

November 20, 2007

MERA Status Report for period ending November 1, 2007

1. Mobile and portable revised code plug development and reprogramming:
  - a. San Rafael Police mobile and portable programming – completed
  - b. San Rafael DPW mobile and portable programming – completed
  - c. Fairfax PD and DPW mobile and portable programming – completed
  - d. San Anselmo PD mobile and portable programming – completed
  - e. Ross PD and DPW mobile and portable programming – completed
  - f. Larkspur PD and DPW mobile and portable programming – completed
  - g. Corte Madera PD and DPW mobile and portable programming – completed
  - h. Yet to be completed: Tiburon, Belvedere, Mill Valley, Sausalito and Whistle Stop.
2. Delta Wrx consultant project:
  - a. DeltaWrx has met with Motorola and is negotiating a settlement.
  - b. Delta Wrx contract, to make coverage improvement recommendations, is complete and is in processing.
3. Motorola Backbone Repair Service Agreement (Boards):
  - a. Motorola repair bank for network boards gives MERA repair priority and a reduced cost.
4. Logging Recorder Replacement RFP:
  - a. CIT-COM prepared draft RFP for a replacement logging recorder system.
  - b. The RFP was released by County of Marin.
  - c. A pre-bid conference was held on October 29, 2007 with four vendors in attendance.
  - d. The RFP is requesting proposals based on a Centralized and a De-centralized approach.
  - e. The centralized approach is similar to what we have today and a de-centralized approach puts more recording power at each dispatch center to accommodate talk group recording.
  - f. Proposals are due back 19 November 2007.
5. Volunteer Fire Alerting System:
  - a. The DPW Communications Division has started doing infrastructure work and this work will continue. All site radios have been received, tested and programmed. The tentative time line for going live is mid-January 2008.

## 6. Training:

- a. Tactical Group
  - i. Presentations have been given to the Police and Fire Chief's Committees.
  - ii. Valuable inputs were received and will be implemented in the final scenarios.
- b. Dispatch Group
  - i. Received draft of their syllabus and video for the training. Most of the logistics has been worked out and result in a final syllabus in late November.
- c. End User Group
  - i. Going very well.
- d. Training is on going and expected to be completed early next year.

## 7. SUASI Projects:

- a. Marin County's request for \$459,000 in projects has been approved and awaits a final MOU from San Francisco OES in December.
- b. An additional interoperability grant request for FY-2008/13 was submitted on November 2, 2007. Grant funding of \$29,475,000 is being sought to:
  - i. Design, purchase and install a new prime site and network control center to provide the core interoperability network control and interfacing for a fully interoperable digital voice and data (P.25 protocol, 700 MHz.) communications system.
  - ii. Design, purchase and install a fully interoperable digital voice and data (P.25 protocol, 700 MHz.) communications RF backbone network covering all of Marin County.
  - iii. Initiate the design, purchase and installation of a fully interoperable digital voice and analog VHF overlay network (P.25 protocol, 150 MHz) as required by the SUASI for the Bay Area and specified in the Bearing Point recommendations.
  - iv. Determine the feasibility of installing and utilizing Bay Area wide network interfaces and unit ID databases.
- c. A face-to-face meeting was held with Bearing Point to clarify MERA and Marin County operational issues. Bearing Point is the Consultant hired by SUASI to put together the technical package and make recommendations for a future direction in the Bay area.
- d. On November 2, 2007, an additional PSIC interoperability grant request of \$2,000,000 was submitted on behalf of MERA and County of Marin:
  - i. The North Bay UASI is made up of San Francisco, Marin and San Mateo Counties.
  - ii. \$6,000,000 was allocated for the three North Bay Counties (\$2,000,000 each).
  - iii. The grant request requires 20% contribution from the requesting agency (\$400,000)
  - iv. The funds were requested for the development and installation of two new sites.
    - 1) One in Southern Marin including 700 MHz radios.
    - 2) One in West Marin including 700 MHz radios.

e. The additional grant results should be determined later this year.

