

Stockton-Delta Amateur Radio Club



AN ARRL AFFILIATED CLUB

WWW.W6SF.ORG

January 2021

Welcome to the Stockton-Delta Amateur Radio Club

Happy New Year
2021

**JANUARY MEETING ANNOUNCEMENT
THURSDAY, JANUARY 14TH
Meeting starts at 7:00 PM**

**VIRTUAL – ANNUAL GENERAL
MEETING**

**VIRTUAL MEETING
USING ZOOM**

VIDEO CONFERENCING

**DO NOT GO TO THE SAILING CLUB MEETING
ROOM... THERE WILL BE NO ONE THERE**

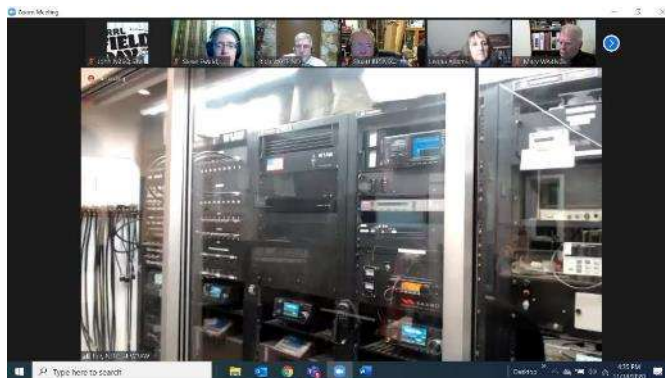


**KEEP
CALM
AND
RENEW YOUR
MEMBERSHIP**

QST QST QST... The December meeting of the Stockton-Delta Amateur Radio Club will be held on Thursday, January 14th starting at 19:00 hours. The meeting will be VIRTUAL – ON-LINE using Zoom Video Conferencing as our platform. Our meeting space at the Stockton sailing club is undergoing renovation.

THIS MEETING IS OUR ANNUAL GENERAL MEETING. CLUB OFFICERS WILL BE REPORTING ON DUES AND OUR 2021 BUDGET.

The meeting program will be a tour of W1AW. John NZ6Q and Annie N6ACL were invited on a virtual tour of W1AW recently and we are going to share some of that video.



Topic: W6SF SDARC MONTHLY CLUB MEETING – ANNUAL GENERAL MEETING

Time: January 14, 2021 07:00 PM Pacific Time (US and Canada)

Join Zoom Meeting <https://us02web.zoom.us/j/84385771704>

Meeting ID: 843 8577 1704 [One tap mobile +16699009128,,84385771704#](https://us02web.zoom.us/j/84385771704) US (San Jose)

Join the meeting with your spouse or significant other, invite a new ham friend to join the club!

BREAKING NEWS !!



FCC TO IMPLEMENT \$35 FEE FOR AMATEUR RADIO LICENSES, RENEWALS AND VANITY CALL SIGN APPLICATIONS.

The FCC has agreed with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was “too high to account for the minimal staff involvement in these applications.” In a *Report and Order (R&O)*, released on December 29, the FCC scaled back to \$35 the fee for a new license application, a special temporary authority (STA) request, a rule waiver request, a license renewal application, and a vanity call sign application. All fees are per application. There will be no fee for administrative updates, such as a change of mailing or email address.

This fall, ARRL filed comments in firm opposition to the FCC proposal and **urged its members** to follow suit.

As the FCC noted in its *R&O*, although some commenters supported the proposed \$50 fee as reasonable and fair, “ARRL and many individual commenters argued that there was no cost-based justification for application fees in the Amateur Radio Service. “After reviewing the record, including the extensive comments filed by amateur radio licensees and based on our revised analysis of the cost of processing mostly automated processes discussed in our methodology section, we adopt a \$35 application fee, a lower application fee than the Commission proposed in the *NPRM* for personal licenses, in recognition of the fact that the application process is mostly automated,” the FCC said in the *R&O*. “We adopt the proposal from the *NPRM* to assess no additional application fee for minor modifications or administrative updates, which also are highly automated.”

PRESIDENT'S CORNER

- Bob, N6TCE



President Corner
January 2021

Seasons Greeting to all,

This is something I never imagined back in 2011 when I got my Tech License. I here am serving as the President of the Stockton-Delta Amateur Radio Club for my second term.

Last year was a disappointment to many. COVID-19 affected us all in so many ways. I have heard that a few club members had caught the virus. Thankfully, they have or on the road to recovery. To them, I wish for a full recovery. I think most of us know of people that didn't. Practice adequate safe social distancing measures and stay safe. I do see the light at the end of the tunnel. We now have a vaccine, but it will be months before we reach the 85-90% saturation level for it said to give us the needed herd levels of necessary immunity for protection. In the meantime, we will stay proactive and practice all the protocols of mask-wearing and safe distancing.

