Call to Order

A FIRESCOPE Board of Director’s meeting was held on Wednesday, January 8, 2020, and Thursday, January 9, 2020, at 23300 Castle St., Riverside, CA.92518. The meeting began at 1330 hours on January 8, 2020, and at 0830 hours on January 9, 2020. It was presided over by Chief Brian Fennessy.

Attendees

Voting members in attendance included:

Brian Fennessy, FIRESCOPE Vice-Chair, Orange County Fire Authority
Brain Marshall, Executive Coordinator, Fire and Rescue, Cal OES
Dan Johnson, representing CALFIRE
David Witt, Kern County Fire Department
Dave Richardson, representing LA County FD
Ralph Terrazas, Los Angeles City FD
Mark Hartwig, Santa Barbara County Fire Dept.
Bob Baird USDA Forest Service
Mark Lorenzen, Ventura County Fire Department
Scott Lucas, Bureau of Land Management
Tony Bowden, County Fire Depts. North
Colin Stowell, City Fire Depts. South
Rich Webb, Fire Districts North
Mike Minton, representing National Park Service
Jeff Gilbert, Volunteer Fire Departments

Members not in attendance included:

Daryl Osby, FIRESCOPE Chair, Los Angeles County Fire Department
Robin Wills, National Park Service
Mike Richwine, Cal State Fire Marshall/Cal Fire
Brian Rice, CPF
Mike Shrout California State Firefighters’ Association
Guests in attendance included:

Mark Ghilarducci, Cal OES
Jim Johnstone, FIRESCOPE, Cal OES
Cathy Johnson, FIRESCOPE, Cal OES
Yesenia Serafin, FIRESCOPE, Cal OES
Shelley Dorsey, FIRESCOPE, Cal OES
Art Torrez, Fire and Rescue, Cal OES
Lori Lopez, Fire and Rescue, Cal OES
Joy Budnovich, Fire and Rescue, Cal OES
David Stone, Fire and Rescue, Cal OES
John Salvate, Fire and Rescue, Cal OES
Larry Collins, Fire and Rescue, Cal OES
Kim Zagaris, Fire and Rescue, Cal OES
Pete Mercado, Fire and Rescue, Cal OES
Jeff Adams, Fire and Rescue, Cal OES
Mike Lococo, Fire and Rescue, Cal OES
Randy Unkovich, Fire and Rescue, Cal OES
Chris Mitchell, Cal OES
Shawn Newman, CAL FIRE
Mike Wilson, CAL FIRE
Dan Johnson, CAL FIRE
Carlos Calvillo, Los Angeles Fire Department
Graham Everett, Los Angeles Fire Department
Jeff Logan, Orange County Fire Authority
Jay Barkman, Orange County Fire Authority
Colleen Windsor, Orange County Fire Authority
Joel Lane, Orange County Fire Authority
Sean Fraley, Kern County Fire Department
Brian Rhodes, U.S. Forest Service
Tim McHargue, Colton Fire Department
Shanna Kuempel, Santa Clara County Fire Department
Lorenzo Gigliotti, Apple Valley Fire Protection District
Tim Werle, Los Angeles City Fire Department
David Richardson, Los Angeles County Fire Department
Ray Gayle, Ontario Fire Department
William Stamper, Riverside City Fire Department
Jessica Block, UC San Diego
Ilkay Altintas, UC San Diego
Kaitlin Klaustermeier, Boston Consulting Group
Daniel Acosta, Boston Consulting Group
Approval of Previous Minutes*
A motion to approve the minutes of the October 9, 2019 meeting.

- Made by Stowell
- Seconded by Witt.
- Motion approved.

RECOGNITION
Presentation of Appreciation to Retired Fire Chief Rich Webb City North Member.

Cal OES Director’s Update
Cal OES Director’s Report was presented by Director Ghilarducci.

