Approval Authority Meeting
Thursday, March 8, 2018
10:00 a.m.

Location
Alameda County Sheriff's Office OES
4985 Broder Blvd., Dublin, CA 94568
OES Assembly Room

Agenda

1. **CALL TO ORDER**
   ROLL CALL

UASI Chair	Anne Kronenberg, City and County of San Francisco
UASI Vice-Chair	Rich Lucia, County of Alameda
Member	Jeanine Nicholson, City and County of San Francisco
Member	Angela Robinson-Pinon, City of Oakland
Member	Ray Riordan, City of San Jose
Member	Ken Kehmna, County of Santa Clara
Member	Mike Casten, County of Contra Costa
Member	Bob Doyle, County of Marin
Member	Gerry Malais, County of Monterey
Member	Trisha Sanchez, County of San Mateo
Member	Brendan Kearney, County of Sonoma

   General Manager Craig Dziedzic

2. **APPROVAL OF THE MINUTES** (Discussion, Possible Action)
   Discussion and possible action to approve the draft minutes from the January 11, 2018 regular meeting or take any other action related to the matter. *(Document for this item includes draft minutes from January 11, 2018.) 5 mins*

3. **GENERAL MANAGER'S REPORT** (Discussion, Possible Action)
   General Manager Craig Dziedzic will present the General Manager's Report:

   (a)   UASI FY 2018 Grant Update (Discussion, Possible Action)
   (b)   Defense Threat Reduction Agency (DTRA) and Domestic Nuclear Detention Office (DNDO) Training/Equipment Local Initiatives (Discussion, Possible Action)
   (c)   2017-2020 CA State Homeland Security Strategy (Discussion, Possible Action)
   (d)   Management Team Update (Discussion, Possible Action)
   (e)   Management Team Tracking Tool and Future Agenda Items (Discussion, Possible Action)

   (*Documents for this item are a report and the Tracking Tool from Craig Dziedzic.) 5 mins*

4. **RADIOLOGICAL SECURITY BRIEFING** (Discussion, Possible Action)
    Ed Baldini, Philadelphia Police Captain Retired, representing the Office of Radiological Security, will present to the Board an update on radiological security. (*Documents for this item are a report and an appendix from Ed Baldini.*) *5 mins*

5. **PREVENTIVE RADIOLOGICAL/NUCLEAR DETECTION PROGRAM UPDATE** (Discussion, Possible Action)
    Project Manager Phil White will present updates to the Bay Area Preventive Radiological/Nuclear Detection (PRND) Program. (*Documents for this item are a report and an appendix from Phil White.*) *5 mins*

6. **VIGILANT GUARDIAN 2017 AFTER ACTION REPORT** (Discussion, Possible Action)
    Project Manager Phil White will present the After Action Report and Improvement Plan Summary for the 2017 Vigilant Guardian Exercise. (*Documents for this item are a report and two appendices from Phil White.*) *5 mins*

7. **URBAN SHIELD 2017 AFTER ACTION REPORT** (Discussion, Possible Action)
    Captain Pace Stokes and Project Manager Corinne Bartshire will present the After Action Report from the 2017 Urban Shield Exercise. (*Documents for this item are a report and two appendices from Pace Stokes and Corinne Bartshire.*) *5 mins*

8. **BAY AREA UASI HOMELAND SECURITY GOALS** (Discussion, Possible Action)
    Assistant General Manager Catherine Spaulding will present the UASI Homeland Security goals and objectives. (*Document for this item is a report from Catherine Spaulding.*) *5 mins*

9. **TECHNICAL ASSISTANCE PROGRAM KICK-OFF** (Discussion, Possible Action)
    Program Manager Janell Myhre will present to the Board the Bay Area UASI Technical Assistance Program Kick-off. (*Documents for this item are a report and an appendix from Janell Myhre.*) *5 mins*

10. **BAY AREA UASI FY16 UASI SPENDING REPORT** (Discussion, Possible Action)
    Chief Financial Officer Tristan Levardo will present the FY16 spending report for the Bay Area UASI. (*Document for this item is a report from Tristan Levardo.*) *5 mins*

11. **ANNOUNCEMENTS-GOOD OF THE ORDER**

12. **GENERAL PUBLIC COMMENT**
    Members of the Public may address the Approval Authority for up to three minutes on items within the jurisdiction of the Bay Area UASI Approval Authority.

13. **ADJOURNMENT**

If any materials related to an item on this agenda have been distributed to the Approval Authority members after distribution of the agenda packet, those materials are available for public inspection at the Bay Area UASI Management Office located at 711 Van Ness Avenue, Suite 420, San Francisco, CA 94102 during normal office hours, 8:00 a.m. - 5:00 p.m.

Public Participation:

It is the policy of the Approval Authority to encourage and permit public participation and comment on matters within the Approval Authority's jurisdiction, as follows.

- *Public Comment on Agenda Items*. The Approval Authority will take public comment on each item on the agenda. The Approval Authority will take public comment on an action item before the Approval Authority takes action on that item. Persons addressing the Approval Authority on an agenda item shall confine their remarks to the particular agenda item. For each agenda item, each member of the public may address the Approval Authority once, for up to three minutes. The Chair may limit the public comment on an agenda item to less than three minutes per speaker, based on the nature of the agenda item, the number of anticipated speakers for that item, and the number and anticipated duration of other agenda items.

- *General Public Comment*. The Approval Authority shall include general public *comment* as an agenda item at each meeting of the Approval Authority. During general public comment, each member of the public may address the Approval Authority on matters within the Approval Authority's jurisdiction. Issues discussed during general public comment must not appear elsewhere on the agenda for that meeting. Each member of the public may address the Approval Authority once during general public comment, for up to three minutes. The Chair may limit the total general public comment to 30 minutes and may limit the time allocated to each speaker depending on the number of speakers during general public comment and the number and anticipated duration of agenda items.

- *Speaker Identification*. Individuals making public comment may be requested, but not required, to identify themselves and whom they represent.

- *Designated Public Comment Area*. Members of the public wishing to address the Approval Authority must speak from the public comment area.

- *Comment, Not Debate*. During public comment, speakers shall address their remarks to the Approval Authority as a whole and not to individual Approval Authority representatives, the General Manager or Management Team members, or the audience. Approval Authority Representatives and other persons are not required to respond to questions from a speaker. Approval Authority Representatives shall not enter into debate or discussion with speakers during public comment, although Approval Authority Representatives may question speakers to obtain clarification. Approval Authority Representatives may ask the General Manager to investigate an

issue raised during public comment and later report to the Approval Authority. The lack of a response by the Approval Authority to public comment does not necessarily constitute agreement with or support of comments made during public comment.

- *Speaker Conduct.* The Approval Authority will not tolerate disruptive conduct by individuals making public comment. Speakers who use profanity or engage in yelling, screaming, or other disruptive behavior will be directed to cease that conduct and may be asked to leave the meeting room.

Disability Access

The Bay Area UASI Approval Authority will hold its meeting at the Alameda County Sheriff's Office OES located at 4985 Broder Blvd. in Dublin, CA 94568.

In compliance with the Americans with Disabilities Act, those requiring accommodations for this meeting should notify the UASI Administrative Assistant, at least 24 hours prior to the meeting, at (415) 353-5223.

Bay Area UASI Program
Approval Authority Meeting
Thursday, January 11, 2018
10:00 AM

LOCATION
Alameda County Sheriff's Office OES
4985 Broder Blvd., Dublin, CA 94568
OES Assembly Room

REGULAR MEETING MINUTES
DRAFT

1. **Roll Call**

   UASI Chair Anne Kronenberg called the meeting to order at 10:00 AM and General Manager Craig Dziedzic subsequently took the roll. Chair Anne Kronenberg and Vice Chair Rich Lucia were present. Members Jeanine Nicholson, Angela Robinson-Pinon, Ray Riordan, Gerry Malais, Trisha Sanchez, and Christopher Helgren were present. Members Ken Kehmna, Mike Casten, and Bob Doyle were absent, but their alternates, respectively, Dana Reed, Mark Williams, and Dave Augustus were present.

2. **Approval of the Minutes**

   Chair Kronenberg asked for any comments or questions concerning the minutes from the November 9, 2017 meeting. Seeing none, she requested a motion to approve the minutes.

Motion:	Approve the minutes from the November 9, 2017 Approval Authority Meeting.
Moved:	Member Malais **Seconded:** Member Sanchez
Vote:	The motion was passed unanimously.

3.   **General Manager's Report**

(a)   UASI FY 2018 Project Proposal Update

General Manager Craig Dziedzic presented to the Board a timeline of events for the FY 2018 Project Proposal Process. A total of 146 project proposals were submitted for review and prioritization by Approval Authority members and Hub voting members.

(b)   Management Team Update - 2018 CBRNE Liaison Officer Program

The UASI Management Team is developing a new project in collaboration with the California National Guard Homeland Response Force to create a CBRNE Liaison Officer program. The liaison officer will work with regional jurisdictions and participate in CBRNE planning, training, and exercises.

(c)   2018 National Homeland Security Conference Presentations

General Manager Craig Dziedzic presented to the Board six panel presentations from the UASI Management Team that were submitted to the 2018 National Homeland Security Conference.

(d)   Management Team Tracking Tool and Future Agenda Items

There were no additions to the tracking tool.

4.   **Election of UASI Officers for 2018**

Chair Kronenberg and Vice Chair Lucia conducted a vote on the positions of UASI Chair and Vice Chair for the 2018 term.

Motion: Elect Chair Kronenberg to remain Chair of the UASI for the 2018 term.

Moved: Member Riordan   **Seconded:** Member Sanchez

Vote: The motion was passed unanimously.

Motion: Elect Vice Chair Lucia to remain Vice Chair of the UASI for the 2018 term.

Moved: Member Riordan   **Seconded:** Member Williams

Motion: The motion was passed unanimously.

5. **FY18 UASI Proposed Regional Projects**

   Assistant General Manager Catherine Spaulding provided an overview of the nine "level one" regional FY18 projects proposed for allocations in Agenda Items 6 – 11. All "level two" regional projects were also listed.

