



CA-US&R-RTF-4 TEAM INTRO 2022



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COURSE OBJECTIVES



- California (CA) US&R History (**Module 1**)
- Introduction to California Urban Search and Rescue Regional Task Force 4 (CA-RTF-4) (**Module 1**)
- RTF-4 Team Positions and Duties (**Module 2**)
- RTF-4 Deployment Policy, Dispatch Footprint, and Personnel (**Module 3**)

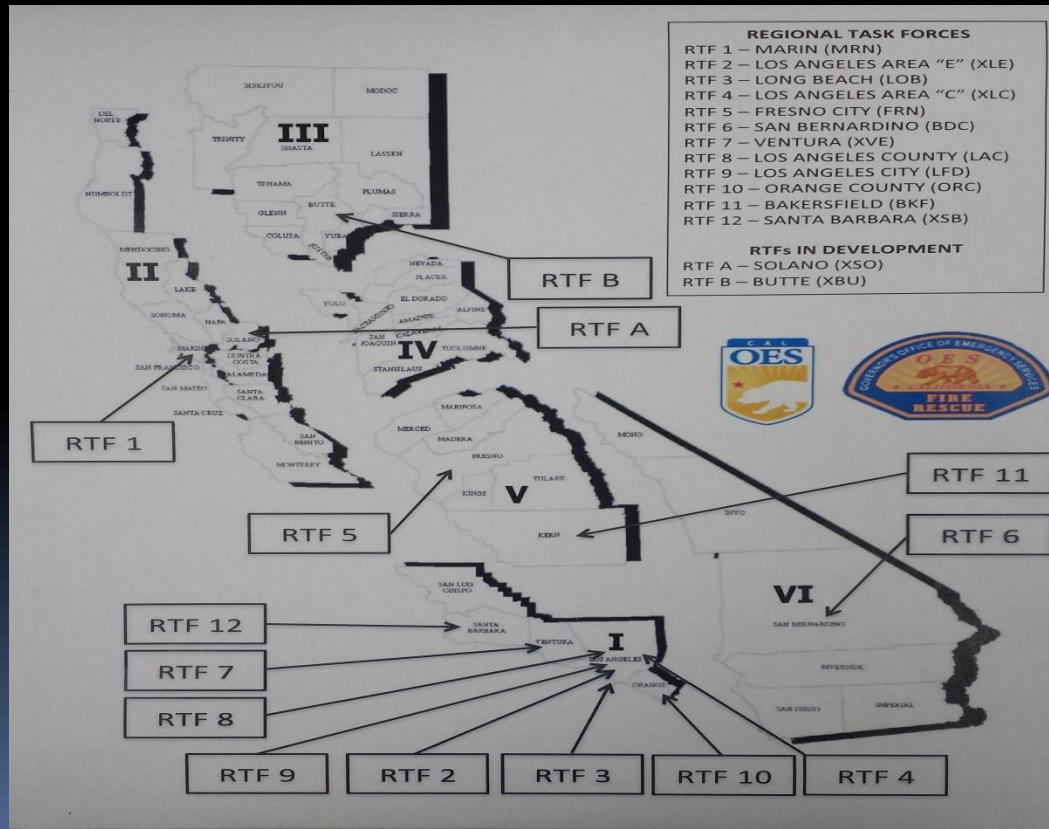


CA US&R HISTORY



MODULE 1

CALIFORNIA STATEWIDE SYSTEM





CA US&R HISTORY



Northridge Earthquake



Jan 1994



CA US&R HISTORY



Northridge Earthquake



Jan 1994



CA US&R HISTORY



La Conchita Mudslide: January 2005





CA US&R HISTORY



La Conchita Mudslide: January 2005





CA US&R HISTORY



Montecito Mud/Debris Flow: January 2018





CA US&R HISTORY



Camp US&R Assist: November 2018





CA US&R HISTORY



August 2005 Hurricane Katrina

All 8 CA FEMA US&R Task Forces deployed

State is concerned with US&R response plan

Recognize a need for US&R Regional Task Forces



CA OES US&R RESOURCE TYPES



- **The US&R “Company”**
 - Transportation, Equipment Cache, Required Personnel
 - Type 1, Type 2, Type 3, Type 4
- **The US&R “Crew”**
 - Personnel (Trained to appropriate level), Supervision, Transportation, Common Communications “*No Equipment*”
 - Type 1, Type 2, Type 3, Type 4
- **CA US&R Resource Types**
 - CA US&R Strike Teams: Companies / Crews
 - CA US&R Search Teams
 - CA US&R Canine Search Teams



