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## VEHICLE EXTRICATION RESPONSE SOG

### **SCOPE**

This SOG addresses a vehicle extrication response, how it will be optimally staffed, what apparatus will respond and how the response will be conducted.

### **PURPOSE**

This SOG outlines the procedures for responding to vehicle extrication and how the response should be conducted.

### **DEFINITIONS**

**SHALL** – Indicates a mandatory requirement.

**Standard Operating Guidelines (SOG)** – Documents that help establish how an organization will operate and how its members are expected to carry out specific duties outlined in general terms.

### **REFERENCES**

### **GUIDELINES**

### **STAFFING**

- The crew shall consist of Rescue Technicians (RT) who are Vehicle-Machinery Rescue (VMR) qualified and EMT-B certified. Non-qualified personnel will respond only in lieu of a RT/EMT.

### **CREW POSITIONS**

- Engineer – drives the vehicle safely to the scene. Operates the generator, power source for the hydraulic power tools and the air compressor. Operates the wench and tower lights. Establishes an electrical system to support rescue efforts. Moves required equipment from the vehicle to staging or the rescue scene. Functions as a rescuer if designated by the IC.
- Officer – assumes command if no senior officer is present. If the unit has been requested mutual aid, coordinates requirements with the IC. Responsible for the safety and supervision of the crew. Conducts scene size up, determines any hazards, develops the rescue plan(s), and develops the tactics to affect the rescue. Supervises and refines the operation as necessary.
- Rescuer 1 – responsible for patient assessment, determining priority of patient removal and the urgency of removal. Assists Rescuer 2 in stabilizing the vehicle. Operates rescue tools as directed.

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- Rescuer 2 – responsible for stabilizing the vehicle and positioning rescue tools for use. Operates rescue tools as directed.

#### **RESPONSE:**

- 1376 and an Engine will respond to all vehicle extrication calls within our district. If the Rescue Truck is requested out of district, it will respond with the duty officer and crew, and unless requested, no Engine will respond.
- Only RT qualified personnel will respond Mutual Aid.

#### **OPERATIONS**

- The senior fire officer on scene will be the IC. Command will be established. ICS will be instituted and utilized.
- Communications with county/city dispatch will be maintained throughout the incident.
- Patient care will be provided by SPFD until CCEMS personnel arrive on scene. At this time, patient care will be transferred from SPFD to CCEMS.
- RT qualified personnel will conduct the rescue operation. Non-RT qualified personnel will be used in support (fire protection, lifting, etc).

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The rescue scene will be divided into three zones:

- **Hot Zone** – a 10 – 20 foot circle around the actual vehicles rescue operations are being performed upon. Personnel within this zone will be those involved in actual rescue operations. Equipment will be limited to that which is immediately required to affect rescue. All personnel operating in the Hot Zone will be in full protective gear.
- **Warm Zone** – a 15 – 30 foot circle around the actual vehicles rescue operations are being performed upon. Personnel within this zone will be those waiting to be used in the rescue operation and those involved in fire protection. The IC will position between the Hot and Warm Zones.
- **Cold Zone** – the area outside the Warm Zone where manpower, equipment and apparatus is positioned.

#### **POSITIONING**

The Rescue Truck will be placed in the most advantageous position to facilitate use of its tools. Sufficient space shall be provided to ensure the vehicle will not be endangered by a flash fire or explosion.

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- The responding Engine will block the lane of traffic to provide a safe working area for rescuers.
  - Traffic cones will be placed to designate and cordon off the safe working area.
  - At a minimum, a 1 ¾ inch line will be stretched, manned and charged to afford fire protection for the rescue crews. An officer will be assigned to this crew by the IC.
  - Tower lights from the responding apparatus will be used during periods of low visibility and darkness. At a minimum, the Warm and Hot Zones will be illuminated.

In the event Air Medical Evacuation are required, additional units will be special called to set up the landing zone. The IC will designate the Landing Zone Officer.

All vehicles will be fully stabilized prior to extrication activities. Hazards (wires, tires and fires) will be mitigated prior to rescue operations. All vehicles encountered in rescue operations will be considered "totaled" from the start of the operation with care and concern for the vehicle not a major concern for rescue personnel.

Rescue operations will be conducted with sufficient care as if you or your family were the patients in the vehicle.

Command will be terminated at the conclusion of the incident.

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