



To: SCHMRT Members and Administrators
From: Gerry Gray, Operations Director
Date: October 19, 2011
Subject: October SCHMRT Drill & Team Report

DRILL RECAP

On October 19th, 35 members of the SCHMRT assembled for our monthly drill at the Redding Fire Station #8. Although the drill theme centered on our typical "circuit station" format, we also spent a few hours working with the Shasta County Bomb Squad personnel and explored the potential of using the bomb squad robot in hazardous materials entry situations.

Bomb Squad Robot

The concept and motive behind using a robot for limited hazardous materials entries is really quite simple: The robot can be deployed in a much quicker time frame than a haz mat team (10 mins vs. 1 hr) and it can perform quick, simple tasks (such as gather monitor readings or recon an area). The robot could not match the capability of a trained haz mat member, but could augment the capability. Currently, every single *initial* SCHMRT entry involves an element of reconnaissance and unknown – the robot could help reduce this time burden on the entry team and the corresponding level of liability to our entry personnel. The robot handled our air monitors and other monitoring



instruments with ease and demonstrated some of its effective capabilities, including some extreme high-resolution cameras (much better quality than any SCHMRT entry camera). The robot could be deployed in a haz mat situation and sent into the "hot zone" for a continuous video feed & continuous air sampling readings. Provided we are reasonably careful with the deployment, the decontamination of the unit may be limited only to the tracks & wheels, but the unit may still be hosed off, if necessary.

Our deep appreciation to the multi-agency Shasta County Bomb Squad and their expert time today with the SCHMRT. The team and their robot demonstrated a

number of capabilities that we may call upon in future SCHMRT activations. We hope to bring this team back for more SCHMRT training in the future.



Curiously, the Bomb Squad technicians also found our training as a valuable opportunity to explore the possibility of wearing SCBAs over their “heavy” bomb suits during an entry into related bomb/explosive incidents. Obviously, the SCBA would allow them entry into hazardous atmospheres, not otherwise possible. We were told that our SCBA packs were tight, but the bomb technicians made them work (notice that most of the straps were not fastened).

Air Monitor Station

Good work by Rik Valles, Kevin Ward, and Mike Sawyer, in the presentation & training on our new air monitors. As mentioned previously in email, the SCHMRT has finally retired all of the old TMX-412 monitors and has replaced them with the new state-of-the-art “MX-6” multi-gas monitors. The team now has three MX-6 monitors which harbor the standard OSHA 4-gas sensors (CO, H₂S, O₂, and LEL) but which also include a *photoionization detector* and two additional MX-6 monitors with “exotic gas sensors” such as chlorine and ammonia. The air monitor station today covered the bump test & calibration procedures, and of course the general operation of the devices. All of these air monitors will be mounted in calibration docking stations on HM-24 and will be automatically calibrated by computer to ensure continuous accuracy and functionality. The Tech Ref workgroup has done a fantastic job of preparing the hardware for the air monitors.



B-Kit Application Station
Captain Doug Martin (one of our SCHMRT members from LMU) completed a nice training prop involving an actual 1-ton container cut in half. This training prop is equipped with compressed air capability and water lines to simulate an actual 1-ton container (but without the bad stuff). 1-ton containers are typically used at water treatment or wastewater treatment plants to store large quantities of chlorine or sulfur dioxide. Our team has spent a



substantial amount of time this year working on Level A entries into these types of incidents at a number of facilities in our 6-county jurisdiction. This training prop is a fantastic addition to our training inventory. Many thanks Doug.

TEAM TYPING

(Repeat from last month): Team Typing Audit with CalEMA scheduled for December 7, 2011. We have requested consideration for Team Type III and Team Type II. *Note: this audit coincides with the TRANSCAER Anhydrous Ammonia Training that we have scheduled in Redding on that same day. A few of us will not attend this training.*

Rik Valles, Mike Blair, and I will be meeting again soon to finalize all of our plans and details on the team typing project. This has been an exhaustive team effort spanning several years now. The entire team has contributed to this effort in one way or another. We need to put the finishing touches on a few items, including installation of the new air monitors and final configuration of the brand new tech ref lap top computer.

TEAM RECAP

Reminder: SCHMRT Administrators Meeting October 20, 2011 at 0930 hrs at SHU CalFire in Redding.

