

Cathay April 2020

www.cathayradio.org

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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, Repeater: WB6TCS - RX 147.210, TX 147.810, Offset +0.6 MHz, CTCSS/Tone PL100 Hz

Please note: Repeater: N6MNV UHF 442.700 Mhz, Offset +5MHz, CTCSS/Tone PL 173.8 Hz in South San Francisco is cross linked every Monday Night Net at 9 p.m. to WB6TCS 2-meter repeater.

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

Message from the President: George Chong, W6BUR

Hello CARC Members and Friends;

Many thanks to Mr. Denis L. Moore – WB6TCS for the use of his repeater for our CARC Monday Night Net.

Transmittal of the Noval Coronavirus COVID-19

Since our last CARC newsletter, the novel coronavirus COVID-19 has changed the entire political and financial landscape of America. As to what comes next is anybody's

guess as the situation is developing very rapidly with daily televised briefing with the White House coronavirus task force. Please look to the daily news for updates on the coronavirus pandemic.

Many of us are just fed up with being bombard with the new of the coronavirus. However, if we allow the coronavirus to spread because we did not follow the guidelines, then we could be facing more draconian measures such as curfews and heavy fines for just stepping outside our homes.

We are all in this pandemic crisis together and must do our part by adhering to the shelter in place orders, practice social distancing, and practice proper hygiene (washing of our hands and disinfecting of surfaces).

A very good article on what is believed on how the COVID-19 virus is transmitted, please see link: <https://www.vox.com/the-goods/2020/3/23/21185927/face-touching-hard-to-stop-why-coronavirus>

In a nut shell, our eyes, nose, and mouth are believed to be the primary portals for the novel coronavirus – COVID-19. Typically, we either come in direct contact with the novel coronavirus virus on a surface and transfer it when we unconsciously touch our face or when we have a face to face contact (within 6 feet) encounter and the virus is inhaled.

An early indication of early novel coronavirus infection in some cases may be the loss of both smell and taste senses: <https://time.com/5809037/coronavirus-sense-of-smell-taste/>

On the emotional issues of N95 Respirator / Surgical Mask use by the public, the Centers for Disease Control and Prevention (CDC) does not recommend that the general public wear N95 respirators to protect themselves from respiratory diseases, including coronavirus (COVID-19).

Please refer to the link:

<https://www.fda.gov/medical-devices/personal-protective-equipment-infection-control/n95-respirators-and-surgical-masks-face-masks>

However, just recently I have gone by San Francisco restaurants which are accepting take-out orders, they will not allow let folks to enter their place who are not wearing some kind of protective mask. Even on some airlines, passengers are requested to wear a surgical mask. Many people seen walking in the Bay Area are wearing masks.

So those of you that choose to wear a protective mask, please refer to the last page of this newsletter on the CDC guideline use of surgical mask and a N95 respirator. Note that both mask types are considered single use and that explains why Health Care Professionals in hospitals are constantly changing out and disposing their surgical mask/N95 respirator many times during the day.

As far as the nationwide shortage of N95 respirators is concerned; the good news is that production of those items is being ramped up and that the FDA just approved the new Battelle decontamination system for reusing N95 mask.

The decontamination system uses concentrated hydrogen peroxide vapor, the filters are gassed for two and a half hours to destroy bacteria, viruses and other contaminants, including the novel coronavirus, and the SARS-CoV-2. According to the Battelle company their new decontamination system can clean the same N95 respirator/mask up to 20 times without degrading its performance.



N95 respirators staged for decontamination inside Battelle's critical care decontamination system in West Jefferson, Ohio. Each system can clean up to 80,000 masks per day. (Photo: Provided by Battelle Memorial Institute)

Post CARC Chinese New Year Luncheon Write Up Introduction

On a less serious note, it looks like we were super lucky with our timing of holding the Annual Chinese New Luncheon on Saturday March 7, 2020 before the novel coronavirus – COVID-19 really took hold in the Bay Area and across the entire US. Since then all those that attended have been free of the novel coronavirus – COVID-19.

Many thanks to the CARC attendees to help us celebrate the Chinese New Year.

Additional details and pictures are in this newsletter.

Additional Thoughts

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

Chat sub s'em to all you CARC members! - George W6BUR.

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) was organized by the San Francisco Office of Emergency Services (OES) following the 1989 Loma Prieta Earthquake to support the communications needs of the City and County of San Francisco when responding to emergencies and special events.

The Auxiliary Communications Service holds General Meetings on the third Tuesday of each month at the San Francisco Emergency Operations Center, 1011 Turk Street (between Gough Street and Laguna Street), from 1900 hours to 2100 hours local time. All interested persons are welcome to attend.

The ACS Net begins at 1930 hours (7:30 p.m.) 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 should perform Net Control duty on a regular basis. On the second Thursday of each month, the net will be conducted on the output frequency of the WA6GG repeater, 442.050 MHz no offset, tone 127.3 Hz, simplex.