CA OES US&R RESOURCE TYPES



- **US&R Strike Teams**
 - Ordered by Resource Type from the FIREScope OSD-162 / 420-1
 - 2 to 5 like US&R Resources
 - A Strike Team Leader
 - Common Communications
- **CA US&R Regional Task Forces (RTF)**
- **CA State / National (FEMA) Task Forces (TF)**



CA OES US&R RESOURCE TYPES



- **CA US&R Regional Task Forces**
 - A 30 Person specially trained team with transportation and equipment for extended large and complex US&R Operations such as Earthquakes, Flooding, Wildland, Mass Transportation Accidents, and WMD.
 - The Regional Task Force provides for five functional elements
 - Supervision
 - Search
 - Rescue
 - Medical
 - Logistics
 - *Regional Task Forces are designed to be deployed within 45 minutes of receiving a mission anywhere in California.*
 - Self Sufficient for 24 hours / Organized for 12 hour operational periods



CA OES US&R RESOURCE TYPES



■ CA State / National (FEMA) US&R Task Force

- A 72 Person specially trained team with transportation and equipped for large or complex US&R Operations.
- State / National Teams are self sufficient from 24 - 72 hours.
- State / National Teams strive to deploy within 4 hours by ground and within 6 hours by air
- State / National Teams provide for seven functional elements: **Supervision**, **Search**, **Rescue**, **Hazardous Materials (WMD)**, **Medical**, Logistics and **Planning**
- Slower methodical response model
- Very Specialized by Position / Strong logistical support.



CA OES US&R RESOURCE TYPE/CAPABILITY



- **TYPE 4: US&R *Basic***
- Surface Rescues *ONLY*
- Non-Structural Entrapment
- Rescue Operation in Non-Collapsed Structures
- Staffing Level
 - Company 3
 - Crew 3



CA OES US&R RESOURCE TYPE/CAPABILITY



■ **TYPE 4: US&R** *Basic*

- Pick Head & Flat Head Axe
- Sledge Hammers
- Hand Mauls / Chisels
- Crow Bars
- Hand Saws / Hack Saws
- 60 Inch Pry Bars
- Building Marking Kit
- Scoop Shovel
- Cribbing
- EMS Equipment



CA OES US&R RESOURCE TYPE/CAPABILITY



- **TYPE 3: US&R *Light (Truck)***
 - Rescue Operations in Light Frame Construction
 - Rope Rescue Awareness/Operations
 - Staffing Level
 - Company 3
 - Crew 3



CA OES US&R RESOURCE TYPE/CAPABILITY



TYPE 3 US&R LIGHT





CA OES US&R RESOURCE TYPE/CAPABILITY



- **TYPE 2: US&R
*Medium***
 - Heavy Wall Construction
 - Rope Rescue Operations
 - *Not including Highline Rope Systems*
 - Confined Space Rescue
 - *Non-Permit Required*
 - Trench and Excavation Rescue
 - Staffing is always 6



CA OES US&R RESOURCE TYPE/CAPABILITY



TYPE 2 US&R MEDIUM





CA OES US&R RESOURCE TYPE/CAPABILITY



■ **TYPE 1: US&R Heavy**

- Rescue in Heavy Floor Construction
- Rescue in Pre-cast Concrete Construction
- Rescue in Steel Frame Construction
- Rope Rescue Technician
 - Including High Lines Systems
- Confined Space Rescue Technician
 - Permit Required
- Mass Transportation Accidents
 - Planes , Trains and Automobiles
- Staffing is always 6



CA OES US&R RESOURCE TYPE/CAPABILITY



**TYPE 1
(US&R Heavy)**



CA US&R RTF'S



- CA RTF 1: Marin County
- CA RTF 2: Santa Fe Springs / XLE
- CA RTF 3: Long Beach
- CA RTF 4: Verdugo / XLC
- CA RTF 5: Fresno Fire
- CA RTF 6: San Bernardino County
- CA RTF 7: Ventura County/City/OXD
- CA RTF 9: *LA City (FEMA CATF-1)*
- CA RTF 11: Bakersfield
- CA RTF 12: Santa Barbara County



