OPERATIONS BULLETIN # 31

Subject: Instructions for Entering Information into the California Fire Resource Inventory System (CFRIS)

The California Fire Resources Inventory System (CFRIS) application that resides on the FIRESCOPE website (www.firescope.org) is used to account for, and catalog all fire service mutual aid resources in California. This form was revised in format and content to facilitate implementation of a computerized resource inventory and tracking system. CFRIS information is also used to update the California Governor's Office of Emergency Services (Cal OES) Statewide Resource Directory.

The CFRIS application is located on the password restricted side of the FIRESCOPE website. You will be required to log into the FIRESCOPE website prior to gaining access to fill out your agency's resource inventory report. Each agency will be issued one CFRIS enabled login account.

Agencies can log on to this site: http://www.firescope.org/login-check-status-menu.php to determine if they have a CFRIS login account.

For agencies currently lacking the ability to log into the FIRESCOPE website, all login account requests are to be made via an email to the appropriate Cal OES Assistant Region Chief.

Click on the link for the region map   http://www.firescope.org/request-a-login.htm

You must provide the following in your email:
1. Name and Rank of person originally making the request.
2. Detailed explanation of what is being requested.
3. MACS 3 letter ID.
4. Cal OES vehicle number (if applicable).
5. Date of request.
6. Email address of person originally making the request.
7. Type of login account being requested (vehicle mileage or general/CFRIS) if applicable.

Once your login/ID account has been established on the FIRESCOPE website, you will be able to access the CFRIS application and all other applications/information that is on the restricted side of the website. This information is available only to members of the California Fire Service.

A computer generated recap of Regional and Operational Area resources is available to FIRESCOPE login account holders via the CFRIS application. **We request that each agency update their CFRIS report at least once every 365 days. Those who fail to update their CFRIS report at least once a year, may discover their ability to access additional applications on the**

FIRESCOPE website have been temporarily restricted or eliminated.

Agencies that do not have the capability to submit their resource information via the computerized system are requested to contact Cal OES, Fire and Rescue, FIRESCOPE staff at the Operations Coordination Center in Riverside at (951) 782-4174 and a hardcopy will be provided for submission.

INSTRUCTIONS: The following instructions are intended to clarify those items that are not self-explanatory:

- **Agency MACS-ID:** All fire departments, agencies and mutual aid operational areas in California have been assigned a three-letter designator which is used to identify individual agencies or operational areas dispatching resources. It is also used to track resources for reimbursement purposes.

- **Cal OES REGION:** The 58 counties in California are divided into six (6) mutual aid regions, each having a designated Regional Fire and Rescue Coordinator and a dispatch center.

- **OPERATIONAL AREA:** Every county in California is an "Operational Area" with a designated Fire and Rescue Coordinator (EXCEPTIONS: Los Angeles County has six operational areas identified alphabetically A, B, C, E, F, and G. The Tahoe Basin includes portions of El Dorado, Placer and Nevada Counties).

ADMINISTRATIVE INFORMATION:

- **DEPARTMENT INFORMATION:** State abbreviation, 3 letter identifier, i.e. CA, XOR.
- **CONSOLIDATED DISPATCH:** Is your dispatch provided by your agency, or is it consolidated with another agency/organization?
- **CAIRS NUMBER:** The California All Incident Reporting System number assigned the Department by CALFIRE/State Fire Marshal's Office.
- **PSAP AGENCY:** The Public Safety Answering Point utilized under the 911 System.
- **CalFIRE ADMINISTERED AGENCY:** Is your department administered by CAL FIRE?
- **Cal OES EQUIPMENT ON SIGHT:** Do you have Cal OES equipment at your department?
- **Cal OES FIRE AND RESCUE REGIONAL COORDINATOR:** Is your Chief the Regional Coordinator?
- **Cal OES FIRE AND RESCUE OPERATIONAL AREA COORDINATOR:** Is your Chief the Operational Area Coordinator?

PERSONNEL INFORMATION: The number and rank of personnel in your department.
- **AUX:** "Auxiliary Firefighter," a person recruited, *registered and trained as a supplement or reserve for unusual fire emergencies or disaster situations.

    *Registered with Disaster Council for the purpose of engaging in disaster service

pursuant to the California Emergency Services Act without pay or other consideration.

COMMUNICATIONS SYSTEM:

- Identify the type of primary system your agency operates on, VHF or UHF.
- Is your system Simplex, repeated, or trunked transmitters?
- Do you have radios installed or available to your mutual aid response resources that are compatible with FIRESCOPE Radio Communications Guidelines MACS 441-1?

