



MPC (Menlo Park Community) Ready

Report from the Radio Communications Temporary Working Group

Report Type: Information Consolidation

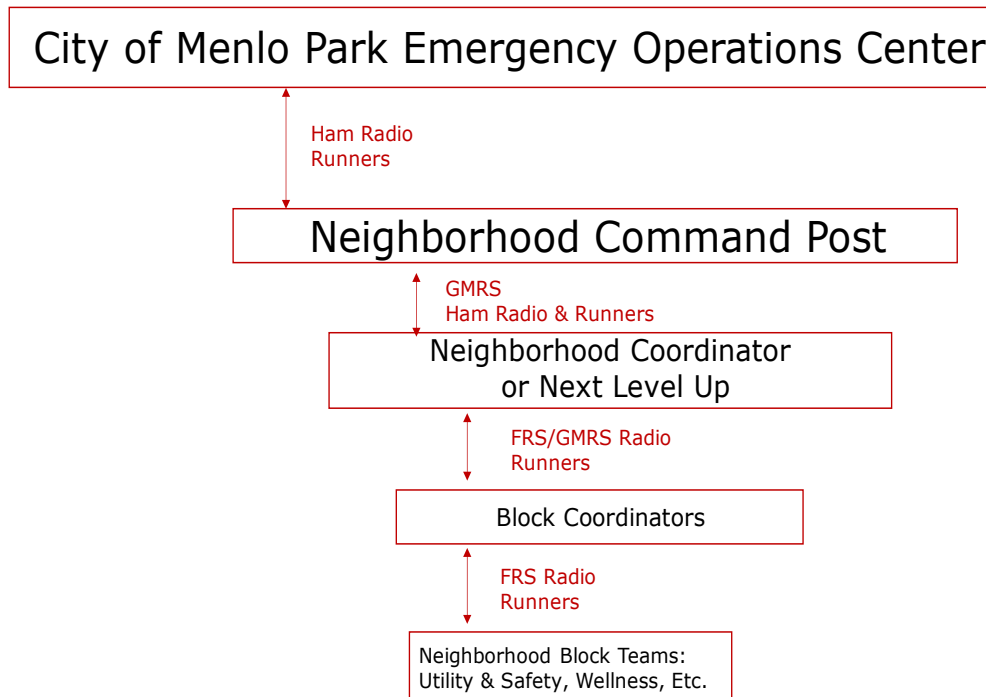
Summary Title: Status of Radio Disaster Communications Across Menlo Park

ISSUE

Following a disaster, traditional communication channels are likely to be severely disrupted. Yet the ability to send and receive information will be more critical than ever.

MPC Ready has launched a pilot program to increase post disaster neighborhood level capabilities, including communications. However, Block and Neighborhood Coordinators ask who they will communicate with at the government level. We would like to work with our local government to establish an organized and effective way to communicate following a disaster.

Below is a DRAFT model for MPC Ready Disaster Communication Links



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BACKGROUND

This report collects information pertaining to amateur radio capabilities across the City of Menlo Park 94025 zip code. We intend a report that will increase transparency about actual capabilities and foster collaboration.

This report compiles current capabilities across these main categories:

- Section A: Plans (pages 3-4)
- Section B: Funding (pages 5-7)
- Section C: Volunteer Activation (pages 8-9)
- Section D Training and Practice (pages 10-13)
- Section E: Materials and Promotions (page 14)
- Section F: Local Ham Radio Organizations (page 15)
- Section G: Equipment (page 16)
- Section H: Ham Radio Operators (17-31)
- Section I: Findings and Recommendations (page 32)

METHODOLOGY

We gathered “paper” information and consolidated it into main categories, and added what we knew via “institutional knowledge. We also reviewed websites for more information.

EXECUTIVE SUMMARY

The government-led disaster communication effort current focuses on a Fire District-centric model with CERTs and Ham radio operators reporting into the Fire District.

MPC Ready wants to establish a communications structure framework from the blocks to the TBD next level up, which could be to a Neighborhood Coordinator (NC). The NCs would then communicate into a Neighborhood Communication Post. The post could be located within the City of Menlo Park’s Emergency Operations Center. Ham Radio Operators living within Menlo Park neighborhoods could be part of this structure.

Central coordination, with suitable stakeholder participation from the jurisdictions and community-based groups, is needed.

SECTION A: PLANS

CERT Background

During 2014-2022, the MPFPD established an advisory Board for its CERT function which was titled the “Community Crisis Management/CERT” Advisory Board or CCM/CERT. For various reasons, this organization struggled to be effective. By mutual Fire District Board and volunteer agreement, the organization was ended in roughly 2021.

The CCM/CERT Advisory Board’s Communications Committee was considered its most active committee, speaking at CERT training meetings and benefitting from the Fire District’s considerable financial support for communications equipment. The Committee consisted of: Keith Fuller, Rachel Kinoshita, Steve Taffee and Jon Mosby.

Menlo Fire Communications Working Group

The Menlo Park Fire Protection District held a bi-monthly or monthly communications working group. This was formerly led by a Ham radio volunteer. At a recent meeting, our understanding is that the Menlo Fire District introduces a new contributor from Menlo Fire: Martin Mijangos, who has a Ham radio skill set. Menlo Fire also announced plans for a major overhaul of Menlo Fire CERT and Ham radio support groups. This would include equipment, people, locations, roles and how these people interface with Menlo Fire in a disaster event. Additional volunteers are welcome to join this effort to contribute to the Communications Working Group, which likely will be more directed by Menlo Fire than in the past.

Disaster Response & Communication Plans (pertaining to volunteers)

Date	Plan	How Obtained/Learned About
April 21, 2021	Menlo Fire Disaster Response Guidelines	Public records request
September 22, 2021	Menlo Fire Disaster Volunteer Management Annex	Public records request
August 30, 2020	San Mateo and Santa Clara County HAM frequencies along with County VHF and UHF Frequencies	Jon Mosby
November 8, 2020	MPFPD CERT Communication Plan	Rachel Kinoshita presented plan at an MPC Ready meeting
January 4, 2015	MPFPD CERT Net Script	CCM/CERT website with inactive link
August 1, 2015	Menlo Fire Net Procedure	
October 21, 2015	MPFPD CERT Communications Plan.V.1.1	
December 2, 2015	MPFPD CERT Communication Plan.	CCM/CERT website with inactive link.