- The Governor has a strong and aggressive support package outlined.
  - Budget:
    - Technology for fire cameras
    - Larger air tankers
    - Additional helicopters
    - Additional staffing to fill in gaps.
  - In addition to AB 111, $50 million toward California Public Utilities. Used to hold them more accountable. Wildland Safety Commission of the PUC to streamline the regulatory process.
  - PSPS possibly the most challenging item dealt with. Legislators are motivated.
  - Governor is proposing $1 billion go to local governments to address homelessness.
  - AB 38 wildfire mitigation financial assistance program. $110 million put into a grant program. Designed for local government to work with the state Home Hardening Program.
  - SB 209 was passed last year to establish a Wildfire Forecast and Threat Intelligence Integration Center. Includes $9 million and personnel for OES, Cal Fire, PUC and the Military Department.
  - Through OES an additional $50 million in grants to local governments for PSPS events.
  - Additional $25 million this year for prepositioning. Will have long term funding.
  - Additional $17.5 million for the maintenance and management of the
California Earthquake Early Warning System.
- At least 50 new positions in OES across the organization. Fire will get the benefit of some of them. Available later in the year.
- Seismic Safety Commission will be coming over to OES in 2020.

Cal OES Fire and Rescue Report

Cal OES report was presented by Chief Marshall.

- Prepositioning:
  - Has been in effect for over a year. 18 million has been spent on prepositioning this fiscal year.
  - 126 requests received last year for prepositioning.
    - 103 fire-weather
    - 22 mud and debris
    - One denied
  - During the October fire siege, prepositioning was used 64 times across the state. Regions 1 and 2 did the most.
  - Looking at improving how prepositioning interacts with CAL FIRE.
- AB74 Report
  - We will have to go before the Legislature to continue to receive $25 million in funding.
- Census 2020 (Phase 1)
  - Inventory of where fire resources are.
  - Fire stations.
  - How many engines, ladder trucks etc…
  - Staffing
  - Information to be put into GIS format and put on the map. Data will be available to everyone.
  - Ability to see California resource coverage.
  - Census should be available next week.

- SB209:
  - Development of the California Wildfire Forecast and Threat Intelligence Integration Center.
  - Collaborative effort between Agencies.
  - Coordinated effort to take in weather products for predicting fire weather and push it out across the state.
  - Additional meteorologist in the budget.
  - Intel Mobilization Center approved by Legislature for OES Fire and Rescue.
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- Purpose is Integration of technology and the dissemination of information. $9 million in funding for the first year.
- National Guard will be a part of the Wildfire Forecast and Threat Intelligence & Integration Center.

- Fire Apparatus:
  - 79 Type VI’s at HME under construction. Delivery in July 2020.
  - New OES Water Tender should be in California this week. Replacing Water Tender 12.
  - Seven engines ordered each year as part of a replacement plan for Type I engines.
  - 27 Type III’s are under construction at BME. Two are close to being finished.
    - Five going to Region 1.
    - One to Region 3.
    - Finalizing the rest.

CAL FIRE/SFM/SFT Update

CAL FIRE update was presented by Chief Dan Johnson.

- Treatment Goals:
  - 5,600 fires last year and 130,000 acres. Year before last, 6,000 fires and 800,000 acres.
  - Increase moisture statewide was beneficial.

- Resources:
  - Staffing 65 engines year round. Immediate 24/7 engines that can be moved anywhere in the state.
  - Four helicopters across the state with rescue capabilities.
  - Two crews at every camp for weekends. Normal weekday staffing.
  - Losing inmates. Numbers are down. More bills coming to release more inmates.
  - Fuels crews are working across the state.
  - 35 projects were very successful.
  - C-130 aircraft have been a challenge. Belong to the military and have to be transferred back and forth. Expect the first to be flying and dropping summer of 2021. All should be up and flying by 2024.

- Staffing and budget:
  - Craig Tolmie was promoted by the Governor to Chief Deputy Director.
  - Fire Marshal position is vacant: Mike Richwine currently acting.
  - Tony Mecham and Josh White currently acting Assistant Region Chiefs.
USFS/DOI Update
USFS/DOI update was presented by Baird, Lucas and Minton.