- **PRIMARY RESOURCES:**

	RESOURCE	RADIO CALL	COMPONENTS	TYPES 1	2	3	4	5	6	7
11	Engine Company	Engine Telesquirt*	Pump minimum flow GPM	1,000	500	150	50	50	50	10
			Tank minimum capacity Gal	300	300	500	750	400	150	50
			At rated pressure (psi)	150	150	250	100	100	100	100
			Hose 2 1/2" Feet	1,200	1,000	-	-	-	-	-
			Hose 1 1/2" Feet	500	500	1,000	300	300	300	-
			Hose 1" Feet	-	.	500	300	300	300	200
			Ladder per NFPA 1901	Yes	Yes	-	-	-	-	-
			Master Stream 500 GPM minimum	Yes	-	-	-	-	-	-
			Pump and Roll	-	-	Yes	Yes	Yes	Yes	Yes
			Maximum GVWR lbs.	-	-	-	-	26,000	19,500	14,000
			Personnel minimum	4	3	3	2	2	2	2
	*Engine with elevated stream capability, specify when requested.									
12	Truck Company	Truck	Aerial Feet (Specify platform or ladder)	75	50					
			Elevated Stream GPM	500	500					
			Ground Ladders, Feet	115	115					
			Personnel	4	4					
13	Tactical Water Tender	Water Tender	Pump GPM	250	250					
			Water Tank Gallon	2,000	1,000					
			Personnel	2	2					
	*Pump and roll capability/foam proportioner must be special ordered									
14	Medical/ Non Transport	Rescue, Squad, Medic Engine	Non Transport, capability and personnel determined by local EMS authority	ALS	BLS					
15	Medical/ Transport	Ambulance, Medic	Transport, capability and personnel determined by local EMS authority	ALS	BLS					
16	Bulldozer	Dozer	Size	Heavy	Medium	Light				
			Horse Power	200	100	50				
			Operator	1	1	1				
			Example(s):	D-7, D-8	D-5, D-6	D-4				
17	Bulldozer Tender	Dozer Tender	Fuel – 100 Gallon							

	RESOURCE	RADIO CALL	COMPONENTS	TYPE1	TYPE 2
18	Hand Crew	Crew #	Personnel* Equipment and Transportation *Indicates <u>minimum</u> number of crew personnel including supervision.	• Highest training level • No use restriction • Fully mobilized • Highest experience level • Fully equipped • Permanently assigned supervision State CAL FIRE (13) Fly Crew (8) Federal Hotshot (18) Regular (18) Fly Crew (10) Local Government Inmate (12) Fly Crew (8) Paid (10) Hotshot (18)	• Minimum training or • Some use restriction or • Not fully mobilized or • Moderate experience or • Minimum equipment or • No assigned supervision Federal (Blue Card) (18) State (12)

	RESOURCE	RADIO CALL	COMPONENTS	TYPES 1	2	3	4
19	Fire Boat	Boat	Pumping capability GPM	5,000	1,000	250	
20	Foam Tender	Foam	Class B Foam Gallon Specify % Concentrate (1%, 3%, etc.)	500	250		

	RESOURCE	RADIO CALL	COMPONENTS	TYPES 1	2	3	4
21	Air Tanker	Tanker	Gallons	3,000	1,800	800	200
			Examples:	C-130, P-3	SP2H, P2V	S-2T	SEAT

	RESOURCE	RADIO CALL	COMPONENTS	TYPES			
				1	2	3	4
22	Helicopter	Copter	Seats, including pilot Card weight capacity lbs. Gallons Examples	16 5,000 700 Bell 214	10 2,500 300 Bell 204, 205, 212	5 1,200 100 Bell 206	3 600 75 Hiller 12E3T
23	Helitanker	Helitanker	Fixed Tank Air Tanker Board Certified 1,000 Minimum gallon capacity				
24	Helicopter Tender	Helitender	Fuel Equipment				
25	Helitack Crew	Helitack	Personnel (3) Equipment Transportation				
26	Aircraft Rescue Firefighting (ARFF)	ARFF	Class B Foam with proportioner and pump				

URBAN SEARCH AND RESCUE RESOURCE TYPES

Always use the prefix US&R for Urban Search and Rescue (US&R) Resources.
Order Single Resource or Strike Team by Type (Capability - HEAVY, MEDIUM, LIGHT, or BASIC)