Prior Plans, Cont.

Date	Plan	How Obtained/Learned About
June 3, 2015	MPFPD Communication Plans Forms. Zip	CCM/CERT website with inactive link. Author: Steve Taffee
June 3, 2015	MPFPD Communication Plans Forms. Zip	CCM/CERT website with inactive link. Author: Steve Taffee.
March 3, 2015	TM-V71(KEM)-English_R1.pdf	CCM/CERT website with inactive link. Author: Steve Taffee.
March 19, 2015	Liaru_emcomm_guide_1jan2025.pdf	CCM/CERT website with inactive link. Author: Steve Taffee.

SECTION B: Funding

Menlo Fire Community Engagement & Resiliency Budget & Staffing

The below budget was approved by the Fire Board at their May 25, 2024 meeting.

COMMUNITY ENGAGEMENT AND RESILIENCY

Purpose Statement

The Community Engagement and Resiliency (CER) program’s purpose is to prepare the community for small- or large-scale emergencies and disasters through training, education, and awareness. This will be accomplished by providing disaster preparedness training and resources to the community through our Community Emergency Response Training (CERT) program and by partnering with community groups.

Program objectives:

- Provide education to the community focusing on basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations.
- Provide support for classes on emergency readiness that include Red Cross Ready, CPR/First Aid, Stop the Bleed, Pet Preparedness, etc.
- Continue CERT growth and participation.
- Enhance community group support.
- Bolster Community preparedness cache.

FTE Personnel				
	2022-23	2023-24	2024-25	Change (FY25 vs FY24)
Disaster Response Manager	1.0	-	-	-
Community Volunteer Coordinator	-	1.0	1.0	-
Emergency Services Specialist	1.0	1.0	1.0	-
Public Education Officer	1.0	-	-	-
Risk Reduction Officer	1.0	1.0	1.0	-
Senior Management Analyst	1.0	1.0	1.0	-
Total	5.0	4.0	4.0	-

Expenditure by Category						
	2022-23 Actual	2023-24 Amended Budget	2023-24 Estimated Actual	2024-25 Preliminary Budget	FY25 vs FY24 Increase/ (Decrease)	Change in %
General Fund						
Salaries	\$211,588	\$571,830	\$200,318	\$595,298	\$23,468	4.1%
Stipends	10,617	16,200	10,370	24,102	7,902	48.8%
Overtime	15,351	15,000	3,288	15,000	-	-
Retirement	58,773	83,972	52,233	60,735	(23,237)	-27.7%
Benefits	72,292	130,555	40,093	127,745	(2,810)	-2.2%
Materials and supplies	91,565	227,500	221,779	449,000	221,500	97.4%
Contract services	4,052	138,500	108,150	123,000	(15,500)	-11.2%
Fixed assets	-	-	-	-	-	-
Subtotal	\$464,238	\$1,183,557	\$636,231	\$1,394,880	\$211,323	17.9%
CIP Fund						
Fixed assets	\$ -	\$ -	\$ -	\$50,000	\$50,000	100.0%
Subtotal	\$ -	\$ -	\$ -	\$50,000	\$50,000	100.0%
Total Expenditure	\$464,238	\$1,183,557	\$636,231	\$1,444,880	\$261,323	22.1%

Menlo Fire Community Group Funding Draft Policy

The Fire Board, through the years, has discussed the general topic of funding for the community-based groups, not under its “direct control.” To date, the Fire District has not funded groups but they have funded equipment, copies and individual requests. The Fire Board approved a budget for its now disbanded CCM/CERT Advisory Board. However, we believe the group never received the funding due to it being needed instead for Fire District “overtime.”

A temporary Fire Board working group, consisting of two Fire Board members and Fire District staff, was tasked with developing a draft policy which was proposed at the July 18, 2024 meeting. The working group did not include direct participation from the community-based groups.

The draft policy included the following statements:

“Fire District staff will coordinate this policy with the individual jurisdictions. **The intent of this coordination is to provide the volunteer community groups clarity that their direct funding request should be directed to their sponsoring jurisdiction.**”

- The Fire District’s focus will be on household and business readiness for self-sufficiency during a disaster.” The Fire District will develop a multi-channel marketing and education program for residents in the district. The Fire District’s primary focus will be on training and readiness.”
- The Fire District will help the cities/town develop emergency cache strategies to assist during a disaster.”
- **The Fire District will not provide direct cash funding on an ad-hoc or informal basis to community groups and organizations that are not managed by the Fire District.**
- **Fire District will support recognized emergency preparedness groups and organizations for funding printing of educational materials that will be evaluated on a case-by-case basis.** NOTE: a request process, within MPC Ready, needs developing. Any printing support from the Fire District should also be tracked as an “in-kind donation.”
- For the community groups and organizations, the Fire District’s primary focus will be on skills training and development and self-sufficiency.”
- **Fire District staff will develop a process for providing equipment and supplies requested by the various community groups and organizations or having such equipment available for release to these community groups or community organizations in the event of a necessitating emergency.”**
- The Fire District will maintain a districtwide CERT program for cross jurisdictional activation of the Fire District’s CERT volunteer team that will have DSW designation and protection and be utilized to support activities consistent with the provided training. **The district will provide the necessary equipment cache to the District’s CERT-trained volunteers that matches the skills and training as provided by the National CERT program.** The Fire District’s CERT volunteers may be deployed to assist in distribution of emergency supplies based upon requests, needs and capabilities.”

“The Fire District will maintain a list of certified volunteer Ham Radio operators to supply the Fire District during emergencies and provide training, as necessary, on how they can assist the Fire District. This will be accomplished by following a recognized communications plan.”

City of Menlo Park

The City of Menlo Park has one full-time Emergency Preparedness Coordinator who has a 2023-2025 budget of \$40,000.

