

*Oakland County Medical Control Authority*  
**SPECIAL OPERATIONS**  
MASS CASUALTY INCIDENTS

January, 2016

Section 10-6

### ***Mass Casualty Incidents***

The purpose of this protocol is to provide a uniform initial response to a Mass Casualty Incident (MCI).

#### **DEFINITIONS**

“Mass Casualty Incident” (MCI) is defined as any incident, which because of its physical size, the number and criticality of its victims, or its complexity, is likely to overwhelm local resources. A Mass casualty incident suggests that county, state or national resources may be mobilized for assistance.

“Multiple Casualty Incident” is an incident that a single Life support agency (LSA) is capable of dealing with alone or with the use of local mutual or automatic aid partners.

The distinction between a “multiple casualty incident” and a “Mass Casualty incident” (MCI) does not lie in the number of patients or the extent of the damage but rather the resources needed to deal with the situation.

#### **SECTION 1**

Section 1 gives direction to the first responders on scene for establishing Incident Command and Start Triage.

#### **SECTION 2**

Section 2 gives direction on continuation or escalation of an incident.

#### **SECTION 3**

Section 3 gives direction to set up a communications system.

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**SECTION 1**

First arriving personnel should accomplish the following actions:

- **Senior officer/Senior crew member**
  - Confirm the incident location
  - Assume and announce command
  - Conduct a scene safety assessment and survey to determine:
    - Approximate number of victims
    - Resources needed
  - Contact dispatch:
    - Provide update of incident details (including approximate number of patients)
    - Request additional resources and confirm they are enroute
  - Transfer command when appropriate
- **Crew member**
  - Assume duties as Triage Officer
    - Begin the triage process utilizing the START or Jump START system
    - Ensure patients are being identified with a minimum of the colored triage system.

### START Triage

ASSESS - TAG - MOVE ON	
■	WALKING WOUNDED
■	NO BREATHING (after head tilt)
■	RESP. <10 or >30 CAP REFILL < 2 sec. or no radial pulse MENTAL STATUS CHANGE
■	OTHER
Initial treatments allowed: Opening airway and bleeding control	

### PEDIATRIC - START Triage - PEDIATRIC

ASSESS - TAG - MOVE ON	
■	WALKING WOUNDED
■	NO BREATHING (after head tilt and <b>rescue breaths</b> )
■	RESP. <15 or >45 CAP REFILL < 2 sec. or no radial pulse MENTAL STATUS CHANGE
■	OTHER
Initial treatments allowed: Opening airway, <b>rescue breaths</b> and bleeding control	

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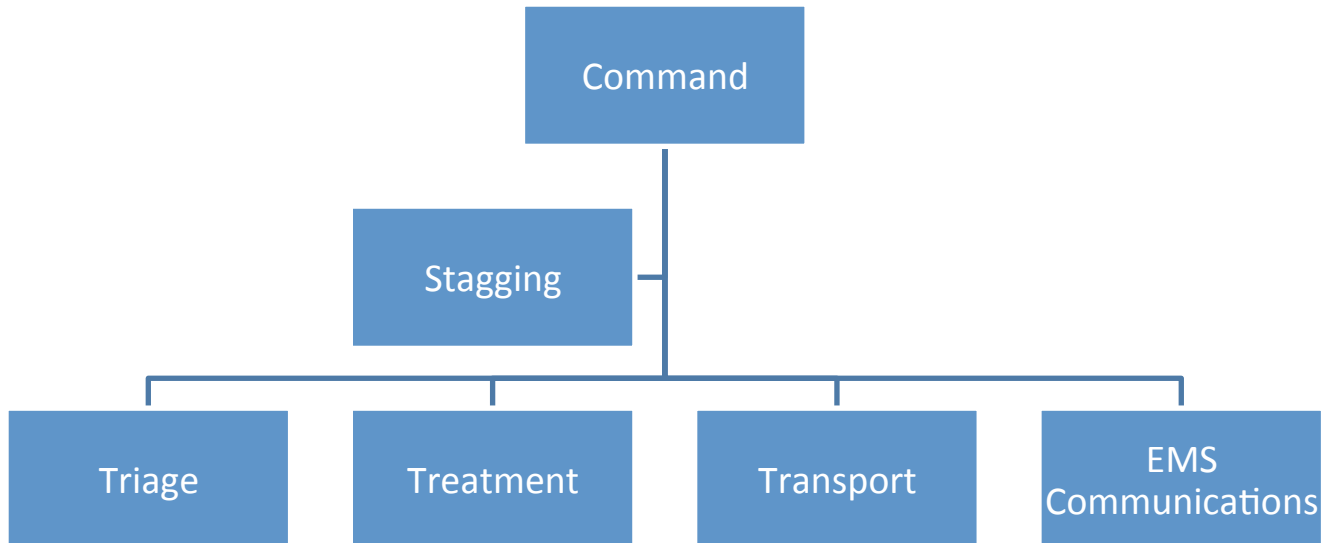
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**SECTION 2**