FEMA CA US&R TF'S (*The Great "8"*)



- CA FEMA TF-1: LAFD
- CA FEMA TF-2: LACoFD
- CA FEMA TF-3: Menlo Park
- CA FEMA TF-4: Oakland
- CA FEMA TF-5: Orange Co.
- CA FEMA TF-6: Riverside
- CA FEMA TF-7: Sacramento
- CA FEMA TF-8: San Diego



WHO IS CA-RTF-4?



- Pasadena
- Glendale
- Arcadia
- Monrovia
- Monterey Park
- Alhambra
- San Gabriel





CA-RTF-4 HISTORY



- Formed in 2006 by 7 agencies
- Two Deployments (Montecito & Paradise 2018)
- First Mobex 2013 (Santa Clarita)
- Need for improvement in specialty positions (AAR 2013 mobex)
- Second Mobex 2014 (Santa Fe Springs)
- Need for improvement in Recon & Search (AAR 2014 mobex)



CA-RTF-4 HISTORY



- Created an RTF-4 Deployment Policy 2016 (Dispatch Footprint)
- Third Mobex 2016 (Santa Fe Springs)
- Outstanding Performance- RTF-4 at the State's level of expectation
- Fourth MobEx 2018 (Del Valle)
- Good performance- Identify team leaders
- Fifth MobEx 2019 (Santa Paula)



CA-RTF-4 EXECUTIVE BOARD



- **Chad Augustin**, Fire Chief (PAS)- RTF-4
Sponsoring Agency Chief
- **Daniel Nausha**, Battalion Chief (PAS)- RTF-4
Program Manager
- **Robert Sepulveda**, Captain- RTF-4
Coordinator/PAS US&R Coordinator
- **Dan Claridge**, Captain- GLN US&R
Coordinator
- **Joe Herrick**, Captain- ARC US&R Coordinator



CA-RTF-4 EXECUTIVE BOARD



- **Rich Tullius**, Captain- MPK US&R Coordinator
- **Jose Herrera**, Captain- ALH US&R Coordinator
- **Chris Huson/Alex Arellano**, Captain/Engineer- MRV US&R Coordinator
- **Newton Ong**, Division Chief- SGB US&R Coordinator
- **Jeff Adams**, Assistant Chief- Special Operations
- **Larry Collins**, Deputy Chief- Special Operations



CA-RTF-4 EXECUTIVE BOARD



1. Meet four times a year
2. Ensure each department is accountable and committed to the team
3. Coordinate four RTF-4 drills a year
4. Set goals and objectives for the team
5. Recruit/mentor future RTF-4 members



RTF-4 TEAM POSITIONS & DUTIES



MODULE 2





RTF-4 MINIMUM QUALIFICATIONS



- CORE CLASSES:
- Rope Rescue Awareness/Operations
- Rescue Systems 1
- Rescue Systems 2
- Rescue Systems 3
- Trench Rescue Technician
- Confined Space Rescue Technician
- Rope Rescue Technician



RTF-4 TEAM POSITIONS



- US&R Regional Task Force Leader (1)
- US&R Regional Safety Officer (1)
- Regional Search Team Manager (1)
- Regional Technical Search Specialist (2)
- Regional Hazardous Materials Specialist (2)
- Regional Rescue Team Manager (1)
- Regional Rescue Squad Officer (2)



