# SFWEM General Meeting

May 25, 2022

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# What has SFWEM been doing?

- Presented at Pacificon 2021

- Expanded to the Peninsula and South Bay

- Getting access to high sites

- Building out a high-speed backbone

- Helping other community efforts with ARDC grants

- Working with other NGOs for deployments

- Remarketing ourselves as Bay Area Mesh (BAM)

# Pacificon 2021

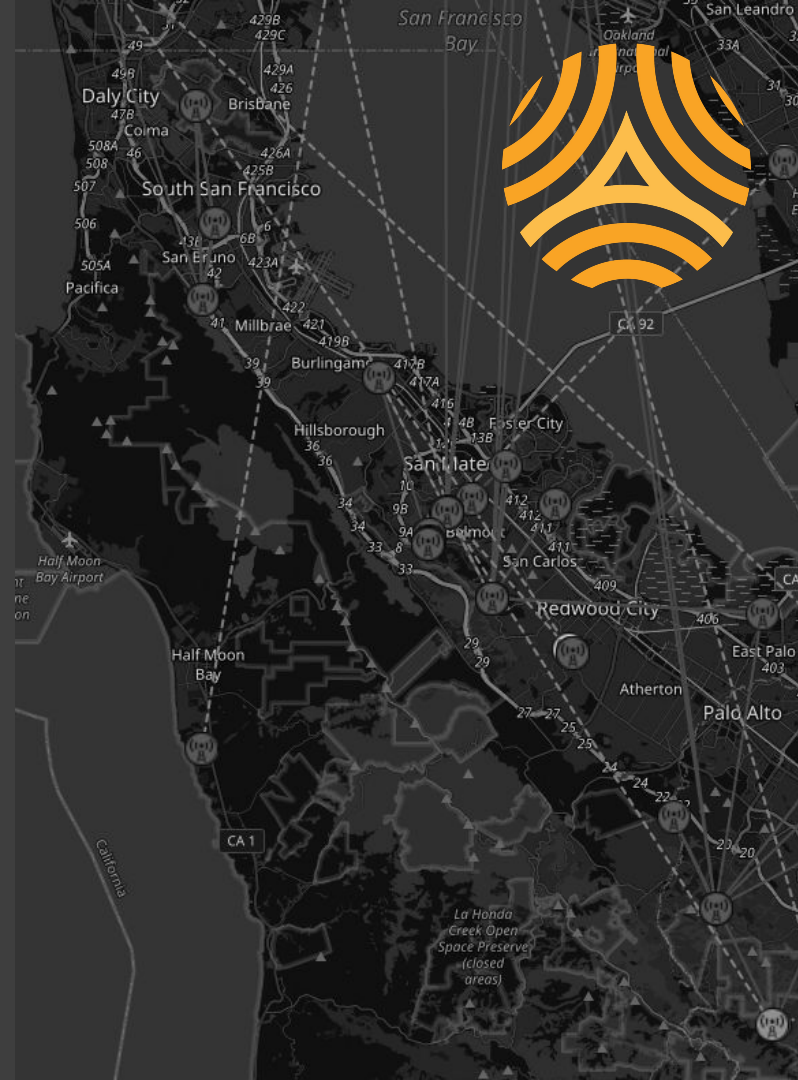ARRL Pacific Division Annual Conference.

SFWEM…

- Demoed a working Ad-Hoc mesh network

- Presented two lectures

- Introduced to ARRL Pacific Division Director

    Kristen McIntyre K6WX, to discuss AREDN

- Gave out a lot of swag!

