



THE COASTSIDE COMMUNICATOR

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NOVEMBER 2020

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Halloween, cancellation of Daylight Savings Time and Elections are upon us! Hopefully, you will all make plans for a safe pandemic-free get together with family and friends for the Thanksgiving holiday.

I wish to thank Ralph/KC6YDH for a highly informative presentation at our last meeting on Digital Mobile Radio. I would encourage other club members to present topics of interest in future meetings.

Do not forget to join us for the upcoming Zoom meeting on November 11th where we will elect our CARC directors for the coming year. As I stated in last month's column, I propose to have an exceptionally smooth nomination process and election and transfer for the club this year, so let all of us do our best to take part in the process.

73's *Dave Lawrence, KF6TWW.*

OCTOBER MEETING MINUTES

Call to Order

The October 14, 2020 meeting was called to order at 7:32pm by: President Dave Lawrence-KF6TWW, on Zoom Video Meeting.

Self-introductions

Introductions by members in attendance.

Minutes

Motion made by Jon Lancelle-K6SJF and seconded by Paul Atkins-AI6BB to approve the September minutes as posted in *The Coastside Communicator*.

Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Funds

The Treasurer, Frank Erbacher-N6FG reported no changes in finances. Frank stated he has concerns that there are not enough funds in the Repeater Fund to complete the project.

Note: A synopsis of the club financial status, as provided by Frank/N6FG post meeting, is presented following these minutes.

MEMBERSHIP – No Report

Bills needing approval – None Reported

Correspondence – NARCC dues notice – Frank stated that Casey will pay. \$25.00/4-years.

COMMITTEE REPORTS

CURRENT REPEATER

1. Update on **status of WA6TOW repeater**: Dave-KF6TWW asked if we are using the 70cm repeater, it has been down for a number of years, due to problems on the hill. The 2m repeater is currently working.

2. **APRS** – No report

3. **Emergency Services** – No report

Replacement Repeater

1. Update on Replacement Repeater:

FIELD DAY – No Report

FOG FEST – No Report

NEWSLETTER – Published and link to Google emailed.

WEBSITE – Working.

Net Script - Using temporary (Covid-19) approved script.

UNFINISHED BUSINESS

A. Nomination of Officers – No one has yet to step forward to say they want to hold any of the offices next year. Vote to be taken via the November Zoom meeting.

PLEASE TRY TO ATTEND THE NOVEMBER ZOOM MEETING TO CAST YOUR VOTE FOR THE 2021 OFFICERS.

New Business

A. Frank-N6FG commented that he'd like some hard numbers for the replacement repeater.

Adjournment

Motion made by Frank-N6FG and seconded by Ken-N6KAR to adjourn the meeting at: 8:05p.m. Meeting adjourned.

Presentation by Ralph Kuglar-KC6YDH on DMR Radios followed. If you would like information on the presentation, contact Ralph at KC6YDH@ARRL.NET.

Present at the Meeting

Officers: President: Dave Lawrence-KF6TWW, Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL, Treasurer: Frank Erbacher-N6FG

Members: Jon Lancelle-K6SJF (Zoom Host), Georgia Grant-KE6KRT, Gary Barnes-KI6HIG, Dave Conroy-KM6CPF, Walt Long-KG6EDY, Ted Niemira-K6TET, Ralph Kugler-KC6YDH, Pete Wanger-WA6ECH, Ken Restivo-N6KAR

Submitted by: Tom Oliver-KJ6OGL, Secretary

Financial Status (as of 3/20/2020)	
General Fund	5,566.77
Repeater Fund	1,478.82
APRS/Digipeater Fund	1,445.84
EOC/Pub. Serv. Fund	13,530.11
Grand Total	22,021.54

NEWS

GUIDELINES ISSUED FOR ARRL DX CONTEST MULTIOPERATOR STATIONS

ARRL has issued guidelines for multioperator stations competing in the ARRL DX Contest (CW and phone). With the global pandemic continuing to impose restrictions on social gatherings, multioperator contest stations may not be able to operate normally while still adhering to local social distancing guidelines. ARRL has taken the decision to make temporary accommodations for a multioperator station to participate as a team in these popular ARRL contests, under the following guidelines:

- Team members may operate from their home stations in conjunction with the multi-op station.
- Their home station must be located within a radius of 100 kilometers (62 miles) of the multiop contest station.
- Their home station must be located within the same DXCC entity as the multiop contest station. In the case of US and Canadian stations, the team member station must be in the same US state or Canadian province.
- All team member stations must use the same call sign and exchange as the multiop contest station for the duration of the contest.
- Logging software must be networked, so that all team member stations are using a common log.
- Individual operators may not work the multiop contest station or other team member stations using a personal call sign or other call sign.
- All multioperator rules, such as band changes and number of signals on a band, still apply. See the full [contest rules](#) for details.
- The team must determine and control band assignments, ensuring that no more than one team station is transmitting on any given band at a time.

The multiop contest station may be staffed at less than full capacity while maintaining safe practices, so operating with

a combination of team members at home stations and team members at the contest station is permissible.

The CW contest takes place on the third full weekend in February (February 20 – 21, 2021). The phone contest takes place on the first full weekend in March (March 6 – 7, 2021).

For questions, **contact** the ARRL Contest Branch.

ARRL PACIFIC DIVISION DIRECTOR JIM TIEMSTRA, K6JAT, SK

ARRL Pacific Division Director Jim Tiemstra, K6JAT, of Oakland, California, died October 30. An ARRL Life Member, he was 65.

“Jim was passionate about ham radio and a dedicated member of the ARRL Board of Directors,” ARRL President Rick Roderick, K5UR, said. “He devoted himself to the members of his Division and always strove to do what was best for amateur radio and its future. His knowledge and leadership were significant and will be missed by the many who worked with him and had the pleasure to know him.”

Tiemstra was ARRL Pacific Division Vice Director from 2009 through 2017, sitting on the Administration and Finance, and Programs and Services Committees of the Board. He became ARRL Pacific Division Director in January 2018. Currently, he was a member of the Administration and Finance Committee, the Legal Structure Review Committee, chair of the Legislative Advocacy Committee, and an advisor to the Amateur Radio Legal Defense and Assistance Committee, among other Board assignments.

Licensed in 1970 as WN9ELU in Chicago, Tiemstra was the president of his high school radio club in Illinois. Early on, he built most of his own gear from Heathkits. In 1977, he married Lilah Greene, KE6EHD, and they moved to California, where Tiemstra became N6OIK, later choosing K6JAT as a vanity call sign. He’d also held V26JAT and 3D2TJ and had operated from Curacao and Hawaii.

Primarily a contester and DXer, Tiemstra had been a DXpedition member and had long been involved in the public service aspects of the hobby. As a member of the Oakland Amateur Radio Emergency Service (ARES) group, he was among those responding to the Loma Prieta earthquake in 1989 and the Oakland Hills firestorm in 1991, receiving a Certificate of Appreciation from the American Red Cross. He championed the Emergency Communication Ham Operation (ECHO) proposal to install amateur radio equipment in his city’s emergency operations center and in each of its 30 fire stations.

Tiemstra worked with his ARES group to gain RACES recognition, wrote the RACES Operations Manual, and was instrumental in forging a formal Letter of Understanding with the City of Oakland. Jim served as Oakland’s RACES Radio Officer for more than 14 years, was on the mayor’s Emergency Management Council, and was ARRL East Bay Section Emergency Coordinator. In 2002, he was recognized by the Oakland Fire Department as Community Volunteer of the Year.

In 1998, Tiemstra incorporated the Oakland Radio Communication Association (ORCA), an ARRL affiliated club, was a founding director, and became its first president. He served as trustee of the club’s call sign, WW6OR.

Tiemstra retired in 2018 as a federal practitioner in the private practice of law. He was an ARRL Diamond Club and Maxim Society member.

He and his wife have twin sons, Robert and Matthew, KI6IHP.

