead

Ordered in ROSS as: Service-Aviation; Service – Infrared Flight

Night Aviation Operations

Forest Service

An exclusive use air attack platform and helicopter will be available during fire season for night aviation operations. The night air operations will be hosted on the Angeles National Forest. The NAO aircraft have a one hour I/A response range, helicopter 90 nautical miles and air attack 240 nautical miles and will support wildfire suppression on Forest Service protected lands, including communities and homes within adjacent to the Angeles, Cleveland, and San Bernardino National Forests, and the Southern half of the Los Padres National Forest (South of HWY 166).

Prior to committing night air operation resources outside the above approved locations approval must be granted from South Ops Geographic Area Coordination Center (GACC) Duty Chief. The approval or denial of the request will be documented in the ROSS order by the South Ops GACC.

For a copy of the Region 5 Night Air Operations Mobilization and Notification Procedures please contact South Ops GACC.

Ordering will follow standard procedures.
ROSS order helicopter as: Helicopter, Type 2 Standard
ROSS order Air Attack as: Fixed Wing, Air Tactical

Mobile Retardant Base
A mobile retardant base sometimes called portable retardant base, is an easily transportable retardant mixing and delivery systems that can be established at airports or other incident locations to support fixed or rotary wing operations.
The reporting location and the contact name and number must be in the resource order.
Federal
Order in ROSS and place to the appropriate GACC: Aircraft, Service-Mobile Retardant Base

CAL FIRE
Order in ROSS as: Aircraft, Service-Mobile Retardant Base
Unit to contact CAL FIRE current contracted retardant vendor, local CAL FIRE airbase can provide this information

Cooperators
Cooperator helicopters can be used if proper agreements, approvals and procedures are in place.
Reference Interagency Aerial Supervision Guide.

Helicopters

Helicopter Standard ICS Types
Limited Helicopters (L): no passenger carrying, external cargo only.
Standard Helicopters (S): passenger carrying, internal cargo and external cargo.

Type*	**Bucket size**	**Seats** (including pilot)
1	700 gallons	16
2	300 gallons	10
3	100 gallons	5
4	75 gallons	3

***** Type is based on bucket size and passenger capability.

Type 2S with crew is the standard IA helicopter

Type 3S with crew are additional IA helicopters
- A Host Unit may use their Type 3S helicopters on local IA response

Type 1L are Large Fire Support helicopters (LFS)
- These helicopters are primarily used as extended support of IA fires or in support of established large fires, not on standard IA response requests
- A Forest may use their Type 1L helicopter on local IA response
- If all Type 2S helicopters are committed, the GACC may go to a Forest with a Type 1L helicopters on an IA response

Air Rescue

CAL FIRE
All CAL FIRE helicopters can perform rescue operations. This capability is intended for use on incidents to rescue trapped or endangered firefighters and citizens when there is no other feasible alternative for evacuation.

Federal
Federal short-haul programs must be approved by National Park Service and Forest Service

offices. Any exemption to the plan must be represented by the program through the region for approval by the National Aviation office (NPS) or Directory of Fire and Aviation (FS).

All Short-haul operations will follow agency standards;

- NPS- Helicopter Short-Haul Handbook
- Forest Service – Emergency Medical Short-Haul Operations Plan (EMSHOP).

National Park Service

NPS have 2 helicopters based at Yosemite National Park at Crane Flat (Type 2S helicopter) and Sequoia/Kings National Park at Ash Mountain (Type 3S helicopter). Both helicopters serve as the parks' primary rescue/life flight helicopter for life threatening emergencies and may not always be available.
Reference the DOI Helicopter Shorthaul Handbook: https://www.iat.gov/docs/HSHH_2010.pdf

Forest Service Emergency Medical Short-Haul

The USDA Forest Service operates 5 short haul bases nationally in the Northern Rockies, Southwest, Great Basin, and Pacific Northwest. Each base utilizes Aerospatiale AS 350 helicopters with mandatory availability period (MAP) dates from April through October.
The National Emergency Medical Short-Haul Program (NEMSHP) provides national leadership in helicopter short-haul operations. NEMSHP promotes and enables safe, effective, and standardized short-haul operations. The NEMSHP is a field based program focused on supporting the employee in the field, providing short-haul as an expedient means to extract an injured or ill employee for transport to definitive care.

The primary mission of a Forest Service Short-Haul Helicopter remains as a suppression resource with the added capability of short-haul. The short-haul mission is intended to extract the injured personnel from an otherwise inaccessible location and transport them the shortest possible distance to a location where another type of medical transportation is available (ground ambulance, EMS/life flight, or internal in an agency helicopter). Crew size shall be a minimum of seven. Three crewmembers will be EMT-B's with potentially a total of six. A qualified spotter on board the aircraft and attendant qualified as an EMT-B will be on the haul line. Short-haulers and short-haul spotters will not be trained nor qualified concurrently with rappel operations or vice-versa.

Forest Service Short- Haul Orders

Orders for aircraft and short-haulers will be coordinated with the GACC and/or NICC and placed through normal channels. At a minimum, orders shall be filled with (6) Short-Haulers and a manager to support needs documented on the aircraft order through ROSS. The Short-Haul spotter/manager will determine transportation needs for the additional short-haulers on the order.

Ordered in ROSS as:
Short-Haul aircraft
Short-Haul Helicopter: Standard Category Type 3;
Selected features identified as "Special Needs": Short-haul capability

Refer to the "Helicopter Interagency Emergency Helicopter Extraction Source List:
http://www.fs.fed.us/fire/aviation/av_library/Revision_6_EHE_Source_List(03-12).pdf

Federal Helicopter Rappelling
Helicopter rappelling performed by qualified helitack modules can be utilized for a variety of missions where conventional means of delivering personnel by ground or by other aerial platform is prohibitive due to time, geographical features, or other environmental conditions. Either a booster or CWN rappeller can be ordered through normal dispatch channels.

Refer to the "Helicopter" chart at the end of this chapter for a listing of rappel qualified helicopters in California.

Ordered in ROSS as:
IA Load of Rappelers
Aircraft, Aircraft group, Load, Rappeler, IA

Boster Load of Rappelers
Overhead, HRAP

Rappel Helicopter
Aircraft, Helicopter, Helicopter Type, selected features, rappel capability

Firewatch Aerial Supervision Platforms
The USFS Firewatch Aerial Supervision Helicopter is a Bell 209 Cobra Helicopter converted for use as an aerial supervision and remote sensing intelligence gathering platform. There are currently two platforms in use in California, 507 and 509, refer to the "Aerial Supervision Aircraft" chart at the end of this chapter

Call signs for mission clarification:
- As air attack role, use the call sign "Air Attack".
- As helicopter coordination role, use the call sign "HelCO".
- As remote sensing intelligence gathering role, use the call sign "Firewatch".

Order in ROSS as:
- For air attack role – Fixed Wing, Air Tactical
- For helicopter coordination role – Fixed Wing, Air Tactical or Helicopter, Type 3 Standard with special needs "Fire Watch helicopter"
- For remote sensing intelligence gathering role – Fixed Wing, Tactical or Helicopter, Type 3 Standard with special needs "Fire Watch helicopter".

Project Helicopter – Forest Service
Request for helicopter services when the Forests local exclusive use helicopter is unavailable or the Forest does not have an exclusive use helicopter.

For Type 1 limited helicopter or Type 2 standard/limited helicopter requests will be passed up to NICC for processing. Requests for Type 3 helicopter are processed at the GACC.

When requesting a helicopter for a project this additional information needs to be included:
- Type of helicopter needed (make and model)
- Contact Name and Telephone number for Project Manager
- Contact Name and Telephone number for Helicopter Manager
- Approximate project length
- Fuel Truck, if needed

- Special pilot qualifications, if needed
- Other equipment as needed, long lines, nets, flotation devises, snow pads, etc.

A copy of the Commitment of Fund Obligation (FS-6500-224) and a copy of the Project Aviation Safety Plan also needs to be sent to dispatch and forwarded on to the GACC.

The GACC will either process the order, if it is for a Type 3 helicopter or place the order up to NICC. If the request needs to go to NICC then a copy for Commitment of Funds Obligation Form and the signature page of the Project Aviation Safety Plan will also be sent to NICC to be passed on to the contracting officer and the National Helicopter Specialist.

NICC will process the request by filling with an exclusive use helicopter with a modified contract or CWN helicopter.

Call When Needed (CWN) Aircraft
Call signs for CWN aircraft will be the last 3 numbers of the FAA tail number.

For the link to the Passenger and Cargo Manifest Form for CWN flights, refer to California Interagency Mobilization Guide, Appendix.

CAL FIRE
Unit ECCs are authorized to directly hire CWN aircraft: reference policies and rules of the current CAL FIRE 8300 Handbook, Section 8353. The current list of CWN aircraft is available on the CAL FIRE intranet.

If incident activity prohibits the ECC personnel from implementing the CWN hiring process, contact the GACC for assistance.

All payments are processed through the Unit's finance office utilizing the CAL FIRE 62 Emergency Aircraft Use Invoice.

Department of the Interior
A list of approved CWN aircraft and pilots are avaliable via the Internet at: https://www.doi.gov/aviation/aqd/aviation_resources and is maintained by the Office of Aviation Services (OAS). DOI agencies are required to use the OAS Source List when ordering and utilizing CWN aircraft and pilots.
All Type 3 CWN helicopters that are located within the administrative jurisdiction of a BLM District may be ordered by the appropriate ECC from the OAS Source List. The ordering Unit will order or provide a qualified helicopter manager and crew members.

CWN Helicopter Selection Factors:

- Closest forces
- Cost effectiveness
- Performance specifications for density altitude/high altitude operations
- Carded and contracted for local or emergency use
- Special applications such as helitorch,fixed tank, long line, etc.
- Daily availability based on expected duration of assignment and projected use

Type 1 and 2 helicopters are available under National Contract and will be requested through the GACC by ICS type and specifications.

CWN Inspection Criteria

All DOI helicopters are solicited and inspected by the OAS. The OAS and Forest Service will honor each other's inspection certifications. If the aircraft is not used immediately, it must be reinspected by the Project Inspector for contract compliance prior to use. This inspection includes checking all required equipment for installation and function. In addition, the log book will be reviewed to see that the aircraft has not been damaged and that it is in compliance with required inspections (10-hour, annual, etc.).

Forest Service

A listing of pilots and aircraft carded for the current year are kept at the GACC.

Forest Service requests for CWN aircraft will be placed to the appropriate GACC. The GACC will utilize the aircraft that best accomplishes the requested mission and provides maximum cost benefit.

The GACC will process requests for Federal Type 3 CWN helicopters directly with the vendor. Type 1 and 2 helicopters are available under National Contract and will be requested through the GACC by ICS type and specifications. For project or emergency hire the Unit must identity the manager's name in "Special Needs". The helicopter and manager will be married up at a non-fire incident location.

The GACC will process requests for Federal aircraft directly with the fixed wing vendor. Forest Service requests for CWN aircraft will be placed to the appropriate GACC. The Unit must identify the ATGS or aerial observer name in "Special Needs".

When the aircraft are being used for fire detection the last three characters of the FAA registration number will be used as the call sign.

Forest Aviation Officers are responsible for insuring all Flight/Aircraft Use Report (FS 122s) are submitted into the ABS system for CWN aircraft used on their Forests. All payments will be processed through Aviation Business System (ABS) web site. CWN Managers are responsible for providing performance evaluation forms to the GACC Aviation Coordinator for payment management in ABS.

For all non-fire projects a copy of the Project Aviation Safety Plan needs to be provided to the Unit and GACC by the Project Manager.

CWN Helicopter Modules – Federal

Call When Needed (CWN) helicopters will be managed by a qualified module when assigned for incident use. For project work, a qualified helicopter manager (HMGB) will be assigned as a minimum on federally hired CWN helicopter contracts.

Module Requirements:

HELICOPTER TYPE	FAA STANDARD/ TRANSPORT CATEGORY	FAA STANDARD Category Temporarily Designated for **Limited Use**	FAA Category Permanently Designated for **Limited Use** or FAA Restricted Category
1	**Manager *** plus four (4) Helicopter Crew Members**	Manager * Only	Manager * Only
2	**Manager *** plus three (3) Helicopter Crew Members	Manager * Only	Manager * Only
3	**Manager *** plus two (2) Helicopter Crew Members	Manager * Only	Manager * Only

*If the intended use is for Forest Service or DOI initial attack, the helicopter manager request must specify that a fitness level of arduous is required. Any other qualification requirements (ICT4, etc.) must also be specified in Special Needs. Remember to specify where the HMGB and helicopter are going to marry-up, also notated in Special Needs.
** Forest Service no longer allows passenger transport in Type 1 helicopters with the exception of authorized military helicopters.

Large Transport Aircraft – Federal

Large transport aircraft are used to mobilize and demobilize large volumes of overhead, crews, equipment and supplies nationally and internationally.

Large transport aircraft are National Resources and requests are filled at the national level (NICC) after the request has been initiated at the GACC, by the Aircraft Coordinator. The GACCs will place these requests with NICC at least 48 hours before the flight is needed.

Aircraft and Base Information Tables

AERIAL SUPERVISION AIRCRAFT

AIR ATTACK	UNIT	BASE/FAA ICAO
05	KNF	Siskiyou - SIY
06	LNF	Chester - O05
07	LPF	Santa Maria - SMX
12	BDF	San Bernardino - SBD
15	SNF	Fresno - FAT
17	TNF	Grass Valley - GOO
51 N	ANF	Fox Field - WJF
110	MEU	Ukiah - UKI
120	HUU	Rohnerville - FOT
140	LNU	Sonoma - STS
210	BTU	Chico - CIC
230	NEU	Grass Valley - GOO
240	RDD	Redding - RDD
310	RRU	Hemet/Ryan - HMT
330	MVU	Ramona - RNM
340	SLU	Paso Robles - PRB
410	TUU	Porterville - PTV
440	TCU	Columbia - O22
460	BEU	Hollister - CVH
500	CDF	McClellan - MCC
501	CDF	McClellan - MCC
503	CDF	McClellan - MCC
504	CDF	McClellan - MCC
505	CDF	McClellan - MCC
507	ONC	Redding - RDD
509	ONC	Redding - RDD

LEAD Number	Pilot	LOCATION	STATUS
5-0	Vacant	Redding	
5-1	Vacant	Redding	
5-2	Vacant	Fox Field	
5-3	Vacant	Fox Field	
5-4	Wendy Gima	Redding	T
5-5	Travis Strahan	Redding	Q/M/V
5-6	Vacant	Fox Field	
5-7	Vacant	Fox Field	
5-8	Dave Spliethof	Redding	Q/M/S/V
5-9	Vacant	Redding	
C-1	Robert Coward	CAL FIRE	Q/M/V
C-2	Vacant	CALFIRE	
C-3	Rick Haagenson	CAL FIRE	Q/M/V

Q = Qualified	M = MAFFS Lead	T = Trainee	C = Check Airman
I = Instructor	S = Smokejumper Pilot	H = Cobra Helicopter	V = VLAT Lead
N= Night Ops			

AIRTANKER BASES

AIRTANKER NUMBER	BASES	AGENCY	A/C APPROVED*
	Castle (MER)	USFS	S2, L, S, M, V
	Chester (O05)	USFS	S2, L, S
T-93	Chico (CIC)	CAL FIRE	S2, L, M, S
T-82, T-83	Columbia (O22)	CAL FIRE	S2, S
	Fresno (FAT)	USFS	S2, L, S, M
T-88, T-89	Grass Valley (GOO)	CAL FIRE	S2, S
T-72, T-73	Hemet/Ryan (HMT)	CAL FIRE	S2, S
T-80	Hollister (CVH)	CAL FIRE	S2, S
	Klamath Falls, OR (LMT)	USFS	S2, L, S, M
	Lancaster (WJF)	USFS	S2, L, S
T-74, T-75	Paso Robles (PRB)	CAL FIRE	S2, L, S, M
T-76, T-78	Porterville (PTV)	USFS/CAL FIRE	S2, L, S
T-70, T-71	Ramona (RNM)	CAL FIRE	S2, S
T-94, T-95	Redding (RDD)	CAL FIRE/USFS	S2, L, S
T-96	Rohnerville (FOT)	CAL FIRE	S2, L, S
	San Bernardino (SBD)	USFS/BLM	S2, L, S, M, V
	Santa Maria (SMX)	USFS	S2, L, S, M, V
T-85, T-86	Sonoma (STS)	CAL FIRE	S2, L, S
	Stead, NV (RTS)	BLM	S2, L, S, M
T-90, T-91	Ukiah (UKI)	CAL FIRE	S2, S
	RELOAD BASES		
	Alturas (AAT)	BLM	S
	Bishop (BIH)	USFS/BLM	S2, L, S
	Brown Field (SDM)	CAL FIRE	S2, L, S
	Channel Islands (NTD)	CAL FIRE	S2, L, M, S
T-100	McClellan (MCC)	CAL FIRE	S2, L, M, V, S
	Siskiyou (SIY)	USFS	S2, L, S

*Aircraft Approved Legend:
S2=CAL FIRE Air Tanker, L=Large Air Tanker (LAT), S=Single Engine Air Tanker (SEAT), M=MAFFS, V=Very Large Air Tanker (VLAT)

Additional reload bases may be approved.

MAFFS OPERATING BASES

GACC	AIRPORT NAME	LOCATION	REMARKS
Southern California	Castle	Atwater	R/H
	Fox	Lancaster	R
	Fresno Air Terminal	Fresno	R limit 4 Aircraft
	NTD Channel Islands ANGS	Ventura	H/F Portable Retardant Plant
	Paso Robles Base	Paso Robles	R
	San Bernardino International	San Bernardino	R/H/F Portable Retardant Plant
	Santa Maria	Santa Maria	R
Northern California	Chico	Chico	R
	McClellan ATB	Sacramento	H/F Portable Retardant Plant
Southern Oregon	Kingsley Field	Klamath Falls, OR	R/H/F
Great Basin	Reno/Stead	Reno, NV	R

R= Reload, H= Hubb, F=Full Activiation

Additional reload bases may be approved.

HELICOPTERS

Aircraft are assigned numbers and are prefixed in California with the word “Copter". Helicopters from other regions, may use the word “Helicopter”.