- USFS has a very heavy seasonal workforce.
  - 180 day assignments.
  - Working on addressing a more permanent workforce.
  - Given direct hiring authority in August.
- Fires in Australia
  - Worse than what we originally thought.
  - Volunteers are not paid. Have been working 2-3 months.
  - Continued need for IMTs.
  - Firefighter well-being is one of the biggest challenges being faced.
  - Mental health, well-being and retention are being looked at.
- Internal Review 2018
  - Top issue was firefighter well-being.
  - Concerns with hiring of hotshot crews. Process is being improved.
  - Working on enhancing external trust with other agencies.
- Only region in Department of Agriculture with SCBAs on their engines.
  - SCBAs are necessary for respiratory protection.
  - It has been a challenge proving the need for SCBAs.
- Interagency Fire Intelligence Exchange
  - Our internal arson program cannot be tracked by outside agencies.
  - Group has been formed to fight pyro terrorism.
  - Would like to take the Arson and Bomb Data Center’s approach to registering human caused fires nationally for all law enforcement to access.
- Staffing Changes:
  - New Deputy Director, Brian Rhodes.
  - New State Director for Bureau of Land Management, Karen Morrison.
  - Park Service hired a HR Specialist to help with multiple vacancies.
- Operations:
  - Staff is moved around annually to diversify their experience and knowledge.
  - No expected changes in aviation program.
  - Expecting to expand UAS program.
- Resources:
  - No increase in preparedness funding for the next 2-3 years.
  - More fuels funding over the next 3 years. 4 million dollars for communities at risk.
  - Putting ropes and step platforms on helicopters for rural areas and faster extraction.
- Received an exception to the 1039 hour limitation for just this year from OPM. Goes up to 1730 hours for temporary workers.
- No apparatus or organizational changes in Park Service.
- Adding slightly larger organization to Pacific Island Parks.
- No change in aircraft contracts.
- Contributing more time and attention to post fire.

Task Force/Ops Team Report

Task Force /Ops Team Report was presented by Richardson, Johnstone, and Kuempel.

- Task Force Report:
  - Staffing
    - Task Force – Shanna Kuempel new Chair. First female in the position since the inception of FIRESCOPE.
    - Task Force – Dave Gerboth is the new Vice Chair.
    - Task Force – Rob Capobianco elected as the new Secretary.
    - New member – Dave Brinsfield, DOI, interim representative.
    - Volunteer Fire Departments position remains vacant.
  - Upcoming events:
    - Fire Ops Technology Summit hosted by Esri is January 22 & 23.
  - Plan of Work:
    - Resource typing for rehab unit:
      - Assignment added to 2019 Plan of Work.
      - Reassigned to the EMS Specialist Group.
      - On track for January Ops Team and April Bod.
    - CAD to CAD aka Common Operating Platform:
      - EIT Group is looking at Common Operating Platforms and information sharing.
      - Depends on what happens with S.C.O.U.T. June 2020 vote expected for the project.
      - Task Force has assigned a member to liaison with SCOUT personnel.
    - CSM Peer Support documents (Behavioral Health Working Group) will be presented to the Ops Team in late January and BoD in April.
    - SART: Assigned to the FIRESCOPE Safety Specialist Group:
      - Tasked to develop a series of procedural checklists.
      - Serious Accident/Fatality - Field Personnel/Supervisors.
Serious Accident/Fatality – Command Staff/Agency Administrators.

Project has transitioned into a possible addition to the FOG for a 1-2 page checklist.

- **FOG Sales Report/FOG Revision Update**
  - 2019 total of 171 orders placed. 5,718 books sold. $34,208 in net sales.
  - 2018 total of 141 orders placed. 6,075 books sold. $36,450 in net sales.
  - In July of 2019 we started an online process for ordering books. Revenue increased by 30% even though a new product has not been introduced.