RTF-4 TEAM POSITIONS



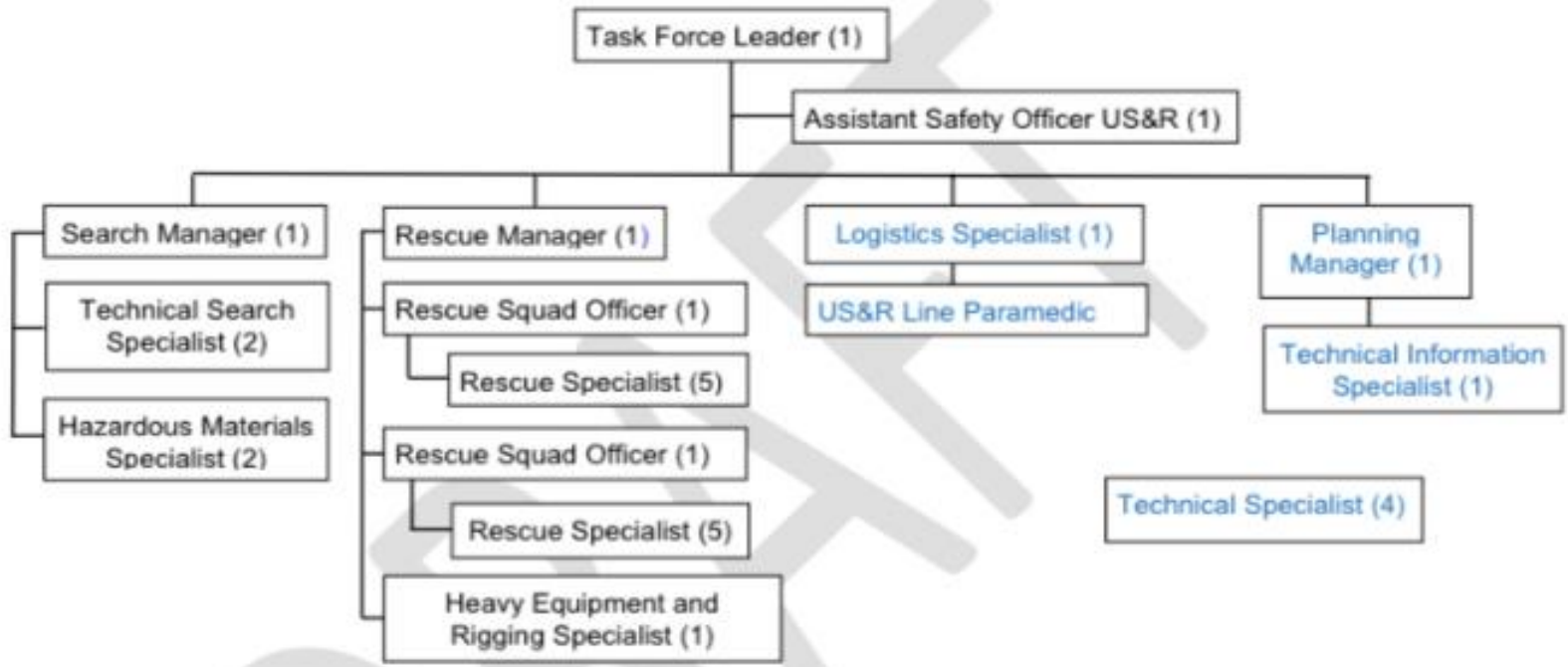
- Regional Rescue Specialist (10)
- Regional Heavy Equipment Rigging Specialist (1)
- Regional Logistics Specialist (1)
- Regional US&R Paramedic (2)
- Regional Planning Team Manager (1)
- Regional Technical Information Specialist (1)
- Technical Specialist (4)



RTF-4 MODEL



Regional US&R Task Force
(30 Personnel)





REGIONAL TASK FORCE LEADER



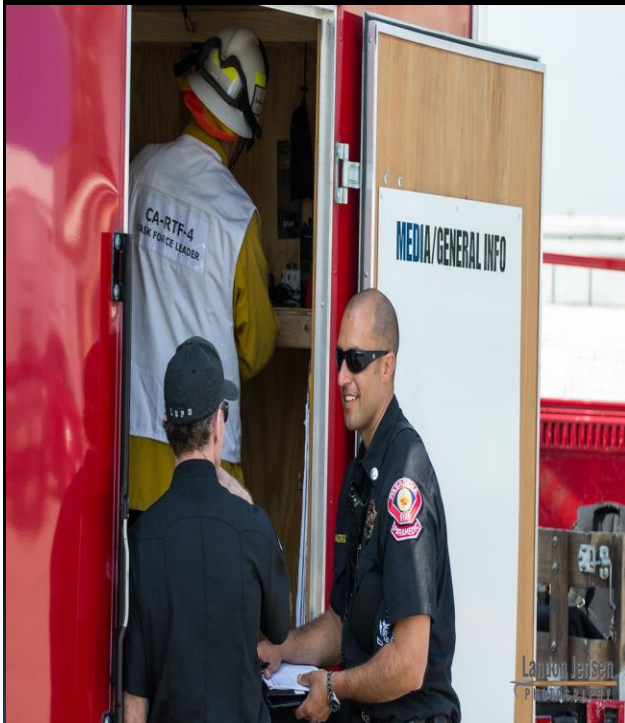
- Responsible for managing all aspects of a mission including operational and administrative issues from the time of activation through the return to the home jurisdiction.
- Includes all personnel and equipment resources as well as overseeing and directly supervising the task force management.
- Responsible for the development and completion of all task force tactical objectives as well as the proper reporting, record keeping, and after-action requirements.
- Reports directly to Incident Commander, or Operation Chief / Division Group Supervisor, or the Incident Support Team (IST) Leader.