FEDERAL

Helicopter Number	Forest/Agency	Base
502R	Klamath - KNF	Scott Valley – A30
503	Klamath - KNF	Happy Camp – 36S
506	Shasta - Trinity - SHF	Trinity – TRI
510	Lassen - LNF	Chester – 5Q2
512	Plumas - PNF	Quincy – 72CA
514	Tahoe - TNF	Grass Valley – GOO
516	Eldorado - ENF	Pacific – PAC
517	Stanislaus - STF	Bald Mt – 76CA
520R	Sierra - SNF	Trimmer – TRM
522	Sequoia - SQF	Peppermint – PMT
523	Sequoia - SQF	Kernville – L05
525	Inyo - INF	Independence – 207
527	Los Padres - LPF	ArroyoGrande – ARG
528	Los Padres - LPF	Santa Ynez – IZA
530	Los Padres - LPF	Chuchupate – CHU
531N	Angeles - ANF	Palmdale – PMD
534	San Bernardino - BDF	Heaps Peak – HPS
535	San Bernardino - BDF	Keenwild – KEN
538	Cleveland - CNF	Ramona – RMN
551	Yosemite - YNP	Crane Flat – CFL
552	Sequoia NP - KNP	Ash Mountain – 2CA0
553	BLM Susanville - NOD	Ravendale – RAV
554	BLM CA Desert - CDD	Apple Valley – 10CA

R= Rappel N=Night Ops

Heavy Bases	Forest/Agency	Base
Type 1L	San Bernardino - BDF	San Bernardino – SBD
Type 1L	Cleveland - CNF	Kitchen Creek – 00CN
Type 1L	Sierra – SNF	Fresno – FAT
Type 1L	Los Padres – LPF	Casitas - CAS
Type 1L	Placerville - PVF	Pacific – PAC
Type 1L	Lassen -LNF	Chester – 5Q2
Type 1L	Klamath - KNF	Siskiyou – SIY
Type 1L	Tahoe - TNF	Truckee – TRK
Type 1L	Sequoia – SQF	Porterville – PT
Type 1L	Inyo – INF	Bishop - BIH

CAL FIRE

Helicopter Number	Agency/Unit	Base
101	CAL FIRE Northern Ops - MEU	Howard Forest - HFS
102	CAL FIRE Northern Ops - HUU	Kneeland - O19
104	CAL FIRE Northern Ops - LNU	Boggs Mountain - BGS
106	CAL FIRE Northern Ops - SCU	Alma – ALM
202	CAL FIRE Northern Ops - LMU	Bieber - BBR
205	CAL FIRE Northern Ops - TGU	Vina - VNA
301	CAL FIRE Southern Ops - RRU	Hemet/Ryan - HMT
305	CAL FIRE Southern Ops - BDU	Prado - PDO
404	CAL FIRE Southern Ops - TCU	Columbia - O22
406	CAL FIRE Southern Ops - BEU	Bear Valley – BVH

CAL FIRE CONTRACT COUNTIES

Helicopter Number	Agency/Unit	Base
ORC 1 T2S	Orange County Fire – ORC	Fullerton - FUL
ORC 2 T2S	Orange County Fire – ORC	Fullerton - FUL
ORC 3 T2S	Orange County Fire – ORC	Fullerton - FUL
ORC 4 T2S	Orange County Fire – ORC	Fullerton - FUL
HT 739 T1L	Los Angeles County Fire – LAC	LAC helicopters rotate between three helibases: Brackett Field – POC Barton Heliport – PAI Camp 8 Heliport – CL72 (located in Malibu)
Copter 15 T1S	Los Angeles County Fire – LAC	
Copter 16 T1S	Los Angeles County Fire – LAC	
Copter 19 T1S	Los Angeles County Fire – LAC	
Copter 10 T2S	Los Angeles County Fire – LAC	
Copter 11 T2S	Los Angeles County Fire – LAC	
Copter 12 T2S	Los Angeles County Fire – LAC	
Copter 14 T2S	Los Angeles County Fire – LAC	
Copter 17 T2S	Los Angeles County Fire – LAC	
Copter 18 T2S	Los Angeles County Fire – LAC	
VNC 6 T2S	Ventura County Fire – VNC	Camarillo - CMA
VNC 7 T2S	Ventura County Fire – VNC	Camarillo - CMA
VNC 8 T2S	Ventura County Fire – VNC	Camarillo - CMA
VNC 9 T2S	Ventura County Fire – VNC	Camarillo - CMA
SBC 308 T2S	Santa Barbara County Fire – SBC	Santa Ynez - IZA
SBC 309 T2S	Santa Barbara County Fire – SBC	Santa Ynez - IZA
KRN 407 T2S	Kern County Fire – KRN	Keene Summit
KRN 408 T2S	Kern County Fire – KRN	Mettler Fire Station

Chapter 60 – Predictive Services

Intelligence Reporting Procedures

The main function of the Intelligence Unit is to provide up-to-date, real-time information to management staff regarding active incidents (wildfire suppression and/or managed fire), fire weather conditions, and resource allocations and availability.

Each GACC must rely on the Units to report certain information that enables compliance with national and state requirements. The ECCs will use established procedures in the daily reporting of shared resources. GACCs will maintain a list of days off for crews and airtankers. It is the responsibility of the Unit controlling the resource to advise the GACCs of any change in available status.

Federal Daily 1000 am Report

Resource status will be updated continually using ROSS. GACC Intelligence offices will use ROSS/Cognos reports for collection of federal resource status for the 1000 am report.

The 1000 ROSS/Cognos report will include:

- Number of Engines, Dozers, Water Tenders, Types 1, 2IA and 2 hand crews, with current ROSS status.

By 1100 hours each day during fire season, GACC Intelligence offices will compile and post to the GACC Intel webpage the Daily report which documents current resource status.
Available for ONCC at: https://gacc.nifc.gov/oncc/intel.php
Available for OSCC at: https://gacc.nifc.gov/oscc/intel.php

Situation Report

Interagency Situation Reporting

Daily: Issued daily, except when the unit is not staffed, such as off-season weekends or holidays.

The Interagency Situation Report (Sit Report) program captures incident activity and resources status information in a brief summary intended for use by fire managers. Once the information has been submitted via FAMWEB application, it is used at the local, regional and national levels as a decision-making tool and to produce summary reports.

GACC Intelligence staff will ensure that all of their dispatch centers have submitted completed Sit Reports daily by 1700 hours, except when the unit(s) or GACC is not staffed; caught up the next regular work day. Although California submits the Sit Report year round, the NICC Intelligence staff will retrieve situation reports only when the National Preparedness Level is 2 or higher.

Access to the input side of the Sit Report program can be obtained by calling the GACC Intelligence Coordinator for your area. The GACC's have edit access to all of their respective Units' Sit Report data. NICC has edit access to all Units' Sit Report data and bases the National Incident Management Situation Report (IMSR) on this information.

By 1700 hours, units will report the following information into the Sit Report

- Unit Preparedness Levels
- Daily Fire Statistics
- Planned Prescribed (Rx) Fires
- Dispatch Center Remarks:
  - Brief summary of current situation
  - Predicted NFDRS adjective ratings
  - On-call dispatcher
- Year-To-Date (YTD) Statistics
- Dispatch office incident priority

For more specific reporting requirements and program instructions, reference the Sit Report User's Guide at :
https://www.predictiveservices.nifc.gov/intelligence/Situation_Report_User_Guide_2017.pdf

Incident Status Summary (ICS-209) Form

The GACC will ensure that information in the 209 Program is current for use in the Sit Report.

The Incident Status Summary (ICS-209) is submitted to the GACC through a web-based application. Specific instructions for completing the web-based ICS-209 are available at:
https://www.predictiveservices.nifc.gov/intelligence/ICS-209_User_Guide_3.0_2017.pdf
For fire size and class, refer to the link found in the California Interagency Mobilization Guide, Appendix A.

Units or Incidents should submit ICS-209 forms according to the following:

a. Initial ICS-209:
   1. When a fire in timber reaches 100 acres or grass/brush reaches 300 acres.
      OR
   2. Non-Fire incident, commitment of Type 1 or Type 2 IMT.
      OR
   3. Significant commitment of national resources (Aircraft, Federal Type 1 crews, Smokejumpers)
      OR
   4. When an incident is determined to be a wildfire managed for resource objectives, regardless of size
      OR
   5. At discretion of GACC and/or CalMAC (based on resource commitment)

b. ICS-209 Update:
   1. The submitting of the ICS-209 to once per day may be negotiated between the GACC and the incident with the possible triggers:
      - Incident moves from a Type 1 or 2 to a Type 3 or 4.
      - No foreseen growth of the incident.
      - All action is limited to one shift per day.

AND/OR

2. Upon special request by CalMAC.
   OR
3. Wildfires managed for resource objectives will be submitted daily, at 1800 hours

c. Final ICS-209:
   1. When less than 15 single resources remain assigned to an incident, OR
   2. When the incident no longer has any significant effect on agency resource availability.
d. Twice during each established operational period by 0600 and 1800 hours. May be negotiated to once a day with concurrence from IC, Agency Administrators, Unit Chief and GACC.

Complex

Wildland fires within a complex should be aggregated and included on one ICS-209. A complex is two or more individual incidents located in the same general proximity, which are assigned to a single incident commander or unified command. The following complex reporting business practices for ICS-209 and IRWIN must be followed.

- The complex parent is a unique record and is not a converted wildland fire incident record.

- The complex parent record should be created in an IRWIN recognized CAD system, or as an individual ICS-209. The parent incident shall include the word "Complex" and not be named from an existing fire.

- Individual child incidents can be added to a complex within the 209 program as either preexisting ICS-209 incidents or as individual IRWIN incidents created from another IRWIN recognized application using the 'Complex by Incident' button in block 7 of the 209 data entry screen. Finalize an existing ICS-209 child incident prior to associating the incident to the parent Complex.

- Incidents that do not have a unique IRWIN record cannot be added to the complex using the 'Complex by Incident' button.

- If an incident is removed from the complex, it may resume ICS-209 reporting as an individual incident if appropriate, using normal ICS-209 reporting guidelines.

Incident Map

Incidents should send incident map data directly to the GACC (electronically if possible) as soon as it becomes available, and as it is updated.

Monthly Fire Report

At the end of each month all National Forests will tabulate the total number of fires and acres burned that month. The totals will be transmitted to the respective GACC, on the forms provided, by the second day of each month.

Interagency Intelligence Report
The Interagency Intelligence Report will include a synopsis on current overall status within the GACC, a section on the general weather forecast for the day, and an extended weather outlook for the next 2-4 days. This report will also include sections detailing each significant incident within the GACC. These sections will give a brief incident summary of individual incidents and the resources committed to them. This report will be compiled from the most current information available and will be electronically shared with cooperating agencies by 1200 hours each day during large fire activity.
Each GACC's Predictive Services will utilize a Fire Behavior Analyst (FBAN) for preparing a Fuels and Fire Behavior Advisory.

Predictive Services Weather
Weather and fire danger products and a variety of other tools are often utilized to make fire management decisions. Many of these products, including firefighter pocket cards, are based on the data maintained in historical fire occurrence and weather databases. In order to make these products as accurate as possible, fire management staff will ensure weather station and fire history data are entered correctly and accurately into the appropriate databases in a timely manner. The importance of these systems will be reiterated at fire management meetings, training sessions and through email systems.

Daily issuance of the 7-Day Significant Fire Potential product:
Each GACC's Predictive Services will produce a "7-Day Significant Fire Potential" product daily. This will be posted on the Predictive Services Weather web pages by 1030.

North GACC website at:
http://psgeodata.fs.fed.us/forecast/#/outlooks?state=forecast&gaccId=4&forecastDay=2015-11-05&forecastInView=2015-11-05
South GACC website at:
http://psgeodata.fs.fed.us/forecast/#/outlooks?state=forecast&gaccId=8&forecastDay=2015-11-05&forecastInView=2015-11-05
Reference the National Interagency Mobilization Guide (NMG) Chapter 60, for content and format. http://www.nifc.gov/nicc/mobguide/index.html

Seasonal Outlooks:
The Monthly/Seasonal Outlooks will be completed by each GACC and submitted to NICC three days prior to the end of each month. It is due monthly year-round. These products are produced separately at North Ops but have been consolidated into one product at South Ops.

North Ops:
https://gacc.nifc.gov/oncc/predictive/outlooks/Outlook_NOps.pdf
Hawaii Monthly Outlook:
https://gacc.nifc.gov/oncc/predictive/outlooks/Outlook_HI.pdf
South Ops:
http://gacc.nifc.gov/oscc/predictive/outlooks/myfiles/assessment.pdf
National:
http://www.nifc.gov/nicc/predictive/outlooks/monthly_seasonal_outlook.pdf

Monthly Zone/Regional Fire Report:
Each GACC will compile their respective forests' fires and acres tabulations for the preceding month and develop the monthly geographic area fire report for their area. North Ops Predictive Services will electronically transmit their report to South Ops Predictive Services/Intelligence for compilation of the two Geographic Area reports into the Regional Monthly Fire Report. Upon completion of this regional report by South Ops Predictive Services a copy will be transmitted to the Regional Office as well as to North Ops Predictive Services. Each GACC's Predictive Services Section will be responsible for electronically transmitting this report to their respective Units.

Smoke Transport and Stability Outlooks:
Each Predictive Services Unit will produce daily a "Smoke Transport and Stability Outlook". These products can be found at:
North Ops: http://gacc.nifc.gov/oncc/predictive/weather/daily_smoke/Smoke.html,
South Ops: http://gacc.nifc.gov/oscc/predictive/weather/daily_smoke/Smoke.pdf
These are to be posted on the websites by 1230.

Fuels/ Fire Danger Products:
The GACCs Predictive Services sections will update the 100 Hr and 1000 Hr dead fuel moisture charts as well as the ERC charts on a weekly basis for various severity weather stations within the GACC as well as for each Predictive Service Area (PSA). They are posted at the following locations:

ONCC Predictive Services website at: http://gacc.nifc.gov/oncc/predictive/fuels_fire-danger/index.htm
OSCC Predictive Services website at: http://gacc.nifc.gov/oscc/predictive/fuels_fire-danger/index.htm

NFDRS RAWS Maintenance Based on Preparedness Level:
The following is a matrix describing preparedness level driven actions authorized and action required in
maintaining RAWS utilized for NFDRS based products and decision processes.

Item	*ACTION DESCRIPTION*	*Preparedness Levels*				
	NFDRS RAWS: Year Round - PSA – Pocket Card Stations	**1**	**2**	**3**	**4**	**5**
U1	Stations meet NFDRS maintenance standards and siting guidelines	AR	AR	AR	AR	AR
U2	All days with available RAWS data for regular scheduled (R/S) observation times will be "published" in WIMS	AR	AR	AR	AR	AR
U3	All annual maintenance completed as early in the field season as possible (prior to WIMS "greenup" is preferred) and maintenance is documented in WFMI	AR	AR	AR	AR	AR
U4	Identify and troubleshoot data errors within 48 hours	AR	AR	AR	AR	AR
U5	Adhere to the 3-day response time to system failures in fire season - NFDRS STANDARD	AR	AR	See U6 & U7	See U6 & U7	See U6 & U7
U6	Adhere to 24-hour response time to identify, troubleshoot, and process a RAWS Depot/vendor replacement order			AR	AR	AR
U7	Adhere to 24-hour response time to replace or make repairs after receiving the RAWS Depot/vendor replacement order			AR	AR	AR
FS-1	If Forest Service items (U1- U7) are not at required level, the Regional RAWS Coordinator is authorized to secure annual maintenance and/or system failures maintenance at Forest expense.		AR	AR	AR	AR

Item FS-1 is Forest Service specific. Items U1-U7 applies to all agencies.
AR = Action Required AA=Action Authorized

Internet Sites:
Sit Report and ICS 209: http://fam.nwcg.gov/fam-web/
GACC Intelligence: http://gacc.nifc.gov/oncc/predictive/intelligence/index.htm
http://gacc.nifc.gov/oscc/predictive/intelligence/index.htm

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Chapter 70 – GACC and Emergency Directory

Quick Reference

The Quick Reference is only the California GACCs/ECCs. For agencies not listed or for specifics, see the following complete listing.

Northern California

CENTER	24 HR	ON CALL	PHONE		FAX
North Ops (ONCC)		X	Federal	530-226-2800	530-226-2742
	X		State	530-224-2466	530-224-4308
Camino (CICC)		X	Federal	530-644-0200	530-647-5279
	X		State	530-647-5220	530-647-5283
Felton (CZCC)	X		State	831-335-6719	831-335-0624
Fortuna (FICC)		X	Federal	707-726-1266	707-726-1265
	X		State	707-726-1280	707-726-1265
Grass Valley (GVCC)		X	Federal	530-477-7237	530-477-5203
	X		State	530-477-0641	530-477-5203
Howard Forest (MECC)	X		State	707-459-7403	707-459-7405
Mendocino(MNFC)		X	Federal	530-934-7758	530-934-2326
Modoc (MICC)		X Night	Federal Duty Cell	530-233-8880 530-640-1868	530-233-8889
Morgan Hill (SCCC)	X		State	408-201-0490	408-778-6149
Oroville (BTCC)	X		State	530-538-6841	530-538-6873
Plumas (PNFC)		X	Federal	530-283-0193	530-283-7851
Red Bluff (TGCC)	X		State	530-529-8542	530-529-8539
Redding (RICC)		X	Federal	530-226-2499	530-241-4807
	X		State	530-225-2411	530-241-4807
Saint Helena (LNCC)	X		State	707-963-4112	707-963-4013
Susanville (SIFC)		X	Federal	530-257-5575	530-257-7149
	X		State	530-257-5575	530-257-7149
Woodacre (MRCC)	X		County	415-473-6717	415-473-7820
Yreka (YICC)		X	Federal	530-842-3380	530-842-6953
	X		State	530-842-7066	530-842-6953

Southern California

CENTER	24 HR	ON CALL	PHONE		FAX
South Ops (OSCC)		X	Federal	951-276-6725	951-782-4900
	X		State	951-782-4169	951-782-4900
Angeles (ANCC)	X		Federal	661-723-3620	661-723-2710
Ash Mountain (SQCC)		X	Federal	559-565-3164	559-565-3797
Berdo (BDCC)	X		State	909-883-1112	909-881-6970
Inyo (OVCC)		X	Federal	760-873-2488	760-873-2459
Kern (KRCC)	X		County	661-324-6551	661-324-6557
L.A. County (LACC)	X		County	323-881-2455	323-266-6925
Los Padres (LPCC)		X	Federal	805-961-5727	805-961-5797
Mariposa (MMCC)	X		State	209-966-3621	209-966-7527
Monte Vista (MVIC)	X		Federal	619-557-5262	619-557-6935
	X		State	619-401-7787	619-590-3196
Monterey (BECC)	X		State	831-647-6241	831-333-2655
Orange (ORCC)	X		County	714-538-3501	714-368-8830
Perris (RRCC)	X		State	951-940-6949	951-657-3191
Porterville (CCCC)		X	Federal	559-781-5780	559-781-3320
San Andreas (TCCC)	X		State	209-754-0675	209-754-1723
San Bernardino (SBCC)	X		Federal	909-383-5651	909-383-5587
San Luis (SLCC)	X		State	805-593-3451	805-543-6909
Santa Barbara (SBDC)	X		County	805-692-5723	805-692-5725
Sierra (SICC)	X		Federal	559-500-4546	559-348-0239
Fresno (FKCC)	X		State	559-294-6818	559-292-0368
Stanislaus (STCC)		X	Federal	209-532-3786	209-533-1892
Ventura (VNCC)	X		County	805-388-4279	805-383-7631
Visalia (TUCC)	X		State	559-636-4172	559-732-4986
Yosemite (YPCC)		X	Federal	209-379-1999	209-379-2728

Miscellaneous

CENTER	PHONE	FAX
Northern California National Interagency Support Cache (NCK)	530-226-2850	530-226-2854
Southern California National Interagency Support Cache (LSK)	909-947-3091 Menu item 3	909-947-6391
CAL OES Warning Center	916-845-8911	916-845-8396
National Interagency Coordination Center (NICC)	208-387-5400	208-387-5663/5414
Great Basin Coordination Center (GBCC)	801-531-5320	801-531-5321
Northwest Coordination Center (NWCC)	503-808-2720	503-808-2750
Southwest Coordination Center (SWCC)	505-842-3473	505-842-3801

Chapter 70
GACC Directory

GACCs (Geographic Area Coordination Centers) Fire Directory – Quick Reference

National Interagency Coordination Center	**Telephone:**	**(208) 387-5400**
(NICC)	Fax:	(208) 387-5663
	Fax:	(208) 387-5414
	Email:	cod@blm.gov
	Web Site:	http://www.nifc.gov/news/nicc.html
Alaska Interagency Coordination Center	**Telephone:**	**(907) 356-5680**
(AICC)	Fax:	(907) 356-5678
	DMS:	akaccmob@dms.nwcg.gov
	Web Site:	http://fire.ak.blm.gov/
Eastern Area Coordination Center	**Telephone:**	**(801)-531-5320**
(EACC)	Fax:	(801)-531-5321
	Intel Fax:	(414) 944-3839
	Email:	wieacc@fs.fed.us
	Web Site:	http://gacc.nifc.gov/eacc/
Great Basin Coordination Center	**Telephone:**	**(801) 531-5320**
(GBCC)	Fax:	(801) 531-5321
	DMS:	utebcmob@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/gbcc/
Northern California Coordination Center	**Telephone:**	**(530) 226-2800**
(ONCC)	Fax:	(530) 226-2808
	DMS:	caoncmob@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/oncc/
Northern Rockies Coordination Center	**Telephone:**	**(406) 329-4880**
(NRCC)	Fax:	(406) 329-4891
	DMS:	mtnrc@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/nrcc/
Northwest Area Coordination Center	**Telephone:**	**(503) 808-2720**
(NWCC)	Fax:	(503) 808-2750
	DMS:	ornwc1@gmail.com
	Web Site:	http://www.nwccweb.us/