- **NIMS Review**
  - FIRESCOPE invited as a Sub Group Member. Newly formed group.
  - Only state focused organization that was invited to join in the nation.
  - MOA in the process of being signed.
  - Looking for SMEs to be FIRESCOPE representatives for the six sub-groups.

- **FIRESCOPE Strategic Plan**
  - Encompasses:
    - Mission of FIRESCOPE
    - Vision statement
    - Highlights areas of work through medium and long-range timelines.
  - FIRESCOPE Plan of Work to be incorporated
  - Analysis of the current model:
    - **Strengths**
      - ICS field tested and is a standard
      - Guidance documents are free from political bias/financial influence.
      - Membership reflects a wide range of experience and representation.
    - **Opportunities**
      - Education and awareness by statewide local, state, and federal fire agencies, but not currently in contact with FIRESCOPE.
    - **Challenges**
      - Apathy towards multi-agency collaboration.
      - National or other State Models that may be inconsistent with FIRESCOPE Models.
      - Local, State and National information sharing and FIRESCOPE’s ability to reach the next generation workforce.
      - Staying current with Emerging Technologies.

A motion to accept the FIRESCOPE Strategic goal documents

- Made by Hartwig
- Seconded by Stowell
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- Approved

- FIRESCOPE ICS 420-1.3 Area Command with Appendix
  - Purpose of appendix is to provide a guiding document on when Area Command is established in California and how it interacts with MACS. Changes were only made to Appendix A.
  - Highlights three items:
    - Benefits of the document.
    - Operating principles within the state regarding interactions between MAC Groups and Area Commanders.
    - Ongoing training.
  - Chief Marshall suggests that when documents are brought to the Board for approval, as part of the document package, include a clean and a track change version. Members will get a clear picture of where changes have been made. Includes the executive summary sheet*

A motion to approve that documents for approval should show track changes was:
- Made by Hartwig
- Seconded by Stowell
- Approved

- FIRESCOPE Marketing & Messaging White Paper
  - Discussed internal/external FIRESCOPE messaging and marketing.
  - Small FIRESCOPE vehicle decals are proposed.
  - Inviting Chiefs from local agencies to attend the Board of Director’s Meetings.
  - Participating in Fire Service Conference events.
  - Direct link to FIRESCOPE website on Fire Department web pages.
  - Automatic email system. Approximately $335 per month for 50,000 contacts.
  - Implementing FIRESCOPE orientation as a component with State Fire training Firefighter 1 curriculum.
  - Adding a FIRESCOPE component to the annual RT 130 curriculum.
  - Potentially integrating FIRESCOPE component into agency promotional processes.
  - April meeting discuss how to implement these recommendations.

- FIRESCOPE Wildland Preplan White Paper*
  - Determine what information is available to incoming Strike Teams in an area that they are unfamiliar with and what information is critical?
  - Need for funding to become a statewide platform that is available to all.
  - Information and maintenance of the program.
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- Needs to be in simple and in real time.

A motion to approve support of the ongoing efforts:
- Made by Hartwig
- Seconded by Baird
- Approved

- FIRESCOPE MACS 410-4 Revision*
  - Article of Operations Procedures
  - Primary changes include the biographies as a required document for Task Force, Specialist Groups, Ops and BoD members.
  - Current deadline for Plan of Works, Rosters is April 1st. New deadline for Plan of Works, rosters and election cycle is December 1, 2020. To be approved at January BoD Meeting.
  - Will take this off the MACS Exercise combined meeting agenda.
  - 2020 to be the first election cycle.

A motion to approve the Revision of MACS 410-4:
- Made by Hartwig
- Seconded by Gilbert
- Approved

- FIRESCOPE Quarterly Briefing Quarter 4, 2019*
  - Would like to dedicate a small section to Chief Webb for his service.

A motion to approve FIRESCOPE Quarterly Briefing:
- Made by Gilbert
- Seconded by Baird
- Approved

EMS Update

Hartwig presented EMS update.