	Type 1 (Heavy)	Type 2 (Medium)	Type 3 (Light)	Type 4 (Basic)
Type	• Heavy Floor Construction • Pre-Cast Concrete Construction • Steel Frame Construction • High Angle Rope Rescue (including highline systems) • Confined Space Rescue (permit required) • Mass Transportation Rescue	• Heavy Wall Construction • High Angle Rope Rescue (not including highline systems) • Confined Space Rescue (no permit required) • Trench and Excavation Rescue	• Light Frame Construction • Low Angle Rope Rescue • Single Person Load Rope Rescue	• Surface Rescue • Non-Structural Entrapment in Non-Collapsed Structures

	RESOURCE	RADIO CALL	COMPONENT	TYPES			
				1	2	3	4
27	US&R Company	Agency identifier US&R (phonetic) Number Identifier (VNC US&R 54)	Equipment Personnel Transportation	Heavy Inventory 6 *	Medium Inventory 6 *	Light Inventory 3 *	Basic Inventory 3 *
28	US&R Crew**	Agency Identifier Type Identifier Number Identifier (KRN-US&R Crew 2)	Personnel Trained to Appropriate Level Supervision Transportation	6	6	3	3
29	Regional US&R Task Force	Task Force Number Identifier (RTF-3)	Equipment Personnel Transportation	A Regional US&R Task Force is comprised of 29 persons specially trained and equipped for extended US&R Operations. Regional US&R Task Forces is self-sufficient for 24 hours.			
30	State/ National US&R Task Force	State ID Task Force Number Identifier (CATF-2)	Equipment Personnel Transportation	A State/National US&R Task Force (Type I or III) is comprised of personnel specially trained and equipped for large or complex US&R Operations. State/National US&R Task Forces are self-sufficient for 24-72 hours.			
31	Swiftwater/ Flood Search and Rescue Team (FRT)		Equipment Personnel Transportation	Type 1 Inventory 14 Member Team: 2 Managers 2 Squad Leaders 10 Personnel Equipment trailer Personnel transport vehicles	Type 2 Inventory 6 Member Team: 1 Squad Leader 5 Personnel *	Type 3 Inventory 4 Member Team: 1 Squad Leader 3 Personnel *	Type 4 Inventory 3 Member Team: 1 Squad Leader 2 Personnel *
* Requests should include vehicle capabilities when necessary (i.e., four-wheel drive, off-road truck, etc.).							
** The agency/department sending a US&R Crew will identify the Supervisor.							

	RESOURCE	RADIO CALL	COMPONENT	TYPES			
				1	2	3	4
32	Hazardous Materials Company	Haz Mat #	HAZMAT TYPE 1 Refer to Chapter 17 of the FIRESCOPE ICS 420-1 Field Operations Guide for components and personnel requirements* **www.firescope.org**	HAZMAT TYPE 2 Refer to Chapter 17 of the FIRESCOPE ICS 420-1 Field Operations Guide for components and personnel requirements* **www.firescope.org**		HAZMAT TYPE 3 Refer to Chapter 17 of the FIRESCOPE ICS 420-1 Field Operations Guide for components and personnel requirements* **www.firescope.org**	
33	Decon Unit						
*One company member trained to minimum level of Assistant Safety Officer Haz Mat (ICS-HM-222-5).							

- **SUPPORT RESOURCES:**

	RESOURCE	RADIO CALL	COMPONENTS	TYPES		
				1	2	3
34	Breathing Apparatus Support	Breathing Support	Filling Capability	Compressor	Cascade	
35	Crew Transport	Crew Transport	Passengers	30	20	10
36	Field Mobile Mechanic	Repair	Repair Capability	Heavy Equipment	Light Equipment	
37	Food Dispenser Unit	Food Dispenser	Servings/Meal	150	50	
38	Mobile Kitchen Unit	Mobile Kitchen	Servings/Meal	1,000	300	
39	Fuel Tender	Fuel Tender	Fuel Gallon Specify Gas, Jet Fuel, Diesel, Etc.	1,000	100	
40	Heavy Equipment Transport	Transport	Capacity Examples:	Heavy D-7, D-8	Medium D-6	Light D-4
41	Support Water Tender	Water Tender	Pump GPM Water Tank Gallon Personnel	300 4,000 1	200 2,500 1	200 1,000 1
42	Illumination Unit	Light	Lighting Units (500 watts each) Extension Cord Feet Specify: Mounted or Portable	6 1,000	3 500	
43	Mobile Communication	Comm	* Consoles/Workstations * Frequency Capability * Power Source * Telephone Systems * Personnel	2 Multi-Range*, Programmable Internal 6 Trunk/16 Extension Lines 2	2 Multi-Range*, Programmable Internal 2	1 Single Range** Programmable External 1
* Multi Range: 150-174 MHz, 450-470 MHz, 800 MHz (Simplex and Repeated) ** Single Range: 150-174 MHz only						
44	Portable Pump	-	Pumping Capacity GPM	500	250	50
45	Portable Repeater	-	Frequency Capability* *When requesting resource, need to specify frequency requirements			
46	Power Generator	-	Wattage Capacity Specify: Mounted or Portable	10,000	3,000	
47	Refrigeration Unit	Refer	Box length Feet	24	12	
48	Utility Transport	Utility		Over 1 Ton	1 Ton and Under	