Rocky Mountain Coordination Center (RMCC)	**Telephone:**	**(303) 445-4300**
	Fax:	(303) 445-4319
	DMS:	cormc@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/rmcc/
Southern Coordination Center (SACC)	**Telephone:**	**(678) 320-3000**
	Fax:	(678) 320-3036
	DMS:	smob@fs.fed.us
	Web Site:	http://gacc.nifc.gov/sacc/
Southern California Coordination Center (OSCC)	**Telephone:**	**(951) 276-6725**
	Fax:	(951) 782-4900
	DMS:	caoscob@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/oscc/\
Southwest Coordination Center (SWCC)	**Telephone:**	**(505) 842-3473**
	Fax:	(505) 842-3801
	DMS:	nmswcmob@dms.nwcg.gov
	Web Site:	http://gacc.nifc.gov/swcc/

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NATIONAL

USFS Fire & Aviation Management		
1400 Independence Avenue SW Mail Stop 1107 Washington, DC 20250-0003	Business: 208-387-5400 Business: 208-205-0891 Fax: 703-605-1401	
NAME/TITLE	**OFFICE**	**CELL**
Legarza, Shawna Director	202-205-0808	
Vacant Deputy Director	202-205-0888	
Olsen, Dan Deputy Director	202-205-1410	
Assistant Director, Wildland Fire Operations	202-387-5605	
Reinhardt, Elizabeth Assistant Director, Fuels & Fire Ecology	208-205-1501	
Dague, Dale (Acting) Assistant Director, Partnerships & National Fire Plan	208-205-1503	
Vacant Assistant Director, Planning & Budget	208-205-1664	
Hinaman, Art Assistant Director, Aviation	208-205-1505	
Sterling, Gary Assistant Director, Risk Management	208-387-5614	
Sutton, Larry Wildland Fire Ground Safety Specialist	208-387-5970	
Vacant National Aviation Safety & Training Manager	208-387-5607	

National Interagency Coordination Center (NICC)		
3833 S. Development Avenue Boise, ID 83705-5354 COD@nifc.blm.gov	Business: 208-387-5400 After Hours: 208-387-5400 Flight Following: 800-994-6312 Fax: 208-387-5663 Fax: 208-387-5414	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Center Manager	208 -387-5662	
Peterson, Sean Assistant Center Manager (BLM)	208-387-5418	
Fletcher, Bill Assistant Center Manager (FS)	208-387-5656	
Vacant Intelligence Officer	208-387-5093	
Luttrell, Karla Emergency Operations Coordinator	208-387-5661	
Hendren, Dave Emergency Operations Coordinator	208-387-5657	
Simontacchi, Jarrod Emergency Operations Coordinator	208-387-5654	
Squires, Rick Emergency Operations Coordinator	208-387-5655	
Delgado, Ed Fire Weather Program Manager	208-387-5451	
Henry, Bryan Fire Weather Assistant Program Manager	208-387-5449	
Sullens, Jeremy Fire Analyst	208-387-55439	

Office of Aviation Services		
Office of Aviation Services 300 E. Mallard Dr. Ste 200 Boise, ID 83706-3991	Business: 208-433-5000 Commercial: 888-464-7427 Fax: 208-433-5007	
NAME/TITLE	**OFFICE**	**CELL**
Bathrick, Mark Associate Director	208- 433-5001	
Getchell, Ralph Chief, Division Of Tech Service	208- 433-5077	
Gividen, John "Rick" Chief, Branch Of Training	208- 433-5090	
Koeckeritz, Brad Training Specialist	208- 433-5091	
Vacant Training Specialist	208- 433-5092	
Johnston, Vicki Flight Coordinator Center, Western Regional Office	208- 334-9314	
Carter, Joshua Chief, Branch Of Acquisition	208- 433-5025	

FOREST SERVICE

Pacific Southwest Regional Office (RO5)		
1323 Club Drive Vallejo, CA 94592 ilastname@fs.fed.us	Business: 707-562-8984 After Hours: 530-226-2800 (NOPS) Fax: 707-562-9048	
NAME/TITLE	**OFFICE**	**CELL**
Baird, Robert Director, FAM	707-562-8925	202-906-0742
Schow, Chris Deputy Director, FAM	707-562-8925	209-662-8246
Thomas, Yolie Assistant Director, Incident Business Ops	707-562-8835	707-980-3956
Noel, Mike Fire Operations Safety & Risk Mangement	707-562-8958	530-768-4059
Vacant Assistant Director, Strategic Services	707- 562-8926	
Richter, Stew Assistant Director for Workforce Development & Training	707-562-8851	530-941-0499
Saldana, Yolanda Aviation Safety Officer	916-640-1038	505-362-7019
Vacant Assistant Director, Cooperative Fire & Regional ES4 Coordinator	707-562-9184	
Griffith, Rob Assistant Director, Fuels	707-562-8695	916-201-1972
Zahn, Sue Contract Logistics Specialist	909-382-2786	951-5146

Regional Office - Law Enforcement

1323 Club Drive Vallejo, CA 94692 Sharris02@fs.fed.us	Business: 707-562-9128 After Hours: 805-588-2892 Fax: 707-562-9031

NAME/TITLE	OFFICE	CELL
Harris, Scott Special Agent In Charge	707-562-9125	707-410-6638
Necaise, Laurie Assistant Special Agent In Charge (Acting)	530-841-4524	530-598-4193
Jordan, Pete Assistant. Special Agent In Charge	707-562-8662	707-980-2572
Delbon, Kent Asst. Special Agent In Charge	707-562-8649	707-410-6099
Hoang, Don North Patrol Commander	707-562-8647	805-588-2892
Wears, Rita South Patrol Commander	909-599-1267 X 246	626-506-5023
Vacant Program Support Assistant, Regional Office	707-562-8720	
Walker, Gregory Program Support Assistant, Regional Office	707-562-9127	
Rivera, Heather Program Support Assistant, Regional Office	707-562-8646	
Gabriel, Debby Program Analyst, Regional Office	707-562-8645	707-980-3603
Shirley, Jennie Staff Assistant, Regional Office	707-562-9128	707-980-516

Regional Aviation Group - McClellan

USDA Forest Service 3237 Peacekeeper Way Bld 200 McClellan, Ca. 95652 ilastname@fs.fed.us	Business: 916-640-1000 After Hours: 530-226-2800 (NOPS) Fax: 916-640-1090

NAME/TITLE	OFFICE	CELL
Vacant Regional Aviation Officer	916-640-1033	
Ketel, Phil Regional Helicopter Program Manager	916- 640-1034	209 304-4302
Saldana, Yolanda Regional Aviation Safety Officer.	916- 640-1038	530- 638-6378
Silva, Steve/Aidukas, Sean Helicopter Operations Specialists	916 - 640-1033/1055	916 559-5275 916-959-3462
Arbaugh, Jim Pilot Inspector	916- 640-1035	916- 203-4583
Hoffman, Robert Regional Aviation Contracting Officer	208- 387-5681	208-866-1640

Regional Aviation Group - Fox Field

4341 William J Barnes Ave. Lancaster, CA 93536-2459 ilastname@fs.fed.us	Business: 661-723-2580 After Hours: 661-723-2703 After Hours: 661-723-3620 Fax: 661-723-2581

NAME/TITLE	OFFICE	CELL
Litton, John Southern California Aviation Unit Manager	661-723-2582	661-400-2083
Savage, Mike Pilot	661-723-2580	916-990-7878
Stigall, Sam Pilot	530-598-2576	661-902-1147
Luna, Jesse Avionic Technician	661-723-2584	661-335-2454
Curtis, Jon Maintenance Inspector	661-723-2584	916-698-8902

Regional Aviation Group - Redding

6101 Airport Road Redding, CA 96002 ilastname@fs.fed.us	Business : 530-226-2740 After Hours: 530-226-2800 (NOPS) Fax: 530-226-2713

NAME/TITLE	OFFICE	CELL
Vacant Northern California Aviation Unit Manager	530-226-2734	530-945-8033
Spliethof, David Pilot	530-226-2739	530-262-2400
Vacant Pilot	530-226-2715	
Richards, Brad Pilot	530-226-2717	530-351-4851
Strahan, Travis Pilot	530-226-2756	530-339-0970
Vacant Pilot	530-226-2741	530-300-4572
Gima, Wendi Pilot	530-226-2754	530-356-1391
Vacant Firewatch Program Manager	530-226-2735	
Mcvicker, Bill Maintenance Inspector	530-226-2736	530-941-1742
Miller, Barry Avionics Technician	530-226-2732	530-356-4324
Kubota, Stan Fixed Wing Operations Specialist	916-640-1135	530-949-9466
Tishner, Jon ATGS	530-226-2737	530-277-9261
Walters, Shawn ATGS	530-226-2517	530-339-0016
Gonzalez, Richard ATGS	530-226-2737	530-605-6376

Northern California Geographic Area Coordination Center (ONC)

Northern California Service Center (ONCC) 6101 Airport Road Redding, CA 96002 ilastname@fs.fed.us	Business: 530-226-2801 After Hours: 530-226-2800 Flight Following: 800-231-5584 Fax: 530-223-4280 Expanded Fax: 530-226-2742 Intel Fax: 530-224-4308 IA Fax: 530-222-5489 Aircraft

NAME/TITLE	OFFICE	CELL
Sanchez, Gwen Assistant Director, Northern Operations	530-226-2700	530-227-9833
Masovero, Anthony GACC Center Manager, Northern Operations	530-226-2812	530-228-9780
Stanley, Curtis Deputy GACC Center Manager, Northern Operations	530-226-2800	530-802-3219
Forni, Laurie Mobilization Coordinator	530-226-2801	530-227-9102
Heffentranger, Megan Aviation Coordinator	530-226-2800	530-227-8353
Gogna, Nate Department of Interior Coordinator	530-226-2831	916-205-5033
Dalrymple, Daren GATR/ Northern California Training Officer	530-226-2719	530-517-0480
Greene, Kerry Public Affairs Specialist	530-226-2705	530-635-0031
Sites, Keren Logisitics Coordinator	530-226-2800	530-227-9017

Redding Predictive Services Unit		
Northern California Service Center 6101 Airport Road Redding, CA 96002-9423 redding.fwx@fire.ca.gov	Business: 530-226-2730 After Hours: 530-226-2801 Fax: 530-226-2742	
NAME/TITLE	**OFFICE**	**CELL**
Belongie, Brenda Lead Meteorologist	530-226-2730	530-355-7308
Gardunio, Billy Fire Analyst Officer	530-226-2730	530-604-8643
Wachter, Brent Forecaster	530-226-2730	505-414-0227
Vacant Intelligence Coordinator	530-226-2810	
Troy Russell Intelligence Officer	530-226-2811	530-768-4943

Northern California National Interagency Support Cache (NCK)		
6101 Airport Road Redding, CA 96001 mrgarland@fs.fed.us nzfirecache@fs.fed.us	Business: 530-226-2850 After Hours: 530-226-2800 Fax: 530-226-2854	
NAME/TITLE	**OFFICE**	**CELL**
Garland, Mark Fire Cache Manager	530-226-2851	
Phelan, Sean Assistant Cache Mgr.	530-226-2856	

Southern California Geographic Area Coordination Center (OSC)

2524 Mulberry Street Riverside, CA 92501 ilastname@fs.fed.us Flight Plans: osc-aviation@fs.fed.us	Business: 951-276-6721 After Hours: 951-276-6725 Flight Following: 800-995-3473 Nigh Aviation: 951-320-2093 Fax: 951-782-4900 Business Fax: 951-774-0147 Expanded Fax: 951-320-2069 Aircraft

NAME/TITLE	OFFICE	CELL
Skelton, Randy Assistant Director, Southern Operations	951-320-6103	951-505-1454
Tomaselli, Jim GACC Center Manager, Southern Operations	951-320-6214	
Patterson, Brandell Deputy GACC Center Manager, Southern Operations	951-320-6109	
Salas, Manny Mobilization Coordinator	951-320-6143	951-532-2690
States, Penny Aviation Coordinator	951-32-1879	
Matarazzi, Les Department Of Interior Coordinator	951-320-6145	951-850-2948
Dinkel, Ana GATR/Southern California Training Officer	951-320-6146	951-217-6924

Southern California National Interagency Support Cache (LSK)

1310 S. Cucamonga Avenue Ontario, CA 91761-4507 ilastname@fs.fed.us	Business: 909-947-3091 Menu Item 3 After Hours: 951-276-6725 Fax: 909-947-6391

NAME/TITLE	OFFICE	CELL
Brugger, Joseph Cache Manager	909-930-3231	909-519-3105
Klyber, Veronica Asst. Cache Manager	909-930-3208	951-204-7274

Riverside Predictive Services Unit		
2524 Mulberry Street Riverside, CA 92501 Riverside.FWX@fire.ca.gov	Business: 951-782-4852 After Hours: 951-782-4169 After Hours Intel: 951-320-2079 Fax: 951-276-6439	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Program Manager	951-782-4849	
Shameson, Matt Forecaster	951-782-4850	951-751-9047
Krohn, Rob Forecaster	951-782-4848	714-313-0229
Haggerty, Kelli Intelligence Coordinator	951-320-6250	
Vacant Assistant Intelligence Coordinator	951-320-6250	

San Dimas Equipment & Development Center		
444 East Bonita Avenue San Dimas, CA 91773 mailroom/wo_sdtdc@fs.fed.us	Business: 909-599-1267 Fax: 909-592-2309	
NAME/TITLE	**OFFICE**	**CELL**
Kreyns, Kathleen Program Leader, Operations	909-599-1267 Ext 299	818-314-8404
Hamid, Melissa Assistant Director	909-929-7088	
Gonzales, Ralph Program Leader, Fire	909-559-1267 Ext 212	951-295-6576
Vacant Program Leader, Aviation	909-559-1267 Ext 253	
Wetherell, Robert Program Leader, Recreation	406-329-3935	
Zamora, Rhonda Administrative Officer	909-559-1267 Ext 250	
Messerlie, Ed Program Leader, FM/Tm	406-829-6778	
Showers Ed Program Leader, Engineering	406-329-3945	
Johnson, Kristel Support Services Program Leader	909-929-7087	909-553-2776

PACIFIC SOUTHWEST REGION FORESTS

Angeles National Forest (ANF)

Angeles ECC (ANCC) 4503 William Barnes Avenue Lancaster, CA 93536 ilastname@fs.fed.us	Dispatch Center: 661-723-3620 Expanded Dispatch: Supervisors Office: Fax: 661-723-2710 Dispatch Fax: 661-726-4663 Expanded

NAME/TITLE	OFFICE	CELL
Garcia, Robert Forest FMO	626-574-5223	626-716-2120
Lane, John Deputy Forest FMO	661-723-2754	661-400-4283
Dunfee, Timothy Deputy Forest FMO	626-574-5285	760-920-7515
Hesbol, Edward Center Manager	661-723-2707	661-886-0526
Cardenas, Danielle Assistant Center Manager	661-723-2711	661-434-7507
Lepo, Dawn Assistant Center Manager	661-723-2718	626-388-8347
Vail, Jeffery Forest Supervisor	626-574-1613	202-657-8490

Cleveland National Forest (CNF)

Cleveland N.F. E.C.C. (MVIC) 2249 Jamacha Road El Cajon, CA 92019-4301 ilastname@fs.fed.us	Dispatch Center: 619-557-5262 Expanded Dispatch: Supervisors Office: 858-673-6180 Fax: 619-557-6935 Dispatch

NAME/TITLE	OFFICE	CELL
Rhodes, Brian Forest FMO	858-674-2980	619-318-1623
Nobles, Mike Deputy Forest FMO	858-674-2980	951-204-0165
Hayes, Jerilynne Center Manager	619-557-6690	619-778-1429
Miranda, Lorenzo Assistant Center Manager	619-557-5262	619-402-0075
Heier, Erin Assistant Center Manager	619-557-5262	619-729-4160
Metz, Will Forest Supervisor	858-674-2982	619-792-0503

Eldorado National Forest (ENF)

Camino Interagency ECC (CICC) 2840 Mt. Danaher Road Camino, CA 95709 cacicc@firenet.gov	Dispatch Center: 530-644-0200 Expanded Dispatch: Supervisors Office: 530-622-5061 Fax: 530-647-5279 Dispatch Fax: Expanded

NAME/TITLE	OFFICE	CELL
Kurth, Jay Forest FMO	530-621-5225	530-503-5284
Washington, Nickie Deputy Forest FMO	530-621-5237	530-409-9210
Wylie, Scott ECC Center Manager	530-647-5214	530-903-6456
Buckner, Thomas ECC Assistant Center Manager	530-644-0200	530-598-6392
Bosworth, Tyler ECC Assistant Center Manager	530-644-0200	916-580-5730
Crabtree, Laurence Forest Supervisor	530-621-5206	530-957-0804

Inyo National Forest (INF)

Owens Valley Interagency (OVCC) 351 Pacu Lane Bishop, CA 93514 ovcc@fs.fed.us	Dispatch Center: 760-873-2405 After Hours: 760-873-2488 Expanded Dispatch: 760-873-2569 Supervisors Office: 760-873-2400 BLM: 760-872-5000 Fax: 760-873-2459 Dispatch Fax: 760-872-5018 Expanded

NAME/TITLE	OFFICE	CELL
Pusina, Taro FS Interagency FMO	760-873-2507	760-784-4050
Ingram, Mark BLM Deputy Interagency FMO	760-872-5007	760-616-0006
Hein, Debra BLM Center Manager (Acting)	760-873-2575	760-914-0877
Kong, Andrew FS Assistant Center Manager	760-873-2565	760-937-2583
Mills, Ian FS Assistant Center Manager	760-873-2491	760-937-6497
Vacant Forest Supervisor	760-873-2550	

Klamath National Forest (KNF)

Yreka Interagency ECC (YICC) 1809 Fairlane Road Yreka, CA 96097 cayicc@gmail.com	Dispatch Center: 530-842-3380 Expanded Dispatch: Supervisors Office: 530-842-6131 Fax: 530-842-6953 Dispatch Fax: Expanded

NAME/TITLE	OFFICE	CELL
Appling, Mike Forest Fire Chief	530-841-4442	530-598-4142
Vacant Assistant Forest Fire Chief	530-841-4461	530-598-4142
Beavis, Eric Center Manager	530-841-4600	530-433-3376
Veal, Angie Assistant Center Manager	530-841-4600	530-598-0102
Towers, Emily Assistant Center Manager	530-841-4600	530-598-4891

Lassen National Forest (LNF)

Susanville Interagency ECC (SIFC) 2550 Riverside Drive Susanville, CA 96130 ilastname@fs.fed.us	Dispatch Center: 530-257-5575 Expanded Dispatch: Supervisors Office: 530-257-2151 Fax: 530-257-7149 Dispatch Fax: Expanded

NAME/TITLE	OFFICE	CELL
Griffin, Steve Fire Chief	530-252-6630	760-417-0728
Anderson, Steve Assistant Fire Chief	530-252-6653	530-310-3545
Erhard-Moore, Jill Center Manager	530-257-5575	530-701-0262
Vacant Assistant Center Manager	530-257-5575	530-310-3567
Hays, Dave Forest Supervisor	530-252-6600	530-310-3500

