

Activity I.D. No.: 092EOB-102011



Los Angeles County Operational Area Disaster Communications Service

After Action Report (AAR)

District: 17 – Lomita

Date: 10-20-2011

Activity: The Great California Shakeout

Date of Event: 10/20/2011

Time: 1000

To Date: 10/20/2011

Time: 1500

Number of DCS Members: 17

Hours: 42

Please Attach A Copy of the Sign-In Sheet

DCS Incident Commander: Deane Bouvier, T-02

Net Control Operator(s): Deane Bouvier, T-02; Denzel Dyer, T-118; Bob Closson, T-22; Jerry Kendrick, T-206; Diana Feinberg T-01

DCS Safety Officer(s): Deane Bouvier, T-02

Command Post Location / Address: Lomita Sheriff's Station

Purpose of Activity: Serve the several city EOCs in our District participating in the Great California Shakeout, provide a link to the County for the cities and practice net control and message handling skills.

Who Requested DCS? Name: Robert Sussin Staff 12

Agency: DCS

Overview of the Event / How Was DCS Used: Station 17 checked in with EOB and responded to their requests on position 1. District net took check-ins on our primary frequency on position 2. Traffic from city EOCs handled on EOC simplex link and traffic from members handled on 2m Alternate #1 simplex, both on position 3. Some messages were referred to the appropriate city for response. We effectively supplied the link between the cities and the County EOC. Three radio operators and one white board operator worked at the station as shown in the attachment.

Suggestions / Issues: The net control station on the County net sometimes identified as Station A and sometimes as EOB. District stations variously identified by station number (or district number), or DCS tactical number. FCC Call signs were not consistently used. Passing formal messages was slow, but would have been a lot worse without message-handling classes. We recorded no check-ins of members from other districts. We used headphones on positions 1 and 3 to keep the ambient noise down. Position 3 was demanding and we could have used a headphone splitter and another person with headphones to keep the paperwork straight. Alternatively, if we had another 2m antenna we could have used another 2m position to relieve congestion. We had a number of tactical messages from the cities and the schools. There is confusion where to put tactical messages. We tended to write them into the Radio Log or on a blank piece of paper, but after the exercise we decided that the DCS 213 form would work and just fill in whatever boxes are relevant.

Some messages from the EOB were relayed to the appropriate city for the answer and then the reply went back (and vice versa). Because the message was handled at multiple levels and times (and then again on the reply), the message numbering for all of these instances of what was effectively the same message became confusing. When we forward a message to another level suggest we put LMT outgoing number on it. When referring to the message with the original requester we use his number. All replies would have "R" appended to the appropriate message number to identify it as the reply.

Whiteboard at Station 17 is on wrong side of room *vis-a-vis* radio operators.

We need a working computer and printer with internet connection in the radio room.

Would like a supply of DCS message and logging forms printed by Sheriff's Department (or County); we've had to use our own paper and ink to print all forms at home for the station since June 2010 when the current forms were adopted.

Would have liked the Sheriff's Department to have actually been participating in the Shakeout drill for passing traffic to/from the station's EOC room.

Equipment / Modes of Communications Used: Station 17 still needs the replacement radios promised March 2009. Most of the radio equipment used in this year's Shakeout drill was personal equipment because the appropriate County-owned radios at Station 17 are inoperable. Most members could not bring enough personal equipment to support such an exercise. County-owned radio was used for 145.300 EOB repeater. Personal equipment used for the primary District frequency (145.320 repeater linked to 445.300 repeater), 2m District simplex (145.585, PL 156.7) and the simplex city EOC link (223.440, PL 156.7). County-owned 1.2 GHz radio used to establish the repeater linkage (1282.175, PL 127.2). We experienced interference on 145.585 so we used tone squelch. We had the County-owned 6m (50.62) and 10m (29.63) radios on for relay from other districts, but heard no traffic. The 6m radio had a 60dB noise level and was unusable. We noted a broken antenna wire on the tower which may or may not have contributed to the problem but clearly needs to be fixed. DCS forms 133, 213, and 309 are also attached.