REGIONAL TASK FORCE LEADER DUTIES



- Oversee the mobilization and movement activities of the task force.
- Familiarity with task force operations, including search, rescue, medical, logistical, and hazmat decontamination procedures.
- Developing and implementing the Task Force Tactical Action Plan.
- Addressing the coordination, management, and supervision of all task force activities.
- Ensuring the development of all task force organizational and logistical needs.





REGIONAL TASK FORCE LEADER DUTIES



- Receiving briefings and ensuring that all task force personnel are kept informed of mission objectives and status changes.
- Providing regular situation reports to the IC, Division or Group Supervisor or the IST Leader.
- Contacting the Cal OES AREP for assistance with problems encountered on the incident, including mechanical, operational, or logistical issues.
- Performing additional task and duties, as assigned during a mission adhering to all safety procedures.



REGIONAL TASK FORCE LEADER DUTIES



- Ensuring the completion of all the required reports and maintenance records.
- Ensuring incident stress management activities are planned and conducted
- Ensuring resource acquisitions are properly processed.
- Preparing performance evaluations- ICS-225 for assigned personnel.
- Manage all demobilization and return to readiness issues.



US&R REGIONAL SAFETY OFFICER



- Responsible for monitoring and assessing the safety aspects of the task force during training, exercises, and incident operations.
- Reports directly to the Task Force Leader.



US&R REGIONAL SAFETY OFFICER DUTIES



- Overseeing all health and safety of all task force personnel during day-to-day operations, training, and exercises as well as on deployment.
- Coordinating with task force Team Managers relative to the health, welfare, and safe operations of their assigned personnel.
- Preventing injuries and illness of task force members through appropriate administrative and engineering controls of hazards including enforcement of safety policies and procedures.
- Conduct site safety analysis, complete required ICS documents for IAP/TAP, develop safety messages and conduct safety briefings.
- Work with Task Force Team Managers to establish acceptable entry conditions and appropriate personal protective equipment to be worn by personnel entering the hazard zone.



US&R REGIONAL SAFETY OFFICER DUTIES



- Establish and enforce the use of a personnel accountability system to be used during training, exercises, and actual disaster deployments.
- Immediate intervention of activities to prevent the loss of life and prevention of injuries.
- Conduct incident/accident investigations with appropriate task force personnel under the direction of the Task Force Leader. Prepare post incident injury reports and submit them to the Task Force Leader.
- Preparing and maintaining entry permits, records, and reports.
- Performing additional tasks or duties as assigned.



REGIONAL SEARCH TEAM MANAGER



- Responsible for managing the search function of the task force or the search element during a US&R or technical rescue incident.
- Supervises the Technical Search Specialists.
- Reports directly to the Task Force Leader.



REGIONAL SEARCH TEAM MANAGER DUTIES



- Developing and implementing the search component of the Task Force Tactical Action Plan.
- Coordinating, managing, and supervising all search and reconnaissance activities.
- Participating in the oversight, administrative and operational control of the development, implementation, and operational aspects of search component training.
- Providing research and development input at the task force level for the implementation and evaluation of modern technologies, equipment, tactics, and skills as they pertain to the search component.
- Land navigation and site mapping.
- Determining search and reconnaissance operational, organizational, and logistical needs.