ARRL URGES MEMBERS TO JOIN IN STRONGLY OPPOSING FCC’S APPLICATION FEES PROPOSAL

ARRL will file comments in firm opposition to an FCC proposal to impose a \$50 fee on amateur radio license and application fees. With the November 16 comment deadline fast approaching, ARRL urges members to add their voices to ARRL’s by filing opposition comments of their own. The FCC Notice of Proposed Rulemaking (NPRM) MD Docket 20-270 appeared in the October 15 edition of The Federal Register and sets deadlines of November 16 to comment and November 30 to post reply comments, which are comments on comments already filed. ARRL has prepared a **Guide to Filing Comments with the FCC** which includes tips for preparing comments and step-by-step filing instructions. File comments on MD Docket 20-270 using the FCC’s Electronic Comment Filing System (ECFS).

Under the proposal, amateur radio licensees would pay a \$50 fee for each amateur radio application for new licenses, license renewals, upgrades to existing licenses, and vanity call sign requests. The FCC also has proposed a \$50 fee to obtain a printed copy of a license. Excluded are applications for administrative updates, such as changes of address, and annual regulatory fees. Amateur Service licensees have been exempt from application fees for several years.

The FCC proposal is contained in a Notice of Proposed Rulemaking (NPRM) in MD Docket 20-270, which was adopted to implement portions of the “Repack Airwaves Yielding Better Access for Users of Modern Services Act” of 2018 — the so-called “**Ray Baum’s Act.**” The Act

requires that the FCC switch from a Congressionally-mandated fee structure to a cost-based system of assessment. In its NPRM, the FCC proposed application fees for a broad range of services that use the FCC's Universal Licensing System (ULS), including the Amateur Radio Service. The 2018 statute excludes the Amateur Service from annual regulatory fees, but not from application fees. The FCC proposal affects all FCC services and does not single out amateur radio.

ARRL is encouraging members to file comments that stress amateur radio's contributions to the country and communities. ARRL's **Guide to Filing Comments** includes "talking points" that may be helpful in preparing comments. These stress amateur radio's role in volunteering communication support during disasters and emergencies, and inspiring students to pursue education and careers in engineering, radio technology, and communications.

As the FCC explained in its NPRM, Congress, through the Ray Baum's Act, is compelling regulatory agencies such as the FCC to recover from applicants the costs involved in filing and handling applications.

In its NPRM the FCC encouraged licensees to update their own information online without charge. Many, if not most, Amateur Service applications may be handled via the largely automated Universal License Service (ULS). The Ray Baum's Act does not exempt filing fees in the Amateur Radio Service, and the FCC stopped assessing fees for vanity call signs several years ago.

See also "**FCC Proposes to Reinstate Amateur Radio Service Fees**," reported by ARRL in August, and a **summary page** of the proceeding.

IT'S A WRAP FOR HURRICANE WATCH NET, ARES TEAMS STAND DOWN

After an activation that lasted more than 9 hours, the Hurricane Watch Net (HWN) suspended operations on October 28 at around 0130 UTC.

"Although Zeta was still a hurricane just east of Hattiesburg, Mississippi, moving to the northeast at about 30 MPH, we hated to close operations, but propagation on 20 and 40 meters was totally gone," HWN Manager Bobby Graves, KB5HAV, said. "The turnout of reporting stations was great, but we can always use more. Meteorologists love weather data. So, we do our best to collect and forward as much as we can."

ARES teams in Louisiana went on standby status on October 27, ready to activate at the request of local emergency management officials or served agencies. At midday on Wednesday, the Louisiana Emergency Net was placed on active standby status on 3.878 and 7.255 MHz, concluding operations at 2100 UTC on Wednesday.

The Northern Florida ARES Net convened October 28 on 3.950 MHz for about 12 hours in anticipation of tropical storm winds and a risk of tornado activity. "Our HF net shut down this morning," Northern Florida Section Emergency Coordinator Karl Martin, K4HBN, said. "The counties closed shelters and had their ARES groups stand down soon after." Martin said operators did cover three shelters. "We had challenges due to HF conditions, and one of the ARES groups lost a repeater and had to go to a back-up plan."

In George County, Mississippi, ARES Emergency Coordinator General Dailey, KD4VVZ, suspended routine net traffic to take storm-related reports such as weather data, property damage, and power status. Dailey said repeater net would remain active for 12 hours, and the information would be relayed to weather forecasters. The net prepared to carry occasional digital traffic.