- SB 438:
  - Dispatch shall not be privatized.
  - Some privatized dispatch systems have been grandfathered.
  - For an exclusive right to provide transport there has to be a bid for it, including state agencies and use of the Health and Safety Code.
  - Revenue is only gained from the EMS transport component.
  - Local EMS agencies are making the case that public airships/private partnerships cannot respond to medical emergencies, only rescue, without expressed authority and direction from the local EMS agency.
CFAA Update

Marshall presented CFAA update.

- Agreement Update:
  - Meeting held December 2019.
  - Able to get very specific instructions for the CFAA Committee to move forward.
  - In January, the CFAA reconvened and began work on renegotiation of the CFAA.
  - Current agreement expired December 31, 2019. Received an extension until April 30, 2020.
  - The Forest Service brought forward some items that they wanted to see addressed.
  - Six major items have been prioritized as the first items to be discussed and agreed upon.
  - Several other minor to moderate important sections will also be discussed.
  - Target date is the first of March for at least the concept agreement.
  - The goal is to have a fully executed CFAA agreement prior to the start of peak fire season.
  - All but two fire departments were reimbursed for 2018. That was due to issues with their billing.

CWCG Update  Cal MAC Exercise

Johnstone presented Cal MAC Exercise
Lucas presented CWCG update.

- CWCG IMT’s:
  - Lot of activities are hinging upon CFAA.
  - In process of reviewing Federal IMT applications. System that was going to be used was shut down December 1 due to a licensing issue.
  - January 1 switched to an alternate system. Pacific Northwest to use it.
  - Team selections will be the week of February 11.
  - IC selections done in October. Down staffed one team headquartered in Northern California.
  - Put emphasis on moving Type II trainees who apply for Type I IC roles into those training positions.
  - In an executive meeting in October, decided to keep everything unchanged for now. Robin Wills will remain chair of the Executive Group. Scott Lucas will take the Ops Group until the IMT meetings. Then Brian Marshall will take the Executive Group and the Ops Group will be Art Torrez.
  - NWCG chartered an IWDG that is trying to move to a single team type.
NWCG new committee, the Incident Positions & Standards Committee (IPSC) under what used to be the Operations Training Committee. Taking over the incident position description development as well as the future oversight of the qualifications process for NWCG ICS positions.

- **MACS Exercises:**
  - NOPS Exercise April 15, 2020 Redding
  - SOPS Exercise May 13, 2020 Riverside

**Mutual Aid System Update**

Gerboth, Marshall and Fennessy presented Mutual Aid System Update.

- Prepositioning/Mud & Debris Flow/Mobilization/Wildland Fire/Future All Hazard
  - Working Group was developed to come up with clear criteria.
  - Objectives were to review current guidelines and come up with improved guidelines, better score sheet, reference links and resources to be utilized.
  - Making sure to abide by AB 74.
  - Utilize technology in the formulation, prediction guidelines and track the time it took to complete.
  - After reviewing what exists, came up with four different products.
  - Updates were made to the score sheet, resource request form, approval form, and mud & debris flow links.
  - Significant changes are the 12 criteria specific to mud & debris flow.
  - Being made more relevant, objective and easy to use.
  - The links have been updated.
  - Working with GIS technology on links for population and infrastructure threats.
  - Working on preposition flooding events. Then working on civil unrest and any other all hazard events that may occur.
  - The USGS, Feds, and State will come in after a fire to determine burn severity and debris flow after a rain event.

A 3-part motion to approve:
1) FIRESCOPE Board support the continuance of a statewide effort to expand on the success of the FIRIS Platform Program.
2) Establish a FIRESCOPE ad hoc group to address the gaps and develop recommendations on how to improve the Intel cycle and accuracy of its products related to public notification, real time information and all other risk assessments.
3) FIRESCOPE Board support continued state funding for the WiFire and FIRIS Program.