REGIONAL SEARCH TEAM MANAGER DUTIES



- Ensuring that all assigned personnel are kept informed of mission objectives and status changes to include briefings and debriefings.
- Preparing performance evaluations for assigned personnel.
- Provides situation updates, documents, and maintains records and reports.
- Providing oversight for accountability, maintenance, and minor repairs for all issued/assigned equipment.
- Performing additional tasks or duties as assigned.



REGIONAL TECHNICAL SEARCH SPECIALIST



- Responsible for performing the technical search function of the incident.
- Reports directly to the Search Team Manager.
- May operate as a single resource or as assigned to a task force, as appropriate.



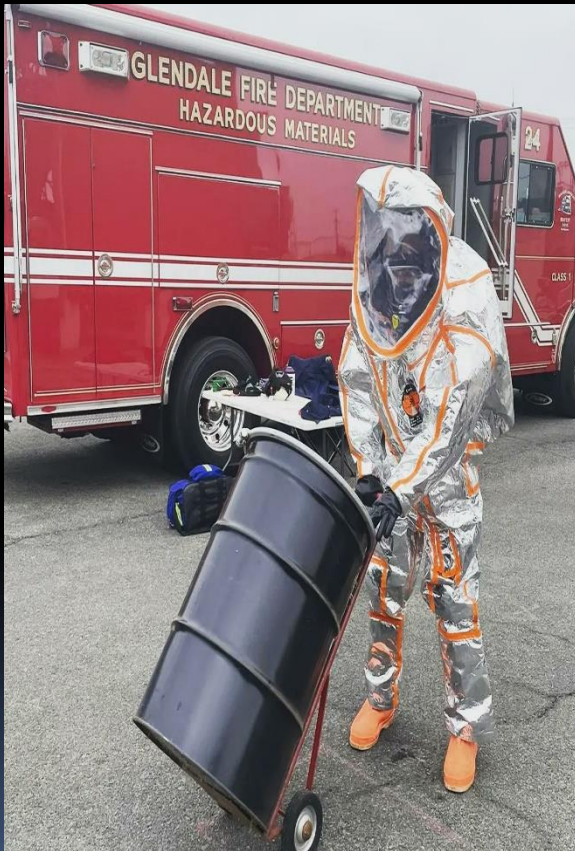
REGIONAL TECHNICAL SEARCH SPECIALIST DUTIES



- Searching structures in US&R environments or other locations indicated in the mission assignment, utilizing appropriate technical search equipment and techniques.
- Documenting and marking locations of victims, potential victims, and hazards.
- Making assessments using technical search equipment.
- Transfers search data to Technical Information Specialist or Plans Section personnel, as appropriate.
- Land navigation, site mapping and GPS operations.
- Cooperating with and assisting other search and rescue resources.
- Providing accountability, maintenance, and minor repairs of all issued equipment.
- Performing additional tasks or duties as assigned.



REGIONAL HAZMAT SPECIALIST



- Is responsible for performing the various hazardous materials functions for the task force during incident operations.
- Reports directly to the Task Force Leader or other supervisor, as appropriate.



REGIONAL HAZMAT SPECIALIST DUTIES



- Provide an initial and ongoing survey (detection, monitoring) for, and identification of, the presence of hazardous materials at search and rescue sites.
- Proficiency with the set up and use of decontamination systems and equipment.
- Directing decontamination for task force members, victims, canine, or equipment.
- Performing minor mitigation operations.
- Technical expertise to advise Team Managers regarding all hazardous material issues in order to plan for tactical operations.
- Document all related information regarding the incident
- Adhere to all safety procedures



REGIONAL HAZMAT SPECIALIST DUTIES



- Properly utilizing the detection monitors and devices in US&R cache.
- Proficiency in donning/doffing personnel protective equipment in US&R cache.
- Proficiency in building triage and US&R marking systems.
- Performing regular assessments for hazardous conditions, such as carbon monoxide from generators, or any other contaminants.
- Establishing and maintain a liaison with hazmat personnel from other resources.
- Performing additional tasks or duties as assigned.



REGIONAL RESCUE TEAM MANAGER



- Reports directly to the US&R Task Force Leader.
- Responsible for managing US&R Rescue Operations and supervising assigned resources



REGIONAL RESCUE TEAM MANAGER DUTIES



- Assisting in the development and implementation of the Task Force Tactical Action Plan.
- Coordinating, managing, and supervising all functional groups involved in rescue activities.
- Determining rescue organizational and logistical needs.
- Receiving briefings and situation reports and ensuring that all rescue personnel are kept informed of mission objectives and status changes.
- Providing situation updates and maintaining records and reports.
- Preparing performance evaluations for assigned personnel.