Other Agencies Involved: Cities of Rancho Palos Verdes, Torrance and Lomita along with the Palos Verdes Unified School District

Prepared By: Deane Bouvier, T-02

Date: 10/23/2011

Approvals:

DCO: Diana Feinberg, T-01

Date: 10/24/2011

Executive Staff Officer Approvals:

Staff 10, 11 or 12:

Date:

Staff 1 or 2:

Date:

After Action Reports are to be submitted to the Executive Staff no later than 10 working days after the Event / Incident

2011 District 17 California Shakeout Game Plan

	Position 1		Position 2		Position 3		Position 4		As Required	
	TM 241	TM V7 dual bander	TM V7 dual bander	TM 742 tribander	White Board	ICOM HF	ICOM HF	ICOM HF	TM 541	1.2GHz
Frequency	2m	440	440	220	2m	440	440	6m	10m	1.2GHz
Tone	County EOB 145.300(-)	District Main 145.320(-)	Monitor 445.300(-)	EOC Link 223.440(s)	Alternate1 145.585(s)	PV West 449.980(-)	PV West 449.980(-)	Relay 50.62(s)	Relay 29.63(s)	Crosslink Ctrl 1282.175(-)
Pwr	T 156.7	CT 114.8	T 127.3	CT 156.7	CT 156.7	CT 173.8	CT 173.8			T 127.3
Operator	Lo	Lo	Lo	Hi	Hi	Lo	Lo	Hi	Hi	Hi

1st Shift	2nd Shift	
T-02	Deane Bouvier	T-01
1000 - 1200	Bob Closson	Diana Feinberg
	Denzel Dyer	1200 - 1500 and whoever wants to stay
	Jerry Kendrick	

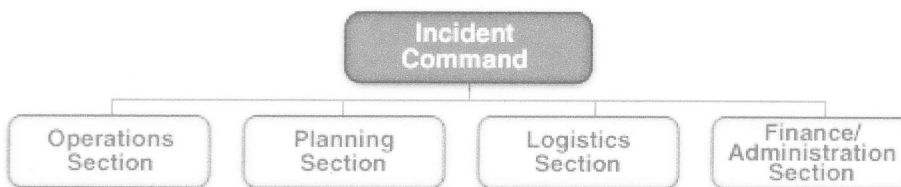
Notes:

- Position 1** Call sign: K6CPT Station 17. Check in with County net on EOB repeater. Continuously monitor and respond to County Net. We will pass a count of members to the EOB within 30 minutes. Expect queries requiring a response until EOB closes.
- Position 2** Call sign: W6LMT. Control the Main District net on W6TRW/K6RH linked. Member stations check in with location, operational status and whether they have traffic. Stations notify net control before leaving the net. Repeaters will be unlinked at 1200 and W6TRW released. After that time K6RH alone will support the Main District net until 1500 if necessary.
- Position 3** Call sign: W6LMT. After checking in on the Main District net, stations then immediately check in simplex on Alternate 1 with a signal report and then return to the main net. City EOCs pass traffic on the EOC Link. Individual stations pass traffic on Alternate 1. If a repeater is necessary to pass the traffic use PV West.
- Position 4** Keep track of member status and follow up action on the White Board for the entire drill. Act as a message runner to the EOC. Repond to possible relays from other districts on 10m or 6m; Call sign: W6LMT. Fill gaps.
- General** Nets start at 1020. Brief your replacement before handover. Expect EOB to close before the second shift; position assignments might be adjusted at that time. Use DCS 133 for each radio position. Use DCS 213 for messages. Use one DCS 309 to log all messages and assign outgoing message numbers. Make sure the forms are legible by someone other than yourself. If we don't get enough messages we will generate some. To minimize interference and desense, repeater inputs will be low power unless there is a readability issue. Be sure to identify at the end of each exchange.

This is W6LMT net control for the Los Angeles County Operational Area Disaster Communications Service, opening a special net in conjunction with the Great California Shakeout. The Great California Shakeout simulates the response to a 7.8 earthquake on the San Andreas fault. This net is a closed, directed net and is only a drill.

Is there any *real world* emergency traffic on this frequency before we start?" [pause]
 The net control operator is Tom-[your T#], [your call sign in APCO phonetics].

[On the main net] We will check in city EOCs and then individual member stations. When you check in provide your location, operational status and whether you have traffic for the net. Notify net control before you leave the net.