   One member of the Board made a comment.

6. **Training and Exercise Annual Report and Proposed FY18 Allocation**

   Project Manager Commander Shawn Sexton presented the Annual Report and proposed FY18 allocation for the Bay Area UASI Regional Training and Exercise Program.

   Motion: Approve $4,901,339 from the FY18 UASI grant to fund the Bay Area UASI Regional Training and Exercise Program.

   Moved: Member Reed   **Seconded:** Member Robinson Pinon

   Vote: The motion was passed unanimously.

   Three members of the Board made comments. One member of the public made a comment.

7. **NCRIC Annual Report and Proposed FY18 Allocation**

   NCRIC Director Mike Sena presented the Annual Report and proposed FY18 allocation for the Northern California Regional Intelligence Center.

   Motion: Approve $4,485,200 from the FY18 UASI grant to fund the Fusion Center Project: Information Sharing and Analysis, Infrastructure Protection, and Cyber Security.

   Moved: Vice-Chair Lucia   **Seconded:** Member Malais

   Vote: The motion was passed unanimously.

8. **Regional Information Sharing System Proposed FY18 Allocation**

   NCRIC IT Director Brian Rodrigues proposed an FY18 allocation for the regional public safety information sharing project and shared six success stories with the Board.

   Motion: Approve $720,000 from the FY18 UASI grant to fund the Regional Information Sharing System Project.

   Moved: Member Reed   **Seconded:** Member Nicholson

   Vote: The motion was passed unanimously.

9. Management Team Proposed FY18 Regional Projects

Regional Program Manager Janell Myhre proposed four projects for FY18 UASI regional funding.

Motion: Approve UASI FY18 regional funding for projects as follows:

- $280,000 – Preventive Radiological Nuclear Detection
- $250,000 – Cyber Resilience Training
- $150,000 – Care and Shelter Capability Building (year two)
- $150,000 – Critical Transportation Capability Building (year one)

Moved: Member Nicholson   **Seconded:** Member Sanchez

Vote: The motion was passed unanimously.

One member of the Board made a comment.

10. Public Health and Medical Proposed FY18 Allocation

Contra Costa Health Services Director William Walker proposed an FY18 allocation for the Medical Needs and Behavioral Health Shelter Planning Project.

Motion: Approve $200,000 from the FY18 UASI grant to fund the Medical Needs and Behavioral Health Shelter Planning Project.

Moved: Member Riordan   **Seconded:** Member Nicholson

Vote: The motion was passed unanimously.

One member of the Board made a comment.

11. BayRICS JPA Quarterly Report and Proposed FY18 Allocation

BayRICS General Manager Barry Fraser provided a quarterly report of the BayRICS Joint Powers Authority and proposed an FY18 allocation for the BayRICS Regional Voice and Broadband Data Communications Planning and Governance project.

Motion: Approve $59,000 to fund the BayRICS Regional Voice and Broadband Data Communications Planning and Governance project.

Moved: Member Riordan   **Seconded:** Member Sanchez

Vote: The motion was passed unanimously.

One member of the Board made a comment.

12. **Sonoma County Regional Project Request – Solano County P25 Trunked Radio System**

Solano County Emergency Manager Don Ryan proposed an FY18 allocation for Trunked P25 Radio Systems. The Board voted to change the status of the project from Hub Project to Level II Regional Project. The project will be discussed at the Regional Level II Proposal Workgroup Meeting on February 22, 2018.

Motion:	Consider Trunked P25 Radio Systems as Regional Level II Project for further discussion.			

Moved:	Member Helgren		**Seconded:** Vice-Chair Lucia	

Vote:	Kronenberg	No	Lucia	Yes
	Robinson-Pinon	No	Helgren	Yes
	Nicholson	No	Augustus	Yes
	Malais	No	Riordan	Yes
	Reed	No	Sanchez	Yes
			Williams	Yes

The vote was 6 ayes to 5 noes and the motion passed.

Six members of the Board made comments.

13. **Risk Management Kick-off 2018**

Project Manager Amy Ramirez presented to the Board highlights of the 2018 Risk Management Program and THIRA (Threat Hazard Identifications and Risk-Assessment).

One member of the public made a comment.

14. **Bay Area UASI Travel Expenditures**

Chief Financial Officer Tristan Levardo provided an update on travel expenditures of the Bay Area UASI for the period of July 1, 2017 to December 31, 2017.

15. **Announcements – Good of the Order**

Member Sanchez announced that her retirement from the San Mateo County Sheriff's Office will take place in June 2018.

16. **General Public Comment**

One member of the public made a comment.

17. **Adjournment**

The meeting adjourned at 11:42 AM.

To: **Bay Area UASI Approval Authority**

From: **Craig Dziedzic, General Manager**

Date: **March 8, 2018**

Re: **Item 3: General Manager's Report**

Staff Recommendations:

No recommendation

Action or Discussion Items:

(a) UASI FY 2018 Grant Update (Discussion)
(b) Defense Threat Reduction Agency (DTRA) and Domestic Nuclear Detection Office (DNDO) Training/Equipment Local Initiatives (Discussion)
(c) 2017-2020 CA State Homeland Security Strategy (Discussion)
(d) Management Team Update (Discussion)
(e) Management Team Tracking Tool and Future Agenda Items (Discussion)

Discussion/Description:

(a) FY 2018 UASI Grant Update (Discussion)

On February 9, 2018, President Trump signed H.R. 1892, the "Bipartisan Budget Act of 2018," into law. The bill extends a fifth continuing resolution to fund the government through March 23, 2018. The final FY 2018 appropriations number is yet to be approved by Congress. Last year, the House and Senate passed the fiscal year 2017 Omnibus Appropriations bill on April 28, 2017.

On February 12, 2018, the White House released their FY 2019 Budget Request to Congress. The request includes $448,844,000 for the Urban Areas Security Initiative (25.81% decrease from FY 2017). Last year, the White House Budget Request for 2018 was lower than the Senate and House Appropriations Bills. See summary below:

Urban Areas Security Initiative Program (White House Budget Request Summary 2018-2019)

FY 2017 Enacted	FY 2018 WH Budget Request	FY 2018 House Approps Bill	FY 2018 Senate Approps Bill	FY 2019 WH WH Budget Req
$605,000,000	$448,844,000	$630,000,000	$600,000,000	$448,844,000

(b) Defense Threat Reduction Agency (DTRA) and Domestic Nuclear Detection Office (DNDO) Training/Equipment Local Initiatives (Discussion)

On February 1, 2018, General Manager Craig Dziedzic and PRND/CBRNE Project Manager Phil White travelled to Washington D.C. to meet with Gary Blure, Director of DTRA. Mr. Dziedzic and Mr. White thanked DTRA for their personnel and technological support during the Vigilant Guardian exercise, offering resources such as the plume modeling program, which predicts how a radiological/nuclear substance could affect an entire urban region. DTRA committed to provide the same support with the upcoming Vigilant Guardian 2019 full scale exercise.

We also had the opportunity to meet with C.J. Johnson, Assistant Director of DNDO, and his staff to thank them for their support for providing training and equipment to the Bay Area region. We understand that DNDO, when reorganized, will be combined with the Office of Health Agency to form the Countering Weapons of Mass Destruction (CWMD) Office. The reorganization will streamline DHS' efforts to prevent terrorists and other national security threat actors from using chemical, biological, radiological, and nuclear materials and devices to harm U.S. interests. Matching support from DTRA, the CWMD Office has also offered to work with the Bay Area to provide assistance with training and equipment. They have already reached out to BART to coordinate a pilot program that would provide training and chemical detection equipment.

(c) 2017-2020 CA State Homeland Security Strategy (Discussion)

On February 7, 2018, Cal OES released its revised 2017-2020 CA State Homeland Security Strategy at the meeting of the CA Homeland Security Advisory Committee. The goals of the new State strategy are very similar to the ones of the 2012-2015 strategy, except there are now twelve goals, instead of nine. Hence, the revised State strategy added three new goals: (1) Preventing Violent Extremism (PVE); (2) Cyber security; and (3) Climate Change.

Cal OES utilized statewide working groups in its approach to revise the State strategy to address high risk areas and statewide gaps. The new strategy is intended to be meaningful (i.e., the goals are integrated with the core capabilities, the THIRA, and mission areas), measurable (i.e., each goal is associated with a number of objectives), and sustainable (the goals are integrated with the state IJs and will be reported out via the state working groups on an ongoing basis).

(d) Management Team Update (Discussion)

Congratulations to Janell Myhre who was recently appointed by Governor Brown to the State's Oil Spill Technical Advisory Committee (TAC).

After the 1989 Exxon Valdez oil spill, the California Lempert-Keene-Seastrand Oil Spill Prevention and Response Act established the Oil Spill Technical Advisory Committee in 1991 to provide for public input and independent judgment of the actions of the Administrator of the Office of Spill Prevention and Response (OSPR).

The TAC consists of fourteen members; eight are appointed by the Governor, three by the Speaker of the Assembly, and three by the Senate Committee on Rules.

The TAC provides recommendations to the OSPR Administrator, the State Lands Commission, the California Coastal Commission, the San Francisco Bay Conservation and Development Commission, the Division of Oil, Gas, and Geothermal Resources, the Office of the State Fire Marshal, and the Public Utilities Commission, on any provision of the Act, including the promulgation of all rules, regulations, guidelines, and policies (Ref. Government Code §§8670.54 – 8670.56.1).

(e) Management Team Tracking Tool and Future Agenda Items

Attached as Appendix A is the Management Team Tracking Tool. Members may submit future agenda items to the General Manager.