8. October maintenance activity:

- a. Weekly, monthly and quarterly PM's were completed.
- b. Dehydrator at Stewart Point was replaced with spare due to continued problems.
- c. Channel 1 Quantar control board for Forbes Hill was replaced and defective board sent to factory for repair.
- d. All consoles were updated to reflect the latest code-plug encryption schemes.
- e. Mt. Tiburon Quantar 5 PA was returned back to factory for repairs.
- f. The alerting data radio at Tomales fire station was replaced with a spare.
- g. Sonoma Mt. Quantar 1 controller board was replaced and the defective module sent back to factory for repair.
- h. Microwave filter module was replaced at Mt. Barnabe and the defective module was sent back to factory for repairs.
- i. A defective antenna jumper was replaced at Mt. Tiburon.
- j. IRB card at Pt. Reyes was replaced and defective unit sent to factory for repair.
- k. Mill Valley Siren #1 was restored to service following a lengthy problem with the sites solar power system.

9. MERA System activities for October 2007.

Prepared by:           Richard Chuck

## MERA SYSTEM ACTIVITY

For the Month of:      **October      2007**

	Radio Calls	Radio Hours	Busy Count	Busy Seconds	Busy Sec. Per Count	Busy Sec. Per Call	Percent Busy
SO	36,300	135.9	52	170	3.269	0.005	0.035
SRP	32,188	116.0	34	93	2.735	0.003	0.022
NPD	28,585	99.2	26	83	3.192	0.003	0.023
MCTD	54,911	95.2	168	361	2.149	0.007	0.105
SMP	26,299	95.0	26	76	2.923	0.003	0.022
TCP	19,618	69.4	6	20	3.333	0.001	0.008
JAIL	17,574	44.4	8	25	3.125	0.001	0.016
SAP	13,896	44.1	11	19	1.727	0.001	0.012
FP	10,142	33.8	9	31	3.444	0.003	0.025
SRF	9,407	28.0	23	19	0.826	0.002	0.019
MCF	6,939	23.0	22	52	2.364	0.007	0.063
FSA	4,852	22.8	19	98	5.158	0.020	0.120
SMF	6,252	19.1	12	23	1.917	0.004	0.033
EMS	6,323	18.9	4	0	0.000	0.000	0.000
COURT	4,877	18.2	12	26	2.167	0.005	0.040
NFD	4,865	16.8	12	43	3.583	0.009	0.071
PUB WKS	8,479	15.0	42	102	2.429	0.012	0.188
PARKS	3,366	12.4	11	23	2.091	0.007	0.051
FD DSP	3,858	12.0	36	92	2.556	0.024	0.212
HUMANE	6,169	11.4	2	1	0.500	0.000	0.002
CMF	3,785	11.3	7	5	0.714	0.001	0.012
LAW OTHER	2,745	10.7	3	3	1.000	0.001	0.008
MUT AID	221	10.6	12	29	2.417	0.131	0.076
MMWD	2,690	10.1	12	29	2.417	0.011	0.080
FIRE OTHER	484	0.9	2	1	0.500	0.002	0.029
OTHER	265	0.6	0	0	0.000	0.000	0.000
ICS	374	0.6	0	0	0.000	0.000	0.000
TEST	17	0.0	0	0	0.000	0.000	0.000
RPD	5	0.0	0	0	0.000	0.000	0.000
CHP	9	0.0	0	0	0.000	0.000	0.000
MWCSD	0	0.0	0	0	0.000	0.000	0.000
SCHOOL	0	0.0	0	0	0.000	0.000	0.000
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<b>Totals:</b>	<b>315,495</b>	<b>976</b>	<b>571</b>	<b>1,424</b>	<b>2.494</b>	<b>0.005</b>	<b>0.041</b>
<b>Previous Month:</b>	<b>311,797</b>	<b>976.6</b>	<b>434</b>	<b>806</b>	<b>1.857</b>	<b>0.003</b>	<b>0.023</b>
<b>Change:</b>	<b>3,698</b>	<b>-0.9</b>	<b>137</b>	<b>618</b>	<b>0.637</b>	<b>0.002</b>	<b>0.018</b>

# MERA SYSTEM ACTIVITY FOR OCTOBER 2007

