



Cathay June 2018

www.cathayradio.org

President: George Chong, W6BUR email: W6BUR@comcast.net

Vice President North: Leonard Tom, NX6E email: nx6e@hotmail.com

Vice President South: Bill Fong, W6BBA - email: w6bba@arrl.net

Secretary/Membership: Rodney Yee, KJ6DZI - email: rodyee2000@yahoo.com

Editor: Rodney Yee, KJ6DZI - email: rodyee2000@yahoo.com

Treasurer: Vince Chinn aka Mingie, W6EE - email: vince@vincechinncpa.com

Web Master: Edison Fong – WB6/QN - email: 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,

~~Frequencies: 146.67MHz -600KHz PL85.4 and 442.70 +5MHz PL 173.8. The repeaters are linked only during the CARC Monday night net.~~

QSY Change to transmission on another frequency / Repeater:

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;

As many you are well aware that our normal Monday Night Nets using W6BUR Repeater has been running into heavy radio interference. Denis L. Moore – WB6TCS has come to our rescue and has generously allowed the CARC club to use his repeater: WB6TCS for our Monday night nets.

Until further notice, our Monday night nets will use Denis L. Moore's 2 meter repeater and Howard Louie's UHF cross Linked repeater.

Repeater: WB6TCS – Denis L. Moore

Location: Oakland, Oakland Hills County: Alameda State: California
RX 147.210 TX 147.810 Offset +0.6 MHz CTCSS/Tone PL 100 Hz

Repeater: N6MNV - Howard Louie

Location: South San Francisco County: San Mateo State: California
RX 442.700 TX 447.700 Offset +5 MHz CTCSS/Tone PL 173.8 Hz

Tech Section Introduction

The Tech Section Article have been pushed out to future issues of the CARC newsletter. And yes, those tech articles take a lot of research and time to write.

Of course CARC members are welcome to submit tech articles of interest for publication in our CARC newsletter.

ARRL Field Day June 23 - 24, 2018 Introduction

CARC member Ed Fong - – *WB6/QN* is hosting the 2018 Annual CARC / SARES ARRL field day at the Sunnyvale Fire Station # 2.

In case you are wondering, the Fairbrae Swim and Racquet Club location was not available on ARRL field day.

Additional information is provided toward the end of this newsletter.

Many thanks to Ed Fong for taking on the huge task of organizing and running the combined CARC / SARES ARRL Field Day event.

Other News

Several CARC members have requested that we change the CARC Monday Night Net time to an earlier time. They like an early time like 2030 Hrs. That would be a half hour sooner than the present time of 2100 Hrs.

Please email me W6BUR@comcast.net or when you are on the Monday night net express your thoughts as to your choice of having the CARC Monday Night Nets on either at 8:30 pm or 9:00 pm.

Needing an ELMER –

I bought a Vibroplex Lighting Bug Keyer # 267827 a few years ago at the Pacificon Swap meet and just set it on the bench. I would like to set it up and try to become proficient in using it.



I would like to find a local Elmer to help me set it up and work with me to begin using it. I would like to be able to drop in from time to time to see how you use your Vibroplex. Are you willing to be my new ELMER?

Let me know at aa6mk1@gmail.com or on this site.
VY 73,
Mike Kelly, AA6MK

CARC Final Wrap-up News

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, June 19, 2018
 Tuesday 7pm, July 17, 2018
 Tuesday 7pm, August 21, 2018
 Tuesday 7pm, September 18, 2018

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

June

- 9 2MCM Ham Radio practice
Spreckels Lake in Golden Gate Park - no RSVP needed
- 16 NERT Training Day - Third Saturday

July

- 14 2MCM Ham Radio practice
Spreckels Lake in Golden Gate Park - no RSVP needed
- 21 NERT Training Day - Third Saturday

August

- 11 2MCM Ham Radio practice
- 18 NERT Training Day - Third Saturday

September

- 8 2MCM Ham Radio practice
- 12 NERT Quarterly
- 15 NERT Training Day - Third Saturday
- 29 SFPD ALERT

October

- 13 2MCM Ham Radio practice
- 20 NERT Citywide Drill, NERT graduates and victims needed

RSVP to sffdnert@sfgov.org or call 415-970-2024 to register.

***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 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

The next SFPD ALERT training class has been scheduled for Saturdays, June 2, 2018 and September 22, 2018. 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 dates indicated in red 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 an evening on 9:00 am – 1:00pm Saturday May 5, 2018 and August 4, 2018. 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:

<http://sf-police.org/index.aspx?page=4019>

The 2018 Annual CARC / SARES Picnic - ARRL Field Day

By Ed Fong - WB6IQN

Date : Saturday June 23 – starting at 12 PM (setup 10AM) - dinner is at 5PM

Where: Sunnyvale Fire Station 2 - corner of N. Wolf Rd and Arques Ave. in Sunnyvale
Address: 795 E Arques Ave, Sunnyvale, CA 94085

For further directions - just enter *Sunnyvale Fire Station 2* in *Googlemaps*

Cost: Free to all CARC / SARES Members, family and friends

Raffle tickets: - \$5 each

RSVP: edison_fong@hotmail.com

Hi CARC members and friends:

This year we will have our ARRL Field Day once again at Fire Station 2 in Sunnyvale, no charge. You can spend the night there if you wish. The City of Sunnyvale has given us full access for 24 hours (including spending the night). Please bring your kids, neighbors, grandkids, nieces, nephews, co-workers, etc.