UASI Approval Authority and Management Team Tracking Tool

March 8, 2018 Approval Authority Meeting

#	Name	Who	Date Assigned	Due Date	Status / Comments
1	FY18 UASI Hub Projects	Janell Myhre	5/16/17	TBD	
2	FY18 UASI Regional Projects	Catherine Spaulding	5/16/17	TBD	
3	FY18 UASI Allocations	Catherine Spaulding	5/16/17	TBD	
4	HayWired Scenario Roll Out	USGS	11/27/17	5/10/18	
5	Annual Stakeholder Feedback Report	Janell Myhre	8/15/17	5/10/18	
6	Cyber Program Update	TBD	8/15/17	5/10/18	
7	EOC Situational Awareness Tools Analysis	Corey Reynolds	8/15/17	5/10/18	
8	Mass Notification Conference Close Out	Corey Reynolds	11/15/17	5/10/18	
9	Bay Area Extreme Weather Lessons Learned	Ray Riordan and TBD	11/16/17	6/14/18	
10	UASI Annual Report, Work Plans, and Budget	Craig Dziedzic	11/17/17	6/14/18	
11	Risk Management Results	Amy Ramirez	8/15/17	6/14/18	
12	FY19 Proposal Guidance	Catherine Spaulding	8/15/17	6/14/18	
13	Workgroup Annual Workplans	Janell Myhre	5/16/17	6/14/18	
14	Preventing Violent Extremism Statewide Program Update	Jessica Kuron	2/12/18	8/9/18	
15	Emergency Management Projects Updates	TBD	8/15/17	8/9/18	
16	2018 Urban Shield Planning Update	Corinne Bartshire	1/18/18	8/9/18	
17	Communications Projects Update	Corey Reynolds	8/15/17	8/9/18	
18	Hub Funding Formula	Catherine Spaulding	1/18/18	11/8/18	
19	THIRA	Amy Ramirez	1/18/18	11/8/18	

Regular Items/Assignments

#	Name	Deliverable	Who	Date Assigned	Due Date	Status / Comments
A	UASI Financial Reports	Report	Tristan Levardo		5/10/18 6/14/18 8/9/18 11/8/18 1/10/19 3/14/19	FY17 UASI Spending Report Reallocation of Grant Funds UASI Travel Expenditures FY16 UASI Spending Report UASI Travel Expenditures FY17 UASI Spending Report
B	BayRICS JPA Quarterly Report	Report	Barry Fraser		5/10/18 8/9/18 11/8/18 1/10/19	BayRICS JPA Report
C	Election of UASI Officers	Discussion & Action Item	Chair		1/10/19 (annually)	
D	NCRIC Annual Report	Report	Mike Sena		1/10/19 (annually)	
E	Training and Exercise Program Annual Report	Report	Shawn Sexton		1/10/19 (annually)	
F	NCRIC Threat Briefing	Report	Mike Sena		1/10/19 (annually)	

To: **Bay Area UASI Approval Authority**

From: **Ed Baldini, Department of Energy and Office of Radiological Security**

Date: **March 8, 2018**

Re: **Item 4: Radiological Security Briefing (2020 Cities Initiative)**

Staff Recommendation:

No recommendation

Action or Discussion Items:

Discussion, Possible Action

Background:

The UASI Preventive Radiological/Nuclear Detection (PRND) Focus Group is recommending that Bay Area local governments, law enforcement agencies, and private industry partners begin taking additional steps to improve radiological security at specific locations that use or store Class 1 radiological materials. Hardened security measures are needed at such facilities in order to prevent theft or other types of infiltration for use in weapons of mass destruction.

Discussion:

Ed Baldini, Philadelphia Police Captain Retired, representing the Office of Radiological Security will provide a five-minute presentation on the Department of Energy's "20-20 Program" and how the Bay Area can increase radiological security at these locations. Regional radiological security coordination opportunities will be discussed.

Top 20 Cities Response Integration
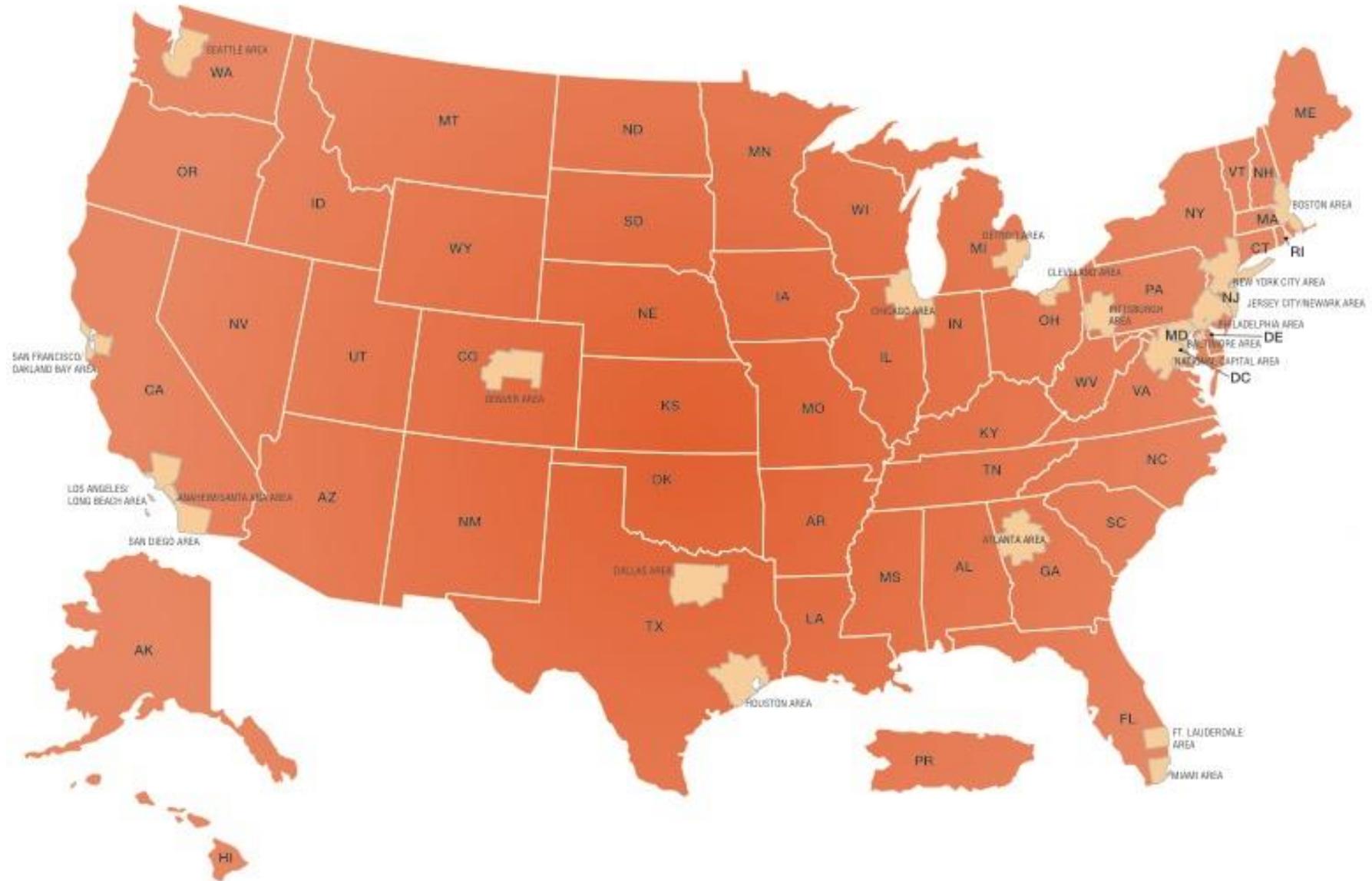
Containment Strategy

DETECT
Prompt detection and reliable notification
Remote Monitoring Systems
Multi-factor Access Controls
Motion and Radiation Sensors
Balanced Magnetic Switches
Tamper-Indicating Devices

DELAY
Extend adversary task time
Hardened Doors
Steel Cages
Grates on Windows
Jersey Barriers
Reinforced Walls

TRAIN
Effective security operations
Security System
Alarm Response Training
Customized Alarm Response Training
Personal Radiation Detection

RESPOND
Timely, aware, equipped, and trained response
Personal Radiation Detectors
Remote Monitoring
Response Planning and Tabletop Exercises

Integration with Law Enforcement

- Response Training and Exercises

- Alarm Monitoring and Protocols

- Response Planning

Response Training and Exercises

- Alarm Response Training

- Tabletop Exercises

- Customized Alarm Response Training

Alarm Response Training

- Three-day course at Y-12 Security Complex

- Classroom exercises and operationally-based practical exercise training

- Tailored training

Customized Alarm Response Training (cART)

- One-day version of Alarm Response Training

- Held in city

- ORS-supplied mock irradiator

- High state of readiness

Alarm Monitoring and Protocols

- Centralized monitoring

- Alarm protocols

- Rapid communication and response

Response Planning

- City consultations for major events

- Ensure sources are secure

- Coordinated plan

To: **Bay Area UASI Approval Authority**

From: **Philip D. White, CBRNE Project Manager**

Date: **March 8, 2018**

Re: **Item 5: Preventive Radiological Nuclear Detection (PRND) Program Update**

Staff Recommendation:

No recommendation

Action or Discussion Items:

Discussion, Possible Action

Background:

Since 2014, the Bay Area UASI has been developing a Preventive Radiological/Nuclear Detection (PRND) Program to prepare for the possible use of radiological and nuclear materials that have been taken out of regulatory control and used as a weapon of mass destruction. To date, this Focus Group, comprised of agencies from around the region, has developed multi-year planning efforts, drafted policies and procedures, a Concept of Operations and SOPs, identified regional equipment procurement, and trained over 400 first responders. The first exercise in which the PRND participated was 2016's Bay Ferry IV maritime full-scale exercise. This led to the development of the region's latest CBRNE full-scale exercise (FSE) - Vigilant Guardian that took place in October 2017. The PRND Program activities are summarized in the Appendix A PowerPoint presentation.

Current Status:

Most of the last quarter has been spent updating the region's PRND Concept of Operations Plan and Standard Operating Procedures to reflect the recent merging of the Domestic Nuclear Detection Office (DNDO) in the new Countering Weapons of Mass Destruction Office. Other work has included the scheduling of planned PRND trainings and exercises.