The City of Menlo Park Emergency Preparedness Coordinator plans to establish a robust MP Emergency Operations Center.

Community Groups -- FYI

East Palo Alto -- rEPAct

The local rEPAct organization has worked to build a FRS/GMRS radio network city-wide. They use FRS and GMRS radios and Faith Baptist Church has an Emergency Operations Center. Perry Eckhoff is the lead.

The rEPAct organization has no direct government funding.

Menlo Park MPC Ready

MPC Ready wants to work towards building a FRS/GMRS radio network city-wide with reporting into the City of Menlo Park's Emergency Operations Center. We received a \$4,000 community grant from the City of Menlo Park for the purposes of establishing a neighborhood Gathering Point with supplies. The rolling duffle bag includes 4 FRS/Walkie Talkie radios so that block teams can communicate with the Block Incident Commander following a disaster, and the Block Incident Commander can communicate with the next level up.

In general, MPC Ready is self-funded.

Atherton ADAPT

ADAPT has similar goals and it recently gave equipment caches to their Neighborhood Coordinators. Equipment caches contain ham and FRS radios. Cache program was funded by \$20,000 that came from the Atherton Police Department.

ADAPT also receives annual funding from the Town of Atherton's Police Budget.

North Fair Oaks Block Action Team

Their plans are unknown.

SECTION C: VOLUNTEER ACTIVATION

City of Menlo Park

Currently, Fire District trained CERTs report into the Fire District. If the CERTs are needed, the Fire District may contact the CERTs who may accept the activation or stay in their neighborhood. The jurisdictions work through the Fire District to receive CERT assistance.

On a related note, Atherton may activate those on its ADAPT mailing list, which includes Menlo Park residents. This mailing list includes CERTs and non-CERTs.

MPC Ready Volunteers

Trained Block and Neighborhood Coordinators may self-activate in their neighborhoods. They will first take care of their loved ones. They may evacuate if they feel unsafe and they may address simple hazards that could impact their household.

Block and Neighborhood Coordinators may set up a Neighborhood Command Center at the Neighborhood Gathering Site. From this site, as volunteers and neighbors arrive, the Block/Neighborhood Coordinator can form teams and direct them to check on neighbors and report back using the FRS radios. The information, ideally, will then be relayed to the next level up and then the City of Menlo Park's Emergency Operations Center.

Menlo Fire Activation

As per the draft July 18, 2024 Fire Board DRAFT Emergency Preparedness Policy, "Fire District staff plans to develop a Memorandum of Understanding with the jurisdictions the Fire District serves to support mutual aid activation of CERT volunteers within the district."

The below statements at Menlo Fire Websites need updating:

Menlo Fire website Statement: Following an actual emergency, CERT, ARES/RACES, and other emergency groups will create radio networks [per their established protocols](#). CERT members should check the frequencies listed above to listen for emergency radio messages and further instructions. If you are a ham operator, be sure to bring your handset with you to [your neighborhood assembly area when you check-in with your local Incident Commander](#). Radio communications will be a priority, and operators are needed in all CERT functions including search and rescue, medical triage and treatment, operations, logistics, and the incident command post.

Menlo Fire CERT Members Website Statement: Each Neighborhood has trained CERT leaders and CERT members, who have agreed to volunteer their help during a disaster. These CERT members are contacted during a disaster and asked to convene at a designated rally point. The CERT teams then set up a command structure and make use of equipment to provide Community & Public Safety Support as needed. The CERT team is trained to support communications, gather information, provide basic medical and more.

Local Affiliated Ham Radio Activation

A January 21, 2019 internal document, provided by Jon Mosby, listed local agencies and some schools and houses of worship along with HAMs.

There were no procedures associated with the document. The below list does not include all the schools residing in the Menlo Park 94025 zip-code area. Some listed entities reside in other jurisdictions. However, it is a start of a future populated Ham Radio communications structure across the Menlo Park community.

The below information was reviewed by Jon Mosby and some prior names removed.

Organizations	Affiliated Ham Radio Operators	Notes
Atherton EOC	Jon Mosby (KF6RFQ) Robin McClish (KF6PBA) Mark Reynolds (KN6SRN)	
East Palo Alto EOC	Perry Eckhoff (KL6OPZ) Telesia Alusa (KM6PUX)	
Menlo Park EOC	Keith Fuller (KK6GTJ) Donald Weber (KJ6AYJ)	
Menlo Park Fire District ECC	Rachel Kinoshita (KK6DAC)	
Menlo School	Marc Allard (K6IOI) Brian Ward (KJ6ETI) Eric Spross (KD6FXT)	
Sacred Heart Schools	Contact Sgt Hall	
Oak Knoll School	David Ackerman (KG6ZAD)	
Stanford Research Institute (SRI)	Jamie Sedano (AI6ER)	
New Community Church	Jon Mosby (KF6RFQ)	

SECTION D TRAINING & PRACTICE

The community-based organizations have conducted local FRS training. We know of no central FRS/HAM training effort across the community-based groups. Tom Owen, Tom Prussing and Jon Mosby have all conducted communication-related training.

Menlo Fire has conducted periodic CERT communications refresher training.

The City of Los Altos sponsors the Los Altos Prepares Organization, which conducts monthly Zoom-based FRS classes. We are invited to take these courses.

<https://www.losaltosca.gov/police/page/los-altos-prepares-upcoming-training>

Ham Radio Classes

Some new HAMs have gotten their license via the Bay Area Emergency Amateur Radio Society or BAEARS via its popular Ham Cram Course. Details at: <https://www.baears.com/>. At this event, representatives from the South San Francisco Ham group meet students and invite SSF residing residents to join their effort. Recipients receive a Ham radio and other support.

The WPV-Ready radio group also promotes its weekly NET check ins via its google groups.

Locally, we know of no focused effort to engage new HAMS into the local Nets.