- **OVERHEAD RESOURCES**: ICS Overhead personnel should meet the California Incident Command Certification System (CICCS) or National Wildfire Coordinating Group (NWCG-PMS 310-1 October 2012) Fire Qualifications. Additional information on ICS positions may be obtained from the FIRESCOPE ICS 420-1 Field Operations Guide (December 2012).

Identify Overhead Personnel As:

Certified: (i.e., the individual has received required ICS position training).
Qualified: the individual has been certified (trained), and has successfully functioned in the identified capacity on an actual incident.

49. **AIR OPERATIONS BRANCH DIRECTOR** - An individual who is ground based and is primarily responsible for preparing the air operations portion of the Incident Action Plan. The Air Operations Branch Director is responsible for implementing its strategic aspects, those that relate to the overall incident strategy as opposed to those that pertain to tactical operations.

50. **AGENCY REPRESENTATIVE** – An individual who is delegated the authority to make decisions on matters affecting that agency's participation at a multi-jurisdictional incident.

51. **AIR SUPPORT GROUP SUPERVISOR** – An individual who is primarily responsible for supporting and managing helibase and helispot operations and maintaining liaison with fixed-wing operations. This includes providing the following: fuel and other supplies, maintenance and repair of helicopters, retardant mixing and loading, keeping records of helicopter activity, and providing enforcement of safety regulations.

52. **AIR TANKER FIXED-WING COORDINATOR** – An individual who is primarily responsible for coordinating assigned air tanker operations at the incident. This position is always airborne.

53. **AIR TACTICAL GROUP SUPERVISOR** – An individual who is primarily responsible for the coordinating of aircraft operations (both fixed and rotary wing).

54. **BASE/CAMP MANAGER** – An individual who is responsible to insure that appropriate sanitation, security, and facility management services are conducted at the Base or Camp.

55. **COMMUNICATIONS UNIT LEADER** – An individual who is responsible for developing plans for the effective use of incident communications equipment and facilities; installing and testing of communications equipment; supervision of the incident communications center; distribution of personal communications equipment to incident personnel; and the maintenance and repair of communications equipment.

56. **COMPENSATION/CLAIMS UNIT LEADER** – An individual who is responsible for the overall management and direction of all administrative matters pertaining to compensation for injury and claims-related activities (other than injury) for an incident.

57. **COST UNIT LEADER** – An individual who is responsible for collecting all cost data, performing cost effectiveness analysis and providing cost estimates and cost savings.

58. **DIVISION/GROUP SUPERVISOR** – An individual who is responsible for the implementation of the assigned portion or a specialized group (such as structure protection group) of the Incident Action Plan, assignment of fire personnel and equipment to area and reporting of progress of control and or management of operations within the division/group.

59. **DEMOBILIZATION UNIT LEADER** – An individual who is responsible developing the Incident Demobilization Plan. Large and complex incidents will require a separate planning workload sometimes off incident site.

60. **DOCUMENTATION UNIT LEADER** – An individual who is responsible for the maintenance of accurate, up-to-date incident files, duplication services, and storage of incident files for analytical and historical purposes.

61. **DISPLAY PROCESSOR** – An individual who is responsible for the display of incident status information obtained from Field Observers, resource status reports, aerial and ortho photographs and infrared

data.

62. **EQUIPMENT MANAGER** – An individual who provides service, repair and fuel for all apparatus and equipment; provides transportation and support vehicle services; and maintains records of equipment use and service provided.