This year the following PRND training courses will be provided to the region by the Bay Area UASI Training & Exercise Program:

- "PRND Primary/Secondary Screener" course to be offered each quarter.
- "PRND Primary/Secondary Screener" Train-the-Trainer course to be offered in the second quarter of the year.
- "PRND Team Operations" course to be offered in the second quarter of the year.
- "PRND Team Leader" course to be offered in the second quarter of the year.
- "Maritime PRND Operations" course to be offered in the third quarter of the year.

This year the following PRND exercises will be planned for and conducted in the region:
- PRND tabletop exercise "Isotope Crossroads" based on the theft of radiological/nuclear materials during transportation.
- PRND Tabletop Exercise "Vigilant Guardian-2018" based on the attempt to smuggle a Radiological Dispersal Device (RDD) or "Dirty Bomb" into the Bay Area.
- PRND Full-Scale Exercise "Urban Shield" based on terrorist attack using a Radiation Exposure Device (RED).
- PRND Full Scale Exercise "Vigilant Guardian-2019" planning based on Improvised Nuclear Device (IND).

Next Steps:

To leverage the progress that has been made, the PRND Focus Group continues to implement the recommendations of the Vigilant Guardian-2017 After Action Report and Improvement Plan, as well as work collaboratively with various federal government agencies, including: the Federal Bureau of Investigation coordinating with the Northern California Regional Information Center (NCRIC), the Department of Homeland Security - Domestic Nuclear Detection Office (DNDO), the Department of Energy - Office of Nuclear Incident Response Consequence Management Program, and the Department of Defense - Defense Threat Reduction Agency (DTRA).
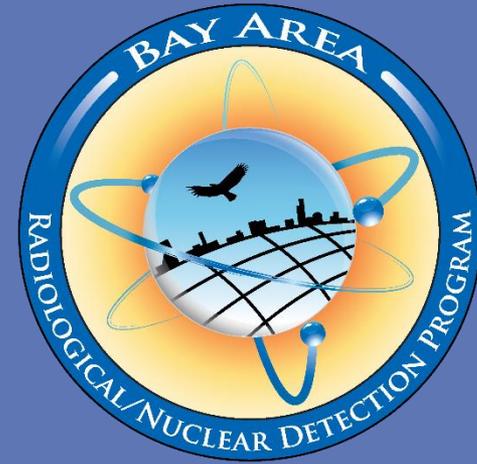
Bay Area PRND Program Update

Approval Authority Meeting
March 8, 2018
Dublin, CA

Philip White, Retired Fire Chief
CBRNE Reginal Project Manager

PRND Program Overview

- UASI Focus Group formed
- Multi Year plan developed

2014 Planning

2014-16 Capabilities Built

- Bay Area PRND Workgroup formed
- Policies and Procedures approved
- Concept of Operations and SOPs finalized
- Training and Exercise Plan developed
- Regional equipment purchase
- Over 400 first responders trained
- Bay Ferry IV Maritime FSE

2017 Capabilities Tested

- Vigilant Guardian FSE and Workshop Series
- Concept of Operations and SOPs validated
- Response guidelines developed and tested
- Regional equipment procured and tested

BAY AREA
RADIOLOGICAL/NUCLEAR DETECTION PROGRAM

2018 Training and Exercises Scheduled

- PRND Primary/Secondary Screener course
- PRND Primary/Secondary Screener Train-the-Trainer course
- PRND Team Operations course
- PRND Team Leader course
- Maritime PRND Operations course
- Isotope Crossroads TTX March 2018
- Vigilant Guardian – TTX June 2018
- Urban Shield –FSE Sept 2018
- Vigilant Guardian – FSE 2019 *(planning)*

PRND Program Next Steps

Continue to build Bay Area capabilities….

Vigilant Guardian AAR & Improvement Plan

Update PRND ConOps & SOPs

Purchase additional PRND equipment

Conduct exercise and training

Leverage Federal and State Partnerships

FBI / NCRIC

Dept of Homeland Security

Dept of Energy

Dept of Defense

Cal-OES

CA Radiation Health Safety Branch

Questions ?

Philip White, Retired Fire Chief

Phil.White@sfgov.org

To: Bay Area UASI Approval Authority

From: Philip White, CBRNE Project Manager

Date: March 8, 2018

Re: Item 6: Vigilant Guardian 2017 After Action Report

Staff Recommendation:

No recommendation

Action or Discussion Items:

Discussion, Possible Action

Discussion:

This presentation will provide an After Action and Improvement Plan Summary for the 2017 Vigilant Guardian full scale exercise.

Philip White, the Exercise Director, will present an overview of the exercise, After Action Report, and Improvement Plan highlights.

Please find the PowerPoint presentation in Appendix A and the Vigilant Guardian After Action Report and Improvement Plan Summary in Appendix B.

Vigilant Guardian 2017 After Action Report

UASI Approval Authority Meeting
March 8, 2018
Dublin, CA

Philip White, CBRNE Reginal Project Manager

Exercise Overview
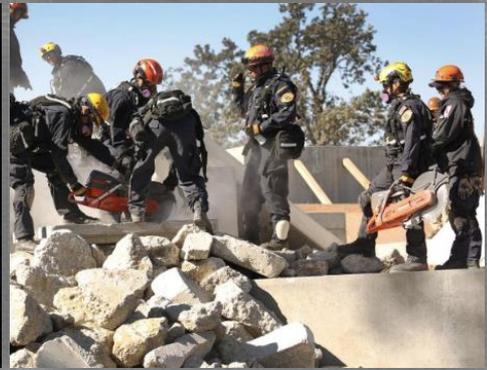
Vigilant Guardian Exercise Flow

Friday 10/20 Commercial Vehicle PRND Exercise	Saturday 10/21 Drill Setup C/E Brief	Sunday 10/22 Drill Setup C/E Brief	Monday 10/23 East, South Bay Land Drills
Tuesday 10/24 East, South Bay FSE	Wednesday 10/25 West Bay Land and Maritime Drills	Wednesday 10/25 West Bay Land and Maritime FSE MARS Training	Friday 10/26 Setup/ Prep Day / Friday 10/26 MARS Exercise
Saturday 10/28 RDD Exercise MARS FSE USAR FSE	(Sunday) Cleanup	(Monday) C/E Debrief	

Vigilant Guardian Exercise 2017 Map
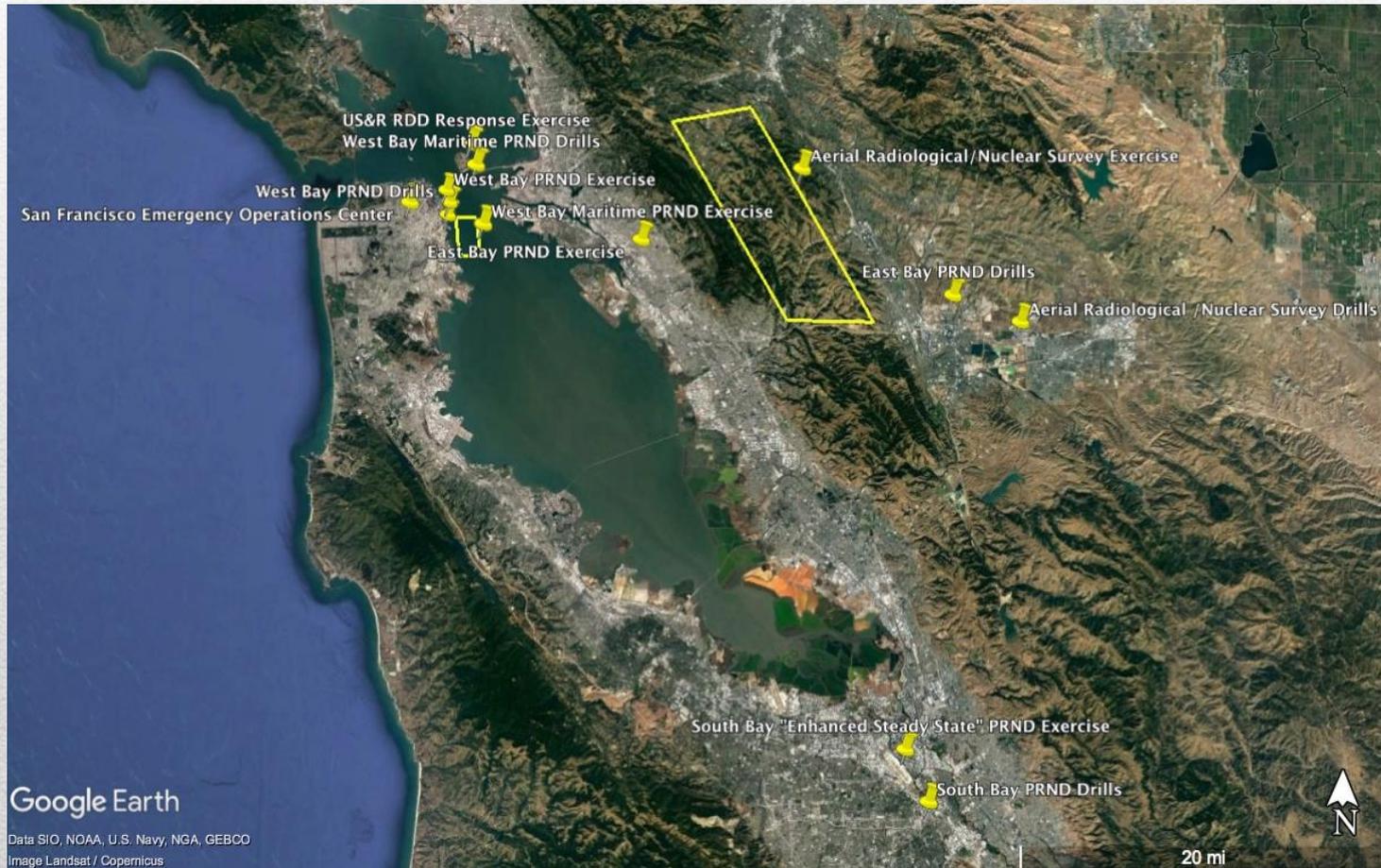
After Action Report Summary
Preventative Radiological Nuclear Detection (PRND)

Areas of Strength

1. Participants performed patrol, wide-area search, and choke point operations.
2. Participants adjudicated a radiation alarm involving a suspicious material.
3. Radioisotope identification was performed with all suspicious sources.
4. Fixed and rotary wing aircraft successfully performed the PRND mission.