"As the sun comes up, damage assessments are still ongoing," the George County Sheriff's office announced on the George County ARES Facebook page. "Currently a majority of the county is without power." The sheriff reported many downed trees and power lines and advised against nonessential travel.

WX4NHC at the National Hurricane Center (NHC) in Miami activated at 1600 UTC on October 28, monitoring HWN's frequencies of 14.325 and 7.268 MHz as well as the VoIP Hurricane Net (VoIP WX) and other resources. The net funnels "ground truth" reports to NHC forecasters.

Ham Aid emergency communication kits from ARRL had been pre-positioned in Louisiana in preparation for this event.

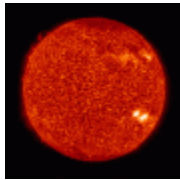
HWN Manager Graves said, "2020 has been a well above-average season for tropical cyclones" with half of the systems that developed making landfall. "Adding to the pandemic [that] all have had to deal with, we as amateur radio operators, have had to deal with very poor propagation, thanks in part to what has seemed to be a never-ending solar minimum."

Graves said the number of HWN check-ins also is down, a factor he also attributed to less-than-ideal propagation. He said the NHC really depends on the information radio amateurs on his net collect.

He reminded that Hurricane Season doesn't end officially until November 30, but nature doesn't respect the calendar. "Tropical systems can and have formed during every month," he said. "In 2005, Zeta didn't form until the last week of December and lasted into January. Also, we still have many more Greek names to use, but I sure hope we

don't have to see one named Eta," which is the next letter in the Greek alphabet.

THE K7RA SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Our sun is finally waking up. The average daily sunspot number rose this week from 15 to 17, which is nothing remarkable, but the reporting week ended on Wednesday with a daily sunspot number of 36. Average daily solar flux rose from 74.5 to 76.9.

The two sunspot regions currently visible, 2778 and 2779, have been growing rapidly. The total sunspot areas in millionths of the solar disc on October 27 – 29 were 140, 230, and 440. Such activity has not been seen since May 5 – 7, 2019, when the total sunspot area was 280, 300, and 410. Going farther back, the last time the sunspot area was higher than the 440 we saw on Thursday was late September and early October 2017, when the sunspot area reached 560. You can find these old records here.

Predicted solar flux is 88 on October 30 – 31, which is remarkable; 82, 78, 75, and 72 on November 1 – 4; 74 on November 5 – 7; 75 on November 8 – 12; 72 on November 13; 70 on November 14 – 21; 74 and 72 on November 22 – 23; 70 on November 24 – 26; 72 on November 27; 74 on November 28 – December 4; 75 on December 5 – 9; 72 on December 10, and 70 on December 11 – 13.

Predicted planetary A index is 8, 5, 12, and 8 on October 30 – November 2; 5 on November 3 – 6; 10 on November 7; 5 on November 8 – 16; 10, 8, and 12 on November 17 – 19; 18, 15, and 20 on November 20 – 22; 15, 10, and 8 on November 23 – 25; 5 on November 26 – 27; 8 on November 28, and 5 on November 29 – December 13.

F.K. Janda, OK1HH, sends his geomagnetic activity forecast for the period October 30 – November 25.

The geomagnetic field will be:

quiet on November 5 – 7, 10 – 11

quiet to unsettled on October 31, November 12 – 15

quiet to active on October (30,) November (3 – 4, 8 – 9,) 16, 23 – 25

unsettled to active November (1 – 2, 17 – 19,) 21 – 22

active to disturbed November 20

Solar wind will intensify on October (30 – 31,) November (2,) 3 – 5, (18 – 20,) 21 – 25

Note: Parentheses mean lower probability of activity enhancement. OK1HH predicts disturbed conditions on the day prior to the ARRL November Sweepstakes phone weekend (November 21 – 22), but over that weekend, Friday through Sunday, the NOAA/USAF prediction sees the planetary A index at 18, 15, and 20.

I frequently check the PSK Reporter map for connections from CN87, my local grid square. With the increasing solar activity over the past couple of days I've seen worldwide 12-meter propagation via FT8 reported.

I also check the STEREO site to peek across the solar horizon looking for upcoming activity. Right now on Thursday night I see some big white blotches, in both the southern and northern hemispheres, indicating possible activity.