By request, Jon Mosby offers these Ham Radio Classes:

- Ham Radio 001: What Now?
- Ham Radio 101: Jumpstart
- Ham Radio 102: Jumpstart
- Ham Radio 201: Net Control Part I
- Ham Radio 202 Net Control: Part II

Jon Mosby offers these Walkie-Talkie/FRS Radio classes:

- FRS 101: What is FRS?
- FRS 102: How to use FRS
- FRS 103: Exercises

Practice

From Menlo Fire CCM/CERT Advisory Board Website: Licensed amateur radio operators are encouraged to check-in with Menlo Park's CERT radio communications net, which is held on the first Monday of the month starting at 1830 hours. We check-in on three frequencies, one after the next. We take a roll call based on the last three letters of your call sign, followed by any guests who might also like to check-in. [Net control operators are drawn from our CERT membership and use equipment located in the Menlo Park Police Department, Atherton Police Department, and other locations.](#)

- 147.555 simplex with a PL tone of 114.8
- Primary Simplex frequency
- 440.600 repeater, positive offset, PL tone 91.5
- Primary Emergency Repeater for CERT, Menlo Fire Protection District
- 440.450 repeater, positive offset, PL tone of 107.2
- Secondary Emergency Repeater for CERT, Menlo Fire Protection District N6ZX

Local Area Weekly Nets

Day	Times	Frequencies	Contacts	For Whom
Mon	6:30 PM	440.600	Keith Fuller (KK6GTJ@gmail.com) Mark Reynolds (KN6SRN@gmail.com)	For local Ham Radio operators. Simplex.
Mon	6:40 PM	147.555	Keith Fuller Mark Reynolds	For local Ham Radio operators. Repeater practice.
Mon	7:30 PM	444.500	Assigned weekly	For SCARES members and guests
Tue	8:00 PM	146.865	Assigned weekly	For entire SMC HAM community

Q&A About Weekly Nets (answers from Jon Mosby)

Who is currently responsible for NETS?	CERT Net N/C is by volunteer signup. SCARES is by Call Sign suffix Annually. SMC is assigned by the Sheriff's Comms Unit.
How many MP Ham radio operators participate and where are they located?	CERT = 7 for Menlo Park CERT = 2 for North Fair Oaks SCARES = 10 for 94025
How are the NETs promoted?	At Cram/Exams SCARES Newsletters SMC by announcement At MPC Ready website and occasionally in their newsletter.
What is the process, if any, for HAMs who routinely miss the check ins?	CERT unknown. Those on list appear to never be "dropped." SCARES by membership SMC undocumented. Anyone may check in.

SF Peninsula Local Amateur Radio Nets

Supplied by Jon Mosby. Prepared by K6VJ © 2012-2021. Updated 06-01-21. **Please listen in one time completely through, then login in as a guest the next time.**

Monday

7:00 pm, Red Cross (Burlingame)	147.420 simp	pl -----	REDCR1
7:00 pm, Pacifica CERT	146.925 minus	pl 114.8	WA6TOW
7:30 pm, South County ARES	444.500 plus	pl 100.0	K6MPN
7:30 pm, South County ARES linked	146.445 simp	pl 114.8	ARES2
7:30 pm, San Bruno ARC	146.925 minus	pl 114.8	WA6TOW
8:00 pm, San Francisco Radio Club	145.150 minus	DCS 664	W6PW
8:30 pm, Palo Alto Amateur Radio Assn	145.230 minus	pl 100.0	N6NFI

Tuesday

7:00 pm, San Mateo Radio Club	145.370 minus	pl 107.2	N6ZX
7:00 pm, Youth Net (under 18)	145.230 minus	pl 100.0	N6NFI
7:15 pm, Foster City ARES TX/RX	438.500 simp	pl 114.8	FC CB
(Cross-band = UHF-to-VHF & VHF-to-UHF)	147.570 simp	pl 114.8	FC 1
7:30 pm, Burlingame-Hillsborough	146.805 minus	pl 192.8	BURL V
back-up, Burlingame-Hillsborough	147.525 simp	pl 114.8	BURL 1
back-up, Burlingame-Hillsborough	146.595 simp	pl 114.8	BURL 2
7:30 pm, Daly City ARC	146.925 minus	pl 114.8	WA6TOW
8:00 pm, Sheriff's Comm Unit	146.865 minus	pl 114.8	KC6ULT
8:00 pm, Sheriff's Comm Unit	146.925 minus	pl 114.8	WA6TOW

Wednesday

8:00 pm, Red Cross Bay Area linked	145.390 minus	pl 100.0	REDCR2
8:00 pm, Red Cross Bay Area linked	443.225 plus	pl 100.0	REDCR3
8:00 pm, Red Cross Bay Area linked	443.975 plus	pl 100.0	REDCR4
8:00 pm, Coastside ARC	146.925 minus	pl 114.8	WA6TOW
8:00 pm, Half Moon Bay ARC (CERT)	440.725 plus	pl 114.8	WB6JKV

Thursday

7:00 pm, San Mateo Club RAG CHEW	145.370 minus	pl 107.2	N6ZX
7:30 pm, Millbrae Radio Club	146.490 simp	pl 114.8	MILL 1
8:00 pm, San Francisco RCCW Comms	144.070 simp	50 .130	Simp

Monday thru Friday

9:00 am, 9am Talk (9amTalk.net)	145.230 minus	Pl 100.0	N6NFI
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Saturday

8:00 am, "Bay Area NVIS Net" (Red Cross)	3.890	"HF-LSB" NVIS[*]	
	MHz		
10:00 am, Quarter Century Wireless Assn	146.925	Minus pl 114.3	WA6TOW

Sunday (No Nets Listed)

[*] NVIS = Near Vertical Incident Skywave, (6:00 am – Only NVIS Net)

History of Local Area Exercises

June 2020: City of Menlo Park Burgess Park Drill

Drill organized by Tom Prussing via public announcements and other means. Comms organized by Jon Mosby. It included Menlo Park Fire Protection District participation.

September 11, 2021: ADAPT Annual Emergency Drill

Drill organized by Tom Prussing and it included a significant radio component organized by Jon Mosby.

Nov 19, 2021: ADAPT Communications Drill

Drill organized by Tom Prussing. This drill included Menlo Park residents in lead roles. Comms organized by Jon Mosby.