Areas of Improvement

Participants exhibited:

1. Limited experience with creating or operating an Area Command.
2. Limited experience with planning for or directing an enhanced steady state operation.
3. Limited experience with operating with other primary and secondary screeners in enhanced steady state or radiological/search operations.
4. Limited proficiency in the performance of secondary screening and/or technical reach back.

After Action Report Summary

Radiological Nuclear Incident Response-Consequence Management (RNIR-CM)

Areas of Strength

1. First responders notified detection of radiation at the incident.
2. First responders promptly performed search & extraction of survivors in radiation field.
3. Incident Commander vetted presence of radiation with HazMat professionals.
4. Emergency managers properly implemented their role per radiological dispersal devices (RDD) planning guidance.
5. Hospital plan properly implemented to receive radiologically contaminated survivors.

Areas of Improvement

1. Update response policies and procedures to better guide public safety agencies following an RDD detonation.
2. Procure and implement regional distribution strategy for radiation detection and/or survey equipment to better support first responder and receiving hospital staff response operations.
3. Implement regional training and exercise schedule to sustain RNIR-CM proficiency standards.

Improvement Plan Summary

PRND

1. Provide customized PRND ICS position specific training.
2. Conduct regular primary and secondary PRND screening drills.
3. Establish annual team operations, team leader, and maritime PRND operations courses.
4. Distribute PRND job-aids and quick reference cards.
5. Include PRND tactics in annual tabletop and full scale exercises.
6. Practice steady state surge operations using the DNDO's Mobile Detection Deployment Units (MDDU).

RNIR-CM

1. Update RNIR-CM guidance for first responders, emergency managers, PIOs, public health professionals and receiving hospitals.
2. Procure and implement regional distribution strategy for:
   a) Personal Protective Equipment (PPE) for first responders and the public.
   b) Radiation detection and/or survey equipment for first responders.
   c) Decontamination equipment for hospitals.
3. Provide regular RNIR-CM training and exercises, job-aids and quick reference cards.

Questions ?

Philip White
CBRNE Regional Project Manager
Phil.White@sfgov.org
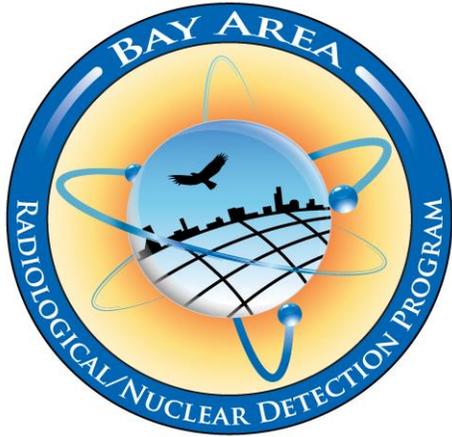
2017 Vigilant Guardian Full Scale Exercise

October 23-28, 2017

After Action Report
and Improvement Plan

Executive Summary

Exercise Director
Phil White
UASI CBRNE Project Manager

Deputy Exercise Director
Jill Raycroft
SFDEM MPA, CEM, MEP

Exercise Overview and Purpose

In partnership with the Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO), Department of Energy (DOE), Department of Defense (DOD) Defense Threat Reduction Agency (DTRA), Federal Bureau of Investigation (FBI), Federal Emergency Management Agency (FEMA) Region IX, US Coast Guard, California Governor's Office of Emergency Services (CalOES), California Army National Guard, local first responder agencies, and participating hospitals, the Preventative Radiological/Nuclear Detection (PRND) Workgroup planned and conducted Vigilant Guardian, a radiological/nuclear (R/N) detection, interdiction, and consequence management full-scale exercise (FSE) at different locations throughout the Bay Area from October 23- 28, 2017.

The purpose of the FSE was to bring together Bay Area first responders, as well as local, state, and federal agencies, to exercise the region's R/N detection, interdiction, and consequence management concept of operations (ConOps), standard operating procedures (SOPs), and personnel and equipment capabilities. The FSE incorporated the detection and interdiction of radiological threats on land and water and the response to a simulated detonation of a radiation dispersal device (RDD) in the City of San Francisco.

Threat Overview

R/N materials are being sought after by terrorists for use as a weapon of mass destruction (WMD) against targets in Europe and the United States[1]. Following the terrorist attacks on September 11, 2001, emergency managers and first responders at the local, state and federal level became concerned about radiological and nuclear materials being taken out of regulatory control and used as a WMD.

Examples of how R/N materials could be "weaponized" into a WMD include:
- Radiation exposure device (RED): A strong source of radiation that when placed in an area where people are likely to sit, stand, or pass, will expose them to unhealthy levels of radiation.
- Radiation dispersal device (RDD): An improvised explosive device that when detonated spreads radioactive material over a small area, the more likely R/N WMD.
- Improvised nuclear device (IND): Unlike an RDD, the detonation of an IND results in a nuclear detonation that causes widespread damage and radioactive contamination over a wide area. Of the three RN WMDs, the detonation of an IND is the least likely due to the difficulty in obtaining the required special nuclear material.

The primary use of an RDD is to disperse radioactivity into the environment. With the threat of additional attacks and the public's hypersensitivity to R/N materials, the detonation of an RDD will inflict panic and terror in the population. Radioactive contamination that may persist for an extended period of time in affected areas will require the mandatory relocation of many persons and businesses. When relocation costs are combined with the enormous cleanup costs, this can negatively impact the region's economy for years after the attack.

---

[1] Remarks by President Obama and Prime Minister Rutte at Opening Session of the Nuclear Security Summit, April 1, 2016

Exercise Scenario Overview

The "Brotherhood", a fictitious Home Grown Violent Extremist (HGVE) organization, plans on detonating three RDDs simultaneously in the financial districts of San Francisco, Oakland, and San Jose. Each RDD will contain 10,000Ci of ^{137}Cesium, 5.5 (12lbs) of high explosive. To avoid notice, the RDD's will be disguised as objects typically seen in public places. To maximize the number of casualties and contaminated persons the RDD's will be placed in an area that people are most likely to congregate. The HGVE organization plans to detonate the RDD's during the lunch hour on a Thursday when the number of persons in the primary target area is expected to be at their largest.

By committing such an act of terror, the HGVE organization hopes to coerce government and the civilian population into furthering their political and social objectives by causing a large number of casualties, creating panic because of the fear of radioactive contamination, and disrupting the Bay Area economy with the threat of additional attacks.

In the lead up to the attack, intelligence sources begin to intercept HGVE chatter that indicates there may be slightly elevated threat levels for RDD attacks across the country, and warn that state and local jurisdictions should consider enhancing R/N detection and interdiction capabilities at high-priority and high-risk sites that might be considered attractive targets.

Exercise Play Overview

In response, Bay Area government law enforcement, fire hazardous materials, and explosive ordinance teams agree to increase their R/N detection and interdiction efforts to an Enhanced Steady State mission state. To ensure unity of effort, the San Francisco FBI Office and the WMD Coordinator are providing oversight of Bay Area Enhanced Steady State activities planned to take place at various amusement parks, sports venues, and tourist attractions that could be considered as attractive targets to terrorists. The US Coast Guard-Sector San Francisco is coordinating all maritime R/N detection and interdiction activities.

Because of timely intelligence and information sharing among California's fusion centers, Federal, state, and local law enforcement agencies are provided with information about the HGVE activities on a need-to-know basis, which allows them to recognize an attack using multiple RDDs is imminent, develop their situational awareness, enhance operational coordination, and effectively escalate their R/N detection and interdiction efforts. These efforts soon result in location of two of the three HGVEs clandestine laboratories, and securing of their RDD's.

After losing contact with their confederates and fearing that they may soon be taken into custody, the third HGVE cell places the RDD at their secondary target: the South of Market area of San Francisco. Prior to the timed detonation of the RDD, violent extremists wearing suicide vests attack a nearby police and fire station with knives, hand-guns, and assault rifles. When the RDD detonates, the resulting explosion causes multiple casualties, fires, and collapse of a nearby building. ^{137}Cesium contamination initially creates Hot and Shelter-in-Place Zones within a 1500 feet radius from the point of detonation. Radioactive particles in the smoke are carried downwind, threatening to further expand the area of contamination.

Post-incident analysis indicates that this was a complex, coordinated terrorist attack (CCTA) against the financial centers of the Bay Area.

Improvement Plan (IP) Highlights

Based on the strengths and areas for improvement identified through the exercise, the following Improvement Plan (IP) items are highlighted:

Preventative Radiological Nuclear Detection (PRND)

1. Conduct regular primary and secondary screening training.
2. Provide annual PRND team operations training.
3. Provide annual PRND team leader training.
4. Provide annual maritime PRND operations training.
5. Provide tactical and hazmat PRND scenarios in the annual Urban Shield Emergency Preparedness and Security Exercise.
6. Provide an annual PRND tabletop exercise.
7. Provide an annual PRND full-scale exercise.
8. Practice steady state surge operations using the DNDO's Mobile Detection Unit (MDDU) equipment.

Radiological Nuclear Incident Response-Consequence Management (RNIR-CM)

1. Update and improve RNIR-CM guidance for first responders, emergency managers, public information officers, public health professionals and receiving hospitals.
2. Purchase additional Personal Protection Equipment (PPE) for use during R/N emergencies.
3. Purchase additional radiological detection and survey equipment for first responders and receiving hospitals.
4. Provide RNIR-CM training and exercises for first responders, emergency managers, public health professionals, and receiving hospitals.
5. Provide receiving hospitals with decontamination equipment.

