

June 26, 2024

Governing Board Communication

Agenda Item C-1

**TO: MERA Governing Board**  
**FROM: Todd Williams - Operations Officer**

**SUBJECT: MERA System Operations Update June 2024**  
**(Prior month May Reporting)**

**The Radio Communications Division provided the following support to MERA:**

Mt. Sonoma - Big Rock - Bayhill intermittent signal degradation continues. Although, degradation is not ideal, it's still sustainable.

- o The microwave link servicing Sonoma, Bayhill, and Big Rock has been an ongoing issue for a couple years. This is a shared link between Sonoma County and Marin County (Radio Shop). A couple years back this link was transitioned to the Sonoma County Radio Shop to manage. Unfortunately, our internal Radio Shop must coordinate directly with Sonoma County Radio Shop for trouble shooting purposes.
- o This microwave link continues to drop in and out causing the Sonoma and Bay Hill MERA sites to go into "Site Trunking". These occurrences lead to beeping noises that can be heard over the station's overhead speakers. Normally this degradation happens between the hours of 10:00 P.M. and 06:00 A.M. (early morning fog time frame).
- o Unfortunately, last month's occurrences started happening during the day now affecting County Sheriff, County Fire and Novato station 65. Fortunately, Station 65 also gets overlapping coverage from the Big Rock Ridge site and Sonoma Mtn.
- o The Radio Shop will continue to re-address these issues within the upcoming weeks. Being that this link is now owned by Sonoma County, it makes it more difficult to monitor and trouble shoot. Ideally, our tower climbers will realign all these dishes tweaked by the earlier season storms.
- o This is a GEN ONE problem, and this site is not being used in the Next Gen Design



June 26, 2024

---

1<sup>st</sup> Generation MERA sites dust settlement. Due to constant Next Generation construction, this has been a continued issue (Corrective measure are being discussed and implemented).

County Fire Dispatch Center coordination, installation, and implementation remain ongoing. 4 of 8 positions are being implemented now and work on Gen One, the remaining positions implementation will take place on acceptance of equipment later with the year (progress and success has been amazing).



