

City of Mountain View CERT City-Wide Communications Plan November 30, 2020

◆ CERT Intra-Neighborhood Communications

CERTS will use FRS/GMRS radios for communications within the neighborhoods.
Privacy codes will not be used. Channel assignments are as follows:

Unit	Channel	Watts FRS / GMRS*	Voice Tactical	Tactical ID ¹	Tactical Call ²	Fire Station
Ada Park ³	11 (6)	.5 / .5	Ada Park	APK	MTVAPK	4
Appletree Area	6	2/5	Appletree	ATA	MTVATA	2
Cooper Neighborhood	7	2/5	Cooper	CPR	MTVCPR	2
Cuesta Park	4	2/5	Cuesta	CPK	MTVCPK	2
Gemello Park	1	2/5	Gemello	GPK	MTVGPK	1
Greater San Antonio	11	.5 / .5	San Antonio	GSA	MTVGSA	3
Monta Loma	3	2/5	Monta Loma	MLN	MTVMLN	3
Mtn. View Gardens	9	.5 / .5	Gardens	MVG	MTVMVG	3
North Whisman	5	2/5	Whisman	NWA	MTVNWA	4
Old Mtn. View	2	2/5	Old Mtn. View	OMV	MTVOMV	1
Rengstorff/Shoreline ⁴	15/7	2/5	Rengstorff	REN	MTVREN	1
Rex Manor	6	2/5	Rex	REX	MTVREX	3
St. Francis Acres	5	2/5	St. Francis	SFA	MTVSFA	1
South Mtn. View	1	2/5	South	SMV	MTVSMV	2
Slater	6	2/5	Slater	SLA	MTVSLA	4
Sylvan Park	10	2/5	Sylvan	SLV	MTVSLV	2
Varsity Park	3	3/5	Varsity	VAR	MTVVAR	2
Wagon Wheel	1	2/5	Wagon	WWN	MTVWWN	4

Yellow is new channel assignment

*GMRS is primarily for Command Post station use, *FCC license required.*

<https://www.fcc.gov/help/applying-new-license-universal-licensing-system-uls>

1 – Tactical ID (for PacForms and ICS-213)

2 – Tactical Call (for all BBS interaction [Setup/Station Identification])

3 - Ada Park may also use Channel 6 during a real emergency (or drill) to coordinate with Slater

4 - Rengstorff will use channel 15, but switch to 7 if there is interference on 15

◆ Intra-City Communications

Communications between CERT Command Posts (CP) and the city emergency response organization shall be as follows:

Telephones Working

- **Serious life or property threats** - dial 9-1-1 or 650 - 968 - 1661
- **ARES/RACES K6MTV Radio Station** - dial 650 – 625 - 9130,

Telephones Not Working

Use Amateur Radio frequency 146.535 MHz from CP or nearest fire station

Note: Licensed Amateur Radio Operator Required.

- **Other life or property threats** - address standard message form ICS-213 to **MTVEOC Operations**, classify Severity as “Emergency” or “Urgent”, Handling Order as “Immediate” or “Priority”
- **Resource requests** - address standard message form ICS-213 RR to **MTVEOC Planning**, classify Severity as “Urgent” or “Other”, Handling Order as “Immediate” or “Routine”
- **Status reports** - address message form ICS-213 Summary to **MTVEOC Planning**, classify Severity as “Other”, Handling Order as "Priority", and Message Requests as "For Your Information". Transmit by packet if possible, 144.310 MHz, W3XSC BBS (primary) or 145.750 MHz, W1XSC BBS (secondary), To: MTVEOC. When sending packet, in the Tactical area, check “Use Tactical Call...” and enter your 6 letter neighborhood CERT Tactical Call (from list above). Example: Rex Manor’s tactical call would be “MTVREX”. This is required for your packet message to be accepted at the BBS.

◆ CERT CPs to Fire Station Communications

CERT CPs may pass messages to fire stations for retransmission to city EOC by either of two methods:

Messenger, either on foot, car or bicycle. Give message to Ham operator at fire station to send; wait for a reply if appropriate.

FRS/GMRS radio. A neighborhood CERT may send a person with a hand held FRS/GMRS radio to a Fire Station and use that person as a relay for messages between their CP and the Ham operator at the FS. The Ham operator will exchange traffic with the EOC.

Leslie Grimm, KK6EKN

Emergency Coordinator for ARES/RACES

Fire Stations

Name	Location	Cross Street	Tactical Call
Station 1	251 S. Shoreline Blvd.	Villa	MTVFS1
Station 2	160 Cuesta Dr.	Grant Road	MTVFS2
Station 3	301 Rengstorff Ave.	Montecito	MTVFS3
Station 4	229 North Whisman Rd.	Gladys Avenue	MTVFS4
Station 5	2195 N. Shoreline Blvd.	Crittenden Lane	MTVFS5

APPENDIX

Because channel implementations for FRS and GMRS vary from manufacturer to manufacturer, the following channel frequency information is provided. CERTs should check that the FRS channels on the radios that they are using follow the list below or have a channel conversion chart prepared by the CERT.

Channel No.	Frequency (MHz)	FRS Power	GMRS Power
1.....	462.5625	2	5
2.....	462.5875	2	5
3.....	462.6125	2	5
4.....	462.6375	2	5
5.....	462.6625	2	5
6.....	462.6875	2	5
7.....	462.7125	2	5
8.....	467.5625	0.5	0.5
9.....	467.5875	0.5	0.5
10.....	467.6125	0.5	0.5
11.....	467.6375	0.5	0.5
12.....	467.6625	0.5	0.5
13.....	467.6875	0.5	0.5
14.....	467.7125	0.5	0.5
15.....	462.5500	2	50
16.....	462.5750	2	50
17.....	462.6000	2	50
18.....	462.6250	2	50
19.....	462.6500	2	50
20.....	462.6750	2	50
21.....	462.7000	2	50
22.....	462.7250	2	50

Note: Effective January 2018, the existing hand-held FRS/GMRS radios, up to 2 watts of power, are reclassified as FRS radios and may be used without license. For channels 8 to 14, both FRS and GMRS are limited to ½ watts.

For channels 1-7 and 15-22, a neighborhood CERT operator with an FCC GMRS license (or who is supervised in person by an FCC license holder) may use a GMRS radio of up to 50 watts as a base station to reach their neighborhood's area. It's recommended that only the command post should use more than 5 watts due to the potential for interference with other CERT neighborhoods.