To: Bay Area UASI Approval Authority

From: Pace Stokes, Captain, Alameda County Sheriff's Office / 2018 Urban Shield Incident Commander
Corinne Bartshire, UASI Regional Project Manager / Yellow Command Exercise Director

Date: March 8, 2018

Re: Item 7: Urban Shield 2017 After Action Report Summary

Staff Recommendation:

No recommendation

Action or Discussion Items:

Discussion, Possible Action

Discussion:

This presentation will provide an end of exercise summary for the 2017 Urban Shield full scale exercise.

Captain Pace Stokes and UASI Regional Project Manager Corinne Bartshire will present exercise highlights and after action items.

Please find the PowerPoint presentation in Appendix A and the Yellow Command After Action Report Executive Summary in Appendix B.

URBAN SHIELD 2017 SUMMARY

- Largest disaster preparedness/tactical training exercise in the nation for law enforcement, fire, EMS, EOD and emergency management personnel
- 61 realistic, full-scale exercises that included 15 critical infrastructure locations throughout five Bay Area counties
- 1 regional emergency management exercise
- 1 community preparedness fair
- Evaluated capabilities and equipment in an After Action Report and Improvement Plan

URBAN SHIELD 2017 CRITICAL INFRASTRUCTURE

- Golden Gate Bridge
- Sandia National Laboratory
- Alameda-Contra Costa Transit District
- Amtrak
- Bay Area Rapid Transit (BART)
- San Francisco International Airport
- San Leandro Reservoir
- Los Vaqueros Reservoir
- San Antonio Reservoir
- Richmond Chevron Refinery
- UCSF Benioff Children's Hospital
- Washington Hospital
- Port of Alameda
- Port of Redwood City
- Union Pacific Railroad

AREA COMMANDS

Gray Command	Red Command	Green Command	White Command	Yellow Command	Teal Command
Alameda County Sheriff's Office	Alameda County Fire Department	Palo Alto OES	Alameda County Sheriff's Office	Bay Area UASI	Alameda County Sheriff's Office

Black Command	Silver Command	Blue Command	Tan Command	Gold Command
Alameda County Sheriff's Office	San Mateo County Sheriff's Office	Alameda County Sheriff's Office	San Francisco Police Department	Alameda County Sheriff's Office

AREA COMMANDS

Strength:
The Incident Commander was highly skilled and understood how to manage an EOC by developing an organizational structure and maintaining interoperability through situational awareness and common operating picture principles .

Recommendation:
Additional training and understanding of the Intelligence/Investigation Section Chief's role within the exercise

EMERGENCY MEDICAL SERVICES (EMS)

Strength:
Emergency medical teams worked under law enforcement protection in casualty management and movement after threats were neutralized.

Recommendation:
Officers with no cover should not place a tourniquet on a victim if RTF members are standing and watching in close proximity. Specific course recommendations include: Medical Preparedness and Response to Bombing Incidents (PER-233) (New Mexico Tech).

EXPLOSIVE ORDNANCE DISPOSAL (EOD)

Strength:
Teams recognized threats, deployed rapidly, understood the category 1 situation, and reacted quickly. There was a good line of questioning by EOD operators in attempting to gain as much knowledge as possible regarding devices.

Recommendation:
Teams should incorporate into their training more planning and deployment of equipment during their initial size-up.

HAZARDOUS MATERIALS RESPONSE (HAZMAT)

Strength:
Teams characterized the site, reported the available information, such as processes and products involved, and then shut down the processes (fermenters, separators, heaters, bubblers, nitrogen bath, etc.).

Recommendation:
Specific course recommendations include: Public Safety WMD Response Sampling Techniques and Guidelines (PER-222)(NCBRT).

MARITIME – WATER RESCUE

Strength:
Teams displayed good leadership, knowledge, and familiarity with tactics being tested. All crew members stepped forward to help complete the mission.

Recommendation:
The results of this exercise demonstrate that operators have too little time training on tillers and wheels. All operators need more time on the water, conducting tight and slow maneuvers, and using structures on the waterway to master handling. A school can teach them, but using the skill is the only way to master it.

URBAN SEARCH & RESCUE (US&R)

Strength:
Teams demonstrated technical management and coordination of all aspects for the given scenario and met all anticipated tactical challenges presented.

Recommendation:
Teams should become familiar with the local assets and resources available to them. When presented with an unusual circumstance requiring a heavy lift, it would be important to know who has tow trucks and cranes available.

LAW ENFORCEMENT TACTICAL

Strength:
Once the teams realized a person was a potential suspect, the team appropriately engaged. If de-escalation was possible, the suspect was detained without any use of force, and was subsequently removed from the area. Teams operated in a calm and professional manner while communicating with each other and the suspects.

Recommendation:
Specific course recommendations include: Exterior Response to Active Shooter Events (ALERRT), Active Threat Integrated Response Course (PER-340), Incident Response to Terrorist Bombings (PER-230) (New Mexico Tech)

COMMUNITY PREPAREDNESS

Strength:
The numbers of participates and attendees exceeded expectations for this first-time event, with community members, exhibitors and partners reaching over 1000. This event gave residents the opportunity to receive whole-community training and preparedness information from sources they may not have been able to access otherwise.

Recommendation:
Increase the time of the fair and training classes. Improve advertisement for the overall event, especially to targeted audiences for the training classes.

COMMUNITY EMERGENCY RESPONSE TEAM

Strength:
The overall readiness and skill levels of local CERT members were tested. Most were not used to working an eight-hour day, with members from other jurisdictions, revealing varying skill levels and training gaps.

Recommendation:
Specific course recommendations include: Introduction to Community Emergency Response Teams (IS-317) (FEMA), Community Emergency Response Team Program Manager (E0427) (FEMA).

EMERGENCY MANAGEMENT

Strength:
The Bay Area has established a regional Care & Shelter Subcommittee, fostering relationships across jurisdictions. This allows for understanding capabilities and effectively working together in a disaster.

Recommendation:
Pre-scripted resource requests and mission tasks would facilitate a more expedient response.

Bay Area Urban Areas Security Initiative

2017 Urban Shield
Yellow Command

REGIONAL

Tabletop Exercise (TTX)

September 7, 2017

After Action Report

This page intentionally left blank.

EXECUTIVE SUMMARY

Background

The Bay Area Urban Areas Security Initiative (UASI), sponsored a series of exercises from June - September 2017. The **2017 Urban Shield, Yellow Command Exercise Series**, included 14 local tabletop exercises (TTX) to assess local and operational area (OA) mass care planning and operational capabilities; and one (1) Regional TTX to assess regional coordination for mass care services throughout the Bay Area.

An overarching goal of the 2017 Urban Shield, Yellow Command Exercise Series was to increase the collective capability to facilitate and support emergency mass care and sheltering services throughout the Bay Area. As a result, Bay Area stakeholders reviewed and assessed local care and sheltering plans, policies and procedures; regional plans, including the Bay Area Earthquake Plan (BAEP) and numerous Memorandums of Understanding (MOU) in place to secure facilities and resources required for mass care and sheltering services.

The Regional TTX was designed to identify strengths and areas for improvement related to the capability for performing mass care services in response to a catastrophic earthquake affecting all jurisdictions throughout the Bay Area.

In addition to aligning with the National Preparedness Goal, the exercise series, was designed and developed in accordance with Homeland Security Exercise and Evaluation Program (HSEEP) doctrine and methodologies.

This After Action Report summarizes the outcomes of the Regional TTX. Separate after action reports were provided to the local jurisdictions for each of the 14 local TTXs.

Capabilities and Exercise Objectives

The exercise planning team was comprised of local, regional, State and non-governmental agencies. The exercise planning team helped develop all aspects of the exercise including scenario, discussion questions and logistical coordination.

The U.S. Department of Homeland Security (DHS) has defined **Mass Care Services**: *To provide life-sustaining services to the affected population with a focus on hydration, feeding, and sheltering to those who have the most need, as well as support for reunifying families*.

Based on the exercise planning team's deliberations and review of the Mass Care Services and additional associated capabilities, the following exercise objectives were identified:

Exercise Objective	Core Capability
1. Discuss care and shelter response capabilities across local and state agencies as well as non-governmental and partner organizations.	Mass Care Services
2. Identify gaps in care and shelter resources necessary for multi-jurisdictional and region-wide incidents.	Mass Care Services
3. Identify processes for maintaining a regional common operating picture and situational awareness.	Operational Coordination
4. Discuss coordinated use of regional information sharing tools such as WebEOC, CalEOC, and Cal COP.	Operational Coordination
5. Discuss the integration/coordination of response operations with the Bay Area Joint Information System.	Public Information and Warning

Participating Agencies

There were 122 total TTX participants representing the following agencies and/or jurisdictions:

Regional, State, and Federal
Bay Area Urban Areas Security Initiative
California Department of General Services
California Department of Public Health
California Department of Social Services
California Governor's Office of Emergency Services
Federal Emergency Management Agency
U.S. Department of Veteran's Affairs Palo Alto
U.S. General Services Administration
Local Jurisdictions
City and County of San Francisco

FOR OFFICIAL USE ONLY
Homeland Security Exercise and Evaluation Program (HSEEP)

City of Berkeley
City of Dublin
City of Oakland
City of Santa Clara
City of South San Francisco
County of Alameda
County of Contra Costa
County of Marin
County of Monterey
County of Napa
County of San Benito
County of San Mateo
County of Santa Clara
County of Santa Cruz
County of Solano
County of Sonoma
Marin City Community Services District
Non-Governmental Organizations / Private Sector Partners
American Red Cross
Swardenski Consulting
The Salvation Army

Exercise Structure

Players participated in two discussion modules:

- **Module 1: Event + 72 hours, Initial Shelter Operations**
  - Part 1- Capability Briefing *(breakout)*
  - Part 2- Care and Shelter Resource Discussion *(breakout)*
  - Part 3- Regional Review of Needs/Solutions *(plenum)*

- **Module 2: Event + One Week, Sustained Shelter Operations**
  - Part 1- Information Management/Situational Awareness/Common Operating Picture *(breakout)*
  - Part 2- Mock Regional Coordination Call *(plenum)*

Each module began with a summary of key scenario events occurring during the designated period. Following the scenario updates, participants reviewed the situation and engaged in group discussions regarding capabilities and anticipated response challenges. Exercise participants were seated in one of five groups based on the geography of their organization:

- North Bay
- South Bay
- East Bay
- West Bay
- State / Federal

Summary of Exercise Results

This After-Action Report (AAR) includes strengths and areas for improvement identified during the exercise. Corrective actions are outlined in the Improvement Plan (IP).