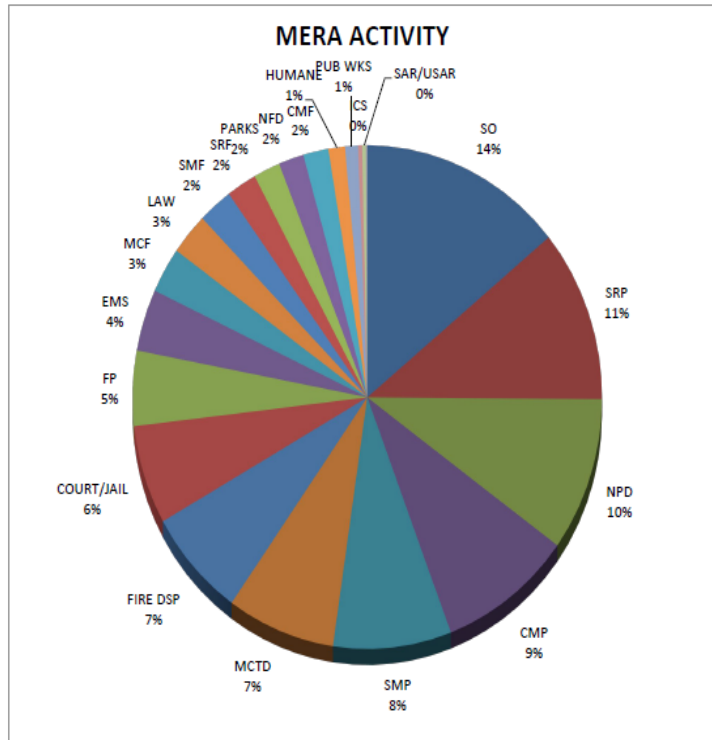
June 26, 2024

**MERA SYSTEM OPERATION**

May 2024

Agency Grouping	Radio Calls	Call Time	Busy Time
SO	29,039	86:12:06	0:00:00
SRP	25,123	67:43:21	0:00:00
NPD	20,685	60:35:44	0:00:00
CMP	18,473	56:28:31	0:00:00
SMP	16,895	49:53:27	0:00:00
MCTD	15,351	45:43:48	0:00:00
FIRE DSP	17,144	42:59:22	0:00:00
COURT/JAIL	18,240	38:59:20	0:00:00
FP	10,955	29:27:54	0:00:00
EMS	3,441	24:22:53	0:00:00
MCF	6,214	17:55:48	0:00:00
LAW	5,750	16:29:45	0:00:00
SMF	5,185	14:34:02	0:00:00
SRF	4,772	12:42:43	0:00:00
PARKS	3,853	11:15:48	0:00:00
NFD	3,601	10:39:59	0:00:00
CMF	3,661	10:37:40	0:00:00
HUMANE	2,372	6:58:10	0:00:00
PUB WKS	2,250	5:28:41	0:00:00
ICS	733	1:44:48	0:00:00
SAR/USAR	547	1:33:48	0:00:00
MUT AID	143	0:16:26	0:00:00
FIRE MSC	44	0:09:46	0:00:00
OTHER	57	0:08:30	0:00:00
<b>TOTAL:</b>	<b>214,528</b>	<b>613:02:20</b>	<b>0:00:00</b>

Category	Radio Calls	Call Time	Busy Time	Percent Usage
<b>LAW TOTAL:</b>	<b>145,160</b>	<b>405:50:08</b>	<b>0:00:00</b>	<b>66.2</b>
<b>FIRE TOTAL:</b>	<b>44,609</b>	<b>135:36:01</b>	<b>0:00:00</b>	<b>22.1</b>
<b>PUBLIC WORKS TOTAL:</b>	<b>22,244</b>	<b>64:21:35</b>	<b>0:00:00</b>	<b>10.5</b>
<b>NON-MERA TOTAL:</b>	<b>2,515</b>	<b>7:14:36</b>	<b>0:00:00</b>	<b>1.2</b>
<b>TOTAL:</b>	<b>214,528</b>	<b>613:02:20</b>	<b>0:00:00</b>	<b>100.0</b>





June 26, 2024

**MERA SYSTEM OPERATION**

Annual	2024		
Agency Grouping	Radio Calls	Call Time	Busy Time
SO	128,065	381:32:33	0:00:00
SRP	122,564	331:10:17	0:00:09
NPD	101,018	297:43:05	0:00:00
CMP	87,797	268:49:25	0:00:02
SMP	91,322	268:07:47	0:00:33
FIRE DSP	83,526	207:08:14	0:00:05
MCTD	67,745	201:33:04	0:00:00
COURT/JAIL	83,042	174:28:10	0:00:01
FP	47,528	126:36:07	0:00:05
EMS	16,559	116:50:29	0:00:02
MCF	23,256	70:07:30	0:00:36
SRF	24,314	64:34:23	0:00:11
SMF	20,849	57:56:04	0:00:07
PARKS	18,974	56:44:46	0:00:02
NFD	18,291	55:58:58	0:00:00
LAW	20,384	53:48:32	0:00:02
CMF	18,110	51:09:40	0:00:01
PUB WKS	14,554	36:13:23	0:00:22
HUMANE	9,665	28:35:42	0:00:00
SAR/USAR	3,648	10:13:06	0:00:00
ICS	3,122	8:20:39	0:00:00
MUT AID	497	0:57:46	0:00:00
FIRE MSC	227	0:51:49	0:00:00
OTHER	203	0:38:06	0:00:00
<b>TOTAL:</b>	<b>1,005,260</b>	<b>2870:09:35</b>	<b>0:02:18</b>

Category	Radio Calls	Call Time	Busy Time
LAW TOTAL:	681,720	1902:15:56	0:00:52
FIRE TOTAL:	208,780	634:50:13	0:01:02
PUBLIC WORKS TOTAL:	104,598	303:29:58	0:00:24
NON-MERA TOTAL:	10,162	29:33:28	0:00:00
<b>TOTAL:</b>	<b>1,005,260</b>	<b>2870:09:35</b>	<b>0:02:18</b>