At the January meeting, we will be voting on a tentative budget for 2021. Club members from the 2020 roster will have it emailed to them before the next Zoom Meeting. Approval of some items will help Peter, K6PH, our treasurer, to pay for routine and planned expenses without presenting budget matters at every meeting.

The following Club Officers for the coming year are:

Bob, N6TCE President
Mark, W6SXA, Vice President
Peter, K6PH, Treasurer
Annie, N6ACL, Secretary
Charlie, WB6NBV, Call Sign Trustee
John, NZ6Q, Member at Large

Additionally, David, N6LHL, has agreed to continue to be our Net Director.

I do this job for another club. I know what goes into coordinating the Net Control Operator. That said, Dave is always ready to add another net control operator to the list. Just ask Dave to add you to the list. There are lots of people willing to mentor a new Net Control Operator.

My projection is the 1st real club-wide event will be Museum Ships Weekend, Kids Day and Field Day in June. We are considering holding another VHF Sprint contest in May as a warm-up and practice event for the ARRL VHF contest in June as well. The rules are not 100% in place yet, but we are looking at something longer than an hour-long period. With six months to promote it, I would like to see the participation double.

At the end of June, we will see a Field Day. Even with the Vaccine, it might not provide enough protection for us all. We might have the event and will be with social distancing and masks. Forward planning is essential to protect everyone.



We are looking for different presentations for our Zoom meetings. I hope to have a presentation from Steve, W1SRD, a member of the recent South Orkney Island Dxpedition, soon.

One of the better things to come out of the pandemic is lots of recorded presentations have become available on the internet. What sort of things are you interested in seeing or learning? Have you seen something good that you think the membership, in general, might like to see? Share it.

For the January meeting, John NZ6Q will be sharing the virtual tour of W1AW he and Annie N6ACL received as part of his newly appointed Section Manager Training.

Field Day and CQP need to be planned. I think things went well. We need to all thank Charlie WB6NVB for the use of his site. I hope by the autumn contest season, we see more normalcy.

I am looking forward to planning next December's Christmas Dinner. Again, we need to step forward in our community during this New Year and be ready to perform community service.

To know what is happening in the Club, always check into the net on the W6SF repeater on Monday evening at 2000 hours (8 PM). Don't forget the Thursday night 10-Meter net as well on 28.457Mhz USB starting at 2000 hours also.

New hams check-in to the Tech Net. This net was established for the new hams and any other ham that needs to ask questions and get answers. It takes place at 1900 hours (7 PM) on the W6SF repeater as well.

You can access the W6SF Repeater system at 147.165 MHz (+600khz offset) and 442.250 MHz (+5.000Mhz offset) with a PL of 107.2 Hz. The repeaters are linked so regardless of whether VHF or UHF has better coverage where you are, you will be heard on both.

73

Bob N6TCE
W6SF Club President





MONDAY NIGHT NET CONTROL OPERATOR'S SCHEDULE 1st Quarter 2021

The club holds a weekly net every Monday night beginning at 8:00PM on the **W6SF** Repeaters on 147.165Mhz VHF and 444.250Mhz UHF. Club Repeater information is listed at the end of the newsletter.

If you would like to learn how to be a Net Control Operator, contact one of the club Officers! We will happily mentor you during a Monday night net. This is a great opportunity to improve your operating skill in a "minimal" pressure environment. The Schedule and Net Control Script are available on the club website at....

<http://www.w6sf.org/netcontrolscript.html>

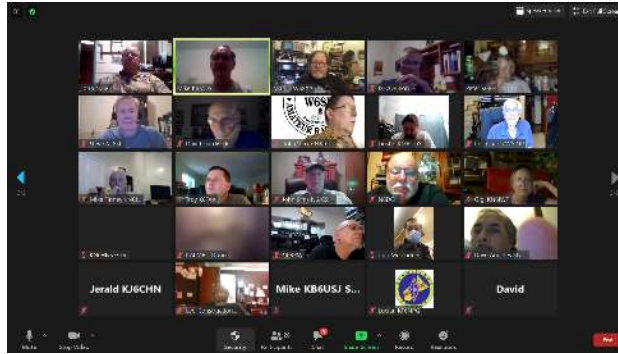
Thank you for volunteering to be our Monday night net controllers for October, November and December 2020. Your assigned dates are listed below. If you need to substitute or reschedule an assignment, contact KG7OR for the Tech Net or N6LHL for the club net. Additional net control volunteers are always welcome for both nets in order to help to share the load.