63. **FACILITIES UNIT LEADER** – An individual who is responsible for the layout and activation of incident facilities base, camps and incident command post. The unit leader provides sleeping and sanitation facilities for incident personnel and manages Base and Camps.

64. **FOOD UNIT LEADER** – An individual who is responsible for supplying the food needs for the entire incident, including all remote locations (Camps, Staging Areas) as well as providing food for personnel unable to leave tactical field assignments.

65. **FIRELINE EMERGENCY MEDICAL TECHNICIAN** – An individual who is qualified as a EMT-I or EMT II or EMT-P and can be mobile with associated equipment, and will hike or fly in to remote areas of a wild land incident to secure patients and may have to stay on the scene for long periods of time until replaced or relieved.

66. **FIELD OBSERVER** – An individual who is responsible to collect situation information from personal observation at the incident and provide this information to the Situation Unit Leader.

67. **FINANCE/ADMINISTRATION SECTION CHIEF** – An individual who is responsible for all financial, administrative and cost analysis aspects of the incident and for supervising members of the Finance/Administrative Section.

68. **GROUND SUPPORT UNIT LEADER** – An individual who is responsible for the following; support of out-of-service resources, transportation of personnel, supplies, food, and equipment, fueling, service maintenance, and repair of vehicles and other ground support equipment. Responsible for implementing the Traffic Plan for the incident.

69. **HELIBASE MANAGER** – An individual who is responsible for the management of resources, supplies, and special equipment, attached to the heilbase. Responsible for the overall safety at the helibase location.

70. **HELICOPTER COORDINATOR** – An individual who is primarily for coordinating tactical or logistical helicopter missions at the incident. The Helicopter Coordinator can be airborne or on the ground operating from a vantage point.

71. **INCIDENT COMMANDER** – An individual who is responsible for the overall management of the incident. The Incident Commander is selected by qualifications and experience.

72. **INFORMATION OFFICER** – An individual who is responsible for developing and releasing information about the incident to the news media, to incident personnel, and to other appropriate agencies and or organizations.

73. **LIAISON OFFICER** – An individual who is the primary contact point for the personnel assigned to the incident by assisting cooperating agencies. These are personnel other than those on direct tactical assignments or those involved in a unified command.

74. **LOGISTICS SECTION CHIEF** – An individual who is responsible for providing facilities, services, and

material in support of the incident. The Planning Section Chief participates in the development and implementation of the Incident Action Plan and activates and supervises the branches and units within the Logistics Section.

75. **MEDICAL UNIT LEADER** – An individual who is primarily responsible for the development of the Medical Plan, obtaining medical aid and transportation for injured and ill personnel and preparation of appropriate reports and records.

76. **ORDERING MANAGER** – An individual supply person who is responsible for placing all orders for supplies and equipment for the incident.

77. **OPERATIONS SECTION CHIEF** – An individual who is responsible for all the operations directly involved with the primary mission of the incident. The Operations Section Chief activates and supervises organizational elements in accordance with the Incident Action Plan. The Operations Section Chief also directs the preparation of unit operational plans, request or release of resources, makes changes to the Incident Action Plan as required.

78. **PROCUREMENT UNIT LEADER** – An individual who is responsible for administering all financial matters pertaining to vendor contracts, leases, and fiscal agreements.

79. **PLANNING SECTION CHIEF** – An individual who is responsible for the collection, evaluation, dissemination and use of information about the development of the incident and the status of resources.

80. **RECEIVING AND DISTRIBUTION MANAGER** – An individual who is responsible for receiving and distribution of all supplies and equipment and the service of all tools and equipment at the incident.

81. **RESOURCES UNIT LEADER** – An individual who is primary responsible for maintaining the status for all assigned resources (primary and support) at the incident.

82. **SAFETY OFFICER** – Is an individual whose function is to develop and recommend measures for assuring personnel safety, and to assess and/or anticipate hazardous and unsafe situations.

83. **STATUS/CHECK-IN RECORDER** – An individual who is responsible to insure that all resources assigned to the incident are accounted for.

84. **SECURITY MANAGER** – An individual who is responsible to provide safeguards needed to protect personnel and property from loss, damage, or theft.

85. **SITUATION UNIT LEADER** – An individual who is responsible for the collection, processing, and organizing of all incident information. This person may prepare projections of incident growth, maps and intelligence information.