- **Incident Command:** Sets the incident objectives, strategies, and priorities and has overall responsibility at the incident or event.
- **Operations:** Conducts tactical operations to carry out the plan. Develops the tactical objectives and organization, and directs all tactical resources.
- **Planning:** Prepares and documents the Incident Action Plan to accomplish the objectives, collects and evaluates information, maintains resource status, and maintains documentation for incident records.
- **Logistics:** Provides support, resources, and all other services needed to meet the operational objectives.
- **Finance/Administration:** Monitors costs related to the incident. Provides accounting, procurement, time recording, and cost analyses.

Supervisory Position Titles

Organizational Level	Title	Support Position
Incident Command	Incident Commander	Deputy
Command Staff	Officer	Assistant
General Staff (Section)	Chief	Deputy
Branch	Director	Deputy
Division/Group	Supervisor	N/A
Unit	Leader	Manager
Strike Team/Task Force	Leader	Single Resource Boss

KGCPT Station 17

POSITION 1

RADIO LOG		1. INCIDENT NAME	2. DATE	3. PAGE NUMBER
		Shakeout	20 Oct 11	1 of 1
4. OPERATOR LOCATION			5. FREQUENCY	
SL 17			145.300 / 156.7 PL	
TIME	UNIT ID	MESSAGE		
1000	KGCPT-A	Net opening warning		
1020	W1P1	Net opened (several stations called in - no response)		
1028	T-118 K66QWJ	Checked in (No Roll Call) No Response		
1028	A	Preface messages with "This is a drill"		
1103	to A	14 DCS 17 City, 4 Operators		
1109	A	Roll Call (17 not called)		
1118	A	Net script read Use "This is a drill"		
1125	A	Formal #4		
1150	→ A	#4 Reply (stand by)		
1154	A	" Copied		
1203	→ A	Turn EOC #23; read back, correct		
1240	A	Personnel/Field ? No. Secure.		
DCS 133 rev. 06/10		6. LOG PREPARED BY		7. RADIO OPERATOR
		T-118 Dyer K66QWJ		T-118 K66QWJ

RADIO LOG		1. INCIDENT NAME	2. DATE	3. PAGE NUMBER
		GREAT CAL CHECKOUT	20 OCT 11	1 of 1
4. OPERATOR LOCATION			5. FREQUENCY	
Sta 17 Lomita POSITION 2			145.32 / 445.300	
TIME	UNIT ID	MESSAGE		
1022	T-95	N6GBX Lomita EOC 17A		
1024	T-14	W460ZJ 17B City Hall Remote		
1025	T-139	K66RPN 17G TOR EOC -		
1028	T-651	K66JBW LAX AT WORK - CLOSED @ 1030		
1029	TARA	W66Fuz Mobile in Torrance		
1033	T-59	W46GIX - Home PV - No simplex		
1041	T-01	A16DF - Malaga Administration PV Schools		
1043	T100	N6DBS - El Segundo - at work		
1044	T109	K66UCN Manhattan Beach on Vacation		
1049	Redondo	K66HRN TORRANCE Mobile		
1050		W66TRW LOGGING 14 STATION FOR 3H.		
		K66FL MB; K66OXM MB; K66UCN MB;		
		K66KWI MB; K66PEC MB; W66DOW T;		
		K66IMP T; W66BNS MB; N66DMV T;		
		N66DSP MB; K66TET MB; K66GHP MB;		
		W66EWS MB; K66GHP MB; K66BIW MB		
1046		N66CI ^{on} 146.580 @ FSG Lomita		
1058		K66RH shut down and reestablished.		
1100	NARTOL	W2RGG @ home 17B EOC not active		
1112	TARA	K66OJN GARDENA		
1116	TARA	K66RPM TORRANCE @ work cked out.		
1121	TARA	K66SOX TORRANCE Mobile		
1149	T-08	N66EG El Segundo @ work		
1200	-	W66TRW released; K66RH main net		
1225	T-88	N66HE		
1223	T-14	17F TERMINATED OPS.		
1230		K66FB Real EG IN TX - DURING DRILL		
DCS 133 rev. 06/10		6. LOG PREPARED BY <i>D. B...</i>		7. RADIO OPERATOR <i>D. B...</i> N5DQ