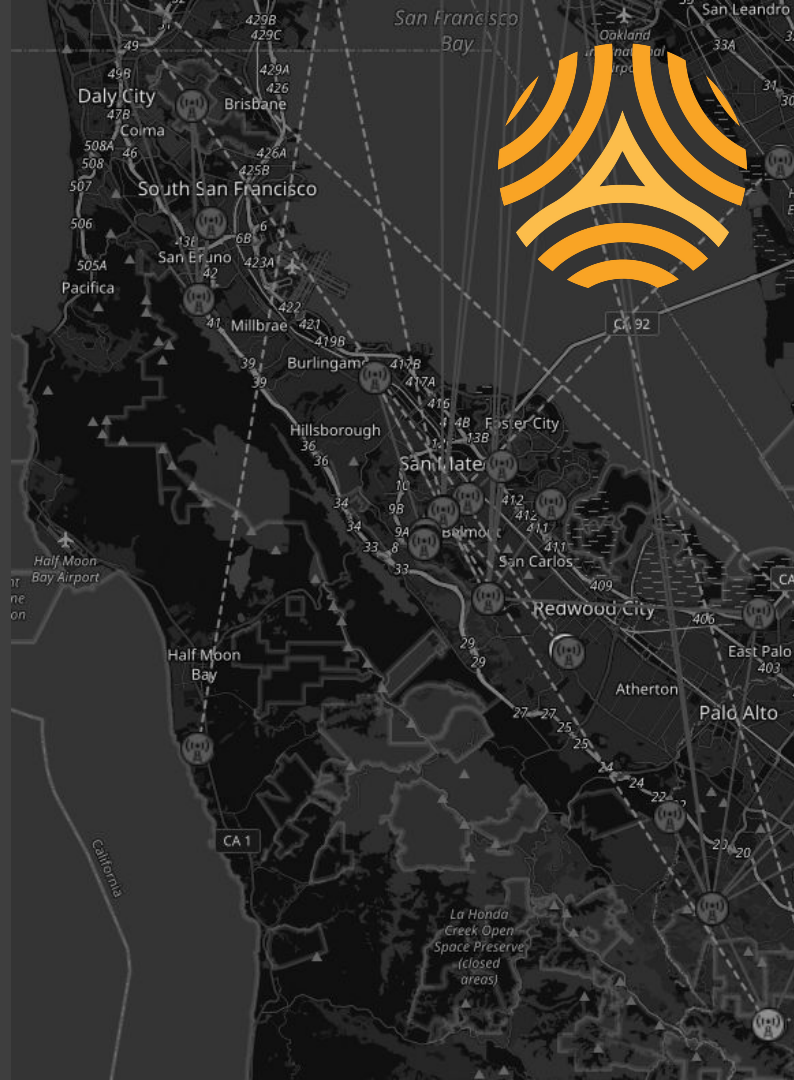- Collected contact info from over 50 hams

# Peninsula

Spearheaded by the South Bay / Peninsula regional committee, BAM saw incredible growth of the network and renewed efforts in a region with little prior activity. They added a premium site in the San Carlos hills that joined the East Bay and Palo Alto's Fire Station 8.

Additionally, BAM granted a large cache of equipment in support of the South County Amateur Radio Emergency Services (SCARES) group and their efforts.

# South Bay

Again, the unstoppable South Bay / Peninsula regional committee have been able to connect with folks that have deep relationships with agencies in this area, and BAM is starting to see more and more nodes lighting up as various groups test and develop their networks. The addition of Palo Alto's Fire Station 8 cements a path to continued growth in the South Bay.

# High Sites

BAM has built trust and recognition within many circles, resulting in

organizations reaching out and giving us access to commercial towers

and other prime sought-after locations to deploy our microwave links.

- Mt Diablo

- San Rafael

- Palo Alto Foothills

- San Bruno Mountain

- KPFA

- 4CCCC

# Backbone

Spurred originally by the East Bay regional committee, who early on recognized BAM's need for a hybrid solution to overcome the limitations of ARDEN in a network of this size, a different approach became an important new goal.

In response, BAM has been prioritizing its efforts during COVID to build out high-speed wireless backbone links using TDMA based radios/commercial firmware.

# SLPnet Grant (fiscal sponsorship)

**Date: November 2021**          **Amount: $147,144**

The Sierra-Lassen-Plumas Interoperability Network ("SLPnet") is an effort to build a wireless common backbone for multiple emergency, public life safety, and amateur radio users.

This will be a hybrid unlicensed/licensed microwave network between underdeveloped mountain top locations, such as fire lookouts. The project will be implemented and supported by amateur radio operators.

# What is new?

**Tim Wilkinson KN6PLV**

We are happy to announce that as of May 23, 2022, Tim has

agreed to serve as a member of the SFWEM Board of Directors.


Tim is the author of great hits such as LQM, Compass and

Migrating to BATMAN and MeshMonitor!  And as part of the

AREDN development team he has contributed numerous critical

patches to the project.

# What do we want to do?

- Communicate better with our community of volunteers

- Complete deployment of more backbone links

- Develop networking strategies that scale