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

Upcoming meetings: TBD

Gilbert Gin (KJ6HKD)

Free Disaster Preparedness Classes In Oakland:
<http://www.oaklandnet.com/fire/core/index2.html>

CORE is a free training program for individuals, neighborhood groups and community-based organizations in Oakland. The underlying premise is that a major disaster will overwhelm first responders, leaving many citizens on their own for the first 72 hours or longer after the emergency.

If you have questions about the recertification process, you may contact the CORE Coordinator at 510-238-6351 or core@oaklandnet.com.

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

<http://sf-fire.org/calendar-special-events>

Upcoming events 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 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**. The class will be held at the San Francisco Police Academy, in the parking lot bungalow, from 8am-5pm (one hour lunch break) on Saturday.

* 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 at sfpdalert@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, scheduled for on **TBD** from 9 AM – 1pm. Details will be emailed to active ALERT members, prior to the date of the exercise. Participation is not required, but strongly encouraged.

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>

Recap of Annual CARC Chinese New Year Luncheon

By Rodney Yee – KJ6DZI

March 31, 2020

On March 7, 2020 the CARC held its Annual Chinese New Year Luncheon at the restaurant: “The One” formerly known as “Kome”.

Our club Chinese New Year luncheon turnout was light, a total of 15 people participated out of the 35 folks that originally signed up. Many of the CARC members decided at the last moment to drop out of the luncheon in an effort to stay away from crowds to avoid any chance of catching the novel coronavirus – COVID-19.



Left to right: Hetty Chong - WB6SHU and George Chong – W6BUR

“The One” restaurant’s entire banquet backroom with the capacity of 150 people remained empty with the exception of our CARC club. Apparently, there were multiple time slot cancellations for the backroom due to concerns about becoming infected with the novel coronavirus

Yes, our club had exclusive use of the banquet room. The restaurant manager Sammi graciously allowed an additional 2 hours for our club to enjoy eating and talking with each other. Our luncheon time lasted a total of 4 hours from 11am-3pm when it should have been terminated at 1pm.

From the pictures of our group and banquet room, you can see the many empty tables, so we really had room to really stretch out. The remaining portions of the restaurant had a light customer attendance.



Left to right: Skip Weiss - KG6SCE and Denise So



Ralph Kruger – KC6YDH

Contrary to some of the poor reviews on Yelp, we found the food to be absolutely delicious and as good if not better than the former Kome restaurant. The menu was similar to the former KOME but with some nice improvements. There was a much larger choice of soups that were very tasty.

For the hot prepared food trays, the brisket of beef was just outstanding and had many of club members going back for seconds. Even Ed Fong - WB6IQN, was impressed with the brisket of beef tenderness and wonderful flavors. There was a similar variety of Asian style pre-cooked tray from roasted pig, Peking duck, shrimp and so forth.

The Sushi food area is very similar to the former Kome restaurant but the hot food has some interesting differences.



A blurry picture of Ed Fong - WB6IQN, holding his 2nd helping of the delicious brisket of beef that is to die for!

Due to the light luncheon attendance, Ed Fong decided to reduce the raffle to two smaller prizes and generously gave out free of charge raffle tickets to all the attendees.

1st raffle prize winner of the COB pop up light was Howard Louie – N6MNV

2nd raffle prize winner of the LED Area Work Light was – Gordon Yee – KI6UH

Many thanks to Ed Fong - WB6IQN for his generous donation of the two prizes for the free raffle.

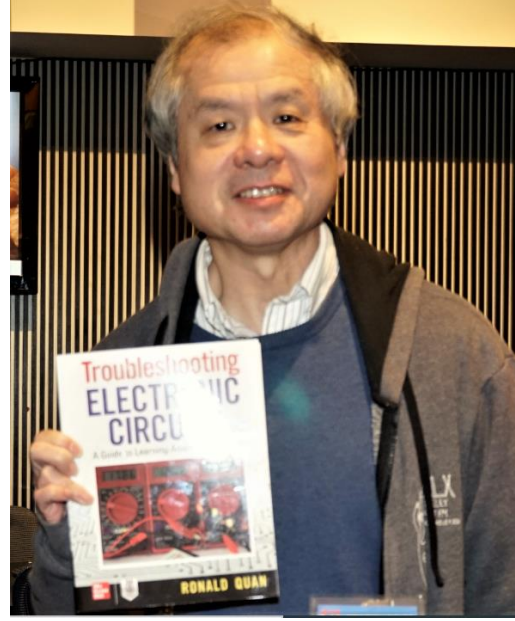
The CARC club is very grateful for the tireless energy and patience of both Lavinda Han – KJ6WGV and Denise So for rolling up their sleeves and taking care of the handing out of badges, collection of money, making change, and settling up the monies owed with the restaurant management.



Left to right Lavinda Han – KJ6WGT and Denise So checking off the names of the CARC attendees who preregistered, issuing out of ID name tags, and managing all the administrative tasks to reconcile payment with the restaurant management.



Howard Louie - N6MNV, with his newly won raffle prize a Chip On Board (COB) LED pop up lantern. Note the empty seats behind him



Ron Quan - KI6AZB, holding up his newly written and published book: Troubleshooting Electronic Circuits.