Continuation or Escalation of an Incident

Incident Commander will complete the following steps:

- Conduct an interface briefing
  - Announce taking “Location Command”
- Establish and advise dispatch of staging location
  - Assign Staging Officer (refer to Appendix Checklist & Log)
- Assign Treatment, Transport and Communication Officer(s) (refer to Appendix Checklists & Logs)
  - Ensure hospitals are notified on the Oakland County 800MHz Talkgroup 63-OAKH. Announce on 63-OAKH the following message:
    - There has been a mass casualty incident at “address” with “x” number of patients expected. Please stand by for further updates.
- Expand Incident Management System (IMS), as necessary according to NIMS.
  - Consider activation of MABAS (mutual aid box cards for additional resources) through primary dispatch center or Oakland County Sheriff’s Dispatch at 248 858-4911.
  - Coordinate with police for roadway, traffic and perimeter.



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**Hospital Automatic Patient Load**

<b>Hospital Name</b>	<b>ACS Trauma Level</b>	<b># High Acuity Patients</b>
<b>Beaumont-Farmington Hills</b>	<b>Level 2</b>	2
<b>Beaumont-RO</b>	<b>Level 1</b>	2
<b>Beaumont-Troy</b>	<b>Level 2</b>	2
<b>Children's Hospital-Troy</b>	<b>Pediatric only</b>	2
<b>Crittenton Hospital</b>	<b>Level 3</b>	2
<b>Genesys Regional Medical Center</b>	<b>Level 2</b>	2
<b>Henry Ford Medical Center-WB</b>	<b>Level 3</b>	2
<b>Huron Valley-Sinai</b>		2
<b>McLaren Clarkston</b>		2
<b>McLaren Hospital-Oakland</b>	<b>Level 2</b>	2
<b>Providence Hospital-Nov</b>	<b>Level 2</b>	2
<b>Providence Hospital-Southfield</b>	<b>Level 2</b>	2
<b>St John-Oakland</b>		2
<b>St Joseph Mercy-Oakland</b>	<b>Level 2</b>	2
<b>St Mary Mercy-Livonia</b>	<b>Level 2</b>	2

<b>Out-of-County Trauma Centers</b>	<b># of Trauma Bays</b>	<b>ER Contact #</b>	<b>Address</b>
<b>Children's Hospital Level 1</b>	2	313-745-0113	3901 Beaubien Detroit MI 48201
<b>DMC Detroit Receiving Level 1</b>	3	313-745-3356	4201 St. Antoine Blvd. Detroit MI 48201
<b>Henry Ford Level 1</b>	2	313-916-1545	2799 W. Grand Blvd. Detroit MI 48202
<b>Henry Ford-Macomb Level 2</b>	2	586-263-2601	15855 Nineteen Mile Clinton Twp. MI
<b>Hurley Level 1</b>	2	810-262-9429	One Hurley Plaza Flint MI 48503
<b>McLaren-Lapeer Level 2</b>	2	810-664-2244 810-667-5987 (rec)	1375 N. Main St. Lapeer MI 48446
<b>McLaren-Macomb Level 2</b>	2	586-493-8101	1000 Harrington Blvd. Mt Clemens MI 48043
<b>St. John-Detroit Level 2</b>	2	313-417-2775	22101 Moross Detroit MI 48236
<b>St. Joseph-Ann Arbor Level 2</b>	2	734-712-3008	5301 McAuley Dr. Ypsilanti MI 48197
<b>University of Michigan Level 1</b>	2	734-936-6666	1500 E. Medical Center Dr Ann Arbor MI 48109

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### **SECTION 3**

#### **Communications**

Any MCI that is large enough to mobilize resources from other MCAs or resources that do not have common 800MHz capabilities should utilize the Michigan Medcom required radio frequencies. This plan was set forth by the Michigan Department of Community Health governed by public health code MCL 333.20910(d). The Medcom requirements indicate that all licensed EMS vehicles in the region are required to have the following frequencies in the vehicle. (Excerpts from the Michigan Medcom Requirements 2011)

**155.340** – Reserved for communications between hospitals and EMS personnel, for the purpose of coordination and instruction regarding care and transport of patients in the rendition or delivery of emergency medical services. Dispatch and paging operations are not allowed on this frequency. (Commonly known as the HERN channel)

**155.400** – Within the counties of St. Clair, Macomb, Oakland, Wayne, Monroe, Washtenaw and Livingston, this frequency is reserved for disaster coordination purposes and as a secondary HERN channel. No dispatch or paging operations will be allowed in SE Michigan. Outside SE Michigan, the frequency is available for dispatch of EMS resources, base and mobile.