The major strengths identified during this exercise are as follows:

- The California Department of Social Services (CDSS) has the resources and capability to provide just-in-time training for shelter workers. To augment staffing, CDSS can deploy about 100 employees within 72 hours and redirect them to the areas of need. Additionally, CDSS oversees and coordinates the Functional Assessment Service Team (FAST) program. The FAST program is a resource to support access and functional needs within shelter operations.

- Operational Areas have trained FAST team members, as many as 30-45 individuals in one county, to support the Access and Functional Needs community. The operational areas continue to request, receive and participate in FAST training sponsored by the California Department of Social services (CDSS).

- Jurisdictions have identified responsibility within the EOC for coordinating access and functional needs issues related to mass care and shelter.

- The discussion provided an opportunity for the American Red Cross (ARC) to observe differences among jurisdictions they work with, including local policies, capabilities, and needs, so future strategies can be appropriate to each jurisdiction.

- The Bay Area has established a regional Care & Shelter Subcommittee, fostering relationships across jurisdictions. This allows for understanding capabilities and effectively working together in a disaster.

- The local jurisdictions are continuing to develop shelter operations capabilities and addressing areas for improvement identified at their respective tabletop exercises.

Throughout the exercise, several opportunities for improvement were identified. The primary areas for improvement are as follows:

- State (and local) agencies need to continue planning for prioritization of scarce resources across the entire region. Pre-scripted resource requests and mission tasks would facilitate a more expedient response.
- There are communication gaps during the process of requesting and filling resource needs between the Operational Areas, Region (RDMHS) and Cal OES.
- There is a gap in the sharing of information from collected Situation Status Reports back to Operational Areas.
- There is no agreed upon list of essential elements of information (EEIs) for care and shelter operations.
- Medically fragile populations have not been adequately addressed in current care and shelter planning efforts at all levels of government.
- Local jurisdictions do not have a clear understanding of their resource gaps for care and shelter operations.
- Public health and behavioral health departments have not been sufficiently incorporated into local care and shelter planning.
- Jurisdictions need to determine the feasibility of supporting non-traditional sheltering options (i.e. parks/outdoors) and mega shelters.
- Care and shelter staffing resources, from shelter managers to building inspectors, are inadequate across the region.
- Care and shelter operations planning must be closely coordinated with transportation and logistical considerations.
- Access and functional needs are not fully integrated into planning efforts.
- Existing MOUs with the American Red Cross are outdated and need revision.

This page intentionally left blank.

Homeland Security Exercise and Evaluation Program (HSEEP)

EXERCISE OVERVIEW

Exercise Name	2017 Urban Shield Yellow Command Regional Tabletop Exercise (TTX)
Exercise Dates	Thursday, September 7, 2017
Scope	This exercise was a tabletop exercise, conducted for six hours from 9:00 am to 3:00 pm at the Shannon Community Center, 11600 Shannon Avenue, Dublin, CA 94568. Exercise play was a scenario-based discussion of care and shelter capabilities, gaps, and opportunities for improvement.
Mission Area(s)	Response
Core Capabilities	Mass Care Services Operational Coordination Public Information and Warning
Objectives	1. Discuss care and shelter response capabilities across local and state agencies as well as non-governmental and partner organizations. 2. Identify gaps in care and shelter resources necessary for multi-jurisdictional and region-wide incidents. 3. Identify processes for maintaining a regional common operating picture and situational awareness. 4. Discuss coordinated use of regional information sharing tools such as WebEOC, CalEOC, and Cal COP. 5. Discuss the integration/coordination of response operations with the Bay Area Joint Information System.
Threat or Hazard	Catastrophic Earthquake with compounding human-caused incidents
Scenario	A 7.6 magnitude earthquake along the San Andreas Fault at 0900 on September 4, 2017. Extensive damage across the Bay Area region including widespread electricity blackouts, lack of cellular telephone coverage and damage to major highways. Shelters are opened and shelter operations continue for several weeks.
Sponsor	Bay Area Urban Areas Security Initiative (UASI)

Participating Organizations	Participating organizations include local, state, federal and non-governmental organizations supporting Mass Care Services in the Bay Area. A complete list of participants and represented organizations can be found in **Appendix B.**
Points of Contact	**UASI POC:** Corinne Bartshire Exercise Director Corinne.bartshire@sfgov.org (415) 353-5234 **Support Team POCs:** Wendy Suhr Willdan Homeland Solutions wsuhr@willdan.com (602) 882-7463 Jim Bailey Willdan Homeland Solutions jbailey@willdan.com (760) 521-5087

To: Bay Area UASI Approval Authority

From: Catherine Spaulding, Assistant General Manager

Date: March 8, 2018

Re: Item 8: Bay Area UASI Homeland Security Goals

Staff Recommendation:

Approve the proposed Bay Area UASI Homeland Security Goals

Action or Discussion Items:

Action

Discussion:

The proposed Bay Area UASI Homeland Security Goals are as follows:

Table 1: Proposed Bay Area UASI Homeland Security Goals

GOAL 1	*Public Safety Information Sharing*
GOAL 2	*Critical Infrastructure*
GOAL 3	*Cybersecurity*
GOAL 4	*Communications*
GOAL 5	*Health and Medical*
GOAL 6	*Catastrophic Planning and Response*
GOAL 7	*Community Preparedness*
GOAL 8	*Recovery*

Table 2 below provides additional detail on the goal areas and alignment to FEMA's 32 core capabilities.

Table 2 Proposed Bay Area UASI Homeland Security Goals with Core Capabilities

	NAME	DESCRIPTION	CORE CAPABILITIES
GOAL 1	*Public Safety Information Sharing*	Enhance information collection, analysis and sharing in support of public safety operations	Intelligence and Information Sharing Risk and Disaster Resiliency Assessment Threats and Hazards Identification
GOAL 2	*Critical Infrastructure*	Protect critical infrastructure and key resources from all threats and hazards	Risk Management for Protection Programs & Activities Physical Protective Measures Access Control and Identity Verification Long-term Vulnerability Reduction Infrastructure Systems
GOAL 3	*Cybersecurity*	Strengthen security and preparedness across cyberspace	Cybersecurity
GOAL 4	*Communications*	Strengthen communications capabilities through planning, governance, technology, and equipment	Operational Communications Public Information and Warning
GOAL 5	*Health and Medical*	Improve health and medical capabilities	Environmental Response/Health Safety Public Health, Healthcare, & EMS Fatality Management
GOAL 6	*Catastrophic Planning and Response*	Enhance multi-jurisdictional/inter-jurisdictional all-hazards incident catastrophic planning, response, and recovery capabilities	Operational Coordination Planning Forensics and Attribution Screening, Search, and Detection Interdiction and Disruption Supply Chain Security and Integrity Environmental Response/Health Safety Mass Care Services Logistics & Supply Chain Management On Scene Security Protection and Law Enforcement Fire Management and Suppression Critical Transportation Mass Search and Rescue Operations Situational Assessment
GOAL 7	*Community Preparedness*	Enhance community preparedness	Community Resilience
GOAL 8	*Recovery*	Enhance incident recovery capabilities	Planning Infrastructure Systems Natural and Cultural Resources Health and Social Services Economic Recovery Housing

Comparison of Proposed to Current Goals

The updated Bay Area UASI Homeland Security Goals include some small changes from prior years. However, many goals are the same or essentially the same. A comparison of the proposed updated homeland security goals to our current goals is provided in table 3 below.

Table 3: Comparison of Proposed to Current Goals

	Proposed Updated Goals	*Current Goals*
GOAL 1	*Public Safety Information Sharing*	*Risk Management and Planning*
GOAL 2	*Critical Infrastructure*	*Information Analysis and Infrastructure Protection*
GOAL 3	*Cybersecurity*	*Communications*
GOAL 4	*Communications*	*CBRNE Detection, Response, and Decontamination*
GOAL 5	*Health and Medical*	*Medical and Public Health Preparedness*
GOAL 6	*Catastrophic Planning and Response*	*Emergency Planning and Community Preparedness*
GOAL 7	*Community Preparedness*	*Recovery*
GOAL 8	*Recovery*	

Justification for Updating Goals

The reasons for the proposed update to the Bay Area UASI Homeland Security Goals are to facilitate and strengthen our grant application to the State and to maintain consistency with past practice. Last month the Governor's Homeland Security Advisor (HSA) in collaboration with the Homeland Security Advisory Committee (HSAC) approved a new State Homeland Security Strategy. The process to develop the strategy took two years and included extensive stakeholder input, including many of us here in the Bay Area. Bay Area UASI strategic documents have always been aligned with state and federal documents and guidance. The State Homeland Security Strategy Goals provide the required framework for the State's Investment Justifications (IJs) that form a key component of the state's application to FEMA for UASI funding. Alignment with the State's goal areas also helps us to communicate capability strengths and gaps in a consistent and clear manner.

Impact of New Bay Area UASI Homeland Security Goals

The impact of our new Bay Area UASI Homeland Security Goals will be alignment with the State. The proposed new goals reflect an update in categorization. The goals do not change our grant allocation process. As always, we allocate funding based on our local needs, risks, and gaps. How we spend grant funds will continue to be governed by our THIRA, risk management program results, stakeholder input, and policy guidance from the Approval Authority.