2022 Marcussen Drive Drill

Drill organized by Tom Prussing. Drill followed about 8 months of training sessions focused on the Marcussen residents.

September 10, 2022 9-10 AM ADAPT Annual Emergency Drill

Drill organized by Tom Prussing and it included a significant radio component organized by Jon Mosby.

January 2023. Ham Radio Engagement and Capabilities Building Exercise

ADAPT and MPC Ready supported efforts by Jon Mosby to contact Hams residing in Atherton and Menlo Park regarding a communication drill. Very few in Menlo Park participated. Unaffiliated Ham Radio Operators residing in the 94025-zip code area were sent a letter inviting them to participate. The letter included these details:

The exact date and time will be announced via two text messages. The first will send notice of a “predicted event” during a 2-day window. The second will initiate the drill. There is no obligation to participate. We want to start with “frictionless drills” as we build an understanding of HAM capability. We hope you will consider participating.

June 2023: Town of Atherton EOC Drill

Comms organized by Jon Mosby. Drill primarily aimed at Atherton employees.

SECTION E: MATERIALS & PROMOTIONS

We found few materials and events that promote local interest in disaster communication radio skills. Clearly, this is an opportunity area.

In contrast, the South San Francisco CERT/Ham organization attends the Ham Radio Ham Cram event where they invite South San Francisco residing residents to join them. They offer includes free Ham radio equipment for those who passed the exam.

Training has been conducted mostly by Jon Mosby for the community-based organizations. A key gap in the training has been who the trained volunteers will communicate with as part of an organization disaster communication structure.

Materials	Purpose	Date	Contact
FRS Radio Propagation MAP	Handout given in connection with an FRS training series.	09/23/2022	Lynne Bramlett
Becoming a Prepared Community	Tri-fold lists all 4 Menlo Park Area neighborhood level orgs along with CERT, Medical Reserve Corps and HAM	09/22/23	Lynne Bramlett
Quick Start Guide	To give to Block Coordinators with their Duffle Bag/Supplies.	June 30, 2024	Lynne Bramlett

Events

August 2023. San Mateo County Disaster Preparedness Event. Included a communications table organized by Rachel Kinoshita.

August 2024. San Mateo County Disaster Preparedness Event. SCARES had a table. Rachel Kinoshita was present.

SECTION F: LOCAL AND NATIONAL HAM ORGANIZATIONS

Organization	Website	MP Participants
AARL -American Radio Relay League	The National Association for Amateur Radio http://www.arrl.org	
Cupertino AREAS/RACES	https://www.cupertinoares.org/index.php	
Foothill Amateur Radio Society (FARS)	https://www.fars.k6ya.org/	
ARES/RACES of Mountain View	https://www.k6mtv.org/	
The Palo Alto Amateur Radio Association	https://www.paara.org/	Margaret Cooper, Treasurer
Portola Valley Amateur Radio Association	https://radio.rothrockfamily.com/	
Santa Clara County ARES/RACES	https://www.scc-ares-races.org/aresraces.htm	
South County Amateur Radio Emergency Service (SCARES)	https://www.k6mpn.org/	Jon Mosby Margaret Cooper Rachel Kinoshita
South Peninsula Emergency Communication System	https://www.specsnet.org/ Mountain View	

SECTION G: EQUIPMENT

One may visit https://www.levinecentral.com/repeaters/google_mapping.php for a list of local area repeater stations. The map is managed by david@levinecentral.com as per the website. It is possible that the map is not fully current. Visitors may click on the live button to obtain more information, such as a call sign.

MENLO FIRE

Repeater Stations

There are four repeater stations on the Peninsula run by Jim Grunke and paid for by Menlo Fire. Grunke's call sign is KR6WP and he works for an agency that does Fire and Police reporting. He was asked to establish the repeaters and he maintains them. Grunke also typically attends the weekly local area NETs. One repeater is at Station 2 and Grunke has invited interested parties to schedule a "field trip" visit the Station 2 repeater with him. Grunke's email is: kr6wp.jim@gmail.com.

Local Agencies: from Menlo Fire CCM/CERT website

- Menlo Park Police Department - Kenwood TM-V71
- Atherton Police Department - Kenwood TM-D710A
- Urban Search and Rescue Task Force 3 - Kenwood TM-D710A and iCom IC-208H

City of Menlo Park Repeater Station Plans

Menlo Park plans to establish two repeater stations: One at the Belle Haven Community Center and one at SLAC. The City of Menlo Park Police Department has Ham Radio Equipment where the weekly Nets may be conducted by the weekly "Net Control."

MPC Ready (Menlo Park)

