

Bay Area UASI

Regional Care and Shelter Capability Building

Project Update

Approval Authority Meeting

Agenda Item 7

May 11, 2017





Project Overview

Goals:

1) Assess local care and shelter capabilities:

Evaluate local plans against best practices.

Identify gaps using customizable scenario-based tool

2) Build understanding of local government roles and responsibilities within the mass care services core capability.

3) Train local government employees to serve as shelter workers / shelter managers.

4) Establish action plans to update local government care and shelter MOUs with American Red Cross and other non-government partners as appropriate.

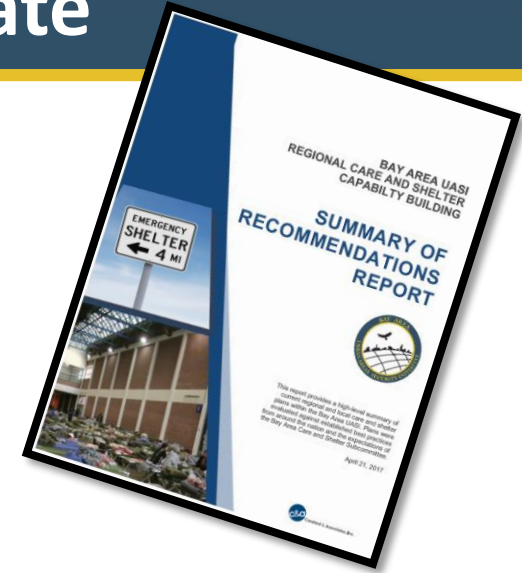
5) Document sheltering facilities and supplies locations throughout the Bay Area

6) Develop a regional strategy to improve emergency care and shelter operations throughout the region.



Completions To Date

- ✓ Evaluated Local Plans
- ✓ Developed Eight Customizable Scenarios
- ✓ Drafted Gap Identification Tool
- ✓ Planned Workshop #1
- ✓ Reviewed Care & Shelter Resource Database Solutions



Bay Area UASI
 Regional Care and Shelter Capability Building
 Summary of Recommendations Report



APPENDIX A: PLAN STATUS CHECKLIST

Care & Shelter Capability Building Project
Plan Status Checklist - Plan Evaluation Criteria

Constant & Associates will review each plan received to determine if the following areas are addressed within the plan. Each item that is present in the plan will receive one point, for a possible total score of 13 for each plan.

	Alameda County	Contra Costa County	Marin County	Monterey County	Napa County	Oakland	San Benito County	San Francisco	San Jose	San Mateo County	Santa Clara County	Santa Cruz County	Solano County	Sonoma County	Bay Area Earthquake Plan	Regional Catastrophic Earthquake Mass Care and Sheltering Plan	San Francisco Bay Area Regional Emergency Coordination Plan (Subsidiary Plan)
Disabilities and Others with Access and Functional Needs	0.5	0.5	1	1			0.5	1		0.5	0.5		1	0	1	1	1
Mass Feeding	1	0.5		0.5				1		1	1		1	0.5	1	1	1
Shelter Sites, Agreements, Operations	1	1		1			1	1			1		1	1			1
Shelter Site Staffing	1			1						0.5	1		0.5	1			1
Disaster Welfare (Rationification, Information Sharing)	1	1		0.5			1	1			0.5		1		1	1	1
Animal Sheltering	1	1		0.5			1	1		1	1		1				1
Evacuation	1																
Medical and Health Services	1							1			0.5		0.5		1	1	1
Transportation	1	1		1										0.5			1
Registration / Arrival Planning	1						0.5	0.5								1	1
Crisis Care and Welfare		0.5											0.5	0.5			
Adopted by Board of Supervisors (or State Equivalent for Regional Plans)	1	1	1	not specified			not specified	not specified		1	not specified	1	not specified	draft	1	Not Adopted	1
Listing of Local, Regional, and State Agencies Involved (detailed below)	1	1	1	0.5										0.5	1	1	0.5
Evaluation Score	11.5	7.5	4.5	6	0	0	3	5.5	0	4	8.5	1	7.5	4	8	5	6.5



Local Plan Evaluations

Local Plan Evaluation Criterion

Persons with Disabilities and Others with Access and Functional Needs

Mass Feeding

Shelter Sites, Agreements, Operations

Shelter Site Staffing

Disaster Welfare (Reunification, Information Sharing)

Animal Sheltering

Forms

Medical and Health Services

Transportation

Reception / Arrival Planning

Child Care and Welfare

Board Adoption

Listing of Local, Regional and State Agencies Involved

Accompanying Guidance:

Performance Metric

Explanation of the Best Practice

What Plans Should Include

Information Resources

Jurisdiction Specific Recommendations

Tips for Local Planners

Plan Status Checklist

Resources



Customizable Scenarios

Catastrophic Earthquake	7.8 magnitude earthquake
Severe Weather	Extended Storms with up to 24 inches of rain over 5 days
Wildfire	Santa Ana Fire Season, August
Minor Earthquake & Fuel Disruption	Shallow 5.2 magnitude earthquake
Flooding	Historic rainfall and snowpack melt
HazMat Release – Transportation	Train derailment releasing toxic chlorine gas
Cyber Attack on the Power Grid	Extended malicious power outage
Complex Coordinated Terrorist Attack	Coordinated Improvised Explosive Device and shooting events



Customizable Scenarios

COMPLEX COORDINATED TERRORIST ATTACK

Setting: Daytime during a workday
Event: Coordinated Improvised Explosive Device and shooting events in multiple locations
Location: **San Francisco**

