



Cathay January 2026

www.cathayradio.org

President North: Leonard Tom, NX6E [email:nx6e@sonic.net](mailto:nx6e@sonic.net)

Vice President South: Bill Fong, W6BBA - [email:w6bba@arrl.net](mailto:w6bba@arrl.net)

Secretary/Membership: Rodney Yee, KJ6DZI - [email:rodyee2000@yahoo.com](mailto:rodyee2000@yahoo.com)

Editor: Rodney Yee, KJ6DZI - [email:rodyee2000@yahoo.com](mailto:rodyee2000@yahoo.com)

Treasurer: Rodney Yee, KJ6DZI - [email:rodyee2000@yahoo.com](mailto:rodyee2000@yahoo.com)

Web Master: Edison Fong – WB6IQN - [email:edison_fong@hotmail.com](mailto:edison_fong@hotmail.com)

Mission: The Cathay Amateur Radio Club is basically an active social club of Ham Radio Operators and their spouses. We support local community requests for HAM emergency communications. Several of us are trained in CPR/ First Aid and are involved with community disaster preparedness.

Monday Night Net Time: 9 PM Local Time/PST, As of 8/21/2023 we are switching over from using Repeater: WB6TCS to **Nick Cassarino's Repeater: WA6GEL UHF 444.800 Mhz, Offset +5 Mhz, CTCCS/Tone PL 179.9 Hz on Monument Peak, Milpitas. If you are in the North Bay, one can use the WA6GEL repeater North Bay located on Mt. San Bruno - 444.8 MHz offset +5 Mhz, CTCCS/Tone PL173.3 Hz**

The CARC Monday night net is the best way to find out the latest club news. All check-in are welcome.

Message on Behalf of the President: Leonard Tom, NX6E

Hello CARC Members and Friends;

Wishing you all had a very Merry Christmas and Happy New Year!

Many thanks to both Nick Cassarino for the use of repeater – WA6GEL for our CARC Monday Night Net.

Additional folks are needed to help out with conducting the CARC radio net on Monday nights. Please contact Ed Fong (edison_fong@hotmail.com) if you are interested.

I wish to thank our CARC members that set aside their valuable time to participate in our Monday night's nets.

Special FARS Winter Banquet – Friday, February 27, 2026 Announcement

Our sister HAM Club, Foothill Amateur Radio Society (FARS) is hosting their Winter Banquet and guest speaker. Additional details and signup at bottom of this newsletter.

The **Tech Article Section** has been replaced with pictures from Ed Fong's Annual CARC Christmas Party.

CARC Final News Wrap Up

Chat sub s'em to all you CARC members! - Leonard Tom, *NX6E*

Public Service Announcements

HAM CRAM / HAM Licensing

For upcoming HAM Licensing locations please refer to:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

Auxiliary Communications Service (ACS)

The Auxiliary Communications Service (ACS) is a unit of trained professionals who supply communications support to the agencies of the City and County of San Francisco, particularly during major events/incidents. ACS goals are the support of gathering and distribution of information necessary to respond to and recover from a disaster.

The ACS Net begins at 1930 hours (7:30 p.m. PT) local time each Thursday evening, on the WA6GG repeater at 442.050 MHz, positive offset, tone 127.3 Hz. The purpose of this net is to practice Net Control skills, practice checking in with deployment status in a formal net, and to share information regarding upcoming ACS events. Guests are welcome to check in. ACS members perform Net Control duty on a regular basis. On the second Thursday of each month, the net is conducted in simplex mode on the output frequency of the WA6GG repeater, 442.050 MHz no offset, tone 127.3 Hz.

ACS holds its General Meetings on the third Tuesday of each month from 1900 hours to 2100 hours local time. Currently meetings are exclusively conducted over Zoom during the COVID-19 pandemic, ACS looks forward to meeting in person again as soon as possible.

Upcoming meeting dates in 2025 / 2026 are:

- January 21, 2026
- February 18, 2026
- March 18, 2026

Location of in person future ACS meetings are yet to be determined as the regular location is under reconstruction. All interested persons are welcome to attend. For further information contact Corey Siegel KJ6LDJ <kj6ldj@gmail.com>.

For more information, please attend an ACS meeting, check in on the ACS radio net, or call 415-558-2717.

Free Disaster Preparedness Classes In San Francisco – NERT Taught by San Francisco Fire Department (SFFD).

<https://sf-fire.org/nert/nert-calendar-meetings-trainings-events>

Training Classes: see above website. TBD

+ Recertifications

TBD

***SFFD DOT** is the Fire Department Division of Training. All participants walking, biking or driving **enter through the driveway gate on 19th St.** between Folsom and Shotwell. Parking is allowed along the back toward the cinderblock wall.

Visit [**www.sfgov.org/sffdnert**](http://www.sfgov.org/sffdnert) to learn more about the training, other locations, and register on line. Upcoming Special NERT Events.

San Francisco Police Department: Auxiliary Law Enforcement Response Team (ALERT)

The Auxiliary Law Enforcement Response Team (ALERT) is a citizen disaster preparedness program designed. The ALERT program is for volunteers 16 years of age or older, who live, work, or attend high school in San Francisco.

Graduates of the San Francisco Police Activities League (P.A.L) Law Enforcement Cadet Academy are also eligible to join.

ALERT volunteers will no longer need to complete the Fire Department's Neighborhood Emergency Response Team (NERT) (www.sfgov.org/sfnert) training

and then graduate into two 8 hour Police Department course specifically designed for ALERT team members.