We received this report on October 29 from Jeff, N8II, in West Virginia:

"Today was a great day on 10 – 15 meters, with the SFI reported as high as 88! I was slow to get started, but worked about 20 Europeans on 10 meters with some signals around S-9. At one point, four out of five CW QSOs in a row were new band slots on 10-meter CW in my 4-year-old log: Hungary, Ireland, Slovak Republic, and Montenegro, also adding Serbia. Some signals from England, Wales, and Italy were still good copy past 1600 UTC. Most 12-meter activity was FT8, but I did work loud stations from France and Bulgaria.

"In the CQ WW phone contest, I worked mainly 15, but was peeking at 10 long enough to work four stations in Italy quite early around 1325 UTC; at the same time there was sporadic E to Newfoundland on Saturday. I worked three French stations, plus OE2S in Austria, DL5L in Germany, and the loudest, PI4DX in the Netherlands, about S-8 in the 1500 UTC hour on Sunday.

"I expected to hear no signals on 15 at the 0000 UTC start, as it was nearly 2 hours past sunset. I was surprised to make 26 QSOs before the band died past 0100 UTC. At the start, there was sporadic E to Florida and Cuba, and stations from southern South America were workable. Into the Pacific, I worked three stations in Hawaii, New Zealand, and Australia.

"All weekend the K index was either 3 or 4, and especially on Saturday, it hurt propagation to Europe despite an early

opening to southern Europe. The most northern QSOs were Scotland and Poland. But, there were plenty of stations from central and western Europe to work, and late in the opening I caught a big gun in the Ukraine. The 250-kHz phone band filled up by 1300 UTC. I could tell that propagation to Germany was limited, and UK stations were not as loud as on a recent 'normal' day. In fact, Friday before the WW was one of the best European openings of the season so far.

"In the afternoon many stations in South America were active, particularly from Brazil and Argentina, but signals mid-afternoon were weaker than expected. African signals from the Madeira and Canary Islands were loud until about 1900 UTC. I also worked 7Q6M in Malawi, and ZS6TVB in South Africa. Over both days, conditions were often good to the Middle East. I logged Israel, Oman, Qatar, United Arab Emirates, and Saudi Arabia, missing Lebanon which I had worked multiple times the week prior. The last stations worked were around 2340 UTC in Mexico.

"Sunday, conditions were better to Europe and South America. I started filling in the Northern European map, working Belarus, UB7K in southern Russia, Lithuania, OH0V, in Aland Islands, Sweden, Norway, and Denmark, missing two weak stations from Estonia. After the band closed fairly late to Europe, there was an auroral sporadic E opening to Finland around 2000 UTC working OH1F and OG6N about 3 kHz apart.

"Band crowding was severe during the European opening, making it hard to hear weaker signals. I noticed US big guns working European stations I could not hear or barely heard the last 90 minutes of the opening. ZD7BG on St. Helena in the South Atlantic was very difficult to work, due to the pile-up, but finally it logged around 1915. I kept looking for Alaska, Japan, or north/east Pacific stations to no avail, due to the disturbed conditions both days. South American stations were workable an hour past sunset, but no new Pacific countries were heard."

Jon Jones, N0JK, of Lawrence, Kansas wrote:

"Last week's bulletin mentioned sporadic-E reported by Mike, KA3JAW on 6 meters on October 17. More sporadic-E appeared on 6 meters the following week, and some interesting links and propagation occurred.

"On October 22, there was a major sporadic E opening on 50 MHz across the eastern half of North America. The sporadic E was able to link to late afternoon TEP (trans-equatorial-propagation) on to Brazil. Stations in New England and along the eastern seaboard were able to work deep into Brazil. This with a solar flux of only 75.

"October 24 sporadic E took place from the Heartland to the southeast states in the evening on 50 MHz. KF0M (EM17), N0LL (EM09), and N0JK (EM28) made 6-meter FT8 contacts to Georgia, Florida, and South Carolina around 0030 (October 25 UTC). Earlier, I had sporadic E on 10 meters to Mexico, working XE1KK and XE1RK on 28.074 MHz FT8.