Los Padres National Forest (LPF)

Los Padres National Forest 3960 Mitchell Rd. Santa Maria, CA 93455 ilastname@fs.fed.us	Dispatch Center: 805-938-9142, Ext. 0 After Hours: 805-961-5727 Expanded Dispatch: 805-938-9142 Supervisors Office: 805-968-6640 Fax: 805-961-5797	
NAME/TITLE	**OFFICE**	**CELL**
Harris, Jim Forest FMO	805-961-5741	805-886-6142
Gipson, Jacob Deputy Forest AFMO	805-961-5722	619-204-2185
Lowe, Linda Center Manager	805-961-5727	805-441-2160
Spahr, Ben Assistant Center Manager	805-961-5727	805-451-8975
Holladay, Chad Assistant Center Manager	805-961-5727	805-458-0206
Elliott, Kevin Forest Supervisor	805-961-5778	

Mendocino National Forest (MNF)

Mendocino Dispatch (MNFC) 825 N. Humboldt Avenue Willows, CA 95988 ilastname@fs.fed.us	Dispatch Center: 530-934-7758 Expanded Dispatch: Supervisors Office: 530-934-3316 Fax: 530-934-2326 Dispatch	
NAME/TITLE	**OFFICE**	**CELL**
Coots, Curtis Fire Chief	530-934-1155	530-305-9805
Vacant Assistant Forest Fire Chief	530-934-1163	
Burrows, Germaine Center Manager	530-934-1120	530-510-1568
Vacant Assistant Center Manager	530-934-7758	
Vacant Assistant Center Manager	530-934-7758	

Modoc National Forest (MDF)

MODOC Interagency ECC (MICC) 225 West 8th Street Alturas, CA 96101 modocecc@gmail.com	Dispatch Center: 530-233-4581 or 530-233-8880 After Hours: 530-640-1868 Expanded Dispatch: Fax: 530-233-8889 Dispatch

NAME/TITLE	OFFICE	CELL
Noxon, Lance Forest Fire Chief	530-233-8813	530-412-2332
Otterson, Tyler Assistant Forest Fire Chief	530-233-8881	530-640-0442
Johnston, Charlene Center Manager	530-233-8843	530-640-0194
Main, Mark Assistant Center Manager	530-233-8818	530-640-0212
Sagaser, Will Assistant Center Manager	530-233-8885	530-640-0195
McAdams, Amanda Forest Supervisor	530-233-8700	530-802-6935

Plumas National Forest (PNF)

Plumas National Forest ECC (PNFC) 159 Lawrence Street Quincy, CA 95971 pnfecc@gmail.com	Dispatch Center: 530-283-7858 After Hours: 530-283-0193 Expanded Dispatch: Fax: 530-283-7851 Dispatch

NAME/TITLE	OFFICE	CELL
Lucas, Scott Forest Fire Chief	530-283-7830	
Vacant Assistant Forest Fire Chief	530-283-7831	
Hodnett, Kathy Center Manager	530-283-7834	707-499-3598
Smith, Lauri Assistant Center Manager	530-283-7856	
Doonan, Ric Assistant Center Manager	530-283-7858	208-241-2094

San Bernardino National Forest (BDF)

Federal Interagency ECC (SBCC) 602 S Tippecanoe Avenue San Bernardino, CA 92408 ficc@fs.fed.us	Dispatch Center: 909-383-5651 Expanded Dispatch: Fax: 909-383-5587 Dispatch

NAME/TITLE	OFFICE	CELL
Gamboa, Jaime Forest FMO	909-382-2629	909-677-6017
Nobles, Mike Deputy Forest FMO	909-382-2630	951-204-0165
Center Manager	909-382-2749	626-482-6680
Nieman, Sandy Operations Manager	909-382-2912	
Mason, Beth Operations Manager	909-382-2750	
Truett, Ashley Operations Manager	909-382-2747	
Haninger, Kathleen Operations Manager	909-382-2751	
Noiron, Jody Forest Supervisor	909-382-2710	951-315-5862

Sequoia National Forest (SQF)

Central California Interagency Communication Center (CCCC) 2750 Yowlumne Avenue, Suite B. Porterville, CA 93257 ilastname@fs.fed.us	Dispatch Center: 559-782-3120 Ext. 701 After Hours: 559-781-5780 or 559-781-5781 Fax: 559-781-3320 Dispatch Fax: 559-782-1170

NAME/TITLE	OFFICE	CELL
Skaggs, Brent Forest FMO	559-784-1500 Ext.1120	559-280-1744
Sanchez, Angela Deputy Forest FMO	559-784-1500 Ext.1121	760-608-3634
Phillips, Steve Center Manager	559-782-3120 Ext.720	559-260-6894
Moreno, Maribel Assistant Center Manager	559-782-3120 Ext.716	559-793-8559
Vacant Forest Supervisor	559-784-1500 Ext.1111	

Shasta-Trinity National Forest (SHF)

Redding Interagency ECC (RICC) 875 Cypress Ave. Redding, CA 96001 cashf/r5_shastatrinity@fs.fed.us	Dispatch Center: 530-226-2400 After Hours: 530-226-2499 Expanded Dispatch: Duty Cell: 530-524-8594 Fax: 530-241-4807 Dispatch

NAME/TITLE	OFFICE	CELL
Newburn, Ben Forest Fire Chief	530-226-2527	530-339-0024
McBath, Alex Assistant Forest Fire Chief	530-226-2391	530-604-8642
Vacant Assistant Forest Fire Chief	530-226-2383	
Luker, Mark Center Manager	530-241-9622	530-351-5718
Olson, Joni Assistant Center Manager	530-226-2400	530-526-7218
Fernandez, Roxanna Assistant Center Manager	530-226-2400	530-338-7241
Simon-Jackson, Terri Forest Supervisor	530-226-2520	

Sierra National Forest (SNF)

Sierra Interagency Command Center (SICC) 2311 N Clovis Ave Fresno CA 93727 snfdispatch@fs.fed.us	Dispatch Center: 559-500-4546 After Hours: 559-500-4544 Expanded Dispatch: 559-500-4212 Supervisors Office: 559-297-0706 Fax: 559-348-0239 Dispatch

NAME/TITLE	OFFICE	CELL
Goss, John Forest FMO	559-297-0706 Ext.4820	559-908-6526
Murphy, Tim Deputy Forest FMO	559-297-0706 Ext. 4822	559-280-7336
Littlebuck-Naylor, Sun-Shuri Center Manager	559-500-4422	559-593-5620
DeNatale, Patrick Assistant Center Manager	559-500-4546	559-593-5638
McLemore, Brandon Assistant Center Manager	559-500-4546	559-770-0653
Gould, Dean Forest Supervisor	559-297-0706 Ext.4800	

Six Rivers National Forest (SRF)

Fortuna Interagency ECC (FICC) 118 Fortuna Blvd. Fortuna, CA 95540 ilastname@fs.fed.us	Dispatch Center: 707-726-1266 Expanded Dispatch: Fax: 707-726-1265 Dispatch

NAME/TITLE	OFFICE	CELL
Vacant Forest Fire Chief	707-441-3535	
Young, Rick Assistant Forest Fire Chief (NPS)	707-465-7730	707-954-6050
Malena, Walter Center Manager	707-726-1286	530-310-3567
Salmon, Matt Assistant Center Manager	707-726-1208	707-382-8400
Montgomery, Ava Assistant Center Manager	707-726-1266	707-496-3614
George, Merv Forest Supervisor	707-441-3534	

Stanislaus National Forest (STF)

Stanislaus ECC (STCC) 19777 Greenley Road Sonora, CA 95370 ilastname@fs.fed.us	Dispatch Center: 209-533-1130 or 209-533-1140 After Hours: 209-532-3786 Expanded Dispatch: Supervisors Office: 209-532-3671 ext. 339 Fax: 209-533-1892 Dispatch

NAME/TITLE	OFFICE	CELL
Flannery, Wendy Center Manager	209-532-3671 Ext. 339	209-768-3814
Reyes, Tiffany Assistant Center Manger	209-532-3671 Ext. 211	209-770-1352
Jeanor, Noelle Assistant Center Manger	209-532-3671 Ext.338	209-768-0919
Updike, Dave Fire Management Officer	209-288-6243	559-593-0337
Vacant Assistant Fire Management Officer	209-532-3671 Ext. 285	
Kuiken, Jason Forest Supervisor	209-532-3671 Ext.232	

Tahoe National Forest (TNF)

Grass Valley Command Center (GVCC) 13120 Loma Rica Drive Grass Valley, CA 95945 ilastname@fs.fed.us	Dispatch Center: 530-477-7237 After Hours: 530-913-1605 Expanded Dispatch: Supervisors Office: 530-265-4531 Fax: 530-477-5203 Dispatch	
NAME/TITLE	**OFFICE**	**CELL**
Allen, Shelly Forest Fire Chief	530-478-6221	530-440-8129
Withrow, Jason Assistant Forest Fire Chief	530-478-6280	530-206-6955
McBath, Shawn Center Manager	530-478-6111	530-953-9712
Barajas, Heidi Assistant Center Manager	530-478-6111	530-648-6044
Scarbrough, Tim Assistant Center Manager	530-478-6111	530-913-1456
Ilano, Eli Forest Supervisor	530-478-6200	530-318-7161

Lake Tahoe Basin Management Unit (TMU)

Lake Tahoe Basin Management Unit (CICC) 35 College Drive So. Lake Tahoe, CA 96150 cacicc@firenet.gov	Dispatch Center: 530-642-0200 (CICC) Expanded Dispatch: Supervisors Office: 530-543-2600 Fax: 530-647-5279 Dispatch	
NAME/TITLE	**OFFICE**	**CELL**
Burns, Steve Forest Fire Chief	530-543-2794	530-545-3991
Jacobson, Kyle Deputy Forest Fire Chief	530-543-2658	530-545-0060
Wylie, Scott Center Manager	530-647-5214	530-903-6456
Marsolais, Jeff Forest Supervisor	530-543-2641	530-721-7866

BUREAU OF LAND MANAGEMENT

California State Office (CSO)		
California State Office 2800 Cottage Way, Room W-1623 Sacramento, CA 95825-0451	Business: 916-978-4430 Fax: 916-978-4438	
NAME/TITLE	**OFFICE**	**CELL**
Marouk, Sam State Fire Mgmt. Officer	916-978-4437	916-531-5481
Arroyo, Van Deputy State FMO/Ops	916-978-4442	916-206-1828
Stout, Joe Deputy State Director	916-978-4501	916-205-4978

Northern California District (NOD)		
Susanville Interagency Fire Center (SIFC) 2950 Riverside Drive Susanville, CA 96130	Business: 530-257-5575 Fax: 530-257-7149 or 530-252-6486	
NAME/TITLE	**OFFICE**	**CELL**
Herzog, Walter District FMO	530-224-2151	530-310-3209
Thompson, Marshall Assistant District AFMO	530-252-5366	530-251-3633
Vacant Center Manager	530-257-5575	
Bitner, Alan NOD District Manager	530-224-2160	

BLM Bishop Field Office (OVD)

Owens Valley Interagency (OVCC) 351 Pacu Lane Bishop, CA 93514 ovcc@fs.fed.us	Dispatch Center: 760-873-2405 After Hours: 760-873-2488 Expanded Dispatch: 760-873-2569 Supervisors Office: 760-873-2400 BLM: 760-872-5000 Fax: 760-873-2459 Dispatch Fax: 760-872-5018 Expanded

NAME/TITLE	OFFICE	CELL
Pusina, Taro FS Interagency FMO	760-873-2507	760-784-4050
Ingram, Mark BLM Deputy Interagency FMO	760-872-5007	760-616-0006
Hein, Debra BLM Center Manager (Acting)	760-873-2575	760-914-0877
Kong, Andrew FS Assistant Center Manager	760-873-2565	760-937-2583
Mills, Ian FS Assistant Center Manager	760-873-2491	760-937-6497
Nelson, Steve Bishop Field Office Manager	760-872-5011	760-258-6434

Central California District (CND)

Central California District 2750 Yowlumne, Suite B Porterville, CA 93257	Business: 559-782-3120 (CCICC) After Hours: 559-781-5780 Fax: 559-781-3320

NAME/TITLE	OFFICE	CELL
Schenk, Betsy District FMO	916-941-3123	661-333-6495
Brinsfield, David District AFMO	661-391-6103	661-808-3792
Bridges, Mickey BLM Center Manager	559-782-3120 Ext.713	559-359-3673

California Desert District (CDD)

California Desert District (CDD) 22835 Calle San Juan De Los Lagos Moreno Valley, CA 92553	Business: 951-697-5200 After Hours: 909-383-5651 or 909-383-5652 Fax: 951-697-5299

NAME/TITLE	OFFICE	CELL
Gibbs, Paul District FMO/Interagency Fire Chief	951- 697-5355	951-903-4135
Tomaselli, Jim ADFRMO/Deputy Interagency Fire Chief	951-697-5274	951-903-4137
Aragon, James Interagency FMO	760-252-6008	928-486-0450
Vacant South Zone FMO	760-833-7110	
Ucha, Ramon Unit Aviation Manger (shared with CA-CND)	951-697-5281	951-903-4136
Gannon, James District Fuels Specialist/Planner	951-697-5307	951-903-4141
Lannen-Littlefied, Andrea DOI Center Manager (FICC)	909-383-5652	951-269-9021
Nieman, Sandy DOI Ops Manager (FICC)	909-383-5654	909-665-2490

NATIONAL PARK SERVICE

Pacific West Region (WRP)		
National Park Service Pacific West Region 333 Bush Street, Suite 500 San Francisco, CA 94104 firstname_lastname@nps.gov	Business: 415-623-2210 After Hours: 530-226-2800 (NOPS) Fax: 415-623-2383	
NAME/TITLE	**OFFICE**	**CELL**
Wills, Robin Regional Fire Management Officer	415-623-2216	415-203-7162
Minton, Mike Deputy RFMO – Operations		707-498-4435

Channel Islands National Park (CNP)		
National Park Service Channel Islands 1901 Spinnaker Drive Ventura, CA 93001 firstname_lastname@nps.gov	Business: 805-658-5720 CHIS Dispatch Business: 805-938-9142 (LPCC) After Hours: 805-961-5727 (LPCC) Fax: 805-658-5799 (HQ)	
NAME/TITLE	**OFFICE**	**CELL**
Hartman, Derrek Network FMO	805-658-5719	805-501-9444
Lowe, Linda Center Manager	805-938-9142 Ext.220	805-441-2160
Meyers, John Assistant Center Manager	805-938-9140 Ext.221	805-441-2176
Rodriguez, Kate Assistant Center Manager	805-938-9140 Ext.222	805-441-2168

Death Valley National Park (DVP)

National Park Service Death Valley P.O. Box 579 Death Valley, CA 92328 firename_lastname@nps.gov	Business: 760-786-3245 Business: 909-383-5654 (SBCC) After Hours: 760-786-2330 After Hours: 909-383-5652 (SBCC) Fax: 760-786-3246

NAME/TITLE	OFFICE	CELL
Reynolds, Mike Park Superintendent	760-786-3245	
Mckinlay-Jones, Karen Chief Ranger	760-786-3245	
Gibbs, Paul Interagency Fire Chief	951-697-5355	951-903-4135
Tomaselli, Jim Deputy Interagency Fire Chief	951-697-5274	951-903-4137
Aragon, James Interagency Zone FMO	760-252-6008	928-486-0450
Lannen-Littlefield, Andrea DOI Center Manager FICC	909-383-5652	951-269-9021
Nieman, Sandy DOI Ops Manager FICC	909-382-2912	909-665-2490

Golden Gate National Recreation Area (GNP)

National Park Service Golden Gate Building 1068, Fort Cronkhite Sausalito, CA 94965 firename_lastname@nps.gov	Business: 415-289-1888 After Hours: 415-561-5510 Fax: 415-464-5230

NAME/TITLE	OFFICE	CELL
Jones, Greg Network Fire Management Officer	415-289-1888	415-725-7851
Panetta , Jeff Network Fire Operations	415-464-5231	415-827-9299
Cochary, Kevin Chief Ranger	415-331-8627	415-331-8627

Hawaii Volcanoes National Park (HVP)

National Park Service Hawaii Volcanoes P.O. Box 52 Hawaii Volcanoes , HI 96718-0052 firename_lastname@nps.gov	Business: 808-985-6001 After Hours: 808-985-6001 After Hours: 530-934-7758 (MNFC) Fax: 808-985-6023

NAME/TITLE	OFFICE	CELL
Funderburk, Greg Fire Management Officer	80-985-6042	808-936-4873
Souza, Crystal Fire Program Assistant	808-985-6043	808-238-6079
Orlando, Cynthia Superintendent	808-985-6025	
Broward, John Chief Ranger	808-985-6030	

Joshua Tree National Park (JTP)

National Park Service Joshua Tree 74485 National Park Drive Twentynine Palms, CA 92277 firstname_lastname@nps.gov	Business: 760-228-2339 After Hours: 909-383-5652 (SBCC) Fax: 760-365-4934

NAME/TITLE	OFFICE	CELL
Smith, David Superintendent	760-367-5501	
Yeston, Karyl Chief Ranger	760-367-5540	
Gibbs, Paul Interagency Fire Chief	951-697-5355	951-903-4135
Tomaselli, Jim Deputy Interagency Fire Chief	951-697-5274	951-903-4137
Vacant Interagency Zone FMO		
Sandrini, Tony NPS Fire Operations Specialist	951-849-5750	909-659-5251
Lannen-Littlefield, Andrea DOI Center Manager FICC	909-383-5652	951-269-9021
Nieman, Sandy DOI Ops Manager (FICC)	909-382-2912	909-665-2490
Vacant Ops Manager FICC		

Lassen Volcanic National Park (LNP)

National Park Service Lassen Volcanic P.O. Box 100 or 38050 Hwy 36E Mineral, CA 96063-0100 firstname_lastname@nps.gov	Business: 530-595-6162 After Hours: 530-257-5575 (SIFC) Fax: 530-595-3415

NAME/TITLE	OFFICE	CELL
Klimek, Mike Fire Management Officer	530-595-6161	530-604-4720
Vacant Assistant Fire Management Officer	530-595-6161	
Jones, Cris Fire Program Assistant	530-595-6162	530-604-4301

Lava Beds National Monument (BNP)

National Park Service Lava Beds PO Box 1240 1 Indian Well Headquarters Tulelake, CA 96134 firstname_lastname@nps.gov	Business: 530-667-8123 After Hours: 530-640-1868 MICC Fax: 530-667-2737

NAME/TITLE	OFFICE	CELL
Orr, Christopher Fire Management Officer	530-667-8122	530-640-1464
Donahue, John Assistant Fire Management Officer	530-667-8125	530-233-6022
Whalon, Lawrence Superintendent	530-667-8101	760-694-6877
Brewer, Jared Chief Ranger	530-667-8111	530-260-1040

Mojave National Preserve (MNP)

National Park Service Mojave National Preserve 2701 Barstow Rd. Barstow, CA 92311 firstname_lastname@nps.gov	Business: 760-252-6132 After Hours: 909-383-5651 (SBCC) Fax: 760-255-8819

NAME/TITLE	OFFICE	CELL
Seuess, Todd Park Superintendent	760-252-6103	
Vacant Chief Ranger		
Gibbs, Paul Interagency Fire Chief	951-697-5355	951-903-4135
Tomaselli, Jim Deputy Interagency Fire Chief	951-697-5274	951-903-4137
Aragon, James Interagency Zone FMO	760-252-6008	928-486-0450
Lannen-Littlefield, Andrea DOI Center Manager FICC	909-383-5652	951-269-9021
Nieman, Sandy DOI Ops Manager FICC	909-382-2912	
Vacant Ops Manager FICC		

Pinnacles National Park (PIP)