1235 MAIN NET MOVED TO POSITION 3.

RADIO LOG		1. INCIDENT NAME	2. DATE	3. PAGE NUMBER
		2011 SHAKS OUT	10/20/2011	1 OF 2
4. OPERATOR LOCATION		5. FREQUENCY		
STA 17 LOMITA WGHIP T-23		AS NOTED		
TIME	UNIT ID	MESSAGE		
10:20	W6LMT	NET MSG 145.85 / 223.44		
10:27	WAG0ZJ	STA 17 F T.14 223.44		
10:29	N6RPV	STA 17C - 223.44		
10:32		STA 17G STATUS - TORRANCE SCHOOLS COMPLETED DEI		
10:33	T095	AGGIBX - ST 145.85		
10:37	17G	ADD TO PREVIOUS MSG "NO DAMAGE NO INJURYS		
10:38	17F	REMOTE OPPOSITE ^{TO} RHE EOC DAMAGED		
10:39	17F	DRILL MSG RHE EOC #11		
10:48	17G	RELAY OP RHE MSG		
10:50	17G	MSG TO TORRANCE EOC MSG LMT-001		
10:57	1	PV SCHOOLS EOC SILVER SPUR ELEMENTARY SCHOOL		
11:04	17F	PARAMEDIC AT FRONT OFFICE		
11:05	17C	RADIO RELAY 17G		
11:10	17G	MSG REPLY TO LMT # 001		
11:15	17F			
11:17	17B	TO 1 AFG AF BLUFF ^{FAHLE} FAHLE 500 BL ^{PASEO DEL MAR,} PESALO DEL MAR		
		AROUND PV ^{SUBJ} SWIM CLUB RESPONDERS FOR POTENTIAL MSG VICTIMS -		
11:20	17G	W6TPD - LML # 001 SAL ROMAS LITTLE OF MARY LOGISTICS - 11:20		
11:25		NO NO RESP		
11:32				
11:40	STA 17G	MSG # 001		
11:41	PUSD EOC	RELAY - MARLBEST ELEM. SAFE		
11:42	PUSD EOC	PV SCHOOL DRILL COMPLETED		
11:43	17G	REPLY TO MSG # 4 - LITTLE CO. MARY @ CAPACITY		
11:52	17G	TRAFFIC MSG # EOC 23		
DCS 133 rev. 06/10		6. LOG PREPARED BY		7. RADIO OPERATOR

WHITE BOARD

RADIO LOG		1. INCIDENT NAME	2. DATE	3. PAGE NUMBER
		GREAT CAL SHAKEOUT	20 OCT 11	1 of 2
4. OPERATOR LOCATION			5. FREQUENCY	
WHITE BOARD STA. 17 RADIO ROOM			N/A	
TIME	UNIT ID	MESSAGE		
1022	T-95	NGGBX	LOMITA EOC	
1029	T-14	WAGDZG	CITY HALL REMOTE DUE TO DAMAGE	
1025	T-139	KGG GRPN-17G		
1028	T-651	KD6JBW	LAX AT WORK, STA. CLOSED 1030	
1029	TARA	WD6FUZ	MOBILE IN TORRANCE	
1033	T-59	WAGGIX	HOME PV; NOT ABLE SIMPLEX	
1032	17G	TORRANCE SCHOOLS COMPLETED DRILL, NO DAMAGE		
1041	T-01	AIGDF	DAMAGE REPORTS LATER MALIBU ADMIN; SCHOOLS COMMG;	
1043	T-100	NGDBS	EL SEGUNDO; N/A TRAFFIC; CHK'D OUT IMMED.	
1044	T-109	KFGUCN	MANHATTAN BCH; CHK'D OUT IMMED.	
1046	T-095	NGGBX	OP NGGLI AT LOMITA FIRE 196.58	
1049	RB ^{CFC} RADIO	KGHRN	TORRANCE MOBILE	
1050		W6TRW	14 STA REPORTED (DEANE RECORDED)	
1056		STATUS ASSESSMENT: 13 DCS (9+4 ^{STA?}) + 14 CITY GP		
1058	17F	KGRH	LINK DOWN; DEANE RE-ESTABLISHED IMMED.	
1100	NARC	W2RGG	AT HOME; 17B STA N/A	
1112	TARA	KE6OSN	GARDENA	
1103		ASSESSMENT PROVIDED TO KGCPT 14 + 14 *		
1116	TARA	KGG RPM	AT OFFICE, TORR.	
1121	TARA	KIGSOY	MOBILE CHK'D IN/OUT	
1149	T-08	NGEG	EL SEGUNDO HT/MOBILE	
1202	17G	CHECKED OUT; CLOSED DOWN (TORR EOC)		
1203	T01	ENROUTE ^{TO STA 17} FROM PVUSD MALAGA.		
1200		W6TRW REPEATER RELEASED		
1223	17F	TERMINATED OPS		
1229	T-88	^{RAY} NGHE	MOBILE WEST SIDE	
1230		KBGFB	REAL EARTHQUAKE IN TX (4.6)	
DCS 133 rev. 06/10		6. LOG PREPARED BY T-206 NGGR		7. RADIO OPERATOR T-02 NSDQ (W6LMT)