Background of the Bay Area UASI Strategic Framework

Historically, the Bay Area UASI maintained an extensive strategic plan as required by DHS/FEMA. However, with the introduction of the THIRA requirement in 2015, DHS/FEMA no longer required homeland security strategies from Urban Areas. Although the formal requirement no longer exists, the Bay Area UASI still needs some kind of consistent framework in order to organize regional efforts, communicate risks and gaps, and allocate and track grant funds in a manner consistent with the State's application requirements. Given this ongoing need, the Bay Area UASI Management Team produced the Bay Area UASI Homeland Security Goals and Objectives document for the first time in 2015. This document was approved by the Approval Authority in July 2015. Since then, the document has been updated annually with our THIRA results. The 2017 Bay Area UASI Homeland Security Goals and Objectives document can be found on the Bay Area UASI website at:

http://bayareauasi.org/sites/default/files/resources/GoalsandObjectives2017April.pdf

To: **Bay Area UASI Approval Authority**

From: **Janell Myhre, UASI Regional Program Manager**

Date: **March 8, 2018**

Re: **Item 9: Technical Assistance Program Kick Off**

Action or Discussion Items:

Discussion, Possible Action

Discussion:

The UASI Management Team is pleased to kick off its revitalized Technical Assistance (TA) Program delivering services to the Bay Area.

The UASI TA Program provides an easy way for Bay Area stakeholders to initiate important initiatives and accomplish jurisdiction goals using current and previously developed UASI deliverables. TA sessions enable jurisdictions to take the next steps to fully utilize plan templates, operational toolkits, and customizable trainings that have been developed with UASI funding. TA is delivered by Bay Area UASI project managers and includes support for planning, workshops, tabletops, and exercises.

Background:

Over the past three years, we have delivered nine TA sessions in the following jurisdictions: the cities of San Francisco, South San Francisco, San Jose, and Santa Clara and the counties of San Mateo, Monterey, Santa Cruz, San Benito, and Marin. These TA deliveries all received praise from stakeholders, as well as strengthened response and planning efforts during Bay Area real world events and incidents.

Next Steps:

Approval Authority and Emergency Management Work Group members have expressed strong interest in continuing to utilize and build capabilities with UASI products. Towards these ends, the Management Team will conduct greater outreach with stakeholders on the TA Program over the coming months. In addition, we will be distributing a newly developed brochure (see Appendix A), updating our website, and posting a TA Program webinar. Stakeholders will also be allowed to request TA sessions through WebGrants during the FY19 proposal process.

The UASI Management Team looks forward to hearing your feedback on the TA Program. We will come back to you with a program update in Spring 2019.

TECHNICAL ASSISTANCE PROGRAM TEAM

Corinne Bartshire
Project Manager
Emergency Management

Corinne performs oversight of projects designed to improve the Bay Area's emergency management operations. She brings national experience in all hazards planning, exercise design, and stakeholder group facilitation.

Corey Reynolds
Project Manager
Communications & Technologies

Corey oversees UASI projects in information and communications technology, public information and warning, and cybersecurity. Prior to joining the UASI, Corey led numerous emergency operations and recovery planning efforts and consulted with the U.S. Department of Commerce's public safety communications.

Amy Ramirez
Project Manager
Risk Management

Amy's portfolio includes Risk Management, Threat Hazard Identification & Risk Assessment and coordination of the Medical/Public Health Workgroup. Amy joined UASI after 12 years at the San Francisco Division of Emergency Services.

Phil White
Project Manager
CBRNE & Maritime

Phil is a retired fire chief carrying 38 years of experience in emergency response, special operations and consequence management. He developed and managed training programs for EMS, fire, law enforcement, emergency management, private industry, military and special operations groups.

Why use the UASI Technical Assistance Program?

The two-day Commodity Points of Distribution (CPOD) course attributed to the success of our 2017 Fleet Week exercise and has helped prepare San Francisco emergency managers for a real world incident.
-Jill Raycroft, City of San Francisco DEM

Being part of the Bay Area JIS allows us to enjoy a sharing of competencies across jurisdictions.
-Tom Jordan, Marin County OES

Becoming part of the JIS as a new PIO will give you networking opportunities that you couldn't get any other way.
-Betsy Burkhart, Contra Costa County PIO

The Local Government Care and Shelter Gap Identification Tool gives us a way to systematically plan for all shelters within our jurisdiction. Great Information!!
- Mitch Green, City of Oakland OES
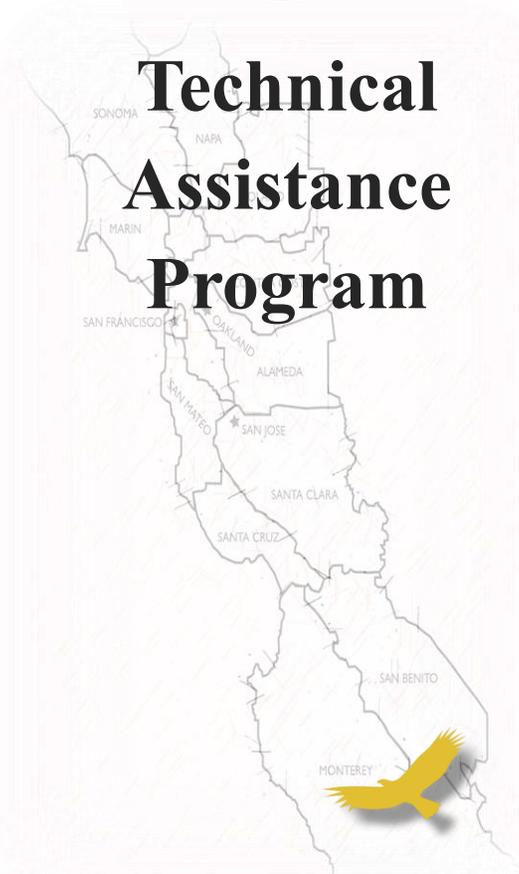
If you are interested in more information or to request a Bay Area UASI Technical Assistance Program session, please contact Janell Myhre at 415-353-5244 or visit:
www.BayAreaUASI.org/TAProgram

Technical Assistance Program

UASI

TOPICS

The following topics are available for technical assistance program sessions:

- Bay Area Joint Information System (including a multi-media training platform)

- Care and Shelter Planning Toolkit

- COOP/COG Toolkit

- Cyber Security Vulnerability Assessments and Phishing Exercise

- C-POD Planning Toolkit

- Disaster Recovery Framework and Recovery Support Function Templates

- Disaster Recovery Permit and Regulation Waiver Toolkit

- EOC Just-in-Time Training videos

- ESF-15 Template

- Public Private Partnership Resiliency Initiative

- Regional Catastrophic Plans (including training and validation TTX)

- Other services related to UASI initiatives

PROGRAM OVERVIEW

The Bay Area UASI offers staff support to utilize Bay Area planning toolkits and templates to assist Bay Area emergency management and public safety officials.

The UASI Technical Assistance Program builds an understanding of current and previously developed UASI products providing stakeholders an easy way to initiate and complete important initiatives to accomplish jurisdictional goals.

SERVICE OFFERINGS

CONSULTATION

UASI Project Managers and partners will come to your jurisdiction and review the template/tool with you and your team. As part of this consultation, the UASI Management Team will help you understand how best to use the template/tool, and assist you in identifying a path forward.

WORKSHOP OR TABLETOP SUPPORT

Working closely with a local point of contact, Project Managers will help you design, conduct, and follow up on a local workshop or tabletop exercise that explores or implements one of the available templates and tools.

EXERCISE SUPPORT

An UASI Management Team Project Manager can provide day-of exercise support for local tabletop, functional, and full-scale exercises, including controller/evaluator services.

OTHER SERVICES

A local jurisdiction can request other consultative services from the UASI Management Team, provided it is closely related to one or more of the available templates and tools.

PARTNTER SERVICES

Northern California Regional Intelligence Center - NCRIC Cyber Team

NCRIC cyber threat intelligence analysts, information technology teams and all levels of law enforcement work together to address cyber security threats.

To: **Bay Area UASI Approval Authority**

From: **Tristan Levardo, CFO**

Date: **March 8, 2018**

Re: **Item 10: FY2016 UASI Spending Report**

Staff Recommendation:

No recommendation

Action or Discussion Item:

Discussion, Possible Action

Summary

The sub-recipient performance period for FY2016 UASI grant is November 1, 2016 – December 31, 2017. Several projects have been approved for extension to complete the work.

Financial Information:

Jurisdiction	Budget	Spending	Spent %	Committed
Management Team	3,960,989	1,056,570	28%	2,704,419
Alameda	5,335,014	4,178,928	78%	1,156,086
Berkeley PD	125,373			125,373
Contra Costa	504,229	470,650	93%	33,579
Fairfield	72,576	72,576	100%	
Marin	196,887	196,841	99%	46
Monterey	191,699	176,908	92%	14,791
NCRIC	4,393,204	1,566,303	36%	2,826,901
Oakland	1,063,629	418,550	39%	645,079
Pittsburg	268,221	268,221	100%	

San Francisco	3,106,196	2,271,967	73%	834,229
San Jose	1,599,641	184,968	12%	1,414,673
San Mateo	807,355	806,617	99%	738
Santa Clara	435,000	431,028	99%	3,972
Santa Cruz	137,841	121,852	88%	15,989
Solano	75,279			75,279
Sonoma	151,278	99,508	66%	51,770
Southern Marin Fire District	4,389			4,389
Total	22,428,800	12,321,487	55%	10,107,313

SPENT %

Department	Spent %
Management Team	27%
Alameda	78%
Berkeley PD	0%
Contra Costa	93%
Fairfield	100%
Marin	100%
Monterey	92%
NCRIC	36%
Oakland	39%
Pittsburg	100%
San Francisco	73%
San Jose	12%
San Mateo	100%
Santa Clara	99%
Santa Cruz	88%
Solano	0%
Sonoma	66%
Southern Marin Fire District	0%