SCHMRT members Sean Coleman and Ross McFaull: "Get Well"!

Mike Anderson is working on member certificates and member records. He is also working on a HM-24 generator project that we have been beating our heads over for too long...Mike's got us on the right track...thank you.

Here is a list of upcoming team training...please note TWO DRILLS IN NOVEMBER!

Future SCHMRT Drills:

- **MONDAY, NOV 7, 2011** at 1000hrs: Butte College, Oroville (Annual training with Butte Co HM Teams & UPRR: Rail Car Ops). Please bring your own lunch to this!
- WED, NOV 16, 2011 at 0900hrs at RFD Station 8 (Work detail for upcoming Team Typing audit).
- **WED, DEC 7, 2011** at 0900hrs in Redding (TRANSCAER Anhydrous Ammonia Training with UPRR). *Note: Butte County HM Teams will be in Redding on Dec 6th for this same class. Also, note that this is the same date as our Team Typing Inspection so a few of us will not attend this training.*
- There will be no other scheduled team drills in December – we will pick it up again on January 18, 2012.

Please note that the RED FONT dates are not the normal “3rd Wed of the month” drill dates. Adjust your calendars accordingly.

GENERAL

1. Workgroup Leaders/Managers:

- Corado Reginatto: SCBAs
- Kevin Ward: Documents and Forms
- Cyndi Freeman: Member Records
- **Vacant**: Suits and Suit Maintenance
- Rob Pitt: Inventory Management
- **Vacant**: Equipment & Tools Management
- Kyle Johnson: Communications Equipment
- Rik Valles: Technical Reference
- Scott Packwood: HM-24 Apparatus Issues

The Team Leaders are those individuals who continue to make things happen on this team. It is truly a thankless job, but I do want to take a moment and thank each and every one of the SCHMRT Workgroup Leaders and encourage them to continue in their assignments.

2. SCHMRT.ORG:

Reminder to visit the team website at www.schmrt.org regularly for updates.

3. SCHMRT Incident Log:

You will notice that I have included a YTD SCHMRT incident log in this report. This is a record of incidents (large & small) that were mitigated with the assistance of SCHMRT members. I feel it is important to understand that the SCHMRT is not only prepared for the “large incident” but we are ready to render technical assistance on any hazardous materials incident. Thank you to team members for forwarding incident reports.

As always, I am available for any questions and/or comments about the SCHMRT.

Gerry

Next SCHMRT drills:

**DRILL: MONDAY, NOV 7, 2011 AT 1000 HRS
BUTTE COLLEGE WITH BUTTE CO HM TEAMS**

**DRILL: WED, NOV 16, 2011 AT 0900 HRS
REDDING FIRE STATION 8**

2011 SCHMRT INCIDENT LOG

SCHMRT Incident Number	AGENCY Incident Number	Date	Substance	Incident Location	SCHMRT Member	ACTIVATION LEVEL*
2011-01	CHP	11-Jan-11	Hydrazine, Anhydrous	I-5 at SR 273	Boyes	2
2011-02	TGU 00430	17-Jan-11	Gasoline (UN 1203)	Hwy 99E X Vina RD, TGU	Vance	1
2011-03	TGU 00605	25-Jan-11	Mercury	Lake California (roadway)	Emerick	1
2011-04	CHP	19-Jan-11	Misc Products	NB I-5 Fawndale Onramp	Rickard	1
2011-05	SKU	28-Jan-11	False Call	CHP Scales - Dunsmuir	Quigley	1
2011-06	RFD 00958	1-Feb-11	"White Powder"	Hartnell Ave, Redding	Gray	1
2011-07	CHP	14-Feb-11	"Yellow Powder"	Wilson Hill Rd	Rickard	1
2011-08	CHP	17-Feb-11	Diesel	I-5 at Dog Creek	Joiner	1
2011-09	UPRR	22-Apr-11	Lime	RR Right of Way	Gray	1
2011-10	Rbfd 1146	28-May-11	Misc Polymers	Off Hwy 36W & Monroe St	Emerick	1
2011-11	CHP/SHU	31-May-11	Resin/Peroxide	I-5 South of Vollmers	Rickard	1
2011-12	SCSO	28-Jun-11	Sodium Cyanide	County Coroner's Office	Zufall	1
2011-13	TGU 4605	1-Jul-11	Diazinon	Corning	Trull	1
2011-14	CHP	25-Aug-11	Diesel	Hwy 299	Rickard	1