* SHOULD HAVE BEEN REPORTED AS 13 + 15. TO ACCOUNT FOR CHK-IN OF W2RGG

GENERAL MESSAGE		
TO: LMT INCIDENT CMD	POSITION: INCIDENT CMD	
FROM: RHE CITY HALL ECC	POSITION: ECC	
SUBJECT: NORTHBD CRENSHAW CLOSED	DATE: 10/20/11	TIME: 10:40
MESSAGE:		
<p><u>RHE ECC #11</u></p> <p>NORTH RD CRENSHAW CLOSED AT PV/NORTH DUE TO LANDSLIDE. ROAD BLOCK NEEDED AT SILVERSPUR AND ^{NORTH BOUND} CRENSHAW TO ^{DIVERT} BACK TRAFFIC. SOUTH BOUND CRENSHAW LANES STILL OPEN. END</p>		
SIGNATURE: CITY MGR	POSITION: ECC	
REPLY:		
DATE:	TIME:	SIGNATURE/POSITION:

001

GENERAL MESSAGE			
TO: SGT JONES	POSITION: TORRANCE EOC OPERATIONS		
FROM: SGT ROZAS	POSITION: LASD LOMITA EOC OPERATIONS		
SUBJECT: HOSPITAL OPERATIONAL STATUS	DATE 10/20/2011	TIME 10:55	MESSAGE #: LMT 001
MESSAGE			
PROVIDE OPERATIONAL STATUS OF THE EMERGENCY DEPARTMENTS OF THE HOSPITALS IN YOUR CITY			
SIGNATURE D. ROZAS	POSITION: LASD LOMITA EOC OPERATIONS		
REPLY:			
TORRANCE MEMORIAL RADIO ROOM LOCKED DOWN TO ALL BUT MOST URGENT INJURIES. TRIAGE AREA SET IN EAST PARKING LOT AREA. SUBJECT - LITTLE CO. OF MARY MINOR DAMAGE TO EMERGENCY ROOM EMERGENCY ROOM OPERATIONS MOVED TO OTHER LOCATION AREAS OF HOSPITAL			
DATE 10/20/2011	TIME	SIGNATURE/POSITION: TORRANCE MEMORIAL EOC	

GENERAL MESSAGE			
TO: ^{County EOC} LASD	POSITION: LOGISTICS		
FROM: SUE JACKSON	POSITION: TORRANCE MEMORIAL PLANNING		
SUBJECT: MATERIAL REQUEST	DATE: 10/20/11	TIME: 11:33	TOR MESSAGE #: EOC-23
MESSAGE:			
<p>REQUEST 50 STRETCHERS TO BE DELIVERED TO HOSPITAL LOADING DOCK.</p>			
SIGNATURE: SUE JACKSON	POSITION: TORRANCE MEMORIAL PLANNING		
REPLY:			
DATE:	TIME:	SIGNATURE/POSITION:	

This is a drill

RELAY TO 176

GENERAL MESSAGE			
TO: ^{LCM} Hospital Coordinator District 17 - Torrance San Pedro	POSITION:		
FROM: IC LASD DOC	POSITION: Incident Commander		
SUBJECT: Hospital Capability	DATE: 10/20/11	TIME: 1110	MESSAGE #: 4
MESSAGE:			

Can Little Company of Mary Hospital
take more patients?
If they can, how many?
GCM

SIGNATURE: IC DOC	POSITION: IC
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REPLY:

Little Company of Mary Torrance is
at Capacity. Little Company of Mary
San Pedro can take 10 more urgent.