National Park Service Pinnacles National Monument Paicines, CA 95043 firstname_lastname@nps.gov	Business: 831-389-4486 After Hours: 831-647-6241 (BECC) Fax: 831-389-4489

NAME/TITLE	OFFICE	CELL
Reeser, Jordan Network Fire Management Officer	415-464-5235	415-818-4119
Vacant Chief Ranger	831-389-4486	
McCrary, Kimberly Protection Ops Ranger	831-389-4486	831-537-7522

Point Reyes National Seashore (RNP)

National Park Service Point Reyes National Seashore 1 Bear Valley Road, Point Reyes, CA. 94956 firstname_lastname@nps.gov	Business: 415-464-5100 After Hours: 530-934-7758 (MNFC) Fax: 415-464-5230 or 868-8918

NAME/TITLE	OFFICE	CELL
Jones, Greg Network Fire Management Officer	415-464-5235	415-818-4119
Panetta , Jeff Network Fire Operations	415-464-5231	415-827-9299
Schifsky, David Chief ranger	415-464-5175	

Redwood National Park (RWP)

National Park Service Redwood 111 Second Street Crescent City, CA 95531 firstname_lastname@nps.gov	Business: After Hours: 707-726-1266 (FICC) Fax: 707-488-6485

NAME/TITLE	OFFICE	CELL
Young, Rick Interagency Fire Chief	707-441-3535	707-954-6050
Young, Rick Deputy Interagency Fire Chief	707-465-7730	707-954-6050
Malena, Walter Center Manager	707-726-1286	
Salmon, Matt Assistant Center Manager	707-726-1208	707-382-8400
Montgomery, Ava Assistant Center Manager	707-726-1222	707-496-3614

Santa Monica Mountains National Recreation Area (SMP)

National Park Service Santa Monica Mountains 401 W. Hillcrest Dr. Thousand Oaks CA 91360 firstname_lastname@nps.gov	Business: 661 723 2703 (ANCC) Fax: 805-735-0875 Paramount Fax: 805-370-1850 Headquarters

NAME/TITLE	OFFICE	CELL
Hartman, Derrek Fire Management Officer	805-370-2391	805-501-9444
Hesbol, Edward Center Manager	661-723-2707	661-886-0526
Cardenas, Danielle Assistant Center Manager	661-723-2711	661-434-7507
Lepo, Dawn Assistant Center Manager	661-723-2718	626-388-8347

Sequoia-Kings Canyon National Park (KNP)

National Park Service Sequoia-Kings Canyon 47050 Generals Hwy. Three Rivers, CA 93271-9651 firstname_lastname@nps.gov	Business: 559-565-3164 Business: 559-565-3165 After Hours: 559-565 3164 Fax: 559-565-3797

NAME/TITLE	OFFICE	CELL
Zielger, Jjohn Park Fire Management Officer	559-565-4337	559-280-6890
Zigeler, John Kings Canyon District Fire Management Officer	559-565-4337	559-280-6890
Singer, Kelly Sequoia District Fire Management Officer	559-565-3162	559-827-2001
Willmon, Steff Center Manager	559-565-3771	559-281-0074
Kuljis, Michael Assistant Center Manager	559-565-3159	559-769-7259
Bates, Todd Fuels Management Specialist	559-565-3739	559-909-9454

Whiskeytown National Recreation Area (WNP)

National Park Service Whiskeytown P.O. Box 188 Whiskeytown, CA 96095-0188 firstname_lastname@nps.gov	Business: 530-242-3446 After Hours: 530-242-2400 (RICC) Fax: 530-246-5154 - HQ Fax: 530-359-2276 - FMO Office

NAME/TITLE	OFFICE	CELL
Garcia, Thomas Fire Management Officer	530-242-3443	530-604-3687
Milestone, Jim Superintendent	530-242-3460	530-945-6123

Yosemite National Park (YNP)

National Park Service Yosemite P.O. Box 577 Yosemite National Park, CA 95389 Firstname_lastname@nps.gov	Business: 209-379-1999 Business Law Enforcement: 209-379-1992 After Hours: 209-379-1999 After Hours Law Enforcement: 209-379-1992 Fax: 209-379-2728

NAME/TITLE	OFFICE	CELL
Martin, Kelly Chief Fire Mgmt. Officer	209-372-0325	209-756-8142
Vacant Deputy FMO	209-375-9572	
Spielman, Bernard Suppression Battalion Chief	209-375-0504	209-626-6713
Phillipe, Nancy Center Manager	209-379-1188	209-620-6431
Vacant Assistant Center Manager	209-379-1191	

USFWS

Region 8 – Pacific Southwest Region (R8R) US Fish and Wildlife Service		
US Fish and Wildlife Service Pacific Southwest Region 2800 Cottage Way, Rm. W-2606 Sacramento, CA 95825 firstname_lastname@nps.gov	Business: 916-414-6501 Fax: 916-414-6486	
NAME/TITLE	**OFFICE**	**CELL**
Rickard, William Lee Regional Fire Management Officer	916-414-6508	619-403-2296
Hadley, Richard Deputy Regional Fire Management Officer	916-414-6483	916-769-3918
Wheeler, Polly Chief of Refuges	916-414-6464	
Roberts, James Regional Fire Ecologist & Fuels Coordinator	916-414-6598	619-402-6843

Klamath Basin Fire Management Zone (LKR)		
US Fish and Wildlife Service Klamath Basin 4009 Hill Road Tulelake, CA 96134 firstname_lastname@fws.gov	Business: 530-667-8304 Business: 530-667-8316 After Hours: 530-640-1868 (MDF) Fax: 530-667- 8338	
NAME/TITLE	**OFFICE**	**CELL**
Koons, Jebediah Zone Fire Management Officer	530-667-8304	541-591-0205
Austin, Greg Project Leader - KBNWRC	530-667-2231	
Clay, Steve Project Leader - MNWRC	530-233-3572	

South Central Valley Fire Management Zone (LUR)		
US Fish and Wildlife Service San Luis Wildlife Refuge 947-C West Pacheco Blvd Los Banos, CA 93635 firstname_lastname@fws.gov	Business: 559-348-1515(SICC) Emergency Business: 209-826-3508 Non-Emergency After Hours: 559-348-1515 (SICC) Fax: 831-389-4489	
NAME/TITLE	**OFFICE**	**CELL**
Kelly, Peter Zone Fire Management Officer	209-826-3508 Ext.11	209-587-5517
Murphy, Shawn Assistant Zone FMO	209-827-9060	209-587-0324

North Central Valley Fire Management Zone (SWR)		
US Fish and Wildlife Service North Central Valley 752 County Road 99W Willows, CA 95988 firstname_lastname@fws.gov	Business: 530-934-2801 After Hours: 530-934-7758 (MNFC) Fax: 530-934-7814	
NAME/TITLE	**OFFICE**	**CELL**
Shippelhoute, Dale Zone Fire Management Officer	530-934-2801	530-510-6326
Frisk, Dan Project Leader - SNWRC	530-934-2801	

Southern California Fire Management Zone (TNR)

US Fish and Wildlife Service Southern California 14026 Peaceful Valley RD PO Box 746 Jamul, CA 91935 firstname_lastname@fws.gov	Business: 619-713-2201 After Hours: 619-557-5262 (MVIC) Fax: 619-468-9249

NAME/TITLE	OFFICE	CELL
Rickard, Lee Zone Fire Management Officer	619-713-2201 Ext 26	619-403-2296
Wade, Larry Assistant Zone Fire Management Officer	619-713-2201 Ext 23	619-719-8597
Yuen, Andy San Diego NWR Project Leader	619-476-9150 Ext 100	760-535-7065
Brady, Michael Hopper Mountain NWR Project Leader	805-644-5185 Ext 286	805-256-5578
Schoneman, Chris Sonny Bono S.S. NWR Project Leader	760-348-5278 Ext 227	760-336-1816

BIA

Pacific Regional Office (PAA)		
Bureau of Indian Affairs Pacific Regional Office 2800 Cottage Way Sacramento, CA 95825 firstname.Lastname@bia.gov	Business: 916-978-6000 Fax: 916-978-6081	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Regional Fire Management Officer	916-978-6177	916-207-7223
Vacant Asst. Regional Fire Management Officer	916-978-6066	916-718-8648
Violante, George Regional Aviation Specialist	916-978-6030	916-531-8814
Flying, Matthew Regional Fire Operations Specialist	916-978-6016	916-225-1141

Northern California Agency (NCA)		
Bureau of Indian Affairs Northern California Agency 364 Knollcrest Dr. Suite 105 Redding, CA 96002-0175 firstname.lastname@bia.gov	Business: 530-223-7960 Fax: 530-224-7749	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Fire Management Officer		
Wasson, Rebecca Natural Resource Officer	530-223-7973 or 530-223-7690 Ex.114	
Perry, Greg Regional Fuels Management Specialist	530-223-7969 Ext. 120	916-718-8648

Central California Agency (CCA)		
Bureau of Indian Affairs Central California Agency 650 Capitol, Suite 8-500 Sacramento, CA 95814 firstname.lastname@bia.gov	Business: 916-930-3680 After Hours: 916-978-6000 Fax: 916-930-3780	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Fire Management Officer		

Southern California Agency (SCA)		
Bureau of Indian Affairs Southern California Agency 1451 Research Park Drive, Suite 100 Riverside, CA 9250 firstname.lastname@bia.gov	Business: 951-276-6624 After Hours Pager: 951 965-0423 Fax: 951- 276-6641	
NAME/TITLE	**OFFICE**	**CELL**
Vacant Agency Fire Management Officer	951-276-6624 Ext.253	
Ruiz Sr., Ray Fire Operations Specialist	951-276-6624 Ext 253	

Hoopa Valley Tribe (HIA)		
Bureau of Indian Affairs Hoopa Fire Dept. Wildland Fire Division P.O. Box 369 Hoopa, CA. 95546	Business: 530-625-4366 After Hours: 530-625-4480 Hoopa Tribal Police: 530-625-4615 Fax: 530-625-4416	
NAME/TITLE	**OFFICE**	**CELL**
Mendes, Rod Fire Management Officer	530-625-4366 Ext 510	530-784-7870

Tule River Indian Reservation (TIA)		
Bureau of Indian Affairs Tule River Fire Department PO Box 589 Porterville, CA 93258 wfcapt@tulerivertribe-nsn.gov	Station 90: 559-784-1590 Fire Chief: After Hours: 559-784-1590 Fax: 559-853-6089	
NAME/TITLE	**OFFICE**	**CELL**
Santos, Zane Agency Fire Management Officer, Wildland	559-784-1590	559-339-8686
Vacant Assistant Fire Management Officer	559-784-1590	
Brown, Rich Fire Chief	559-782-1590	559-359-8947

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION

Sacramento Headquarters (CDF)

Attn: Name and Room #/Unit P.O. Box 944246 Sacramento, CA 94244-2460 sac.ecc@fire.ca.gov	Command Center: 916-845-8680 Sacramento Duty Officer: 916-323-6231 Sacramento Duty Chief: 916-327-3063 Fax: 916-845-8692 SAC CC Fax: 916-653-9263

NAME/TITLE	OFFICE	CELL
Porter, Thom Director	916-653-7772	
Tyler, Joe Deputy Director – Fire Protection	916-653-9424	
Patterson, Glenn Assistant Deputy Director – Fire Protection	916-653-6031	
Guerrero, Kevin Staff Chief - Operations	916-657-4549	
Burlew, Anale Deputy Chief Command and Control	916-845-8684	

Northern Region Operations Coordination Center (CNR)

6105 Airport Road Redding, CA 96002 rcc.ecc@fire.ca.gov	Command Center: 530-224-2466 Headquarters: 530-224-2445 Region Duty Chief: 530-224-4944 Region Duty Officer: 530-224-2434 Strike Team Hotline: 800-237-3703 Green Phone: 9-622-357 Fax: 530-224-4308

NAME/TITLE	OFFICE	CELL
Bradley, Mike Region Chief	530-224-2460	530-744-4780
Wilson, John Division Chief OCC	530-224-2465	530-227-6574

Southern Region Operations Coordination Center (CSR)

23300 Castle St. Moreno Valley, CA 92518 csr.occ@fire.ca.gov	Command Center: 951-782-4169 Headquarters: 951-782-4140 Region Duty Chief: 951-782-4236 Region Duty Officer: 951-320-6197 Strike Team Hotline: 800-995-3473 Green Phone: 9-522-266 Fax: 951-782-4900

NAME/TITLE	OFFICE	CELL
Johnson, Dan Region Chief	951-320-6100	
Williams, Jackie Division Chief OCC	951-320-6126	

Amador- El Dorado Unit (AEU)

2840 Mt. Danaher Road Camino, CA 95709 aeu.ecc@fire.ca.gov	Command Center: 530-647-5220 Headquarters: 530-644-2345 Unit Duty Chief : 530-647-5294 Green Phone: 9-422-353 Fax: 530-647-5283

NAME/TITLE	OFFICE	CELL
Lindgren, Scott Unit Chief	530-644-2345	530-708-2700
Newman, Brian ECC Chief	530-647-5227	530-708-2709

Butte Unit (BTU)

176 Nelson Avenue Oroville, CA 95987 btuecc@fire.ca.gov	Command Center: 530-538-6460 Headquarters : 530-538-7111 Unit Duty Chief : 530-538-6068 Green Phone: 9-622-381 Fax: 530-538-6873

NAME/TITLE	OFFICE	CELL
Hawks, David Unit Chief	530-538-7111	530-370-0928
Waters, Mike ECC Chief	530-538-6330	530-521-8768

Fresno-Kings Unit (FKU)

2311 N. Clovis Avenue Fresno, CA 93727 fku.ecc.staff@fire.ca.gov	Command Center: 559-294-6818 Headquarters : 559-493-4300 Unit Duty Chief : 559-294-6888 Green Phone: 559-294-6818 Fax: 559-292-0368

NAME/TITLE	OFFICE	CELL
Johnson, Mark Unit Chief	559-493-4300	559-281-4300
Smith, Dennis ECC Chief	559-294-6809	559-281-4309

Humboldt-Del Norte Unit (HUU)

118 North Fortuna Blvd. Fortuna, CA 95540 huueccstaff@fire.ca.gov	Command Center: 707-726-1280 Headquarters : 707-725-4413 Unit Duty Chief : 707-726-1229 Green Phone: 9-202-280 Fax: 707-726-1265

NAME/TITLE	OFFICE	CELL
McCray, Kurt Unit Chief	707-726-1200	
McLaughlin, Ron ECC Chief	707-726-1209	707-798-0429

Lassen-Modoc Unit (LMU)		
1491 5th Street Susanville, CA 96130 lmu.ecc@fire.ca.gov	Command Center: 530-257-5575 Headquarters : 530-257-4171 Unit Duty Chief : 530-310-1401 Green Phone: 9-622-382 Fax: 530-257-7149	
NAME/TITLE	**OFFICE**	**CELL**
Packwood, Scott Unit Chief	530-257-8500	530-310-2200
Kern, Josh ECC Chief	530-257-5575	530-310-2209

Madera-Mariposa-Merced Unit (MMU)		
5366 State Highway 49 North Mariposa, CA 95338 mmu.ecc@fire.ca.gov	Command Center: 209-966-3803 Headquarters : 209-966-3622 Unit Duty Chief : 209-966-4290 Green Phone: 9-316-381 Fax: 209-966-7527	
NAME/TITLE	**OFFICE**	**CELL**
Van Loben Sels, Mike Unit Chief	209-742-1901	559-706-8801
Deaver, Scott ECC Chief	209-742-1909	559-706-8809

Mendocino Unit (MEU)		
17501 North Highway 101 Willits, CA 95490 meu.ecc.staff@fire.ca.gov	Command Center: 707-459-7403 Headquarters : 707-459-7414 Unit Duty Chief : 707-456-1785 Green Phone: 9-202-284 Fax: 707-459-7405	
NAME/TITLE	**OFFICE**	**CELL**
Gonzalez, George Unit Chief	707-459-7400	707-391-6700
York, Christine ECC Chief	707-459-7409	707-391-6709

Nevada-Yuba-Placer Unit (NEU)

13120 Loma Rica Drive Grass Valley, CA 95945 neu.ecc@fire.ca.gov	Command Center: 530-477-0641 Headquarters : 530-889-0111 Unit Duty Chief : 530-477-2300 Green Phone: 9-422-383 Fax: 530-477-5203

NAME/TITLE	OFFICE	CELL
Estes, Brian Unit Chief	530-823-4904	530-277-2300
Person, Tim ECC Chief	530-477-0951	530-277-2309

Riverside Unit (RRU)

210 W. San Jacinto Avenue Perris, Ca 92530 rru.ecc.staff@fire.ca.gov	Command Center: 951-940-6949 Headquarters: 951-940-6900 Unit Duty Chief: 951-940-6363 Green Phone: 9-522-290 Fax: 951-657-3191

NAME/TITLE	OFFICE	CELL
Newman, Shawn Unit Chief	951-940-6917	951-442-5435
Snyder, Jeremy ECC Chief	951-940-6882	951-235-7464

San Benito-Monterey Unit (BEU)

2221 Garden Road Monterey, CA 93940-5385 beueccstaff@fire.ca.gov	Command Center: 831-647-6223 Headquarters: 831-333-2600 Unit Duty Chief: 831-333-2676 Green Phone: 9-316-387 Fax: 831-333-2655

NAME/TITLE	OFFICE	CELL
Fulcher, David Unit Chief	831-333-2676	831-601-4600
Morlan, Mike ECC Chief	831-333-2609	

San Bernardino Unit (BDU)

3800 North Sierra Way San Bernardino, CA 92405 bdueccstaff@fire.ca.gov	Command Center: 909-881-6916 Headquarters: 909-881-6900 Unit Duty Chief: 909-881-6919 Green Phone: 9-522-284 Fax: 909-881-6970

NAME/TITLE	OFFICE	CELL
Barley, Glenn Unit Chief	909-881-6900	909-553-7133
Mitchell, Jeremy ECC Chief	909-881-6909	909-531-0394

San Diego Unit (MVU)

2249 Jamacha Road El Cajon, CA 92019 mvu.ecc@fire.ca.gov	Command Center: 619-593-0384 Headquarters: 619-590-3100 Unit Duty Chief: 619-588-9764 Green Phone: 9-522-286 Fax: 619-590-3196

NAME/TITLE	OFFICE	CELL
Mecham, Tony Unit Chief	619-590-3104	619-855-7321
Browne, Austin ECC Chief	619-590-3109	760-705-7328
O'Leary, Abigail ECC Chief	619-590-3105	619-457-1615

San Luis Obispo Unit (SLU)

635 N. Santa Rosa San Luis Obispo, CA 93405 slu.ecc@fire.ca.gov	Command Center: 805-593-3451 Headquarters: 805-543-4244 Unit Duty Chief: 805-543-3458 Green Phone: 9-522-292 Fax: 805-543-6909

NAME/TITLE	OFFICE	CELL
Jalbert, Scott Unit Chief	805-543-4244 EXT 3400	805-903-3400
Ermigarat, Louis ECC Chief	805-528-2160	805-903-3409

San Mateo-Santa Cruz (CZU)

6059 Highway 9 Felton, CA 95018-0316 czu.ecc@fire.ca.gov	Command Center: 831-335-6719 Headquarters: 831-335-5353 Unit Duty Chief: 831-335-6955 Green Phone: 9-202-236 Fax: 831-335-0624

NAME/TITLE	OFFICE	CELL
Larkin, Ian Unit Chief	831-335-6700	831-254-1700
Vacant ECC Chief	831-335-6709	

Santa Clara Unit (SCU)

15670 Monterey Street Morgan Hill, CA 95037 scuecc@fire.ca.gov	Command Center: 408-201-0490 Headquarters: 408-779-2121 Unit Duty Chief: 408-779-6663 Green Phone: 9-202-237 Fax: 408-778-6149

