

Cathay October 2019

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.

Silent Key:



Bill K. Tom - KN6QD, distinguished and long time CARC member; on Tuesday September 10, 2019 peacefully passed away at home under the loving care of his wife (Linda – retired nurse) at the age of 95 years old.

Bill was a WWII veteran that served in Europe. He was drafted in 1943 and served as a medic with the 17th Airborne Infantry and even trained as a combat infantry rifleman.

Bill was with the US occupation army stationed in divided Berlin, Germany from 1945 to 1946. In recognition of his medical aid to both US and German wounded soldiers and his outstanding organizational

abilities he was promoted to the rank of Sergeant.

Upon discharge in 1946, Bill used the GI bill to attend the University of California School of Pharmacy and became a successful pharmacist. He was instrumental in the development of the pharmaceutical data base that is in use today. When you pick up your prescription, all the drug information that is provided to you is generated from his pharmaceutical data base.

Upon retirement at age 70, in 1994 Bill Tom took the HAM test and got his HAM License and eventually became an Extra licensed HAM. His earlier studies of engineering at MIT stayed with him and served him well in his later years.

Bill Chin - KC6POF writes:

I first met Bill in the 1990's and he was very active in our HAM club (CARC). I remember back in 2000 during a CARC event he won the then 12 mega pixel camera Sigma SD9 camera. He was a great contributor to the CARC newsletters with his very well written medical columns.

Bill was very generous with his mentoring to other HAMs. He even gave his VIBROPLEX Morse code key to the editor of our CARC newsletter letter (Rod Yee - KJ6DZI). If anybody knows what happened to his WWII vintage German Morse code key please email (rodyee2000@yahoo.com), his family would like to know what happened to it.

Bill is survived by his wife: Linda; children: Katherine, Jacqueline, William, and Warren; sister: May Chan, and his many grandchildren, nieces, and nephews.

Bill's funeral was attended by well over 100 family members and friends. His granddaughter: Ashlyn Tom performed a musical tribute with her flute. Her musical selection was "Wind Beneath My Wings" and there was not a dry eye in the house.

Another musical tribute performed was "Always with Me / Spirited Away" was skillfully performed by his granddaughter: Sherilyn Tom. Bill's family did a wonderful sendoff for him that would make would make him proud.

It was at the funeral did I learn that Bill was a man of many talents: he was into oil painting, handing multiple newsletters as editor, pleasure writing, playing his banjo and harmonic, mentoring, HAM activities, coordinating various reunions, and many more. It's like he lived several life times in his all too short 95 years on this earth.

For additional information about his time in the US Military see the follow:
http://www.usairborne.be/Biographie/bio_us_tom.htm

Save The Date: Monday, November 11, 2019 – Veteran Day Luncheon

Please mark your event calendars and join us for the CARC annual luncheon celebration of Veteran's Day, 11am – 1pm on Monday November 11, 2019 at the restaurant below:

Buffet Fortuna
800 Broadway Street
Oakland, CA 94607
(510) 839-1688 web address - <http://www.buffetfortuna.com/>

The restaurant is an all you can eat American, Japanese and Chinese seafood buffet style food. The cost is \$11.99 per person and for seniors (62+) it is \$10.99. All soft drinks, coffee and tea are included with the price plus tipping is optional. The dining time is limited to 2 hours, however have never seen it enforced for the luncheon period. Of course, it does help a lot that CARC member Gilbert Gin, (KJ6HKD) is planning on attending and he has considerable influence with the restaurant owners. I am usually stuffed to the gills within the first hour of eating the delicious food. It is truly a bargain value luncheon.

Tech Session Write Up Summary

On September 14, 2019 CARC member Ed Fong -WB6/QN is hosted a Tech Session on the topic of the new and latest FT-8 Digital Radio Mode.

It was very well attended by local HAMs wanting to learn more about FT-8. Please read the full write up on the event by Edison Fong.

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: Tuesday 7pm, October 15, 2019
.....Tuesday 7pm, November 19, 2019

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

October 2019

11,12,13 Fleet Week Humanitarian Assistance Village NERT Info Booth

12 2MCM Ham Radio practice
No RSVP needed. Meet at Spreckels Lake in Golden Gate Park at 10am

19 NERT Citywide Drill, NERT graduates and victims needed
SAVE THE DATE

November 2019

6 NERT Quarterly Meeting - all NERTs welcome

9 2MCM Ham Radio practice
No RSVP needed. Meet at Spreckels Lake in Golden Gate Park at 10am

16 NERT Training Day - Third Saturday
Featured Trainings:
Coordinators Corner - for Neighborhood Coordinators and those interested
TBD
TBD

December 2019

14 2MCM Ham Radio practice
No RSVP needed. Meet at Spreckels Lake in Golden Gate Park at 10am

21 NERT Training Day - Third Saturday

Featured Trainings:

Coordinators Corner - for Neighborhood Coordinators and those interested

TBD

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 first complete the Fire Department's Neighborhood Emergency Response Team (NERT) (www.sfgov.org/sfnert) training and then graduate into an 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 who have not completed either SFFD NERT training or the SFPD Community Police Academy.