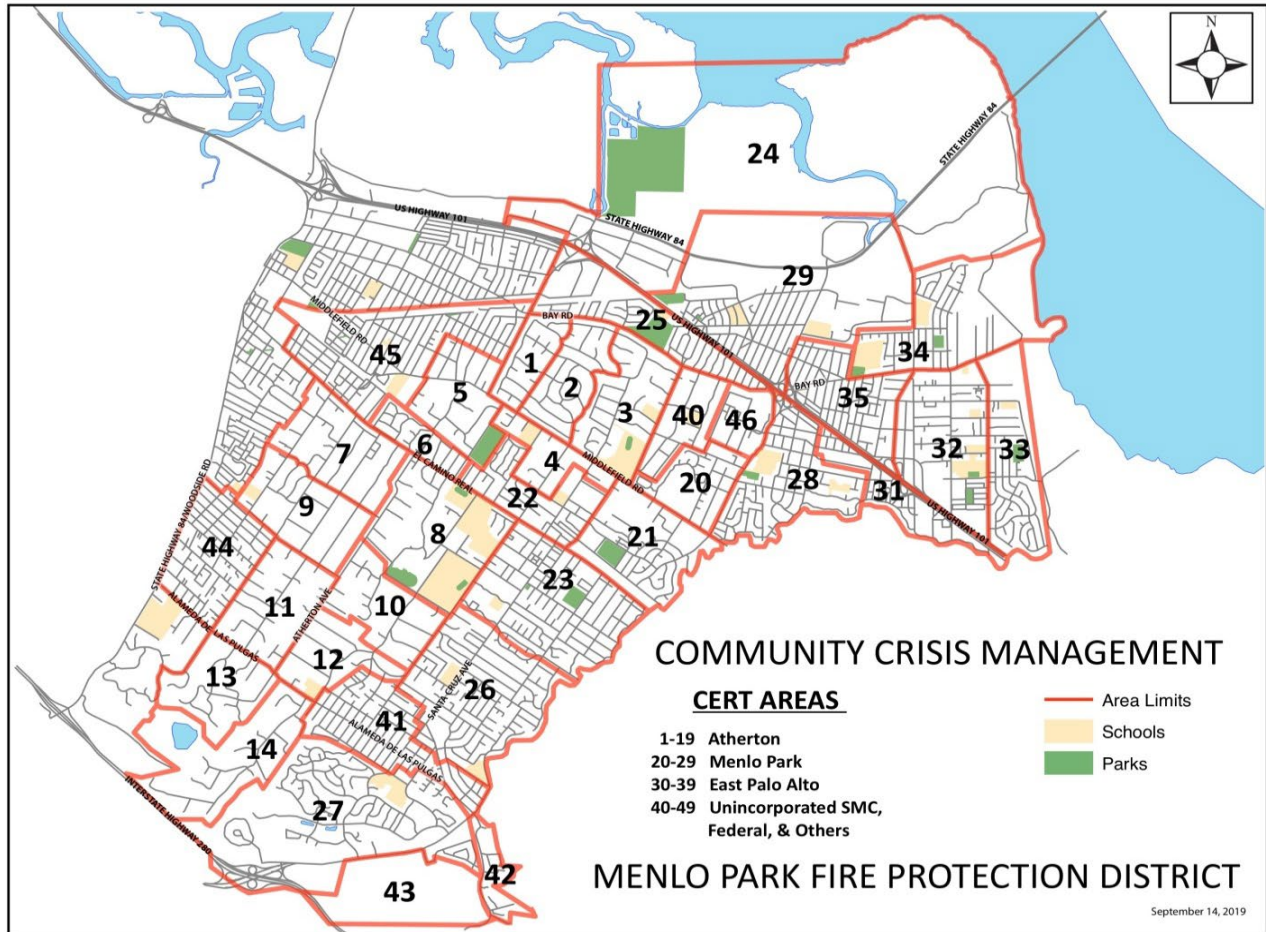
MPC Ready has launched a Neighborhood Pilot Program that includes a rolling duffle bag with supplies to set up a Neighborhood Command Post. The supplies include 4 FRS radios, distributed after the Block or Neighborhood Coordinator takes training.

ADAPT (Atheron)

The ADAPT Organization received \$20,000 from the Atherton Police Department for emergency caches for its Neighborhood Coordinators. The caches include communication equipment

rEPAct (East Palo Alto)

Details unknown.



The information on the following pages was based on a report for “Unassigned Ham Radio Operators” residing within the 94025-zip code. The report did not include the affiliated Hams. We added a few. We mapped the radio operators to one of the CERT areas. The addresses were not included for privacy reasons. The CERT boundaries were developed by prior CERT volunteers.

Area	Total Hams
20	27
21	9
22	16
23	46
25	11
26	17
27	37
28	41
29/24	37
40	2
41	32
42	3
45	28

SECTION H: PEOPLE

The below people are from a recent report of 94025 residing licenses Ham Radio operators. No addresses included for privacy reasons. We believe that most fall into the beginner skill level. Some people may have moved. Let lynne@mpcready.org know if you find any errors.