NAME/TITLE	OFFICE	CELL
Hess, Jake Unit Chief	408-778-8600	408-472-1600
Williams, Ivy ECC Chief	408-778-8609	408-472-1609

Shasta-Trinity Unit (SHU)

875 Cypress Avenue Redding, CA 96001 shueccstaff@fire.ca.gov	Command Center: 530-225-2411 Headquarters: 530-225-2418 Unit Duty Chief: 530-225-2476 Green Phone: 9-622-385 Fax: 530-241-4807

NAME/TITLE	OFFICE	CELL
Gouvea, Bret Unit Chief	530-225-2400	530-448-2400
Roberson, Joe ECC Chief	530-225-2409	530-448-2409

Siskiyou Unit (SKU)

1809 Fairlane Road Yreka, CA 96097 sku.ecc@fire.ca.gov	Command Center: 530-842-7066 Headquarters: 530-842-3516 Unit Duty Chief: 530-842-2847 Green Phone: 9-622-386 Fax: 530-842-6953

NAME/TITLE	OFFICE	CELL
Anzo, Phillip Unit Chief	530-842-3516	530-598-2600
Kiszka, John ECC Chief	530-842-3516	530-598-2609

Sonoma-Lake-Napa Unit (LNU)

1199 Big Tree Road St. Helena, CA 94574 lnu.ecc@fire.ca.gov	Command Center: 707-963-4112 Headquarters: 707-967-1400 Unit Duty Chief: 707-967-4211 Green Phone: 9-202-285 Fax: 707-963-4103

NAME/TITLE	OFFICE	CELL
Jones, Shana Unit Chief	707-967-1411	707-481-7184
York, Brian ECC Chief	707-967-1409	707-277-9183

Tehama-Glenn Unit (TGU)

604 Antelope Boulevard Red Bluff, CA 96080 tgu.ecc@fire.ca.gov	Command Center: 530-529-8542 Headquarters: 530-528-5199 Unit Duty Chief: 530-529-8547 Green Phone: 9-622-389 Fax: 530-529-8539

NAME/TITLE	OFFICE	CELL
Thompson, Chris Unit Chief	530-528-5100	530-200-2500
Freeman, Doug ECC Chief	530-528-5109	530-200-2509

Tulare Unit (TUU)

1968 S. Lovers Lane Visalia, CA 93292 tuu.ecc@fire.ca.gov	Command Center: 559-734-1948 Headquarters: 559-732-5954 Unit Duty Chief: 559-735-0364 Green Phone: 559-316-386 Fax: 559-732-4986

NAME/TITLE	OFFICE	CELL
Hafner, Marc Unit Chief	559-732-5954	
Neeley, Greg ECC Chief	559-636-4172	559-358-7109

Tuolumne-Calaveras Unit (TCU)

785 Mountain Ranch Road San Andreas, CA 95249 tcu.ecc@fire.ca.gov	Command Center: 209-754-0675 Headquarters: 209-754-3831 Unit Duty Chief: 209-754-2759 Green Phone: 9-316-383 Fax: 209-754-1723

NAME/TITLE	OFFICE	CELL
White, Josh Unit Chief	209-754-2700	209-419-4400
Serra, Chris ECC Chief	209-754-0675	209-419-4409

GOVERNOR'S OFFICE OF EMERGENCY SERVICES / CAL OES

Governor's Office of Emergency Services - Fire & Rescue Division **CAL OES Headquarters – Mather, CA**		
3650 Schriever Avenue Mather, CA 95655 Firstname.lastname@CALOES.ca.gov	Business: 24 Warning Center: FDO: Fax:	916-845-8711 916-845-8911 916-845-8670 916-845-8396
NAME/TITLE	**OFFICE**	**CELL**
Marshall, Brian Chief, State Fire & Rescue	916-845-8726	916-765-2199
Woodbeck, Brian Deputy Chief, Operations North	916-845-8727	951-830-6231
Torrez, Art Deputy Chief, Operations South	951-320-2106	916-642-3838
Hart, Stephen Deputy Chief, Fleet Management	916-845-8720	916-642-3634
Collins, Larry Deputy Chief, Special Operations	916-845-8751	916-716-2498
Vail, Scott Deputy Chief, CICCS	916-845-8711	916-832-4229
Salvate, John Assistant Chief, Region I North	707-853-6150	707-853-6150
Stone, Dave Assistant Chief, Region I South	916-642-3837	916-642-3837
Courson, Mark Assistant Chief, Region II North	916-281-4484	916-281-4484
Franklin, Dave Assistant Chief, Region II South	650-436-2185	650-436-2185
Titus, Patrick Assistant Chief, Region III North	916-634-9225	
Vacant Assistant Chief, Region III South		
Zander, Corey Assistant Chief, Region IV North	916-845-8711	916-712-6771
Bailey, Kit Assistant Chief, Region IV South	530-307-1307	530-307-1307
Bondshu, Bill Assistant Chief, Region V North	559-284-1580	559-284-1580
Lara, Javier Assistant Chief, Region V South/ CICCS	559-412-1016	559-412-1016

NAME/TITLE	OFFICE	CELL
Unkovich, Randy Assistant Chief, Region VI North	909-451-1835	909-451-1835
Mercado, Pete Assistant Chief, Region VI South	619-302-5360	619-302-5360
Gear, Joe Assistant Chief, Special Operations	916-475-1663	916-825-6416
Tobais, Chuck Assistant Chief, Special Operations	916-845-8830	916-715-0250
Martinez, Guadalupe Office Technician	916-845-8721	
Stanich, Nicole Staff Services Analyst/Special Operations	916-845-8717	
Cognata, Debbie Associate Gov. Prog. Analyst/ Fire & Rescue	916-845-8713	
Diede, Auburn Associate Gov. Prog. Analyst/ Fire & Rescue	916-845-8725	
Lopez, Lori Senior Emergency Service Coordinator	916-845-8722	916-396-6134
Vacant Associate Gov. Prog. Analyst/ Fire & Rescue	916-845-8723	
Gutierrez, Katie Staff Services Analyst/Fleet Services	916-845-8732	
Ochoa-Banuelos, Ruben Staff Services Analyst/ Fleet Services	916-845-8733	
Ross, Stephanie Staff Services Analyst/ Fleet Services	916-845-8798	
Thao, Chue Heavy Equipment Mechanic/ Fleet Services	916-845-8739	
Xiong, Kou Heavy Equipment Mechanic/Fleet Services	916-845-8743	916-213-3115
Johnson, Cathy Assistant Chief, FIRESCOPE	916-642-3825	
Serafin, Yesenia Staff Services Analyst, FIRESCOPE	951-320-6199	
Vacant Staff Services Analyst, FIRESCOPE		

Governor's Office of Emergency Services-Operations Coordination Center – FIRESCOPE Program

2524 Mulberry Street Riverside, CA 92501 Firstname.lastname@CALOES.ca.gov	Business: 951-782-4174 After Hours: 916-845-8911 Fax: 951-276-6513 or 951-782-4239

NAME/TITLE	OFFICE	CELL
Johnstone, James Deputy Chief, FIRESCOPE	951-320-6108	951-312-8966
Johnson, Cathy Assistant Chief, FIRESCOPE	916-642-3825	916-642-3825
Budnovich, Joy Communications Operator/CAL OES Fire And Rescue	951-320-6198	
Serafin, Yesenia Staff Services Analyst, FIRESCOPE	951-320-6199	
Vacant Management Services Tech, FIRESCOPE	951-320-6212	
Weiss, Don Staff Information Systems Analyst Specialist, Comm. & Tech. Division, Fire & Rescue FIRESCOPE Program	951-320-6201	

CAL OES REGION I

CAL OES Region I CR01	
REGIONAL COORDINATOR Osby, Daryl , Chief Daryl.osby@fire.lacounty.gov Los Angeles County Fire Department 1320 North Eastern Avenue Los Angeles, CA 90063-3294	Office: 323-881-2478 Dispatch: 323-881-6183 Dispatch Fax: 323-266-6925

Operational Areas

Los Angeles County Area "A" CA-XLA	
Terrazas, Ralph M., Chief Firechief@Lafd.Lacity.Org Los Angeles City FD 200 North Main Street #1020 Los Angeles, CA 90012	Office: 213-485-6003 Dispatch: 213-485-4701 Fax: 213-485-4782

Los Angeles County Area "B" CA-XLB	
Richardson, David, Chief David.richardson@fire.lacounty.gov Los Angeles Co Fire Department 1320 North Eastern Avenue Los Angeles, CA 90063-3294	Office: 323-881-2478 Dispatch: 323-881-6183 Fax: 323-266-6925

Los Angeles County Area "C" CA-XLC	
Washington, Bertral, Chief bwashington@cityofpasadena.net Pasadena Fire Department 215 N. Marengo Avenue Pasadena, CA 91103	Office: 626-744-4657 Dispatch: Fax: 626-396-9286 (office) Fax: 818-240-5895 (dispatch)

Los Angeles County Area "E" CA-XLE	
Gillaspie, Mark, Chief Mark.gillaspie@downeyfire.org Downey Fire Department 11111 Brookshire Avenue Downey, CA 90241	Office: 562-904-7284 Dispatch: 562-904-7313 Fax: 562-904-7314

Los Angeles County Area "F" CA-XLF	
Espino, Xavier , Chief Xavier.Espino@ Longbeach.Gov Long Beach Fire Department 3205 North Lakewood Blvd. Long Beach, CA 90808-1733	Office: 562-570-2509 Dispatch: 562-591-7631 Fax: 562-599-5849

Los Angeles County Area "G" CA-XLG	
Serna, Martin, Chief mserna@torranceca.gov Torrance Fire Department 1701 Crenshaw Blvd. Torrance, CA 90501-3312	Office: 310-781-7000 Dispatch: 310-781-7042 Fax: 310-781-7030

Orange County CA-XOR	
Fennessy, Brian, Chief Brian.Fennessy@OCFA.org Orange County Fire Authority 1 Fire Authority Road Irvine, CA 92602	Office: 714-573-6010 Dispatch: 714-573-6500 Fax: 714-368-8804

San Luis Obispo CA-XSL	
Jalbert Scotty , Chief Scotty.Jalbert@fire.ca.gov San Luis Obispo County Fire / CAL FIRE 635 North Santa Rosa Street San Luis Obispo, CA 93405	Office: 805-543-4244 Dispatch: 805-593-3451 Fax: 805-543-6909

Santa Barbara County CA-XSB	
Hartwig, Mark, Chief Mark.Hartwig@Sbcfire.Com Santa Barbara County FD 4410 Cathedral Oaks Road Santa Barbara, CA 93110-1042	Office: 805-681-5552 Dispatch: 805-692-5723 Fax: 805-692-5725

Ventura County CA-XVE	
Lorenzen, Mark, Chief Mark.Lorenzen@Ventura.Org Ventura County Fire Department 165 Durley Avenue Camarillo, CA 93010-8586	Office: 805-389-9710 Dispatch: 805-388-4278 Fax: 805-388-4361

CAL OES REGION II

CAL OES Region II CR02	
REGIONAL COORDINATOR Rocha, David, Chief david.rocha@acgov.org Alameda County Fire Department 6363 Clark Ave. Dublin, CA 94568	Office: 925-833-3473 Dispatch: 925-245-0420 Fax: 925-422-5730

Operational Areas

Alameda County CA-XAL	
Contreras, Garrett , Chief Garrett.contreas@hayward-a.gov Hayward Fire Department 22700 Main Street Hayward, CA 94541	Office: 510-583-4945 Dispatch: 925-447-4257 Fax: 925-422-5730

Contra Costa County CA-XCC	
Broschard, Lewis, Deputy Chief lbros@ccfpd.org Contra Costa FPD 2010 Geary Road Pleasant Hill, CA 94523	Office: 925-941-3501 Dispatch: 925-941-3355 Fax: 925-941-3339

Del Norte County CA-XDN	
Wakefield, Ryan, Chief Ryan.wakefield@cdcr.ca.gov California Dept. of Corrections/Rehabilitation 5905 Lake Earl Dr Crescent City, CA 95532	Office: 707-464-9105 Dispatch: 707-726-1280 Fax: 707-726-1265

Humboldt County CA-XHU	
McCray, Kurt, Chief Kurt.McCray@fire.ca.gov CAL FIRE, Humboldt/Del Norte Unit 118 South Fortuna Blvd. Fortuna, CA 95540-0425	Office: 707-726-1200 Dispatch: 707-726-1280 Fax: 707-726-1265

Lake County CA-XLK	
Sapeta, Willie, Chief Fdchf700@yahoo.com Lake County Fire Protection District 14815 Olympic Drive Clearlake, CA 95122	Office: 707-994-2170 Dispatch: 707-963-4112 Fax: 707-963-4013

Marin County CA-XMR	
Weber, Jason, Chief jweber@marincounty.org Marin County Fire Department 33 Castlerock Avenue (P.O. Box 518) Woodacre, CA 94973	Office: 415-473-3742 Dispatch: 415-473-6717 Fax: 415-473-7820

Mendocino County CA-XME	
Franklin, Mitch, Chief Hopchief6100@gmail.com Hopland VFD 21 Feliz Creek Road Hopland, CA 95449	Office: 707-744-1222 Dispatch: 707-459-7403 Fax: 707-459-7405

Monterey County CA-XMY	
Fulcher, David, Chief David.Fulcher@fire.ca.gov CAL FIRE, Monterey/San Benito Unit 2221 Garden Road Monterey, CA 93940-5385	Office: 831-333-4600 Dispatch: 831-647-6222 Fax: 831-333-2660

Napa County CA-XNA	
Lawson, Blake, Asst. Chief blakel@amcanfire.com American Canyon Fire Protection District 911 Donaldson Way East American Canyon, CA 94503	Office: 707-551-0667 Dispatch: 707-967-4206 Fax: 707-963-4013 (Dispatch)

San Benito County CA-XBE	
Fulcher, David, Chief beueccstaff@fire.ca.gov CAL FIRE, Monterey/San Benito Unit 2221 Garden Road Monterey, CA 93940-5385	Office: 831-333-4600 Dispatch: 831-647-6222 Fax: 831-333-2660

San Francisco County CA-XSF	
Hayes-White, JoAnne , Chief Joanne.hayes-white@sfgov.org San Francisco Fire Department 698 Second Street San Francisco, CA 94107	Office: 415-558-3400 Dispatch: 415-558-3291 Fax: 415-558-3290

San Mateo County CA-XSM	
Myers, Ron, Chief rmyers@northcountyfire.org North County Fire Authority 10 Wembley Avenue Daly City, CA 94015	Office: 650-991-8138 Dispatch: 650-363-4961 Fax: 650-369-4962

Santa Clara County CA-XSC	
Bowden, Tony, Chief Tony.bowden@sccfd.org Santa Clara County Fire Department 14700 Winchester Blvd. Los Gatos, CA 95030-1818	Office: 408-378-4010 Dispatch: 408-294-4424 Fax: 408-378-3942

Santa Cruz County CA-XCZ	
Larkin, Ian , Unit Chief ian.larkin@fire.ca.gov CAL FIRE, San Mateo – Santa Cruz 6059 Highway 9 (P.O. Drawer F-2) Felton, CA 95018 -0316	Office: 831-335-6700 Dispatch: 831-335-6719 Fax: 831-335-0624

Solano County CA-XSO	
Chadwick, Josh, Chief jchadwick@ci.benicia.ca.us Benicia Fire Department 150 Military West Benicia, CA 94510	Office: 707-746-4275 Dispatch: 707-421-7090 Fax: 707-421-7952 (Dispatch)

Sonoma County CA-XSN	
George, Dan , Chief dangeorge@goldridgefire.org Goldridge FPD 4500 Hessel Road Sebastopol, CA 95472	Office: 707-823-5502 Dispatch: 707-576-1371 Fax: 707-568-6693

CAL OES REGION III

CAL OES Region III CR03	
REGIONAL COORDINATOR Bradley, Mike, Region Chief Michael.bradley@fire.ca.gov CAL FIRE Northern Region 6105 Airport Road Redding, CA 96002	Office: 530-224-2460 Dispatch: 530-224-2434 Fax: 530-224-4308

Operational Areas

Butte County CA-XBU	
Hawks, David, Unit Chief David.Hawks@fire.ca.gov Butte County Fire Department/CAL FIRE 176 Nelson Avenue Oroville, CA 95965	Office: 530-538-7111 Ext. 301 Dispatch: 530-538-6840 Fax: 530-538-7401 Fax: 530-538-6873

Colusa County CA-XCO	
Gilbert, Jeff, Chief Wfdc300@frontiernet.net Williams Fire Authority 810 E. Street Williams, CA 95987	Office: 530-473-2269 Dispatch: 530-458-0200 Fax: 530-458-4697

Glenn County CA-XGL	
Steinhoff , Roger, Chief steinatkan@earthlink.net Kanawha Fire Protection District 1709 County Road D Willows, CA 95988	Office: 530-934-2672 Dispatch: 530-224-2434 Fax: 530-224-4308

Lassen County CA-XLS	
Ewing, Eric, Assistant Chief Eric.Ewing@fire.ca.gov CALFIRE-LMU 697-345 Highway 36 Susanville, CA 96130	Office: 530-257-8504 Dispatch: 530-257-5575 Fax: 530-257-7149

Modoc County CA-XMO	
Walker, Steve , Unit Chief steve.walker@fire.ca.gov CAL FIRE-LMU 702 East 8th Street Alturas, CA 96101	Office: 530-233-2723 Dispatch: 530-233-4416 Fax: 530-233-4971

Plumas County CA-XPU	
Dawson, Nicholas, Sheriff dawson@psco.net Plumas County Sheriff 1400 E. Main St. Quincy, CA 95971	Office: 530-283-6300 Dispatch: 530-283-6300 Fax: 530-283-6329

Shasta County CA-XSH	
Gouvea, Bret, Unit Chief Bret.Gouvea@fire.ca.gov CAL FIRE / Shasta County Fire Department 875 Cypress Avenue Redding, CA 96001	Office: 530-225-2400 Dispatch: 530-225-2411 Fax: 530-241-4807

Sierra County CA-XSI	
Evans, John, Chief lawnorthoftheyuba@aol.com Loyalton Fire Department 206 Front St. (PO Box 128) Loyalton, CA 96118	Office: 530-993-6751 Dispatch: 530-289-3700 Fax: 530-993-6752

Siskiyou Conty CA-XSK	
Anzo, Phil, Unit Chief Phillip.anzo@fire.ca.gov CAL FIRE & FP, Siskiyou Unit 1809 Fairlane Road (P.O.Box 128) Yreka, CA 96097	Office: 530-842-3516 Dispatch: 530-842-7066 Fax: 530-842-6953

Sutter County CA-XSU	
Shalowitz, John, Chief jshalowitz@co.sutter.ca.us Sutter County Fire Department 1130 Civic Center Blvd. Yuba City, CA 95993-3007	Office: 530-755-0266 Dispatch: 530-522-7307 Fax: 530-822-7318

Tehama County CA-XTE	
Thompson, Christine, Unit Chief Tgu.ecc@fire.ca.gov Christine.thompson@fire.ca.gov CAL FIRE / Tehama County Rural FD 604 Antelope Blvd. Red Bluff, CA 96080	Office: 530-528-5199 Dispatch: 530-529-8541 Fax: 530-529-8539

Trinity County CA XTR	
Corbett, Todd, Chief chief@wfdca.org Weaverville Volunteer Fire Department 125 Bremer Street (P.O. Box 447) Weaverville, CA 96093	Office: 530-623-6156 Dispatch: 530-225-2411 Fax: 530-224-2434

Yuba County CA-XYU	
Webb, Rich, Chief rich.webb@lindafire.org Linda Fire Department 1286 Scales Street Marysville, CA 95901-6117	Office: 530-743-1553 Dispatch: 530-224-2434 Fax: 530-224-4308