<u>DATE</u>	<u>7pm TECH NET</u>	<u>8pm CLUB NET</u>
Jan 04	Paul N6KZW	Eric W6INP
Jan 11	Eric K6ODS	Dave N6LHL
Jan 18	Jim WB6BET	Mike K6AAN
Jan 25	Ron KG7OR	Paul N6KZW
Feb 1	Mike K6AAN	Bob N6TCE
Feb 8	Brent W6YNO	Charlie WB6NVB
Feb 15	Paul N6KZW	Ron KG7OR
Feb 22	Eric K6ODS	John NZ6Q
Mar 1	Jim WB6BET	Eric W6INP
Mar 8	Mike K6AAN	Dave N6LHL
Mar 15	Ron KG7OR	Mike K6AAN
Mar 22	Brent W6YNO	Paul N6KZW
Mar 29	Paul N6KZW	Bob N6TCE



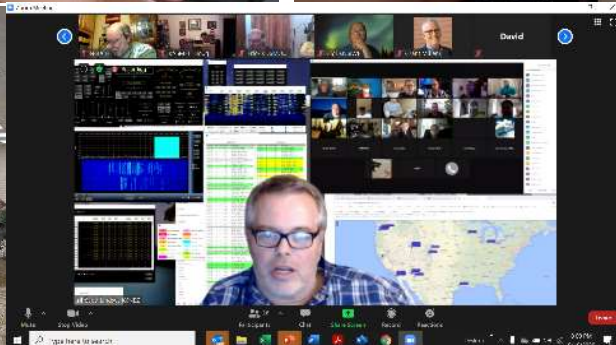
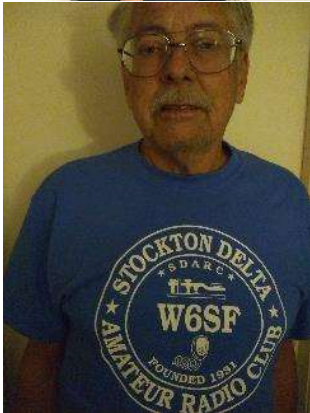
Click on this [picture](#) for info on being a good NCO

W6SF DECEMBER MEETING REPORT THURSDAY DECEMBER 10TH AT 19:00 HOURS



The meeting was called to order by President Bob, N6TCE at 1905 hours. As this was more of a fun “social club” meeting, there was no formal Treasurers Report. Pictures of club activities were submitted by members and members got to share their stories. It was a fun event with lots of reminiscing about old members, tall and not-so-tall tales and just a good time. Almost like a Christmas Dinner except there was no dinner, no restaurant, and sadly no raffle prizes. We did have was a lot of great stories and fun!

Annie N6ACL, Secretary



In accordance with our club bylaws, here is the club financial report for 2020.

**Stockton-Delta Amateur Radio Club
2020 Net Income and 2020 Budget**

Description	2020 Budget	2020 Activity		2020 Actual To Date
		PayPal	Bank A/C	
Club Dues-Cash/Check			784.00	784.00
Club Dues-PayPal		950.00		950.00
Subtotal-Dues	1,550.00	950.00	784.00	1,734.00
Ham Cram		90.00	20.00	110.00
Bike Ride Thank You	400.00			-
T-shirt & other Mdse Sales (Net)	-		74.00	74.00
Raffles	500.00			-
Xmas Dinner	550.00			-
Repeater Fund	100.00		40.00	40.00
Donations			100.00	100.00
Total Income	3,100.00	1,040.00	1,018.00	2,058.00
Expenses:				
Repeater Rent & Maintenance	820.00		600.00	600.00
Meeting Refreshmts	125.00			-
Insurance	200.00		200.00	200.00
PO Box Rent	92.00			-
Museum Ships Wkend	100.00			-
Field Day/CQP	175.00	130.00		130.00
Meeting Room	100.00		40.00	40.00
PayPal Fees (Prior to 2020, fees were deducted from dues ir	42.00	39.88		39.88
Member Expense (Deceased member flowers, etc.)	-			-
Club Equipment	-			-
Christmas Dinner (incl raffle prizes)	1,140.00			-
Website	140.00	278.00		278.00
Other			29.95	29.95
				-
Total Expenses	2,934.00	447.88	869.95	1,317.83
Net Income (Loss)	166.00	592.12	148.05	740.17
Beginning Cash				
Bank Account			5,537.60	5,537.60
PayPal		2,342.54		2,342.54
		<u>2,342.54</u>	<u>5,537.60</u>	<u>7,880.14</u>
Ending Total Cash		<u>2,934.66</u>	<u>5,685.65</u>	<u>8,620.31</u>
Ending Bank Account			5,685.65	5,685.65
Ending PayPal		2,934.66		2,934.66
Ending Total Cash		<u>2,934.66</u>	<u>5,685.65</u>	<u>8,620.31</u>



HamExam in Isolation 5 December 12th Test Session Results

Thanks to a new partnership with the Karl Ross Post of the American Legion, we have been offered a new home for HamCram license and VE Test Sessions.