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, Mark Hernandez, 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 Saturday November 2,2019 (Night Drill). 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 Sergeant Mark Hernandez (SFPD, Ret.), SFPD ALERT Program Coordinator, at (415) 401-4615.

For additional information on the web please refer to:

<https://sfgov.org/policecommission/alert>

CARC Editor's Blog

by Rodney Yee KJ6DZI Date 10/3/2019

I accidentally stumbled upon one of the best San Francisco free deals around when I attended the Oracle world Conference – September 16-19, 2019.

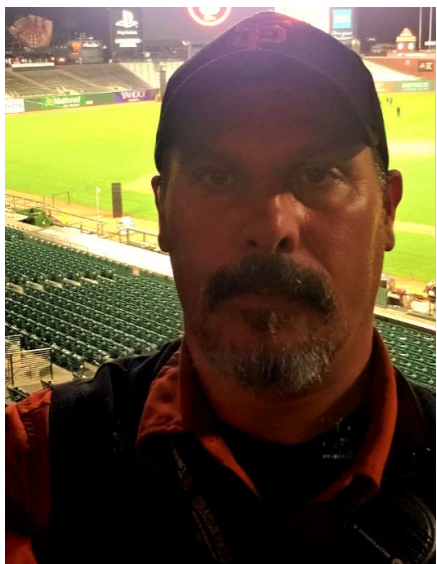
On Monday 7:30 pm September 16, 2019, I attend the Oracle Movie Night at Oracle Park and I got a golden opportunity to sit out on the Oracle Park baseball outfield to watch the Movie Mission Impossible - Fallout on the new high definition video screen that is 70' x 153". The sound system was perfect as was the windless night.

To enhance the experience and follow up on the Fallout movie's climatic helicopter scene, there was a full-scale Huey UH1 helicopter on the outfield dirt track. We were all invited to get on the Huey helicopter and have our pictures taken. Unfortunately, I did not think to bring my heavy Nikon camera nor did I expect to use it.

As the fate smiled upon me, there was a very nice and exceptional Oracle Park Guest Services Employee; **Mr Larry Stone** that came to my rescue and generously offered to take my pictures on his personal cell phone and email them to me.

Larry suggested various photo ops around and in the Fallout helicopter, and took several pictures of me. Larry turns out is a huge aviation enthusiast just like me and told me stuff about the helicopter that I did know.

Below are a few of my favorite pictures, it just does not get any better of a magical experience of that very special night.



The very thoughtful and kind Mr. Larry Stone of Oracle Park Guest Services, that took my pictures



My favorite picture of your CARC Editor – Rodney Yee – KJ6DZI pretending to operate and make radio contact with the Fallout helicopter to save the world from nuclear disaster just like Tom Cruise in the Mission Impossible – Fallout Movie.



In pilot's seat waving



Standing on the edge of the passenger compartment

I can not express how much I appreciate Mr Larry Stone's generosity and kindness toward me and to all the quest at Oracle Park to make every one's experience very pleasurable and memorable.

- Rodney Yee (KJ6DZI)

Tech Session Write Up

Ham Tech Session Wrap Up – Saturday Sept 14, 2019 By Edison Fong

The Tech Session was a real success with the weather cooperating. If we would have *met the day before (Friday Sept 13) it would have been really hot (90+ degrees)*. Fortunately, it was only in the 80's. It was warm but still tolerable.

The big hit was Leonard NX6E's talk on FT-8 and his live demo. I was vaguely familiar with FT-8 prior to Leonard's talk. Although there is ample information on the internet on how to operate FT-8, there is very little information on how FT-8 works. Granted it is very complicated but even finding down to earth explanations of Stochastic Processing that I can comprehend is challenging. After all, the FT-8 approach (signal processing in noise) was developed by Nobel Prize recipient (1993) Prof. John Taylor K1JT of the University of Massachusetts Amherst.

The reason I asked Leonard to give the talk was I was baffled on how little information I could find on the theory behind FT-8 on the internet. Leonard spent hours trying to dig out information he could find on the internet on how FT-8 works. Topics like FEC (forward error correction), Costas array, stochastic processing, etc. are more engineering topics than HAM radio topics.

He gave a live demo and folks were absolutely amazed. If you missed his outstanding talk, the Foothill Amateur Radio Club has invited him to give his presentation in the near future.

I counted 58 attendees that consumed 9 large Pizzas, 15 pounds of Lasagna, all kinds of desserts (including a ½ sheet chocolate mousse cake), 80 cans of soda and water.