CAL OES REGION IV

CAL OES Region IV CR04	
REGIONAL COORDINATOR Walder, Eric Chief ewalder@southplacerfire.org South Placer Fire District 6900 Eureka Road Granite Bay, CA 95746	Office: 916-791-8464 Dispatch: 530-273-3222 Fax: 530-477-5203

Operational Areas

Alpine County CA-XAP	
Stoner, Denver, Chief dstoner@alpineso.com Bear Valley Public Safety/Fire 88 Bear Valley Road (PO Box 5130) Bear Valley, CA 95223	Office: 209-753-2321 Dispatch: 530-694-2231 Fax: 530-694-2956

Amador County CA-XAM	
Mackey, Ken, Chief Chief6200@sbcglobal.net Ione City Fire P.O. Box 398 Ione, CA	Office: 209-256-4498 Dispatch: 8530-647-6115 Fax: 209-274-6028

Calaveras County CA-XCA	
Fullerton, Bill, Chief billfullerton@sbcglobal.net West Point FPD P.O. Box 315 West Point, CA 95255	Office: 209-293-7000 Dispatch: 209-754-1187 Fax: 209-954-1723

El Dorado County CA-XED	
Ransdell, Bryan, Chief bransdell@diamondfire.org Diamond Springs Fire Department 501 Main Street Diamond Springs, CA 95619	Office: 530-306-8100 Dispatch: 530-647-5220 Fax: 530-626-3188

Nevada County CA-XNE	
Bierwagen, Jim, Chief pcpfpdchief@gmail.com Peardale - Chicago Park Fire Protection 18934 Colfax Highway (P.O. Box 697) Chicago Park, CA 95712	Office: 530-273-2503 Dispatch: 530-273-3222 Fax: 530-477-5203

Placer County CA-XPL	
James, Greg, Chief gjames@roseville.ca.us Roseville Fire Department 316 Vernon Street #480 Roseville, CA 95678	Office: 916-774-5806 Dispatch: 530-886-5375 Fax: 530-886-5391

Sacramento County CA-XSA	
Augustin, Chad, Deputy Chief Caugustin@sfd.cityofsacramento.org Sacramento City Fire Department 5770 Freeport Blvd, #200 Sacramento, CA 95882	Office: 916-767-2203 Dispatch: 916-228-3035 Fax: 916-228-3075

San Joaquin County CA-XSJ	
Butler, Steve, Chief Steve.butler@woodbridgefire.org Woodbridge Fire Department 400 E. Augusta Woodbridge, CA 95258	Office: 209-369-1945 Dispatch: 800-913-9113 Fax: 209-236-8701

Stanislaus County CA-XST	
Murdock, Richard, Chief Rmurdock@stanoes.com Stanislaus County OES 3705 Oakdale Road Modesto, CA 95355	Office: 209-552-3600 Dispatch: 209-524-2474 Fax: 209-552-3635

Tahoe Basin CA-XTB	
Simmons, Steve Chief Schsimons@ntfire.net North Tahoe Fire Protection District 300 North Lake Blvd Tahoe City, CA 96145	Office: 530-582-6911 Dispatch: 530-273-3222 Fax: 530-477-5203

Tuolumne County CA-XTO	
White, Josh , Unit Chief josh.white@fire.ca.gov CAL FIRE, Tuolumne-Calaveras Unit 785 Mountain Ranch Rd., Star Rte.1 San Andreas, CA 95249	Office: 209-754-2700 Dispatch: 209-754-1187 Fax: 209-954-1723

Yolo County CA-XYO	
Fredericksen, Gary, Chief gfredericksen@yochadehe-nsn.gov Yocha Dehe Fire 14170 Golf Course Drive (PO Box 186) Brooks, CA 95606	Office: 530-796-5732 Dispatch: 530-666-8920 Fax: 530-666-8923

CAL OES REGION V

CAL OES Region V CR05	
REGIONAL COORDINATOR Johnson, Mark A. , Chief mark.a.johnson@fire.ca.gov Fresno County Fire Protection District 210 South Academy Road Sanger, CA 93657	Office: 559-493-4300 Dispatch: 559-292-5271 Fax: 559-292-0368

Operational Areas

Fresno County CA-XFR	
Johnson, Mark A. , Chief mark.a.johnson@fire.ca.gov Fresno County Fire Protection District 210 South Academy Road Sanger, CA 93657	Office: 559-493-4300 Dispatch: 559-292-5271 Fax: 559-292-0368

Kern County CA-XKE	
Witt, David, Chief dwitt@kerncountyfire.org Kern County Fire Department 5642 Victor Street Bakersfield, CA 93308	Office: 661-391-7019 Dispatch: 661-324-6557 Fax: 661-324-6557

Kings County CA-XKI	
Smith, Clay, Chief Clay.Smith@co.kings.ca.us Kings County Fire Department 280 North Campus Drive Hanford, CA 93230	Office: 559-582-3211 Ext. 2880 Dispatch: 559-584-9275 Fax: 559-585-1499

Madera County CA-XMA	
Van Loben Sels, Mike, Chief Mike.vanlobensels@fire.ca.gov Madera County Fire Department 5366 HWY 49 North Mariposa, CA 95338	Office: 209-966-3622 Dispatch: 209-966-3803 Fax: 209-966-7527

Mariposa County CA-XMP	
Van Loben Sels, Mike Chief Mike.vanlobensels@fire.ca.gov Mariposa County Fire Department 5082 Bullion Street (P.O. Box 162) Mariposa, CA 95338	Office: 209-966-4330 Dispatch: 209-966-3803 Fax: 209-966-7527
Merced County CA-XMD	
Van Loben Sels, Mike Chief Mike.vanlobensels@fire.ca.gov Merced County Fire Department 3500 North Apron Avenue Atwater, CA 95301	Office: 209-966-4330 Dispatch: 209-966-3803 Fax: 209-966-7527

Tulare County CA-XTU	
Norman, Charlie, Chief cnorman@co.tulare.us Tulare County Fire Department 835 S. Akers Street Visalia, CA 93277	Office: 559-747-8233 Dispatch: 559-733-6544 Fax: 559-747-1024

CAL OES REGION VI

CAL OES Region VI CR06	
REGIONAL COORDINATOR Johnson, Dan, Chief Dan.johnson@fire.ca.gov CALFIRE 23300 Castle St. Moreno Valley, CA 92518	Office: 951-320-6100 Dispatch: 951-320-6197 Duty Officer Fax: 951-320-6395

Operational Areas

Imperial County CA-XIM	
Silva, Alex, Chief asilva@holtville.ca.gov 121 West 5th E 5th Street Holtville, CA 92250	Office: 760-356-2673 Dispatch: 760-352-3333 Fax: 760-353-7301

Inyo County CA-XIN	
Dell, Joe, Chief jdell@cityofbishop.com Bishop Fire Department 290 W. Line Street Bishop, CA 93514	Office: 303-246-4438 Dispatch: 760-873-5866 Fax: 760-872-3485

Mono County CA-XMN	
Frievalt, Frank, Chief frank@mlfd.ca.gov Mammoth Lakes Fire Protection 3150 Main St. (P.O. Box 5) Mammoth Lakes, CA 93546	Office: 760-934-2300 Dispatch: 760-932-7549 Fax: 760-932-7435

Riverside County CA-XRI	
Moore, Michael, Chief mmoore@riversideca.gov 3401 University Avenue Riverside, CA 92501	Office: 951-826-5624 Dispatch: 951-940-6949 Fax: 951-657-3191

San Bernardino County CA-XBO	
McHargue, Tim, Chief Tmchargue@confire.org Colton Fire Department 303 East E. Street Colton, CA 92324	Office: 909-370-5102 Dispatch: 909-356-3805 Fax: 909-356-3809

San Diego County CA-XSD	
Van Wey, Brett bvanwey@san@marcos.net San Marcos Fire Department 1 Civic Center Drive San Marcos, CA 92069	Office: 760-744-1050 Dispatch: 858-756-1126 Fax: 858-756-2741

FIRE WEATHER

WFO Eureka		
300 Startare Drive Eureka, CA 95501-6000 firstname.lastname@noaa.gov	Business: 707-442-2171 Fax: 707-443-6195	
NAME/TITLE	**OFFICE**	**CELL**
Dean, Nancy MIC	707-443-5610 Ext.222	707-845-5468
Tonkin, Jeff Fire Weather Program Leader/IMET	707-442-2171	707-672-2666
Dodd, Alexander IMET Trainee	707-442-2171	518-932-3416

WFO Las Vegas		
7851 Dean Martin Drive Las Vegas, NV 89139-6628 firstname.lastname@noaa.gov	Business: 702-263-9750 Fax: 702-263-9759	
NAME/TITLE	**OFFICE**	**CELL**
Lericos, Todd MIC	702-263-9744 Ext.222	
Berc, Daniel WCM	702-263-9744	
Harrison, Jim Fire Weather Program Leader/IMET	702-263-9750	240-778-5302 IMET Cell

WFO Los Angeles/Oxnard		
520 N. Elevar Street Oxnard, CA 93030 firstname.lastname@noaa.gov	Business: 805-988-6626 Fax: 805-988-6631	
NAME/TITLE	**OFFICE**	**CELL**
Jackson, Mark MIC	805-988-6617	805-444-4892
Gomberg, Dave Fire Weather Program Leader	805-988-6626	805-907-2236
Thompson, Rich IMET/Forecaster	805-988-6626	805-340-8699* *82 when dialing

WFO Medford		
4003 Cirrus Drive Medford, OR 97504 firstname.lastname@noaa.gov	Business: 541-776-4332 Fax: 541-776-4333	
NAME/TITLE	**OFFICE**	**CELL**
Lovegrove, John MIC	541-776-4303 Ext.222	541-840-4882
Lutz, Brett Fire Weather Program Leader/IMET	541-776-4303	240-778-5304 IMET Cell
Bunnag, Fredric Assistant Fire Weather Program Leader/IMET	541-776-4303	541-941-4480 240-778-5297 IMET Cell
Keene, Shad IMET Trainee	541-776-4303	

WFO Monterey

21 Grace Hopper Ave, Stop 5 Monterey, CA 93943 firstname.lastname@noaa.gov	Business: 831-656-1717 Business: 831-656-1724 Fax: 831-656-1747

NAME/TITLE	OFFICE	CELL
Baker, Kevin MIC	831-656-1710 Ext.222	831-594-3344
Walburn, Ryan Fire Weather Program Leader/IMET	831-656-1724 831-656-1710	408-772-1877
Mehle, Matt IMET	831-656-1724	

WFO Phoenix

P.O. Box 52025, PAP 225 Phoenix, AZ 85072-2025 firstname.lastname@noaa.gov	Business: 602-275-7003 Fax: 602-267-8051

NAME/TITLE	OFFICE	CELL
Woodal, Gary MIC	602-275-7002 Ext 222	602-618-3114
Meyers, Valerie Fire Weather Program Leader/IMET	602-275-7002 Ext 237 Mailbox 533	

WFO Reno

2350 Raggio Pkwy. Reno, NV 89512 firstname.lastname@noaa.gov	Business: 775-673-8105 Fax: 775-673-7110

NAME/TITLE	OFFICE	CELL
Mittelstadt, Jon MIC	775-673-8100	775-771-8356
Hoon, Alex Fire Weather Program Leader/IMET	775-673-8105	240-778-5300 IMET Cell
Wallman, Jim IMET	778-673-8105	240-778-5299 IMET Cell

WFO Sacramento		
3301 El Camino Room 228 Sacramento, CA 95821 firstname.lastname@noaa.gov	Business: 916-979-3047 Fax: 916-979-3052	
NAME/TITLE	**OFFICE**	**CELL**
Keeton, Dan MIC	916-979-3041 Ext 222	916-606-8975
Clapp, Jason Fire Weather Program Leader/IMET	916-979-3047	240-778-5296 IMET Cell
Smith, Michael IMET	916-979-3047	240-778-5292 IMET Cell

WFO San Diego		
11440 W. Bernardo Court, Suite 230 San Diego, CA 92127-1643 firstname.lastname@noaa.gov	Business: 858-675-8705 Fax: 858-675-8712	
NAME/TITLE	**OFFICE**	**CELL**
Pierce, Roger MIC	858-675-8700 Ext 222	858-442-5719
Tardy, Alex WCM	858-675-8700 Ext 223	858-442-6016
Sullivan, Stefanie Fire Weather Program Leader/IMET	858-675-8705	805-428-3785 240-778-5291 IMET Cell
Balfour, Rob IMET	858-675-8705	760-522-8779 240-778-5291 IMET Cell

WFO San Joaquin Valley		
900 Foggy Bottom Road Hanford, CA 93230-5236 firstname.lastname@noaa.gov	Business: 559-584-9505 After Hours: 559-584-9051 Fax: 559-584-1152	
NAME/TITLE	**OFFICE**	**CELL**
Mendenhall, Steve MIC	559-584-0583	
Bean, Cindy Fire Weather Program Leader/IMET	559-584-9505	559-309-9633 240-778-5293 IMET Cell
Harty, Daniel IMET	559-584-9505	240-778-5289 IMET Cell

PSW

PSW Redding		
3644 Avtech Parkway Redding, CA 96002 firstname.lastname@fs.fed.us	Business: 530-226-2530 After Hours: 877-585-7777 (message) Fax: 530-226-5091	
NAME/TITLE	**OFFICE**	**CELL**
Levinson, David Program Manager	530-226-2543	
Clauss, Nick Assistant Program Manager	530-226-2542	
Skinner, Carl Scientist	530-226-2554	
Knapp, Eric Scientist	530-226-2555	
Zhang, Jianwei Scientist	530-226-2550	
Wingate, Roger Office Auto. Assistant	530-226-2530	

PSW Berkeley		
800 Buchanan Street Albany, CA 94710 dseals@fs.fed.us	Business: 510-559-6300 After Hours: 866-297-3459 After Hours: 510-725-8273 Fax: 510-559-6441	
NAME/TITLE	**OFFICE**	**CELL**
Frien, Alex Station Director	510-559-6310	202-295-7621
Powell, Wendy Executive Assistant	510-559-6322	510-847-6465
Hayes, Jane L. AD, Research	510-559-6313	510-301-6913
Hansen, Christine AD, Business Operations	510-559-6312	
Heavey, Caitlin Research Planning & Reporting	510-559-6312	510-542-4660
Seal, David “Buck” Station Safety Coordinator	510-559-6329	510-704-3198

PSW Riverside		
4955 Canyon Crest Dr. Riverside, CA 92507 dweise@fs.fed.us	Business: 951-680-1500 After Hours: 877-858-7777 Fax: 951-680-1501	
NAME/TITLE	**OFFICE**	**CELL**
Weiss, David Prescribed Fire & Effects	951-680-1543	951-236-4886
Chavez, Deborah Line Officer, PSW Riverside	951-680-1558	951-315-3610
Hanna, Warren Facility Manager	951-680-1518	951-290-1591
Whitfield, Ella Purchasing Agent	951-680-1509	
Riggan, Phil Airborne IR Remote Sensing	951-680-1534	951-315-0182
Lockwood, Bob Airborne IR Remote Sensing	951-680-1535	951-315-0181

Chapter 80 – Cooperation

Successful incident management within California requires close cooperation with a number of other fire departments, agencies, and organizations. Incident managers must be knowledgeable regarding the abilities and needs of cooperators. Copies of cooperative agreements and operating plans should be available to all incident managers. It is generally most effective to handle cooperative efforts at the local level. However, if needed assistance is not available at the local level, direct requests to the GACC.

Compact Agreements

Emergency Management Assistance Compact (EMAC)

The Emergency Management Assistance Compact is a mutual aid agreement between states and territories of the United States. It enables states to share resources during natural and man-made disasters, including terrorism.

See Chapter 10, page 23, for mobilization/demobilization process.

Cooperative Agreements

There are various Regional/State and Local Agreements and Operating Plans currently in use. A short summary of some of these agreements follows.

National Agreements

For all National agreements, including the NIFC and Meteorological Services, can be found at:
http://www.nifc.gov/nicc/mobguide/Chapter%2010.pdf

Statewide Agreements

California Master Cooperative Wildland Fire Management and Stafford Act Response Agreement (CFMA)

The "California Cooperative Wildland Fire Management and Stafford Act Response Agreement" (CFMA) is an agreement between the BLM (California and Nevada), NPS (Pacific West Region), BIA (Pacific Region), US Fish and Wildlife (Pacific Southwest Region), USFS (Regions 4, 5, and 6), and CAL FIRE . The purpose of this agreement is to document the commitment of the above Agencies to improve efficiency by facilitating the coordination and exchange of personnel, equipment, supplies, services, information and funds among the above Agencies to this agreement. Only wildland fires and Presidentially-declared non-wildland fire emergencies or disasters are covered under this agreement.
Reference CFMA at: http://gacc.nifc.gov/oscc/cwcg/docs/2013cfma/FinalCFMA2013-2018.pdf

California Fire Assistance Agreement (CFAA)

Under this all risk agreement, the State of California (CAL FIRE and CAL OES) and Federal Fire Agencies (USFS, BLM, NPS, BIA, US Fish and Wildlife) may request emergency apparatus and personnel from the California Fire and Rescue Mutual Aid System (CAL OES and Local Government Agencies). The State of California and Federal Fire Agencies shall use this agreement as the primary fiscal authority for reimbursing local government agencies for the use of their resources
Reference CFAA at: http://calfireweb.fire.ca.gov/library/handbooks/8100/8163.pdf

California Fire Service and Rescue Emergency Mutual Aid Plan and the California Disaster and Civil Defense Master Mutual Aid Agreement (MMA)

The purpose of this plan and agreement are to provide for systematic mobilization, organization and operation of necessary fire and rescue resources of the state and its political subdivisions in mitigating the effects of disasters, whether natural or man-caused. This plan and agreement are for the voluntary expedient mobilization and response of available fire and rescue resources on a local, area, regional and statewide basis.

Reference MMA at: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES%20-%20Fire%20and%20Rescue%20-%20Mutual%20Aid%20Plan%20-%2020141201.pdf

California Interagency Military Helicopter Firefighting Program

This agreement between the California National Guard, CAL FIRE, USDA Forest Service, USDI Bureau of Land Management, USDI National Park Service and CAL OES provides access to additional aircraft in times of emergency. This agreement identifies operational procedures and administrative procedures for cost and reimbursement.

California Conservation Corps (CCC)

The CCC has an agreement with CAL FIRE and Federal Agencies to provide fire and support crews.

Refer to California Interagency Mobilization Guide Chapter 30 for ordering.

FAA and Forest Service Region 5

This agreement outlines procedures and responsibilities for temporary airport traffic control tower services for firefighting activities within the Forest Service Region 5. Each GACC will keep a copy of the agreement.

CAL FIRE Contract County Agreement

The counties of Marin, Kern, Santa Barbara, Ventura, Los Angeles, and Orange have assumed responsibility for the wildland fire protection of SRA within their counties and are collectively referred to as “Contract Counties.” This agreement allows CAL FIRE to utilize contract county wildland resources for incidents statewide.

Memorandums of Understanding

Sierra Front, Carson City Field Office to Plumas National Forest - Memorandum of Understanding: DOI, BLM Carson City Field office and USDA USFS Plumas National Forest

The purpose of this memorandum of understanding (MOU) among the U.S, Department of the Interior, Bureau of Land Management (BLM), Carson City Field Office and the U.S. Department of Agriculture, Forest Service, Plumas National Forest is to outline and formulate a cooperative plan to ensure the continued support efforts for wildfire preventions, pre-suppression, suppression and cohabitation thru the sharing of the BLM facility Doyle Fire House,

Sierra Front to NorCal District, Eagle Lake Field Office and Lassen Modoc Plumas Unit CAL FIRE - Memorandum of Understanding

USDI Bureau of Land Management, Eagle Lake Field Office, Nor Cal District, the USDI Bureau of Land Management, Carson City District, and CAL FIRE, Lassen Modoc Plumas Unit. The purpose of this MOU is to provide efficient fire protection and suppression in the Eagle Lake Field Office’s District Protection Area in southeast Lassen County and northwestern Nevada. In addition, this MOU is intended to enhance the sharing of fire management resources and the utilization of closest forces in the completion of the agencies fire protection and suppression responsibilities.