86. **SUPPLY UNIT LEADER** – An individual who is primarily responsible for ordering personnel, equipment, and supplies; receiving and storing all supplies for the incident; maintaining an inventory of supplies; and servicing non-expendable supplies and equipment.

87. **STAGING AREA MANAGER** – An individual who is responsible for managing all activities within a Staging Area.

88. <u>**STRIKE TEAM LEADER (CREW)**</u> – An individual who is responsible for the direction, support, deployment, safety and demobilization of a strike team of crews.

89. <u>**STRIKE TEAM LEADER (DOZER)**</u> – An individual who is responsible for the direction, support, deployment, safety, and demobilization of a strike team of dozers.

90. <u>**STRIKE TEAM LEADER (ENGINE)**</u> – An individual who is responsible for the direction, support, deployment, safety and demobilization of a strike team of engines.

91. <u>**TOOL AND EQUIPMENT SPECIALIST**</u> – An individual who is responsible for sharpening, servicing, and repair of all hand tools.

92. <u>**TIME UNIT LEADER**</u> – An individual who is responsible for equipment and personnel time recording, and for managing the commissary operations.

93. <u>**DISPATCHER (INCIDENT)**</u> – An individual who has successfully completed the Incident Dispatcher Training Workshop and I-200.

94. <u>**MOBILE FIRE MECHANIC**</u> – An individual with the skills necessary to maintain, overhaul, test and troubleshoot fire apparatus and who can be mobile for the purpose of attending to fire apparatus on the incident to affect minor repairs to apparatus, pumps and/or accessories.

95. <u>**FIRST RESPONDER (MEDICAL)**</u> – An individual who is trained in basic life support according to the standards prescribed by the Health and Safety Code and who has a current and valid EMT-1 Certificate in the State of California issued pursuant to the Health and Safety Code.

96. <u>**EMERGENCY MEDICAL TECHNICIAN I (EMT-I)**</u> – An individual who is trained in basic life support according to the standards prescribed by the Health and Safety Code and who has a current and valid EMT-1 Certificate in the State of California issued pursuant to the Health and Safety Code.

97. <u>**EMERGENCY MEDICAL TECHNICIAN II (EMT-II)**</u> – An individual who has additional training in limited advanced life support according to the standards prescribed by the Health and Safety Code and has a valid certificate issued pursuant to the Health and Safety Code.

98. <u>**EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC (EMT-P)**</u> – An individual who is EMT-I or EMT-II and who has received additional training in advanced life support according to Health and Safety Code and who has a current and valid county certificate issued pursuant to the Health and Safety Code; formerly mobile intensive care paramedics.

99. <u>**CONFINED SPACE RESCUE OPERATIONS**</u> – An individual who has received training in confined space operations.

100. <u>**SWIFTWATER RESCUE I**</u> – An individual who has received training in Swiftwater Technician I.

101. <u>**SWIFTWATER RESCUE II**</u> – An individual who has received training in Swiftwater Technician II.

102. <u>**RESCUE SYSTEMS I**</u> – An individual who has received training in Rescue Systems I.

103. <u>**RESCUE SYSTEMS II**</u> – An individual who has received training in Rescue Systems II.

104.   **HAZARDOUS MATERIALS TECHNICIAN** – An individual who has successfully completed (Technician 1A, 1B, 1C and 1D – 160 hours) per California Code of Regulation Title 19 Section 2510-2560.

105.   **HAZARDOUS MATERIALS SPECIALIST** – An individual who has successfully completed the Technician level (160 hours) plus an additional 80 hours of training (Specialist 1F and 1G); per California Code of Regulation Title 19 Section 2510-2560.

106.   **HAZARDOUS MATERIALS INCIDENT COMMANDER** – A person that has completed the HMIC course at either the National Fire Academy or at the California Specialized Training Institute.

107.   **DISASTER SEARCH CANINE TYPE 1** – A disaster search canine that has successfully completed the FEMA Disaster Search Canine Readiness Evaluation criteria for both Type II and Type I.

108.   **DISASTER SEARCH CANINE TYPE 2** – A disaster search canine that has successfully completed the FEMA Disaster Search Canine Readiness Evaluation criteria for Type II.

109.   **ACCELERATE DETECTION DOG TEAM** – These dogs detect the presence of accelerates at a fire scene and are also used to recover evidence in arson investigations.

110.   **EXPLOSIVE DETECTION DOG TEAM** – Exposed to the principles of searching commercial and military explosives including firearms, ammunition and landmines.