(This is a drill)

DATE: 10/20/2011	TIME: 11:45	SIGNATURE/POSITION: IC Hosp Coordinator Torrance
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GOC

TACTICAL MESSAGES -
MSG FROM PV SCHOOLS EOC

NO RESPONSE HEARD ~~RE~~ SOLEADO SCHOOL
SEND DCS ^{??} FOR SHERIFF PERSON TO
INVESTIGATE STATUS OF SCHOOL

MARILESI ELEMENTRY WE ARE SAFE OP KF6JLJ

70

10:15 AM	INJECT	2 Peppertree Dr. & PVDS between 1 Narcissa reports observation that a landslide has occurred and three cars are lost in slide area.	ECC	ECC
10:30 AM	INJECT	Message from Exultant/Schooner - residents are in the streets running towards Community Center and Ladera Linda park, UNCONFIRMED reports that building has collapsed	ECC	ECC
10:35 AM	INJECT	The full scope of the earthquake is unknown but assumed major. Please send damage assessment to LA County via OARRS if possible or to DCS. LA County Fire and Sheriff indicate their resources are already overwhelmed.	Lomita DCS	ECC/EOC
10:45 AM	INJECT	Significant Damage at Community Center at Ladera Linda-32201 Forrestal Drive. Two classrooms collapsed severely damaged. Children injured and trapped in building	ECC	ECC
11:00 AM	INJECT	Numerous reports from residents in Portuguese Bend at PVDS of sewage backing up in toilets and no water pressure. Sewer and water lines are broken in multiple locations.	ECC	ECC
11:10 AM	INJECT	An Edison power pole has collapsed in the Seaview, Ladera Linda and Mediterranean areas, starting a fire in the Forrestal Reserve at Narcissa and Vanderlip Rd	ECC	ECC
11:15 AM	INJECT	Reports suggest that Ingress/Egress to and from RPV compromised - PVDW, PVDW, roads IMPASSABLE. Landslide blocking road near Point Vicente Lighthouse. Suggest alternate routes into Ladera Linda	Lomita DCS	ECC/EOC
11:20 AM	INJECT	LACoFD and LASD- resources being deployed based on priority level	Lomita DCS	ECC/EOC
1:15 PM	INJECT	Fire in canyon behind the 4600-4900 blocks of Browndeer Lane. Homes on Browndeer threatened. Several streets in the area blocked with downed trees.	ECC	ECC
1:30 PM	INJECT	Los Angeles County has issued a boil water advisory	Lomita DCS	ECC/EOC
1:40 PM	INJECT	Trees down and traffic blocked at intersection of 9th and Miraleste near 2866 Crownview	ECC	ECC
1:50 PM	INJECT	LACoFD request that RPV determine if Helipads are available and free of debris	Lomita DCS	ECC/EOC
2:00 PM	INJECT	Small brush fire due to downed power line at Portuguese Bend and 4545 Palos Verdes Drive South	ECC	ECC
2:10 PM	INJECT	PV Drive East has collapsed at the first switchback up from PV Drive South. Rubble and debris has closed PV Drive South at 2275 W. 25th Street, San Pedro	ECC	ECC
2:30 PM	INJECT	Relay message from Principal of Miraleste Intermediate School - trees down at Miraleste and PVDE. Trees need to be removed. Parents do not have access to school to pick up students.	Lomita DCS	ECC/EOC
2:45 PM	INJECT	Suggest evacuation areas for RPV residents fleeing fires at Forrestal Reserve and also at Browndeer	LOMITA DCS	ECC/EOC
3:00 PM	INJECT	Hawthorne Blvd. north and south blocked at intersection near 5247 of Silver Spur Rd. Car accident possible fatalities and injuries	ECC	ECC

NRPV
17C

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