Interagency Agreement between USDI, Bureau of Land Management Bishop Field Office and the USDA, Forest Service Humboldt Toiyabe

The purpose of this agreement is to document the cooperation between the parties to define the initial attack boundaries, suppression and dispatch responsibilities, provide engine and office space, duty officer coverage and provide maintenance for Topaz Station.

Operating Agreement between the US Forest Service Klamath National Forest, Rogue River-Siskiyou National Forest, Modoc National Forest and Six Rivers National Forest; California Department of Forestry and Fire Protection (CAL FIRE); Oregon Department of Forestry; Southwest Oregon District, Klamath/Lake District Office, Coos Forest Protection Association; National Park Service-Redwood National Park

Pre-planned mutual aid initial attack response by identifying the "closest forces" to each planned response area, agreeing to which resources will be automatically dispatched and entering that planned response in their individual dispatch databases.

Mutual aid will be provided for specific pre-planned initial attack response areas. Only initial attack response areas that border on an agency's DPA border will be considered for mutual aid. Resources identified for automatic initial attack for these response areas will be covered under mutual aid. All resources will be covered by CFMA and will provide mutual aid. All other resources being supplied by the supporting agency will be covered under assistance by hire.

Four-State Mutual Assistance Operating Plan (California, Nevada, Arizona, Utah)

This agreement is between Bureau of Indian Affairs: Colorado River Agency and Fort Yuma Agency; Bureau of Land Management: California Desert District, Las Vegas Field Office, Arizona Strip Field Office, Phoenix District Office, Yuma Field Office, Lake Havasu Field Office and Kingman Field Office; National Park Service: Lake Mead National Recreation Area, Mojave National Preserve, Death Valley National Park and Joshua Tree National Park; US Fish and Wildlife Service: Arizona Yuma Complex; US Forest Service: Spring Mountain National Recreation Area. The purpose of this agreement is to improve intrastate and interstate utilization of closest initial attack resources. Enhance coordination of fire management objectives between federal agencies in the four adjoining states within the first 24 hours of an incident.

Initial Attack Operating Plan Western Great Basin and California Coordination Centers.

This operating plan exists to document the intent of the participating agencies to provide specified fire suppression forces to each other. This plan is intended to document the agencies methods of complying with the National Interagency Mobilization Guide, Chapter 10 and provide for State of California resources which are often involved in this response. This plan in no way alters local initial attack (IA) agreements and, in fact, may enhance the execution of local IA agreements by improving the response time. Resources provided by CAL FIRE will be in accordance with CFMA, when responding to federal wildland agency incidents in Nevada.

Airspace Boundary Management Plan

The requirement for increased management and coordination is due to the possibility of two or more agencies/cooperators conducting simultaneous, uncoordinated aviation operations within those areas which would unknowingly put the responding aerial operations within close proximity to another, placing aircraft and crews at risk. The purpose of this plan is to identify such boundaries and initial attack zones and provide means of communication, coordination, and airspace deconfliction within those areas. Aerial operations on, or adjacent to agency/cooperator boundaries, and areas where a neighboring agency/cooperator provides fire suppression on lands administered by the adjoining agency/cooperator (mutual aid, shared, or exchanged initial attack areas or zones) require increased management and coordination.

Local Agreements
Numerous local agreements exist between Units in California. Many of the border units have initial attack agreements in place to request assistance from Units across GACC borders for initial attack resources.

Initial Attack Border Agreements
The purpose of the following agreements is to improve efficiencies and effectiveness by facilitating the exchange of information, personnel, equipment, aircraft, supplies and services among the bordering cooperating agencies.

Department of Interior, Bureau of Land Management: Northern California District, Winnemucca District, Lakeview District, Burns District and Vale District

Fish and Wildlife Service: Sheldon-Hart Mountain NWR, Malheur National Wildlife Refuge

Department of Agriculture, Forest Service: Fremont-Winema National Forest and Modoc National Forest
Oregon Department of Forestry-Klamath-Lake District

Selection areas in ROSS are open or can be opened to Units who have initial attack agreements.

Normally operational procedures are in place to return resources in a timely manner and not to utilize this process for extended needs. Contact the GACC to open these selection areas.

Non-Suppression Activity Agreements
Reimbursement Processes for Forest Service and Department of Interior
These agreements are in place for Non-Suppression activities, including fuels projects and rehabilitation of public lands.
Reimbursement process for non-suppression activities under Forest Service/DOI Master Interagency Agreement – extended to September 30, 2015

Agreement Number References:
FS Agreement # 10-IA-11130206-032
BLM Agreement # L10PG00569
BIA Agreement # AGFIRE10K101
NPS Agreement # G9560100055
FWS Agreement #93252-A-H100

Reimbursement Processes for Federal Agencies and CAL FIRE (CFMA)
Several provisions of the CFMA allow the Federal Agencies and CAL FIRE to jointly conduct cooperative projects and engage in certain non-suppression activities.
Reference the CFMA at: http://gacc.nifc.gov/oscc/cwcg/docs/2013cfma/FinalCFMA2013-2018.pdf

Reimbursement Process for Forest Service with Local Fire Departments
Cooperative Fire Agreements allow for the use of local fire department resources in certain non-suppression activities, i.e. prescribed burning. Reimbursement for these activities is different from processes used to reimburse for suppression activities.
Reference: http://www.fs.usda.gov/detail/r5/fire-aviation/management/?cid=stelprdb5363446

Interagency Facilities

Northern Region

Operations, Northern California Geographic Area Coordination Center (North Ops. ONCC):
Combines the U.S. Forest Service, the CAL FIRE Northern Region, the BLM Northern California Region, National Fish & Wildlife Service, Bureau of Indian Affairs, and the National Park Service into one cooperating unit. The facility is currently administered under a Memorandum of Understanding between these agencies. North Ops will maintain a file copy of this agreement.

Camino Interagency Command Center (CICC):
Combines the Eldorado National Forest, Lake Tahoe Basin Management Unit and CAL FIRE Amador- El Dorado Unit into one cooperating unit.

Fortuna Interagency Command Center (FICC):
Combines the Six Rivers National Forest, CAL FIRE Humboldt-Del Norte Unit, Redwood National Park, Hoopa Reservation, and the Humboldt Bay National Wildlife Refuge into one cooperating unit.

Grass Valley Emergency Command Center (GVCC):
Combines the Tahoe National Forest and CAL FIRE Nevada-Yuba-Placer Unit into one cooperating unit.

Mendocino Fire Center (MNFC):
Combines the Mendocino National Forest, Golden Gate NRA, Point Reyes National Seashore, Hawaii Volcanos National Park and Sacramento National Wildlife Refuge into one cooperating unit.

Modoc Interagency Command Center (MICC):
Combines Modoc National Forest, Lava Beds National Monument and the National Fish & Wildlife Lower Klamath Refuge into one cooperating unit.

Redding Interagency Command Center (RICC):
Combines the Shasta-Trinity National Forests, Whiskeytown National Recreational Area and CAL FIRE Shasta-Trinity Unit into one cooperating unit.

Susanville Interagency Fire Center (SIFC):
Combines the Lassen National Forest, BLM Northern California Region, Lassen Volcanic National Park, and CAL FIRE Lassen-Modoc-Plumas Unit into one cooperating unit.

Yreka Interagency Command Center (YICC):
Combines the Klamath National Forest and CAL FIRE Siskiyou Unit into one cooperating unit.

Southern Region

Operations, Southern California Geographic Area Coordination Center (South Ops. OSCC)**:**
Combines the U.S Forest Service, the CAL FIRE Southern Region, the BLM Southern California Region, National Fish & Wildlife Service, Bureau of Indian Affairs, and the National Park Service Dispatch functions into one cooperating unit. The facility is currently admnistred under a Mamorandum of Understanding between these agencies. South Ops will maintain a file of this agreement.

Angeles Emergency Communications Center (ANCC):
Combines the Angeles National Forest and Santa Monica Mountains National Recreation Area into one cooperating unit.

Central California Interagency Communications Center (CCCC):
Combines the Central California District BLM, Tule Indian Reservation, Kern National Wildlife Refuge, and Sequoia National Forest into one cooperating unit

Los Padres Interagency Communications Center (LPCC):
Combines the Los Padres National Forest and Channel Islands National Monument into one cooperating unit.

Monte Vista Interagency Command Center (MVIC):
Combines the Cleveland National Forest, Southern Californa Wildlife Refuge, Camp Pendelton Marine Base, Cabrillo National Monument, and CAL FIRE Monte Vista Unit into one cooperating unit.

Owens Valley Interagency Communications Center (OVICC):
Combines the Inyo National Forest and BLM Bishop Field Office into one cooperating unit.

Sierra Interagency Communications Center (SICC):
Combines the Sierra National Forest, Fish & Wildlife Service, and San Luis Wildlife Refuge into one cooperating unit.

San Bernardino Interagency Command Center (SBCC):
Combines the San Bernardino National Forest, BLM California Desert District, Death Valley National Park, Joshua Tree National Park, Mojave National Preserve and BIA-Southern California Agencies into one cooperating unit.

Appendix – Exhibits

Links for all forms
Interagency forms: http://www.nifc.gov/nicc/logistics/coord_forms.htm
CAL OES Web Page: http://www.caloes.ca.gov/

**All forms have been removed and can be found at the links listed above.*

Chapter10

Resources Extension Request:
http://www.nifc.gov/nicc/logistics/coord_forms/Extension_form.pdf

Chapter 20 & 30

CAL OES Name Request Justification Form
https://www.caloes.ca.gov/FireRescueSite/Documents/CalOES%20-%20Name%20Request%20Form%20-%2020140901uax.pdf

Preparedness/Detail Request Form
http://www.nifc.gov/nicc/logistics/coord_forms/detail_request_2014.pdf

Chapter 40

California Frequency Tones 195

National Mobile Food Service/Shower Unit Request Form:
http://www.nifc.gov/nicc/logistics/coord_forms/Food_Shower_Request_Form.pdf

Chapter 50

Incident Aircraft Certification Form 196

Aircraft Flight Request Form (FS 9400-1a)
Aircraft Flight Request Form (FS 9400-1a) Fire Traffic Area (FTA) Graphic
https://gacc.nifc.gov/rmcc/dispatch_centers/r2mtc/dispatch/Aviation_folder/Aircraft%20Flight%20Request.pdf

Interagency Request for Temporary Flight Restriction (FAR Part 91.137)
http://www.nifc.gov/nicc/logistics/coord_forms/tfr.pdf

Passenger and Cargo Manifest
http://www.nifc.gov/nicc/logistics/coord_forms/Crew_Manifest_Test_Form.pdf

Infrared Aircraft Scanner Order
http://www.nifc.gov/nicc/logistics/coord_forms/infrared_scanner.pdf

Documentaion of Contacts Requesting Deconfliction of Airspace by the Military Form
http://gacc.nifc.gov/oncc/logistics/aviation/docs/deconfliction.doc

Chapter 60

FC 106 Intercom Script 197

FC 106 Intercom Voice Out Script
http://gacc.nifc.gov/oncc/logistics/aviation/docs/12_aviation_dispatch_script.doc

Fire Class and Size Chart
https://www.nwcg.gov/term/glossary/size-class-of-fire

Resource Order Form:
http://www.nifc.gov/nicc/logistics/coord_forms/overhead.pdf

Emergency Release Form
http://www.nifc.gov/nicc/logistics/coord_forms/emergency_release_form.pdf

California Frequency Tones

STANDARD CTCSS TONES USED IN REGION 5

TONE	FREQUENCY	NAC
1	110.9	455
2	123.0	4CE
3	131.8	526
4	136.5	555
5	146.2	5B6
6	156.7	61F
7	167.9	68F
8	103.5	40B
9	100.0	3E8
10	107.2	430
11	114.8	47C
12	127.3	4F9
13	141.3	585
14	151.4	5EA
15	162.2	656
16	192.8	788

Incident Aircraft Certification Form

INCIDENT – AIRCRAFT CERTIFICATION

Date of Operation_____ Incident #_____
Incident Name_____ Request #_____
Responding Agency Aircraft ID_____FAA #_____
FLIGHT OPERATIONS CONDUCTED (Check where appropriate)

☐ Initial Attack
☐ Extended Attack

☐ Helicopter
☐ Airplane

☐ Respond with Crew
☐ Smoke Investigation
☐ Lightning Detection
☐ Aerial Firing Operations
☐ Firefighter Medevac
☐ Other _____

☐ Water Dropping
☐ Recon
☐ Crew Shuttling
☐ Air Operation
☐ Civilian Medevac

Significant or Imminent Threat (Check where appropriate)

☐ Death
☐ Serious Injury
☐ Damage to property
☐ Damage to natural resources

Private Sector Services Availability (Check where appropriate)

☐ Not Capable of Meeting Operational needs
☐ No Aircraft Available
☐ No Aircraft Available in a timely manager
☐ Aircraft on Order

Certifying Person:

Name:_____
Title:_____
Agency:_____
Date:_____
Time:_____

Person Receiving Information:

Name:_____
Title:_____
Agency:_____
Date:_____
Time:_____

Fax to the sending Unit of the aircraft.

FC 106 Intercom Script

All requests for agency initial attack and immediate need extended attack aircraft will be ordered through the GACC via the Intercom. The script below will be used to ensure all required information is conveyed in a standard format.

New Order
When aircraft is requested via the intercom it is assumed they are being requested for a wildland fire.

For use of aircraft on incidents other than a wildland fire, the incident type must be announced at the start of the intercom traffic. Example: North Ops, Fortuna, new order, Air Rescue. All incident, location and hazard information will be provided but the frequencies provided will be limited to what is being used for this incident type.

Required Information:	Examples:
Unit with the new incident addresses GACCs/Regions, Units/Forests, and air bases affected, based on where the requests have been placed in ROSS.	North Ops, Redding, Redding Air Attack Base, New Order (Wait for acknowledgement)
Incident Name	On Incident name Millville
Order Number	Order number SHU-5555
Descriptive Location (i.e. prominent landmark or community; do not use street addresses)	Descriptive location: Highway 44, 5 miles east of Palo Cedro
Legal Description and Latitude/Longitude Decimal minutes: read only 2 numbers past the decimal. 40 33.4051 would be 40 degrees 33 decimal 40 minutes. Read: four zero degrees; three three decimal four zero minutes. Read: one two two degrees; one zero decimal zero three minutes.	Legal: Section 6, Township 32 North, Range 2 East, off Mt. Diablo Latitude: 40 degrees 33 decimal 40 minutes; by Longitude 122 degrees 10 decimal 03 minutes.
FM Air Tactics, Frequency and Tone (if applicable) Read: one five one decimal two seven two five; Tone one, transmit and receive	Air Tactics: Air Tactics 21, 151.2725 Tone 1 Transmit & Receive
Air to Air AM (Victor) Frequency Read: one three five decimal five seven five.	Victor: 135.575
Air to Ground Frequency and Tone (if applicable) Read: one five nine decimal two six two five; tone sixteen on transmit and receive	Air to Ground: CDF Air to Ground 2 159.2625 Tone 16 Transmit & Receive
Ground Tactical (Frequency # given when tac is non-standard)	Ground Tactics: CDF Tac 6
Command Frequency and Repeater Tone (Frequency # given when Command is non-standard)	Command: SHU Local Tone 6.
Break	Break (Pause for North Ops/South Ops to acknowledge before continuing)

Request Numbers and resources dispatched or needed	Alpha 1, using Air Attack 240; Alpha 2, to Redding for 1 air tanker; Alpha 3, to Redding for 1 air tanker; Alpha 4, requesting one air tanker Alpha 5, using Copter 205
Other Aircraft	Other Aircraft: CHP Copter H13
Hazards	500 KV Power lines over the fire

Old Order, New Request – Immediate Need

Required Information:	Examples:
Unit with the existing old incident addresses their GACC/Region.	North Ops, Redding, old order SHU-5555, new request (Wait for acknowledgement)
Request Numbers and resources dispatched or needed	Alpha 6, requesting one air tanker, any type, Alpha 7, requesting one type 2 air tanker.

Old Order, Fill Information

Required Information:	Examples:
Unit/Airbase filling the request addresses the GACC/Region and requesting Unit and provides the order number of the incident the aircraft is being assigned to.	North Ops, Redding, Redding Air Attack Base, old order SHU-5555, aircraft information (Wait for acknowledgement)
Request Number, resource identifier, eta to incident and AFF Status of Aircraft.	Alpha 1, Air Attack 240 off Redding ETA 1520. (AFF Status of Aircraft) "Positive/Negative AFF".

Old Order, Release Information

Once the aircraft has departed their base and Fill Information is voiced over the intercom, the resource is considered to be released requiring release information from the requesting Unit. If positive radio contact has not been made with the responding aircraft, notify the GACC, sending Unit and Airbase by stating "Negative Contact". This advises the GACC, sending Unit and Airbase that the requesting ECC has not been able to contact the aircraft to advise them of the release.

An aircraft is considered "Canceled" only if prior to becoming airborne and receiving Fill Information the aircraft is determined not to be needed.

Required Information:	Examples:
Unit with the existing old incident addresses their GACC, sending Unit and Airbase.	North Ops, Oroville, Chico Air Attack Base, Redding old order, SHU-5555. aircraft release (Wait for acknowledgement)
Request Number, resource identifier, load status, the name of the base they are returning to and eta	On Alpha 4, Tanker 93 released with half a load, returning to Chico, ETA 1548.

Incident Information

If an incident is escalating and the ECC feels that it will need to continue ordering resources or will have resources committed for an extended length of time, providing a brief incident update over the intercom is appropriate. This update will allow neighboring Units to assess potential for resource requests. Updates are low priority traffic on the intercom.

Incident/Fire Update example;

"North Ops, Redding incident update on SHU-5555, the Millville incident. The fire is 150 acres with moderate rate of spread in grass, brush and oak woodlands. Potential for 500 acres. Anticipate additional orders for aircraft, crews, equipment and overhead."

FC106 Intercom Voice Out Script

North Ops, and/or South Ops _____ _____, _____
(ECC's and Tanker Bases you would Notify), (Your Unit)

New Order (Wait for acknowledgement from each location you contacted)

On Incident Name: _____ Order Number: _____
(3 letter unit identifier plus inc #)

Descriptive Location: _____
(Major Landmark, City, Town – something recognizable to a resource coming from out of the Unit.)

Legal: _____
(Section, Township, Range, and Meridian)

Latitude: _____ by Longitude: _____
(Degree, Decimal Minute format) (Degree, Decimal Minute format)

Air Tactics, _____; Victor, _____
(Frequency Name and Number) (Frequency Number)
(and Tone (if required))

Air to Ground, _____Ground Tactics_____
(Frequency Name, Number) (Frequency Name)
(and Tone (if required)) (Freq. # is optional, use if unfamiliar frequency)

Command _____
(Frequency Name, Repeater Tone)
(Frequency Number is optional, use if unfamiliar frequency)

Break (wait for OCC acknowledgement to continue)

Alpha One – Requesting (or Using if aircraft you direct dispatch) _____
Type of Aircraft

Alpha Two – Requesting (or Using if aircraft you direct dispatch) _____
Type of Aircraft

Alpha Three - Requesting (or Using if aircraft you direct dispatch) _____
Type of Aircraft

Alpha Four - Requesting (or Using if aircraft you direct dispatch) _____
Type of Aircraft

Other Aircraft: _____
(any aircraft at or going to incident not noted above)

Aircraft Hazards: _____
(Power lines, etc.)