REGIONAL RESCUE TEAM MANAGER DUTIES



- Ensuring accountability and maintenance for all issued equipment.
- Ensuring accountability of all assigned personnel.
- Provide a mission specific Rapid Intervention Plan including personnel and equipment needs.
- Performing additional tasks or duties as assigned.



REGIONAL RESCUE SQUAD OFFICER



- Is responsible for supervising one or more Task Force Rescue Squad(s).
- Reports directly to the Rescue Team Manager.



REGIONAL RESCUE SQUAD OFFICER DUTIES



- Directly supervising Rescue Squad(s) and other assigned personnel.
- Implementing the rescue component of the Task Force.
- Determining organizational and logistical needs for the Rescue Squad(s) and work site.
- Providing periodic progress reports to the Rescue Team Manager.
- Maintaining records and reports.



REGIONAL RESCUE SQUAD OFFICER DUTIES



- Preparing performance evaluations for assigned personnel.
- Ensuring accountability and maintenance for all issued equipment.
- Evaluating and modifying rescue tactics as needed
- Performing additional tasks or duties as assigned.



REGIONAL RESCUE SPECIALIST



- Is responsible for performing the rescue function of the Task Force incident operation.
- Reports directly to a Rescue Squad Officer.



REGIONAL RESCUE SPECIALIST DUTIES



- Implementing technical skills and operating equipment necessary for completing the rescue portion of the action plan.
- Performing rescue operations under the direct supervision of a Rescue Squad Officer and providing periodic progress reports as needed.
- The operation and routine field maintenance of rescue tools and equipment.
- Ensuring accountability and maintenance for all issued equipment
- Evaluating and modifying rescue tactics as needed.
- Performing additional tasks or duties as assigned.



REGIONAL HEAVY EQUIPMENT RIGGING SPECIALIST



- Is responsible for performing various assessments and construction-related liaison for the task force during incident operations.
- Reports directly to the Rescue Team Manager.



REGIONAL HEAVY EQUIPMENT RIGGING SPECIALIST DUTIES



- Ensure the safety of Task Force members at disaster sites pertaining to the positioning and operations of cranes and other heavy equipment.
- Assess the need for and capabilities of several types of construction-related equipment to assist task force personnel in US&R activities.
- Preparing site for and assisting with positioning and setup of cranes and other heavy equipment.
- Identify various rigging techniques to assist in the rescue of victims or stabilization of collapsed buildings, including development of rigging plans and procedures.
- Interact with and coordinate efforts between the task force personnel and heavy equipment operators, contractors, and organized labor.



REGIONAL HEAVY EQUIPMENT RIGGING SPECIALIST DUTIES



- Adhering to all safety procedures.
- Providing documentation to assist Task Force in procuring cranes and other heavy equipment, as well as maintaining daily logs.
- Providing accountability, maintenance, and minor repairs for all issued equipment.
- Performing additional tasks or duties as assigned.



REGIONAL LOGISTICS SPECIALIST



- Is responsible for ensuring the preparation and maintenance of the task force equipment cache.
- Reports directly to the Task Force Leader.



REGIONAL LOGISTICS SPECIALIST DUTIES



- Coordinate the transporting, distribution, and maintenance of the Task Force equipment prior, during, and after mission assignments.
- Procure equipment as directed by the Task Force Leader.
- Ensure accountability and security of the task force equipment cache.
- Maintain accurate and timely records and reports.
- Adhere to all safety procedures.



REGIONAL LOGISTICS SPECIALIST DUTIES



- Maintain and repairs the task force equipment cache.
- Assist with over-all management of task force facilities and fleet.
- Coordinate with military and/or civilian officials for transportation needs.
- Perform additional tasks or duties as assigned.



REGIONAL US&R PARAMEDIC



- Reports directly to the Task Force Leader or Rescue Team Manager as appropriate.
- Responsible for performing the medical function of the task force or for a single resource during incident operations.