*Activation Levels: 1 = Local SCHMRT response 2 = Full Team Activation 3 = Multiple HM Teams

SCHMRT DRILL ATTENDANCE ROSTER 2011

MEMBER	AGENCY	CREDITS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LEGEND
Freeman, Cyndi	MFPD	4	1		1	1				1					1 Credit/Drill
															Work or Incident
Ciapponi, Nick	CDF/SHU	7	1		1	1	1	1	1		1				Drill Cancelled
Corn, Scott	CDF/SHU	8	1		1	1	1	1	1		1	1			Vacation
Ferris, Kyle	CDF/SHU	6	1		1	1		1	1		1				Sick/Injury
Haker, Jeromy	CDF/SHU	7	1		1	1	1	1			1	1			Other Training
Johnson, Kyle	CDF/SHU	8	1		1	1	1	1		1	1	1			Not Member
Lazzari, Dustin	CDF/SHU	6			1	1	1	1	1		1				Updated 10/19/2011
Reginatto, Corado	CDF/SHU	6	1		1	1	1			1	1				
Reiling, Andy	CDF/SHU	9	1		1	1	1	1	1	1	1	1			
Swensen, Clint	CDF/SHU	2	1		1										
Tavalero, Greg	CDF/SHU	6	1		1	1	1				1	1			Drill Dates: 01/19/2011
Whitehurst, Tim	CDF/SHU	7	1		1		1	1	1	1	1				02/16/2001
Velin, Troy	CDF/SHU	7	1		1	1	1		1		1	1			03/16/2011
															04/20/2011
															05/18/2011
Emerick, Andrew	CDF/TGU	6	1		1		1	1	1	1					06/15/2011
Stroing, Tom	CDF/TGU	5	1		1	1		1				1			07/20/2011
Trull, Gabriel	CDF/TGU	9	1		1	1	1	1	1	1	1	1			08/17/2011
Vance, Byron	CDF/TGU	5	1		1	1			1			1			09/21/2011
Lazarich, Sam	CDF/TGU	5			1	1	1			1		1			10/19/2011
O'hara, Sean	CDF/TGU	2						1	1						
Packwood, Scott	CDF/LMU	5	1		1	1			1		1				
Hollister, Zach	CDF/LMU	5				1	1		1		1	1			
Martin, Doug	CDF/LMU	5	1		1	1		1				1			
Wallace, Todd	CDF/SKU	6	1		1			1	1		1	1			
Quigley, Darin	CDF/SKU	1			1										
Dean, Rick	SISKIYOU CO	9	1		1	1	1	1	1	1	1	1			
Anderson, Mike	RFD	5	1		1		1			1		1			
Blair, Mike	RFD	8	1		1		1	1	1	1	1	1			
Bryant, Jim	RFD	6				1	1	1	1	1	1				
Coleman, Sean	RFD	8	1		1	1	1	1	1	1	1				
Eiler, Gary	RFD	6			1	1	1			1	1	1			