"The following morning a very unusual opening took place on 6 meters around 1440 UTC. Transatlantic multi-hop sporadic Es occurred from New England to central Europe. This is the first transatlantic October sporadic E opening I am aware of. Es openings are rare in October, and a multi-hop transatlantic opening of this magnitude is incredible."

Max White, M0VNG, sent this from the UK concerning our sun's reawakening:

Here's the latest from Tamitha Skov, WX6SWW.

Sunspot numbers for October 22 – 28 were 11, 11, 11, 11, 17, 22, and 36, with a mean of 17. The 10.7-centimeter flux was 74.9, 72, 72.1, 74.2, 75, 82.4, and 87.6, with a mean of 76.9. Estimated planetary A indices were 6, 12, 17, 15, 15, 9, and 12, with a mean of 12.3. Middle latitude A index was 3, 10, 16, 9, 15, 7, and 9, with a mean of 9.9.

For more information concerning radio propagation, visit the ARRL Technical Information Service, read "What the Numbers Mean...", and check out K9LA's Propagation Page.

A propagation bulletin archive is available. For customizable propagation charts, visit the VOACAP Online for Ham Radio website.

Instructions for starting or ending email distribution of ARRL bulletins are on the ARRL website.

Share your reports and observations.

NOVEMBER PUZZLER

PAUL ATKINS, AI6BB

D S T A T I O N S L E E V E E T X U I C
 I U E C N A T I C A P A C E Q H N B C E
 R Y E Q U L O F Q Y C L Z E U G O J J N
 E W V L J R P S T L S O F R A H I W W T
 C F A X L A O A C E S S S F L A T T C E
 T R W D R A P T V I A S N Q I R A C C R
 O O D T L P B A E B L E R T Z M L I L Y
 R N N S E A W A I D C L E M A O U F I C
 F T U D R Y N T N N O C A E T N D I P N
 R T O I K E N O A O H H P T I I O C P E
 E O R S G C T T I N R I T S O C M E I U
 T B G X Y H S L O T H O Z A N R E P N Q
 E A B P V I M L I W A W C U C L D S G E
 M C M Q S P O X A F T N A T S N O C F R
 M K R E X G I G B Q R E F L E C T E D F
 H C R D Y T E G R E A T C I R C L E Z I
 O U D I I M X V O L A T I L E D E Y E K
 C E Y S R T T Y T D A E L N I W T V V W
 C L A I T N E U Q E S G N I L P U O C O
 H M Z G N I D L E I H S N T E K C A P M

WORDLIST

BIT	FREQUENCY	SEQUENTIAL
CAPACITANCE	FRONTTODBACK	SHIELDING
CATHODE	GREATCIRCLE	SID
CENTER	GROUNDWAVE	SKYWAVE
CHIP	HARMONIC	SLEEVE
CLASSC	KEYED	SNR
CLIPPING	LOSS	SPECIFIC
CONSTANT	MEGA	STATION
CORONABALL	NATIONAL	TAPPED
COUPLING	OHMMETER	TECHNOLOGY
DEMODULATION	OSCILLATOR	TRAP
DIRECTOR	PACKET	TWINLEAD
EQUALIZATION	REFLECTED	VOLATILE
FILTER	RESISTANCE	WHIP
FREE	RTTY	XIT

ANSWER TO OCTOBER'S PUZZLER

K C R M C O O R D I N A T O R P C S I J
 Y D A O P F N M E R R O R Z N M E H B E
 O I T D O S F D E T A L U D O M N I U D
 V S E E O K E C H P J A T E I X T F K O
 E P B M L B O G O L A N A F T G I T E I
 R L P N G U E L E R E G R L A N T E L D
 D A P A N L F T O M W I E E U I U C E Y
 E Y T T B P G T N C G S D C N D R I C C
 V E E A I R C O V F S S A T E O N D T N
 I R C L O E R W C T E E E I T C S A R E
 A Z F U N I K I U L N T H O T E R R O U
 T B N N V X C B E C C A T N A D A O M Q
 I D O N T D A M C H A L O C M S T P A E
 O C E O B D B U N A L P M P E E I S G R
 N O P E N N D M A S L N Y U E R O E N F
 A B T T E E E I D S I E O T U I L E K
 D W R D N U E X E I N L O M G U C D T M
 Z Y D I Y P F A P S G N D B H D A T I W
 O U L T U K U M M D A R R A Y O V L C W
 S T P A R T I C I P A T I O N J C Z E M

COMING EVENTS

Pacifica CERT (Community Emergency Response Team)

For training and information

<https://pacificacacert.samariteam.com/RequestInfo.aspx>

email: <mailto:cert@pacificapolice.org>

QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau

3rd Wednesday of every month

1909 El Camino Real, Redwood City, CA.

No host. 11:00AM to 1:00PM (approx).

