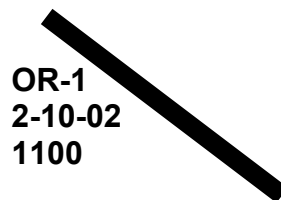


**US&R SHORING OPERATIONS GUIDE  
DISASTER SITE REFERENCE DATA**

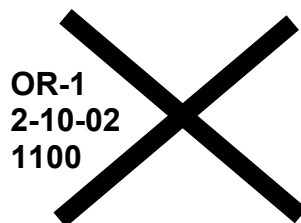
**FEMA BUILDING MARKING SYS (continued)**

**SEARCH ASSESSMENT MARKING**

A separate and distinct marking system is necessary to denote information relating to the victim location determinations in the areas searched. This separate Search Assessment Marking System is designed to be used in conjunction with the Structure and Hazards Evaluation Marking System. The Canine Search Specialists, Technical Search Specialists, and/or Search Team Manager (or any other Task Force member performing the search function) will draw an "X" that is 2' X 2' in size with International Orange paint stick, lumber crayon or color spray paint (**note that K9 may be adversely effected by the Fumes from Spray Paint**). This X will be constructed in two operations - one slash drawn upon entry into the structure (or room, hallway, etc.) and a second crossing slash drawn upon exit.



Single slash drawn upon entry to a structure or area indicates search operations are currently in progress. Upon entering a building or a separate wing of a large building, add the Search Team I.D., Date and Time (24hr) of entry. (Next to main entry)



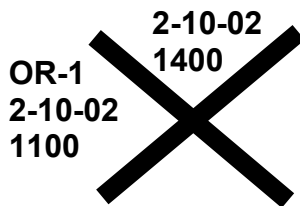
**Note: OR-1 is used instead of OR-TF1 to save time. Also 1100 is used to abbreviate 1100hrs**

Crossing slash is drawn as personnel exit from the structure or area.

Distinct markings will be made inside the remaining quadrants of the X to clearly denote the search status and findings at the time of this assessment. The marks will be made with carpenter chalk or lumber crayon. The following illustrations define the Search Assessment marks:

**US&R SHORING OPERATIONS GUIDE  
DISASTER SITE REFERENCE DATA**

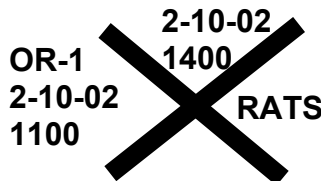
**SEARCH ASSESSMENT MARKING (continued)**



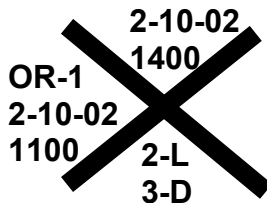
**AFTER EXITING & DRAWING the 2nd SLASH, add the following INFO:**

**1**

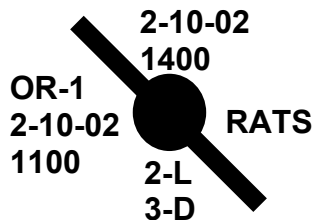
**TOP QUADRANT** - Time and date that the Search Team personnel left the structure.



**RIGHT QUADRANT** - Personal hazards.



**BOTTOM QUADRANT** - Number of live and dead victims still inside the structure. ["0" = no victims]



When the Recon Team leaves a structure **WITHOUT** completing the Search (aftershock, end of shift, etc), then the second slash **WILL NOT** be made. A **Solid Circle** is drawn at the mid-length of the First Slash, and Date/Time of Exit, Personal Hazards, & Victim Info will be filled in. Also indication of Quadrants or Floors completed should be added in a **BOX** below the X, or if the Bldg **HAS NOT** been entered (as in Hurricanes) mark **No Entry** in the **BOX**.

<p><b>F = Floors</b> <b>Q = Quadrants</b> or <b>No Entry</b></p>
--

## **US&R SHORING OPERATIONS GUIDE DISASTER SITE REFERENCE DATA**

### **FEMA BUILDING MARKING SYS (continued)**

#### **SEARCH ASSESSMENT MARKING (continued)**

In most cases, extemporaneous information will not be conveyed using the marking system. This type of communication will usually take place as a result of face-to-face meetings between Search, Rescue, and other components of the Task Force.

Search Markings should be made at each area within a structure, such as rooms, voids, etc, but only information related to the results of the search will be marked upon exiting each space (No Time or TF designation).

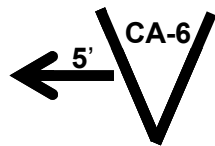
- An adhesive-backed Search Mark Placard has been approved for use in incidents like hurricanes and large earthquakes where many structures are involved. All FEMA Task Forces have been supplied with the graphic to be used in creating the stick-on search marks, which should be printed on orange paper. (See example on Page 1-30.)

#### **VICTIM LOCATION MARKING SYSTEM**

- During the search function it is necessary to identify the location of potential and known victims.
- The amount and type of debris in the area may completely cover or obstruct the location of any victim.
- The victim location marks are made by the search team or others aiding the search and rescue operations whenever a known or potential victim is located and not immediately removed.
- The victim location marking symbols should be made with orange spray paint (using line marking or "downward" spray can) or orange crayon.
- The following illustrates the marking system:

## US&R SHORING OPERATIONS GUIDE DISASTER SITE REFERENCE DATA

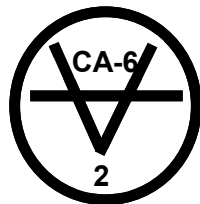
### VICTIM LOCATION MARKING SYSTEM (cont.)



Make a large (2' x 2' ) "V" w/orange paint near the location of the known or **potential** victim. Mark the name of the search team as shown. An arrow may need to be painted next to "V" pointing towards the victims location is not immediately near where the "V" is painted. Show distance on arrow.



Paint a circle around the "V" when a potential victim has been **Confirmed to be alive** either visually, vocally, or by hearing sounds that would indicate a high probability of a victim. If more than one confirmed live victim, mark total number under the "V".



Paint a horizontal line through the middle of the "V" when a **Confirmed** victim is determined to be **deceased**. If more than one confirmed deceased victim, mark the total number under the "V". Use both live and deceased victim marking symbols when a combination of live and deceased victims are determined to be in the same location.



Paint an "X" through the **Confirmed** victim symbol after **all victims** have been removed from the specific location identified by the marking.

- Paint new victim symbols next to additional victims that are later located near where the original victim(s) were removed. (assuming original symbol has been "X"ed out).