SCHMRT DRILL ATTENDANCE ROSTER 2011

MEMBER	AGENCY	CREDITS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	LEGEND
Foley, Jason	RFD	4			1		1	1			1				1 Credit/Drill
Gould, Mike	RFD	8	1		1	1	1	1		1	1	1			Work or Incident
Gray, Gerry	RFD	9	1		1	1	1	1	1	1	1	1			Drill Cancelled
Harvey, Jamie	RFD	4							1	1	1	1			Vacation
Howard, Steve	RFD	6	1		1	1	1			1		1			Sick/Injury
Jentzen, Dan	RFD	8	1		1	1	1			1	1	1			Other Training
Krznarich, Ron	RFD	3			1	1			1						Not Member
Martin, Craig	RFD	5						1	1	1	1	1			Updated 10/19/2011
McFaul, Ross	RFD	1				1									
McMurtrey, Eric	RFD	7	1		1	1	1	1		1	1				
Nardo, Ryan	RFD	6			1			1	1	1	1	1			Drill Dates: 01/19/2011
Oliphant, Matthew	RFD	6			1		1		1	1	1	1			02/16/2001
Pitt, Rob	RFD	6	1		1				1	1	1	1			03/16/2011
Plummer, Shawn	RFD	7	1		1		1		1	1	1	1			04/20/2011
Sawyer, Mike	RFD	9	1		1	1	1	1	1	1	1	1			05/18/2011
Schreiber, Lonnie	RFD	4			1	1	1		1						06/15/2011
Smith, Tim	RFD	6					1	1	1	1	1	1			07/20/2011
Snow, Jayson	RFD	7	1		1		1		1	1	1	1			08/17/2011
Stoke, Jeremy	RFD	8			1	1	1	1	1	1	1	1			09/21/2011
Utveck, Ron	RFD	3			1		1				1				10/19/2011
Valles, Rik	RFD	7	1		1		1		1	1	1	1			
Ward, Kevin	RFD	6	1		1			1	1		1	1			
Rogers, Adrian	SLC	3			1		1	1							
Shobash, Matthew	RBFD	7	1		1	1		1	1		1	1			
Fincher, Howard	AFD	2	1		1										
Zufall, John	SCSO	4			1		1			1		1			
Boyes, Bill	CHP	6	1		1		1	1	1	1					
Hildebrand, Kevin	CHP	4	1		1			1			1				
Joiner, Steve	CHP	4	1		1			1			1				
Rickard, Ken	CHP	6	1		1	1	1	1	1						
Ross, Greg	CHP	2			1		1								
Scott, Jim	CHP	3			1		1		1						

SCHMRT CIRCUIT STATIONS REDDING FD #8
 OCTOBER 19, 2011

MEMBER	SIGNATURE
Freeman, Cyndi	
Ciapponi, Nick	Working Today
Corn, Scott	Scott Corn
Ferris, Kyle	
Haker, Jeromy	Jeromy Haker
Johnson, Kyle	Waste
Lazzari, Dustin	
Reginatto, Corado	
Reiling, Andy	Andy Reiling
Swensen, Clint	
Tavalero, Greg	Greg Tavalero
Whitehurst, Tim	
Velin, Troy	Troy Velin
Emerick, Andrew	Vacation
Stroing, Tom	Tom Stroing
Trull, Gabriel	Gab Trull
Vance, Byron	Byron Vance
Lazarich, Sam	Sam Lazarich
O'hara, Sean	
Packwood, Scott	
Hollister, Zach	Zach Hollister
Martin, Doug	Doug Martin
Wallace, Todd	Todd Wallace
Quigley, Darin	
Dean, Rick	Rick Dean
Anderson, Mike	
Blair, Mike	Mike Blair
Bryant, Jim	
Coleman, Sean	
Eiler, Gary	Gary Eiler

SCHMRT CIRCUIT STATIONS REDDING FD #8
OCTOBER 19, 2011

MEMBER	SIGNATURE
Foley, Jason	
Gould, Mike	<i>Mike Gould</i>
Gray, Gerry	<i>Gerry Gray</i>
Harvey, Jamie	<i>Jamie Harvey</i>
Howard, Steve	<i>Steve Howard</i>
Jentzen, Dan	
Krznarich, Ron	
Martin, Craig	<i>Craig Martin</i>
McFaull, Ross	
McMurtrey, Eric	
Nardo, Ryan	
Oliphant, Matthew	<i>Matthew Oliphant</i>
Pitt, Rob	<i>Rob Pitt</i>
Plummer, Shawn	<i>Shawn Plummer</i>
Sawyer, Mike	<i>Mike Sawyer</i>
Schreiber, Lonnie	
Smith, Tim	<i>Tim Smith</i>
Snow, Jayson	<i>Jayson Snow</i>
Stoke, Jeremy	<i>Jeremy Stoke</i>
Utvick, Ron	
Valles, Rik	
Ward, Kevin	
Rogers, Adrian	
Shobash, Matthew	<i>Matthew Shobash</i>
Fincher, Howard	
Zufall, John	<i>John Zufall</i>
Snibbe, Carl	<i>Carl Snibbe</i>
Boyes, Bill	
Hildebrand, Kevin	
Joiner, Steve	
Rickard, Ken	
Ross, Greg	
Scott, Jim	

FARNAM, WARREN

Went