**155.355** – Mobile and portable only; On-Scene Coordination of EMS resources; mutual aid; tactical operations. “VMEDTAC”

#### **Federal Disaster Channels:**

- 155.7525** – VCALL10 – for hailing purposes
- 151.1375** – VTAC11 – for use during disasters
- 154.4525** – VTAC12 – for use during disasters
- 158.7375** – VTAC13 – for use during disasters
- 159.4725** – VTAC14 – for use during disasters

Face to Face and mobile phone are also acceptable means of communications on an MCI.

#### **Procedure**

1. The first arriving EMS unit at the scene shall determine the scope of the incident. The Incident Command System (ICS) shall be implemented and appropriate communications plan should be established.
  - a. Appropriate communications plan:
    - i. For incidents to be handled inside MCA borders with vehicles that all have common 800MHz talk groups; small MCI incidents that do not require units that do not have 800MHz capability; small geographic incidents

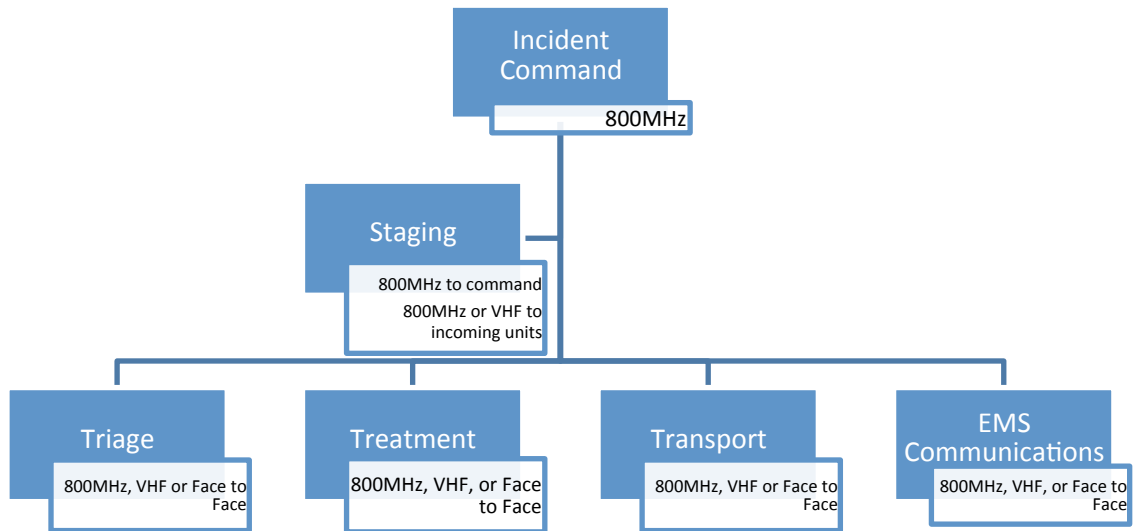
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where face to face communications are appropriate; the communications can remain on 800MHz following local MCA protocols.

- ii. For large incidents that will require units from outside of the local MCA; units that do not have 800MHz capability; large geographic areas that do not have that ability for face to face communications; VHF frequencies shall be utilized. The primary on scene and staging communications should that place on **155.400**. If that frequency is being utilized or a second VHF frequency is needed use:
    - 1. **155.355** – VMEDTAC
    - 2. **151.1375** – VTAC11 – for use during disasters
    - 3. **154.4525** – VTAC12 – for use during disasters
    - 4. **158.7375** – VTAC13 – for use during disasters
    - 5. **159.4725** – VTAC14 – for use during disasters
2. Communication Resources:
- a. For any assistance with communications the incident commander can contact the Oakland County Incident Management Team’s Communication Support Team. The OCIMT-CST is contacted through the Oakland County Sherriff Dispatch.
3. Sample Communications Plan for a small scale MCI



The communication plan should be established by the Incident Commander and be appropriately sized for the incident. This can include but is not limited to radio, face to face and cell phone communication.