Fire Station 2 is both an active fire station as well as the training facility to train all new fire recruits in Santa Clara County. We will have access to the training classroom, the kitchen and the break room. There are plenty of tables and chairs (all in the shade). There is full service WiFi. There is also a full service bathroom. There is limited parking at the actual site. If it is full, please park at the Lowe's across the street or use street parking.

We will operate 2A on both SSB and CW.

Please either bring a side dish (optional) or just buy more raffle tickets for the great prizes. The club will provide for all the main dishes and desert. We will have lots of fun getting together for this annual event.

We will start serving dinner at 5PM. The menu consist of –

- 1/3 lb Sirloin burger with all the trimmings
- Variety of salads
- Variety of chips
- Variety of drinks
- The famous chocolate mousse cake and vanilla ice cream for desert

The raffle of prizes will begin after dinner – This year we will have the new Triband mobile radio from BTECH. We will also have a Windows 10 laptop and the famous County Comm GP5 HF SSB SDR receiver. What club can boost prizes like that?

Fire Station 2 photos





1st Prize – HP Elite 8470p Laptop

1st Prize: HP Elite 8470p—14 inch Professional Laptop - CNET rated this laptop a 4.5/5.

HP – quote:

“The HP EliteBook 8470p blends modern design and precision engineering, yielding a beautiful product with a platinum color finish. The business rugged design means this laptop can withstand the rigors of business travel.

Additionally, the HP EliteBook 8470p passes rigorous MIL-STD 810G testing for vibration, dust, altitude, temperature and drops”.

PC – Magazine Review:

“Strictly speaking, the HP EliteBook 8470p (\$1,499 direct) is a business-class laptop. But that classification doesn't cover all of its capabilities.

The EliteBook 8470p is a versatile all-around performer armed with enough firepower to double as a multimedia powerhouse and, to a lesser extent, gaming rig. For the most part, these attributes makes this computer a good system for anyone looking to work during the day and play by night.

Ed Fong – Review:

This laptop really hums. I tested it with downloading real time *ABC.COM* HDTV and it was only at 48% CPU. *Youtube* full motion video was only 20% CPU. So there is plenty of power to spare.

The laptop features:

- Intel Core i5-8470P Processor (2.53-GHz, 3MB L3 cache)* Up to 3.06 GHz with Intel Turbo Boost Technology
- Window 10 operating system
- 4GB of DDR3 ram (upgradable to 8GB) - 320 GB hard drive
- DVD reader/burner, SD reader slot, 4 USB ports
- Line in and headphone jack (most low end computer no longer have line-in)
- HDMI output



2nd Prize Baofeng UV25x4

2nd Prize: Baofeng's UV25 x4 new Triband Mobile 25 watt transceiver. This radio boast 200 memories, full software programmability, great bullet proof front end with 0.25 uV sensitivity, full FM broadcast radio, direct microphone key pad entry, and more.

If you have been looking to get on 220 MHz, this is the latest and greatest. You will be a proud owner of one of these radios. Radio will come fully programmed to 60+ Bay Area Repeaters - Start enjoying 220 MHz.

The Frequency coverage:

- 65-108 MHz – FM broadcast – receive only
- 136-174 MHz – VHF – TX/RX
- 210-230 MHz - TX/RX
- 400- 520 - MHz - TX/RX

Full CTSS and DCS coding

Direct frequency from the mike or by software

Power – 10/25 watt (user programmable)



3rd Prize: Countycomm GP5/SSB

3rd Prize: Countycomm GP5/SSB the latest and best portable hand held HF SSB receiver in the world. Fully software defined using the SiLabs 4734 DSP chip.

Has software defined product detector and DSP SSB filters for true LSB and USB and 450 memories.

Frequency Coverage –

MW/ AM: 520 – 1710 kHz (10K tuning step)

SW: 1.7-30 MHz AM/SSB/CW (with DSP SSB filters)

LW frequency: 150 – 522 kHz AM/SSB/CW

FM: 76 – 108 MHz – stereo

- Displays ambient temperature in Fahrenheit or Celsius
- Operating time: 225 hrs at 40% Volume
- LCD Backlight

Accessories include: Stereo earphones, external AM ferrite antenna, external shortwave antenna, soft carrying pouch, and user manual

Other great prizes –



Lux Pro LED flashlight - The claim is that this is brightest flashlight in the world that runs on two standard D batteries.

Come and check it out, it is really bright.

Great for your home or car.

It boost three mode (hi beam, normal, flashing).

Fully waterproof, it uses the CREE XP-G2 R5 LED (brightest LED in the world for its class)



USB Smart Power Pack – 10 AMP/Hr Power Pack. This USB power pack can be used for any variety of applications – from powering your HT, cell phone, amplified speaker, etc.

When a charging plug is not available, it has a 2.5 x 4 inch solar panel as a backup.

I tried it and like all solar panels, it must be in direct bright sunlight to charge.

NO - you just cannot let it sit on your desk with the ambient light and expect it to charge. It must be in direct sunlight.

It is good for about 4 Apple iPhone charges.

It also has a built in LED flashlight

There are several other great raffle prizes, come and see for yourself.

- Ed Fong - WB6IQN