- Lorenzen
- Terrazas
• Type VI Apparatus - Minimum number of personnel FOG vs. CFAA*
  ➢ 79 OES Type VIs will be coming into fleet throughout this year.
  ➢ Blue Ribbon Commission recommends three to four person staffing and
    CFAA requires minimum of three personnel.
  ➢ NWCG and current FIRESCOPE FOG states minimum of 2 personnel
  ➢ Discussed at last meeting.
  ➢ Adequate staffing & firefighter safety is the priority.

A motion to approve that the FIRESCOPE Board of Directors, through the Field
Operations Guide (FOG), state the minimum staffing on a Type VI apparatus for a
California Fire Rescue Mutual Aid assignment shall be three personnel:
  ➢ Made by Hartwig
  ➢ Seconded by Bowden
  ➢ Abstained - Baird
  ➢ Approved

• Statewide MACS 405/Auto Population – Google Sheets:
  ➢ Live information on resources for the State fire service. All OES
    Regions/OA’s are to utilize Google Sheets to capture real time available
    resources. Information to be used at all levels of the mutual aid system.

• AVL and Situational Awareness Product Survey/Common Operating Platform
  Update
  ➢ Budget is $17-20 million. Goal is AVL on every fire engine in the state.
  ➢ FIRESCOPE IT Group has been working on survey and census.
  ➢ Chief Marshall to distribute to all Regions - Make sure to fill them out.

• Expedited Resource Response (ERR) Pilot Program
  ➢ Region 1 Pilot Program. Introduced last year. Very successful.
  ➢ In February, we will have the Mutual Aid hearing in front of the legislature.
  ➢ Intended to improve the California Fire and Rescue Mutual Aid System.
  ➢ Los Angeles, Orange and Ventura are the three pilot program counties.
  ➢ Four of the largest agencies in California exchanging large numbers of
    resources, aircraft and mostly strike teams via phone calls and Master
    Mutual Aid (MMA) among themselves with OES oversight.
  ➢ ROSS was never built for expediting large numbers of resources quickly.
  ➢ Designed to reduce catastrophic losses.
  ➢ MMA resources being provided to one or more of the pilot program fire
    agencies shall be entered into ROSS as soon as possible.
  ➢ System based on trust.
  ➢ Bring ideas to the table for future pilot programs.
Presentations

- Presentation given on AT&T/First Net
- Presentation given on CPUC/BCG Utility Wildfire Mitigation Strategy
- Presentation given on FIRIS/ISR Platform Program

Old Business

**Chief Marshall presented old Business update.**

- **Blue Ribbon Commission Update:**
  - Discussed at last meeting.
  - Fennessy, Zagaris and Meston assigned as the working group. Focus is on where we are at, what has been completed, and what is still outstanding.
  - OES is attempting to hire Chief Meston as an RA to assist with the project.
  - Goal: having the report completed and back by the April BoD.

- **Public Utilities Power Shut Off Update:**
  - Continue to have discussion with the legislature.
  - Telecoms is a big issue.
  - $75 million went to local governments that were affected. Another $50 million to help prepare for future shut offs.

- **Private Resources on Incidents:**
  - Meston is drafting the regulations for the BoD to review. Still being worked on. More to follow.

New Business

**Chief Marshall presented New Business presentation.**

- **FIRESCOPE Meeting Locations/Meeting Extensions:**
  - Next meeting in San Francisco.
  - July - Orange County
  - October – Anaheim
  - January USFS
  - Moving locations across the state to improve engagement.

- **Board of Director Vacancies:**
  - City Fire Districts - North
  - Fire Districts - South
  - Fire Districts – North
  - Sending out vacancies to fill the positions. Still a lot of interest. Expecting them to be filled by April.
Roundtable

- Hartwig – Concern over Formed Fire Companies. Will discuss at the next meeting.
- Hartwig - Make-up of the board. What is the logic? Is there room to change the make-up of the board? Will put on agenda for next meeting and bring some historical context.

Adjournment

Fennessy moved for the meeting to be adjourned, approved at 02:45 p.m.