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
20	Sanjay Bulchandani	A16PM		
20	Christopher Cassidy	KK6RTH		
20	Donald Chambers	AE6WH		
20	Wei Ching	AI6UW		
20	Kenneth Cook	KK6ZZK		
20	Matthew Dennie	KN6ED1		
20	Kathleen Heng	KM6CRI		
20	Jeffrey Holman	KK6CYA		
20	Kyle Kranen	KM6NWS		
20	Robert Leblanc	W6BLT		
20	Brenda Lee	KJ6SPU		
20	Thomas Lopez	KK6TGH		
20	Mark McBirney	KG6GHC	Same address	
20	Scott McBirney	KA6LFE	Same address	
20	Andrew McDowell	AI6ZI		
20	Jennifer Michel	KJ6MJH	Address on list is incorrect	
20	James Munzel Posse	KM6DUE		
20	James Nisbet	KN6PMR	Same address	
20	Gregory Nisbet	KN6PMZ	Same address	
20	Tyler Phelan	KK6CME		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
20	Robert Pinkerton	KK6TGE		
20	Tim J. Prachar	W3LX		
20	Aleksandr Solovete	KM6LUP		
20	Austin Tai	KM6MWT		
20	Michael Taylor	K6GRM	Menlo Fire primary CERT Contract trainer	
20	Robert Travis	W9MAK		
20	Tiffany Walters	KN6TEV		
21	Christopher Christei	K6SF		
21	Don Corral	KK6JJX		
21	Keith Fuller	KK6GTJ	CERT Comms Team	
21	Wojciech Koszek	KN6AKG		
21	Andrew Nisbet	KN6JLP		
21	Oleg Rummyantsev	KN6FQQ		
21	Robert Sears	W6RKS		
21	Cameron Smith	KM6AHP		
21	Justin Witmer	N6ETC		
22	Brandon Bond	K16CEY	City of MP	
22	Lynne Bramlett	KN6UDB	MPC Ready	Beginner
22	Morris Brown	W6NP		
22	Peter Carpenter	KJ6ABS	Address on list incorrect	
22	Mark Cohen	WA3HST		
22	Jeremiah Darais	KM6KJN		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
22	Behnam Esfahbod	KM6DUB		
22	Basil Horangie	KK6CCB		
22	Simon Karpen	KC2GIE	Same address	
22	Elaine Karpen	KG6JGA	Same address	
22	Jonathan Kuo	KM6DNZ		
22	Stu Langs	AA6SL		
22	Barbara Lawler	KI6DDZ		
22	Russell Peterson	KN6BGR		
22	Tom Prussing	KG6SBV		
22	Andrei Savu	KO6BYC		
23	Robert Bennett	AF6GY		
23	Bradford Boyle	AB3MD		
23	Christopher Capelle	KG6OYW		
23	Victoria Chen	KM6REN		
23	Margaret Cooper	K6WEK	CERT Comms team	
23	Peter Danzig	WA6WVH		
23	Claire Donohue	N6V0J		
23	John Drews	N6ICU		
23	Edwin Ehmke	KI6L1R		
23	Garrett Farwell	KM6KUM		
23	Michael Geary	WJ6V		
23	Cole Gillespie	KM60GW		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
23	Colon Gullledge	W6AWR		
23	Samuel Girdzis	K6ASG		
23	Gary Kremen	K9GAK		
23	Joseph Krensavage	KI6THO		
23	Robert Lorenz	AF6GH		
23	Huizi Mao	KN6ALL		
23	Philippe Mathevon	KN6RFK		
23	James McCarrick III	KM6ZUG		
23	Brian McNamara	KN6EDW		
23	Owen McQueen	KO6ATT		
23	Ronald Miles	WB7TLI		
23	Theodore Moran	KB6UDA		
23	Tong Mu	KN6AJY		
23	Callie Muhlner	KN6BUH		
23	Ashley Paley	KN6DYF		
23	Alfred Pavao	KD6EFV		
23	Jonah Probell	N1QLO		
23	Paul Reasenber	KN6AKP		
23	William Rivard	KI6JQZ		
23	Larry Rolla	KN5GCS		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
23	Michael Schierz	KK6OON		
23	Ralf Schueler	AI6CE		
23	Michael Seringhaus	KM6MZJ		
23	Alessandra Sivilorri	KM6KFB		
23	Ruth Sivilotti	KM6KFD		
23	John Sleeman	N6RAP		
23	David Soltz	KG6ANG		
23	Tomasz Swigut	KJ6PWH		
23	Brent Townsend	KM6LGQ		
23	Alyssa Vance	KC2KAI		
23	Gary Waldeck	K6AIR		
23	Marshall Williams	KM6GAR		
23	Michael Yu	KN6SHC		
23	Jingyuan Linda Zhan	KN6AKL		
25	Erika Bailey	KN6TDT	CERT Comms Team	
25	Arlen Comfort	K16DEE		
25	Samuel Dunster	KM6LGM		
25	Michael Gegan	WA6SNP		
25	Robert Leichner	W06W		
25	William McCabe	W6EQE		
25	John Morris	KN6LPM		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
25	Scott O’Brien	KM6LGN		
25	Rachael Scheuring	KN6KQQ		
25	Patrick Villarreal	KG6ORJ	Same address	
25	Patrick Villarreal	N3JI	Same address	
26	Mark Belanger (Michael)	KM6MYL		
26	Aaron Bortolazzo	KJ6MMP		
26	Edwin Brink	K6TGG		
26	Michael DeMoss	KN6RFJ		
26	Heather Duke	KF6RPF		
26	David Fichou	KB6OEN		
26	Barbara Gale	KM6ACV		
26	Morton Grosser	KI6TBF		
26	Stuard Jacobson	KM6ADD		
26	Allen Mann	AD6WT		
26	Michael Milos	KK6EAX		
26	Reza Raji	KM6THV		
26	Leonard Shar	KN6CEA		
26	Hersh Shefrin	KQ6IM		
26	Arthur Tan	AB4RL		
26	Aria Tedjarari	KK6MIS		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
26	Martin Wellington	N6AMI		
27	Brian Battensby	K6KE		
27	Gabriel Blaj	ZJ6X		
27	Johan Blokker Jr.	KG6TDL		
27	James Bunch	KC6JRI		
27	Brook Byers	K6TKM		
27	Catherine Carlton Ride	KN6YGD		
27	George Carlton-Ride	KN6YGW		
27	John Carter	WB6JNY		
27	John Carter	N6NEU		
27	Ava Chan	KK6MTY		
27	Erik Chang	KN6ALH		
27	Ricky Chang	KK6GXX		
27	Constance Chevalier	KG6ZXC		
27	George Chitouras	WIGLY		
27	Carlos Cordero	KO6CDO		
27	Douglas DeVivo	KI6DQU		
27	Roger Erickson	WAOSHR		
27	Mark Ferrell	N4NCD		
27	Robert Freeman	WW6REF	Same address	
27	Ron Freeman	WW6RAF	Same address	

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
27	Emile Freeman	WW6EJF	Same address	
27	Diane Grant	KF6YFA		
27	Rebecca Grant	KN6RFI		
27	Jan Kolmas	KK6PVI		
27	Ryan Linchan	KN6BAL		
27	Jeffrey Lockhart	AF6YV	Same address	
27	James Lockhart	K8YTG	Same address	
27	Scott Loftesness	W3VS		
27	Wayne Michelsen	KB1FQN		
27	Bruno Posokhow	KK6BPD		
27	Robert Ridenour Jr.	KN6YGN		
27	Dave Saunders	K16AXQ		
27	Benjamin Siranosian	KN6AKS		
27	David Stoft	WD6DXX		
27	Leslie Sutton	KF6YDU		
27	Varun Tolani	KM6JKZ		
27	Alan Young	AG6ZE		
28	Johnathan Adams	KK6OBZ		
28	Francisco Bacal	KN6BUK		