A terrorist cell organizes a complex coordinated attacks across the Bay Area during a workday. In several downtown areas across the region, Improvised Explosive Devices (IED) are detonated in the parking garages of high rise office buildings and major hotels. Threats have also been received against the **Golden Gate Bridge, Bay Area Rapid Transit (BART), Transbay Tube, and ferry terminals** in **San Francisco and Oakland**. Casualties are reported and people are transferred to hospitals through normal Emergency Medical Service (EMS) procedures. In **San Francisco** the **San Francisco and Oakland** office buildings and two **Embarcadero** hotels must be evacuated and may not be structurally sound. Within an hour of the explosions, individuals walk into the Emergency Departments of major hospitals. IEDs are also detonated in the lobbies of **San Francisco General Hospital Emergency Medical** and the University of **California San Francisco Medical Center** causing panic, significant casualties also reducing bed capacity. In one jurisdiction, as responders rush to the hospital explosion scene, two secondary IEDs are set off outside the buildings where equipment is staged. Immediately people begin coughing, report stinging in their eyes, difficulty breathing and burning skin.

Due to the concern of the contents of the last explosives, a five-block radius must be evacuated and evaluated for possible contamination. Residents need to be decontaminated and then sheltered for several days.

Many calls are coming in inquiring into the status and location of residents or employees known to be in the area. Persons experiencing homelessness need transportation to shelter locations. The American Red Cross (ARC) has some shelter staff but their primary shelter location is in the evacuation area. The jurisdiction must find an alternative shelter location, communicate the address to the public, accommodate people's pets, and feed shelter residents for at least three days.

Shelter workers from the community are shaken by the attack and reluctant to volunteer. The jurisdiction must reach out to surrounding communities to recruit volunteer workers to staff the shelter. The jurisdiction must coordinate alternate shelter supplies as the one brought in in the ARC shelter are possibly contaminated.

Due to damage at the hospitals, hospital administration is seeking an additional shelter and assistance in transporting non-critical patients. The jurisdiction needs to work with administration to determine requirements and feasibility.

Shelters are concerned about ongoing threats and must receive updates from the Emergency Operations Center for situational awareness.

Regional Impacts:

Number of persons needing sheltering	4,500 local residents 1,250 hotel occupants
Availability of Mutual Aid	Urban centers in Alameda and Santa Clara counties also hit. Other UASI counties may provide aid.
Number of meals	5,750/day
Number of days of shelter	3

Resources:

1. **Case Studies about Terrorist Attacks Against Hospitals**
<https://www.ict.org.il/Article/77/Terrorist-Attacks-against-Hospitals-Case-Studies>



WebEOC Shelter Board

Welcome, [wbaker-cohn@marinsheriff.org](#) (Logout). You are logged in as MRN-OA Duty Officer in ** Test **

Statewide Shelter Status - beta 5



Statewide Shelter Status BETA 5

Incident Independent

Filter by Op Area Marin Status Show All Shelter Type Show All ADA Show All

Search

Op Area	Name	Status	Type	ADA Compliant	AFN	Pet Friendly	Back-up Generator	Evac Capacity	Shelter Capacity	Occupancy	Availability (based on sheltering)	Last Updated	Details
MARIN	PARK ELEMENTARY SCHOOL	Inactive	ARC Managed	YES		NO	NO	150	75	0	75	04/13/2017 18:24:27	Map View Update
MARIN	MILL VALLEY MIDDLE SCHOOL	Open	ARC Managed									2017 44	Map View Update
MARIN	REED SCHOOL	Alert	ARC Managed									2017 59	Map View Update

Page 1 of 6 Disable Refresh?

Update Shelter Status Cancel Save

Name and Location

Op Area / County: [Select]

Shelter Name:

Address:

NSS Number:

Shelter Status +

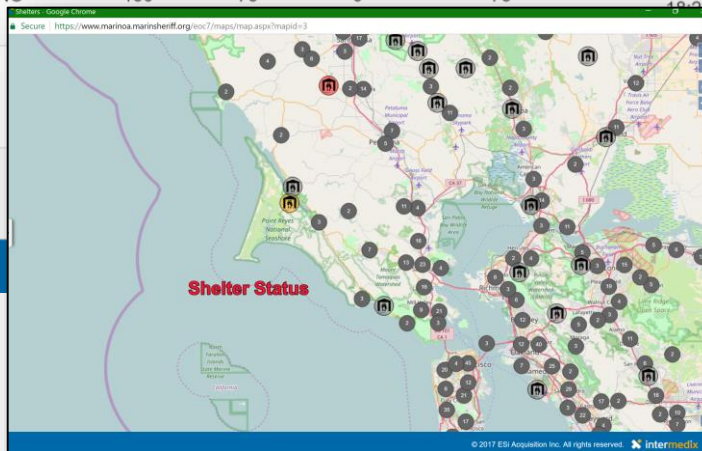
Facility Contact Information +

Facility Capabilities +

Shelter Type +

Attachments +

Actions



intermedix



Next Steps

- Roll out online Shelter Fundamentals / Manager Training Courses
- Continued development of WebEOC Shelter Board
- MOU Action Plans
- Shelter Fundamentals Exercises

Upcoming Workshops / Exercises:

- May 31st – Roles and Responsibilities Workshop
- June – Local Care and Shelter TTXs
- August 23rd – Capability / Gap Analysis Workshop
- September 7th – Regional Care and Shelter TTX
- November 1st – Regional Strategy Workshop