REGIONAL US&R PARAMEDIC DUTIES



- The general health considerations of and delivery of medical care to all single resource resources they are assigned to and/or task force personnel, victims, and search dogs, during disaster events.
- Implementing the medical action plans specified by the incident.
- Accountability, maintenance, and minor repairs for all issued equipment.
- Performing additional tasks or duties as assigned.



REGIONAL PLANNING TEAM MANAGER



- Responsible for planning aspects of the Task Force during incident operations.
- Supervises the Technical Information Specialist.
- Reports directly to the Task Force Leader.



REGIONAL PLANNING TEAM MANAGER DUTIES



- Developing and implementing the operational planning of the Task Force.
- Coordinating, managing, and supervising all planning component activities.
- Determining the planning component organizational and logistics needs.
- Receiving briefings and situation reports and ensures that all planning personnel are kept informed of status changes.
- Providing situation reports and maintaining records and reports.
- Performing additional tasks or duties as assigned.



REGIONAL TECHNICAL INFO SPECIALIST



- Is responsible for documenting, tracking, data transfer and retrieving all pertinent information for the Task Force during incident operations.
- Reports directly to the Planning Team Manager or appropriate supervisor .



REGIONAL TECHNICAL INFO SPECIALIST DUTIES



- Gathering requested information from all available sources and forwarding to the Planning Team Manager for incorporation in the planning function.
- Transferring operational data generated from search & rescue operations to appropriate incident and task force managers.
- Creating, displaying, providing, and compiling documentation for all pertinent Task Force and incident information via written, audio, and visual mediums.
- Performing additional tasks or duties as assigned.



TECHNICAL SPECIALIST



- These four positions are designed to be flexible depending on the team and incident needs. (i.e.: second HERS, TIS, TSS, RSO, etc.)



RTF-4 ADVANCE TEAM



- Regional Search Team Manager (1)
- Regional Rescue Team Manager (1)
- Regional Technical Search Specialist (2)
- Regional Planning Team Manager (1)
- Regional Safety Officer (1)
- Regional Task Force Leader (1)

Apparatus: US&R Trailer 63 (BoO, 2 UTV)
Utility 61, & BC3



RTF-4 DEPLOYMENT POLICY (MODULE 3)



- The lessons learned from 2013 Mobex showed a disconnect between Verdugo and RTF-4 (communications and dispatching team)
- US&R workgroup was formed in 2015 and set goals/objectives for a dispatch footprint and a deployment policy (No such policy exist since RTF-4 inception)
- Draft RTF-4 deployment policy created in Jan 2016 and was approved by Area C Fire Chiefs in June 2016



RTF-4 DEPLOYMENT POLICY



- RTF-4 positions/mission
- Participating agencies
- Daily roster sign up
- Dispatch footprint (Apparatus)
- Designated rally points
- Executive working group
- Personnel qualifications



RTF-4 DISPATCH FOOTPRINT & PERSONNEL



1. **Pasadena**- US&R 32 (4) US&R Trailer 32, 4x4 Truck and 1 Utility Task Vehicle (3) and BC₃ (1)
2. **Glendale**- US&R 21 (3), US&R Trailer 21, 4x4 Truck and 1 Utility Task Vehicle (2)
3. **Arcadia**- US&R 106 (3)
4. **Monrovia**- Engine 701 (3)



RTF-4 DISPATCH FOOTPRINT & PERSONNEL



5. **Monterey Park**- US&R Trailer 63 (3) Base of Operations, 4x4 Truck, two Utility Task Vehicles, and Utility 61 4x4 Truck (3)
6. **Alhambra**- US&R Trailer 71 (3) 4x4 Truck, one Utility Task Vehicle
7. **San Gabriel**- US&R Trailer 51 (1), 4x4 Truck with one Utility Task Vehicle



RTF-4 DISPATCH FOOTPRINT





CONCLUSION



- RTF-4 has deployment model of fast, light, mobile, highly trained, and self sufficient for 24hours.
- Capable of supervision, search, rescue, medical, and logistics in **ANY ALL HAZARD DISASTER.**
- RTF-4 is ready for any mission in the State and is in ROSS/IROC as of 5/2017.
- RTF-4 continues to need Area "C" Fire Chief support from all agencies.



CONCLUSION



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CA-RTF-4