CERT Area	Person	Call Sign	Address	Skill Level – Self Reported
28	Cynthia Bosworth	KJ6RND		
28	Ahmad Byagowi	AJ6KA		
28	Brian Dunn	KC9JFG		
28	John Feldis	WB2SJS		
28	Michael Fisher	KI6QVG		
28	Benjamin Goodman	KM6AHO		
28	John Grundy	KI6SFQ		
28	Rodney Hall	KI6WED		
28	Ted Hand	KM6GNE		
28	Charles Hess	KJ6PMA		
28	Kevin Holsinger	WB7BDI		
28	James Hong	KJ6PWI		
28	Keith Huie	KA6NBK		
28	Rachel Kinoshita	KK6DAC	CERT Comms team	Expert
28	Benjamin Kolland	KK7AQH		
28	Kurt Lehman	KM6YDF		
28	Scott Livingston	KI4NHL		
28	Ewout Mante	KG6BZN		
28	Jeffrey Mogul	K1JM		
28	Daniel Montgomery	KN6FJE		
28	Becky Ota	KM6ADT		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
28	William Pierce	KN6JHA		
28	Wesley Ramirez	WB6VZQ		
28	Kathleen Ratzlaff	KG6UXN		
28	David Reneau	KE6HOD		
28	Linda Salzar	KN6OFY		
28	Brian Setterberg	N7FMF		
28	Ralph Shepard	KN6BGX		
28	Subramanian Subbia	KJ6SFU		
28	Karel Sykora	K16JPR		
28	Stephen Taffee	KJ6TWW		
28	Jim Thielemann	KI6KVV	Same address	
28	James Thielemann	K6SV	Same address	
28	Terry Turner	KN6FMP		
28	Victor Valencia	AB6WZ		
28	Desiree Vogt	KA2TTV		
28	Carolyn Wales	KK6DFT		
28	Thomas Wong	KI6AYB		
29	Telesia Alusa	KM6PVX	rEPAct Communication team	
29	Christopher Country	KG6VNT		
29	Berk Demir	K6BDD	Meta Address	
29	Jay Dunlap	KB6DRB		
29	Randy Feriante	KI6SMA		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
29	Julian Fessard	AI6JF	Meta address	
29	Israel Lopez	KM6ETH		
29	Arun Moorthy	KN6CHD	Meta address	
29	Hung Nguyen	KN6LJE	Meta address	
29	Steven Rhodes	KJ6RDL		
29	David Riaziti	AJ6PS	Meta Address	
29	Michael Rosenberg	WD6GWC		
29	Barry Snowden	KJ6WDA		
29	Kar Leung Edmund	KM6RZA	Meta Address	
29	Hendrik Volkmer	KN8HIS		
29	Yang Yu	KM6WAB	Meta Address	
40	Bernard Chen	KN6NGN		
40	Michael Mitgang	KJ6LCE		
41	Edward Acevedo	K16HRC		
41	Geoffrey Baehr	N6LXA		
41	Mark Bercow	W6MSB		
41	Philip Bucksbaum	WAOSOH		
41	Virginia Chang Kiraly	KK8VCK	Fire Board Director	Novice
41	Arther Chair	KM6RUY		
41	David Clark	ABINC		
41	Charles Courtney	KM6CQV		
41	Craig Davis	N6RRD		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
41	Scott Eikenberry	W6EIK		
41	Peter Griffin	KK6VXO		
41	Tim Heaton	KG6WJG		
41	Christy Heaton	KI6DEA		
41	Erik Heurlin	KD6HMK		
41	Lukash Hodges	KN6HBX		
41	Hans Johsens	KG6TJU		
41	James Jun	KN6VJP		
41	Andreas Kaldun	KM6HVB		
41	James Kiraly	KK6WQU		
41	Robert Krause	KK6PKL		
41	Phillip Nelson	KM6NFR		
41	Leah Rogers	KN6EKN		
41	Dan Ryan Jr.	K6DJR		
41	Jen Sanchez	KN6QZT		
41	Kathryn Schlichtman	KG6CHS		
41	Mike Shannahan	KK6LVM		
41	Hamid Tehrani	KJ6ZQM		
41	Michael Westley	KL7EH		
41	Neil Wilhelm	WA6OTW		
41	Amanda Younes	KN6HBT		

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
41	Luca Younes	KN6HBW		
41	Les Zwiebel	WB6ORZ		
42	David Lu	KM6ZGX		
42	Brody Mulderig	KM1BTC		
42	Jacob Tetri	KO6AVK		
45	Brian Alvarez	KK6YQO		
45	Patricia Bailey	KM6MYI		
45	Ranier Bartoldus	KM6CQL		
45	William Eitner	KD6TAS		
45	Christopher Feilback	K06BYI		
45	Hannah Frost	KI6DLW		
45	Lynn Genrty	KG6JPV		
45	Castaneda Gonzalez	KN6ZPK		
45	Kevin Kaher	W6KGK		
45	Nancy Kaher	KG6AYX		
45	Ryan Kaher	KG6BFJ		
45	Tyler Kaher	KG6ASP		
45	Jon Mosby	KF6RFQ		Expert
45	Michael Murphy	KM6FFT		
45	Jean-Denis Muys	KN6KEM		
45	Catherine O’Sullivan	KK6BKE		
45-A	Robin McClish	KF6PBA		Expert

CERT Area	Person	Call Sign	Notes	Skill Level – Self Reported
45	Dominique Pomerleau	KB1KAC		
45	Neil Pomerleau	KB1KAD		
45-B	Tim Prachar	W3LX	May have moved to Area 20	
45	Ernesto Sanchez	KM6VMT		
45	Michael Sinkewitsch	WB6MZS		
45	Bart Smaalders	KN6HOH		
45	Bart Smaalders	KN6HOJ		
45	Stuart Sussman	KN6TEU		
45	Vinh To	KJ6OSE		
45	Kentara Wuertele	KN6CCK	Same Address	
45	David Wuertele	KN6BUP	Same Address	

SECTION I FINDINGS and RECOMMENDATIONS (Initial)

Findings

I1: Fire District-led CERT and Ham radio efforts have focused on what will support the district following a disaster/emergency.

I2: Menlo Park has a HAM foundation to build on via plans on paper, weekly NETs and a list of HAMs residing in Menlo Park who might get more involved.

Recommendations

I1: Conduct a comparative study of other local amateur radio networks, such as in Palo Alto, Oakland, South San Francisco, Portland Prepares and Bainbridge Island, to see what we can learn from them. Some of their leaders have offered to help Menlo Park establish a neighborhood-level disaster radio communications structure.

I2: Conduct outreach to Menlo Park residing Ham Radio Operators to try to interest them in getting more involved. Contact non respondents by phone. Based on findings, determine next steps which may include an invitation to a meeting with Brandon Bond and suitable others.