ASVRO Silicon Valley Electronics Flea Market

All dates for the 2020 Electronics Flea Market have been canceled.

State and county Shelter in Place orders and restrictions on large sustained gatherings are likely to stay in effect through October 2020. In consideration of government orders and the safety of all participants, ASVRO has canceled all the Silicon Valley Electronics Flea Market dates for 2020.

We are hopeful that conditions will improve sufficiently in 2021 to resume the market next year. We expect to see you again in 2021. For updates, please visit:

<https://www.electronicfleamarket.com/>

CARC MEETING/EVENT SCHEDULE

DATE	EVENT
Jan 8th	2020 Agenda Planning, LM Fire Station
Feb 12th	2020 Agenda Final, LM Fire Station
Mar 8th	Daylight Savings Time Start
Mar 11th	LM Round Table Pizza
Jun 10th	Zoom Meeting
Jul 8th	Zoom Meeting
Aug 12th	Zoom Meeting
Sep 9th	Zoom Meeting
Oct 14th	Zoom Meeting, 2021 Officer Nomination
Nov 1st	Daylight Savings Time Ends
Nov 11th	Zoom Meeting – Election of Officers
Dec 9th	Zoom Meeting

? to be determined # updated ---- canceled * tentative date



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In Memoriam



Roger G. Spindler-WA6AFT/SK



COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL and meets the second Wednesday of each month at 19:30 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

VHF: 146.925 MHz –offset 600 KHz PL 114.8

UHF: 441.075 MHz +offset 5 MHz PL 114.8

PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.

Packet Digipeater: 145.050 MHz, Packet Node: PAC

APRS Digipeater: 144.390 MHz.

CARC/Pacifica OES VHF Simplex: 146.535 MHz

PL Tone: 114.8 Hz is used, as needed, for noise suppression

VHF Net

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 20:00 hrs. for membership check-ins, notices, and QST's. Note: The WA6TOW repeater on 441.075 MHz may be used as an alternate if the WA6TOW VHF repeater is down.

HF Net

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.



The Coastsides Communicator is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor.

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CARC, P.O. Box 1106, Pacifica, CA 94044

61 years



of Service

51 years



affiliation

COASTSIDE NETS

Monday

7:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
San Bruno ARC Net

Tuesday

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHz, PL 114.8 and KC6ULT 146.865 MHz, PL 114.8 simultaneously, but not linked.
San Mateo County ACS Net

Wednesday

8:00 PM on WA6TOW
146.925 MHz, PL 114.8
Coastside Amateur Radio Club Wednesday Night Check-in.

Saturday

9:00 AM on 3.852 MHz, or the first clear frequency up/dn.
(alt freq of 7.228 MHz.)
Coastside Saturday Morning Group.

10:00 AM on WA6TOW
146.925 MHz, PL 114.8
QCWA Ch. 11 NorCal. Net

Sunday:

7:00-7:45 AM on WA6TOW
146.925 MHz, PL 114.8
Knights of the Megahertz Net

Note: All 2m repeater traffic is recorded and may be replayed at audiostickerbur.net.

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Dave Lawrence	KF6TWW	(650) 595-2827	kf6tww@gmail.com
Vice President	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Secretary	Tom Oliver	KG6OGL	(640) 488-0704	toliver0577@gmail.com
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Field Day	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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Website	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
	R. Scott Sutor	KM6SCD		

MEETING NOTICE:



NOVEMBER 11, 2020 7:30 PM
WATCH FOR INVITATION VIA E-MAIL OR CONTACT AI6BB@ARRL.NET TO BE ADDED

COASTSIDE COMMUNICATOR

EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO:

61 years



of Service