Here is the summary of the raffle.

Grand Prize: Lenovo i5 laptop of 8GB RAM 500 GB hard drive - Paul Lazar KN6DHY

2nd Prize: Radioddity QB25 Quad Band Mobile: - Paul Lazar KN6DHY

3rd Prize: NANOVNA 50 KHz to 900 MHz network analyzer - Dave Chan NC6D

4th Prize: Baofeng UV5R dual band handheld - Cliff Lloyd KN6DH

5th Prize: Digital DVM - Leonard Tom – NX6E

6th Prize: Pro Lux 5 watt LED flashlight - Rich Quaife K6SPZ

7th Prize: USB 5A Hr Solar Pack - Bob Yee W6VVQ



Left to right:- Paul Lazar KN6DHY being presented with Grand Prize - Lenovo i5 laptop of 8GB RAM 500 GB Hard Drive by Ed Fong - WB6IQN



Left to right: Paul Lazar KN6DHY holding Radioddity QB25 Quad Band Mobile and Ed Fong - WB6IQN



Left to right: Ed Fong - WB6IQN and David Chan - NC6D after being presented with his newly won raffle prize: NANOVNA 50 KHz to 900 MHz network analyzer



Left to Right: Cliff Lloyd KN6DH with Baofeng UV5R dual band handheld, and Ed Fong - WB6IQN



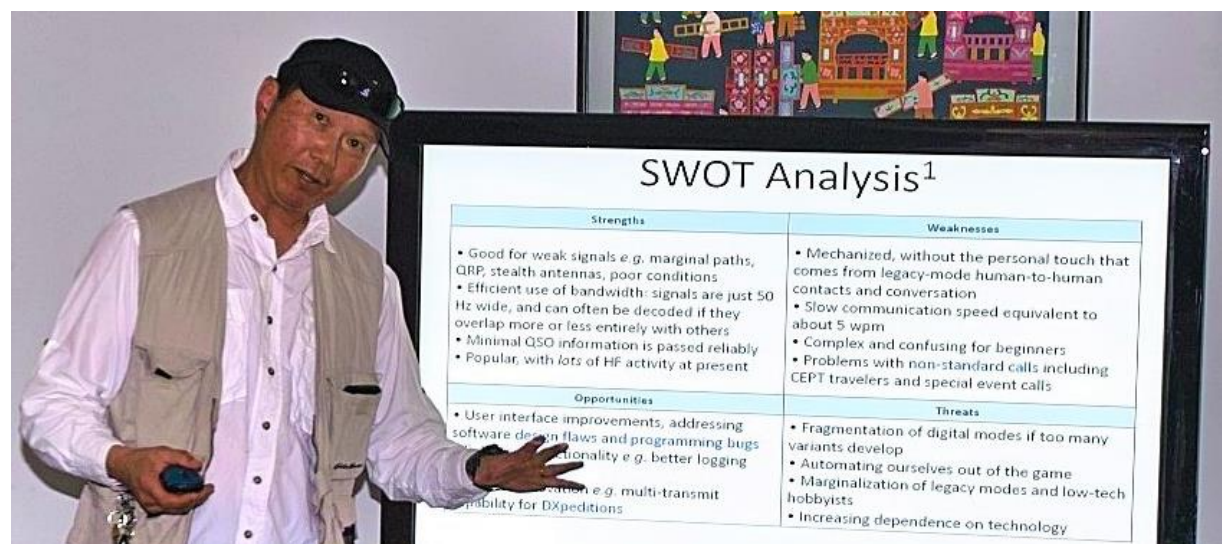
Left to right: Ed Fong - WB6IQN and Leonard Tom – NX6E with Digital DVM



Left to right: Rich Quaife K6SPZ holding Pro Lux 5 watt LED flashlight -and Ed Fong - WB6IQN



Left to right: Bob Yee - W6VVQ and Ed Fong - WB6IQN upon winning 5AH Solar Power Pack.



Leonard Tom – NX6E during his presentation on FT-8



Attendees during Leonard Tom – NX6E talk on FT-8



Left to right: Charlie Morrin - KI6FXV, Paul Lazar KN6DHY (winner of the grand prize), and David Wolf



Left to right: Ed Fong - WB6/QN and Bernie Louie (analog engineer)



Group picture of attendees



Thomas Leibold – KK6FPP



Gilles Van Ruymbeke (analog engineer)



Karen Misenhimer - KK6NGA, a very kind lady with Pizza and a stack of empty Pizza boxes in the background.



Wayne Lake - WD6DZS



Left to right: JoAnne Dilley -K6YL and Jim Fahy - N6WKY



Lady from Cupertino ARES

The best picture for last – The Dessert



Dessert Table at the Ham Tech FT-8 Event

Ed Fong - WB6IQN