ALERT members will work closely with full-time and/or Reserve Police Officers in the event they are deployed after a disaster. The Basic ALERT volunteer will have no law enforcement powers other than those available to all citizens.

SFPD ALERT Training (New Members)

The next SFPD ALERT training class has been scheduled for: TBD

*Class date indicated are only for new members

IMPORTANT- All participants must complete the background interview process in order to be eligible to attend the ALERT training class.

Eligible ALERT participants may register for a training class by contacting the ALERT Program Coordinator, marina.chacon@sfgov.org, or by telephone at 415-401-4615.

SFPD ALERT Practice/Training Drill

All active/trained ALERT members are asked to join us for our next training drill, via scheduled for on TBD

For more information on the San Francisco Police Department ALERT Program, email us at sfpdalert@sfgov.org, or call Lt. Marina Chacon (SFPD Ret.), SFPD ALERT Program Coordinator, at (415) 401-4615.

For additional information on the web please refer to:
<https://sfgov.org/policecommission/alert>

Special Announcement: FARS Winter Banquet

The FARS Winter Banquet is Friday evening, February 27, 2026. The **Foothills Amateur Radio Society (FARS)** presents this ham radio event and fete. This annual event is open to anyone who wants to attend, but reservations are required. This meeting is an in person only (**NO Zoom Access**).

To sign up: <https://www.fars.k6ya.org/banquet/banquet2026/#signup>

The banquet location:

The Blue Pheasant
22100 Stevens Creek Blvd
Cupertino, CA 95014
408-255-3300

Menu prices for the 2026 FARS Winter banquet:

Choice	Menu Description	Price
Beef	Roast Prime Rib of Beef	\$ 61
Fish	Broiled Salmon w/ dill sauce	\$ 45
Chicken	Breast of Chicken Jerusalem	\$ 45
Veg	Pasta Primavera	\$ 45

Guest Speaker Topic and Presenter:

A Milestone in Fusion Energy
By Dr. Tammy Ma, Plasma Physicist
Lawrence Livermore National Laboratory (LLNL)

February 27, 2026 @ 6:00PM-10:00PM (NO Zoom Access)



Dr. Tammy Ma is our speaker for this event. Dr. Ma is director of the Nuclear Fusion group at the Lawrence Livermore. It was her group that achieved the world's first positive net energy from nuclear fusion.

A goal that scientists have been working on for the last 60 years. She was featured in 60 minutes (<https://www.youtube.com/watch?v=2kh6lk4-yag>) and is often on NPR explaining how this was achieved and what will be seen in the future.

This promises to be outstanding talk not only for engineers, but the folks interested in the present status of fusion technology.

Speaker Bio

Tammy Ma is an American plasma physicist who works on inertial confinement fusion at the Lawrence Livermore National Laboratory.

After postdoctoral research at the Lawrence Livermore National Laboratory, she joined the laboratory as a staff scientist in 2012.

She is currently the program element leader for High-Intensity Laser High Energy Density (HED) Science-Advanced Photon Technologies, and associate program leader for HED Laboratory Plasmas.

She also leads the Lab's Inertial Fusion Energy (IFE) Institutional Initiative. Dr. Tammy Ma currently leads the Livermore Institute for Fusion Technology (LIFT), which is accelerating the commercialization of fusion energy.

Raffle prizes for the FARS Winter Banquet

We shall have over a dozen prizes for the banquet raffle. Those prizes to be raffled at the banquet to be listed here.



Yaesu FT710 SDR HF Transceiver Outstanding SDR performance. Bandpass filters on every band; High Resolution 4.3 inch color touch display; Full color waterfall spectrum analyzer; Built in high speed antenna tuner; TX 1.8-54 MHz (amateur bands only); Accessories - SSM-75E hand mike; DC power cable.



Nano VNA - H4 4 inch 1.5 GHz VNA - Tuned antennas, duplexers, filters etc. Full touch screen. Latest version includes functions for TDR – time domain reflectometer. Includes cables and full calibration kit.



uSDX+ QRP HF transceiver Covers 160-6 meters – SSB, CW, digital QRP transceiver. 5 watts CW – 10 watt SSB. Built in CW decoder, full DSP noise reduction. Complete Description of prize.



DSO03D12 Portable Oscilloscope - 120 MHz dual trace scope with probes - features a built in DVM and signal generator



Radtel RT-860 1024 channels 2m/1.25m/70cm transceiver; full HF all mode receiver; preprogrammed with local channels



ATS-20 Receiver All Mode AM/FM/SSB/CW 100KHz-30 MHz - FM Stereo Receiver.



BaoFeng UV-5R x2 Dual Band VHF/UHF HT, 136-174MHz VHF (5W TX), 420-520MHz (4W TX), FM Broadcast, 128 channel memory, 1.8-Ah Li-Ion battery, drop-in smart charger



Flashlight Mil spec - 800 lumen aircraft aluminum LED flashlight, rechargeable 18650 3000mAh battery



JOC TG-77 Digital AM/FM/SW Pocket radio receiver



TBJ-1 Triband Antenna 146MHz/220MHz/440MHz

Pictures From The 2025 Annual CARC Christmas Party

Here are pictures from the Ed Fong hosted Annual Christmas Party at his home on Saturday, December 13, 2023 from 6pm – 10pm.

Looks a like about 60 folks attended the party throughout the night. Food was great.

George Martin WA6UUJ won the Oscilloscope (spectrum analyzer, DVM, signal generator).