Gordon Yee - KI6UH displaying his new won raffle prize: compact LED work light



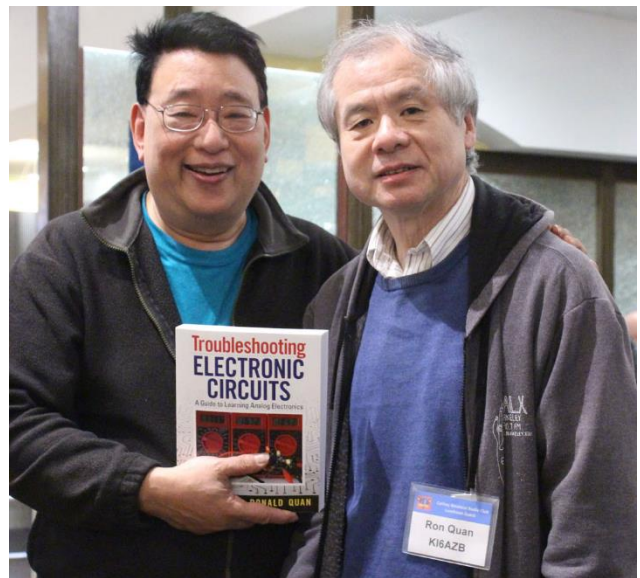
Mike Yamamoto – KI6OID



Left to right: Dave Chan – WZ6X, George Chong – W6BUR, and Hetty Chong-WB6SHU



Bernard Louie – K6KBL



Left to right Rodney Yee – KJ6DZI holding Ron's latest book and Ron Quan – KI6AZB

For those lucky folks in attendance such as myself, I had the golden opportunity to have a one on one with Ron Quan to given a quick chapter by chapter description of his latest book: Trouble Shooting Electronic Circuits. I can tell you folks based upon first hand

review of Ron's latest book that it is just awesome and can be understood by most folks that have some electronics experience.



Sammi – “The One” Restaurant Manager who gave our club first class treatment, complimentary beverages and allow us to stay past the 2 hour limit (until 3pm).



Denise So enjoying some delicious noodles and wonton with side of brisket of beef.



Left to right clock wise foreground: George Chong – W6BUR, Hetty Chong – WB6SHU (obscured), Ralph Kruger – KC6YDH, Dennis Lee – AH6KD, Ed Fong – WB6IQN(obscured) and Howard Louie – N6MNV



Left to right clockwise: David Chan - WZ6X, Hetty Chong-WB6SHU and George Chong - W6BUR

Note the empty tables at the end of the luncheon that were never occupied.

It has been over 3 weeks since the luncheon, I am pleased to report that as far as both I and Ed Fong know: all those folks that attended the CARC Annual Chinese New Year Party on March 7, 2020 that none of them came down with the novel coronavirus – COVID-19.



Raffle prizes bought by Ed Fong - WB6IQN



Left to right: Skip Weiss - KG6SCE and Ed Fong - Edison Fong – WB6IQN. Skip was so impressed with the Laptop that he bought it from Ed Fong.



Denis Lee – AH6KD



Gordon Yee – KI6UH, summing up the eating experience at the “The One” restaurant as he is enjoying the delicious shrimp!



Foreground: Ron Quan - KI6AZB standing amidst all the empty tables.

Stay Safe and Stay Healthy - Rodney Yee – KJ6DZI

Understanding the Differences Between Surgical Mask and N95 Respirator

<https://www.cdc.gov/niosh/nppt/pdfs/UnderstandDifferenceInfographic-508.pdf>

	 Surgical Mask	 N95 Respirator
Testing and Approval	Cleared by the U.S. Food and Drug Administration (FDA)	Evaluated, tested, and approved by NIOSH as per the requirements in 42 CFR Part 84
Intended Use and Purpose	Fluid resistant and provides the wearer protection against large droplets, splashes, or sprays of bodily or other hazardous fluids. Protects the patient from the wearer's respiratory emissions.	Reduces wearer's exposure to particles including small particle aerosols and large droplets (only non-oil aerosols).
Face Seal Fit	Loose-fitting	Tight-fitting
Fit Testing Requirement	No	Yes
User Seal Check Requirement	No	Yes. Required each time the respirator is donned (put on)
Filtration	Does NOT provide the wearer with a reliable level of protection from inhaling smaller airborne particles and is not considered respiratory protection	Filters out at least 95% of airborne particles including large and small particles
Leakage	Leakage occurs around the edge of the mask when user inhales	When properly fitted and donned, minimal leakage occurs around edges of the respirator when user inhales
Use Limitations	Disposable. Discard after each patient encounter.	Ideally should be discarded after each patient encounter and after aerosol-generating procedures. It should also be discarded when it becomes damaged or deformed; no longer forms an effective seal to the face; becomes wet or visibly dirty; breathing becomes difficult; or if it becomes contaminated with blood, respiratory or nasal secretions, or other bodily fluids from patients.