While the city continues to be “locked down” for visitors to use the Fire Department Training facility, and the Stockton Sailing Club is remodeling their auditorium, we suddenly were in need of a new home in order to hold at least a test session in December.

Thanks to Stewart KN6MTO we were connected with the Karl Ross Post for the use of their auditorium space (BIG!). The club has partnered in the past with the post and the San Joaquin Veteran’s Council on the 4th of July parades. This worked out really well and we are optimistic that we can continue using the facility for HamCrams and VE Test Sessions into 2021.

The HamCram Team, of Bob N6TCE, Annie N6ACL, Mark W6SXA and John NZ6Q administered 14 exams in three sessions with 13 passing for new licenses or upgrades. If you hear them on the air, please welcome them to the hobby and congratulate them on their achievement.

KN6MOI	Ornido, Alvin	Technician
KN6MOJ	Gordon, Jonathan P	Technician
KN6MOK	Reed, Marcia L	Technician
KN6MOL	Reed, Jerry W	Technician
KN6MOM	Weiler, Jenna	Technician
KN6MON	Slavas, Michael A	Technician
KN6MOO	Tseng, Ehtan	Technician
KN6MOP	Hadagone, Scott J	Technician
KN6MOQ	Wicke, Benedict	Technician
KN6MOR	Bragg, William P	Technician
N6JRQ	Quast, James	General Upgrade
KN6MKL	Elias, Geoffe	Extra Upgrade
KN6RGT	Thomas, Richard	General Upgrade



A special note that one of our successful candidates was 13 year old Ben, now KN6MOQ who's mom drove him in from San Andreas to take and pass the Technician test. Ben reached out to the team on Thursday about taking the test and getting his license. Annie N6ACL gifted him a new handheld radio and antenna for passing his test. I'm sure we are going to see this energetic ham operator at upcoming meetings and club events. CONGRATULATIONS BEN!

Remember to welcome our new hams when you hear them on the air. If you are fortunate enough to be their first contact, please take a moment to acknowledge it by completing the “First Contact Award” information on the ARRL website at:

<http://www.arrl.org/first-contact>

MONDAY NIGHT TECH NET

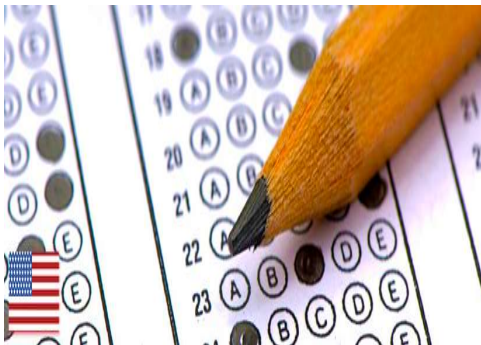
NEW HAMS, COME TO THE "TECH NET" MONDAY AT 7:00 PM

New or recently licensed hams, this is for you. Mark your calendar and check in on our Technical Net, each Monday evening starting at 1900 hours (7:00 pm) on the club's linked repeater system. The net's primary purpose is to give new operators some on-the-air experience and to provide guidance in learning about ham radio technology, operations, and procedures.

The "Tech Net" is your perfect opportunity to become familiar with amateur radio basics and to overcome any reluctance you might have to push that transmit switch on your radio the first time. When the net control station invites check-ins from new hams, just press your push-to-talk button and state your call sign, your name, and your city or other location.

The club's repeater frequencies are 147.165 and 442.250 MHz, with a CTCSS tone ("PL tone") of 107.2 Hz. If you need any help in programming your radio to work those frequencies, click "Contact Us" on our website or send an email message with your phone number to SDARC@W6SF.org.

We hope to hear you next Monday on the Tech Net.



**FEBRUARY HAMCRAM (WE HOPE) +
VE TEST SESSION
KARL ROSS POST – AMERICAN LEGION
2020 N PLYMOUTH RD
STOCKTON, CA 95204**

**SATURDAY FEBRUARY 6TH
DOORS OPEN 8:45AM**

Thanks to the efforts of Stewart KN6MCT, we can hold the HamCram and test session indoors with limitations. This is assuming that the current Shelter-In-Place mandate is lifted for the Central Valley in January.

There will be no walk-ins allowed. If you are interested in doing a HamCram Study Session, we will be offering a limited number of spaces. If you are testing for an upgrade, or you or a family member wants to get your license, please pre-register at www.w6sf.org/hamcram.html. We will email you the "HamCram Technique" and a copy of the question pool for your test. You can "Home-Cram" and then come take the test on Saturday.

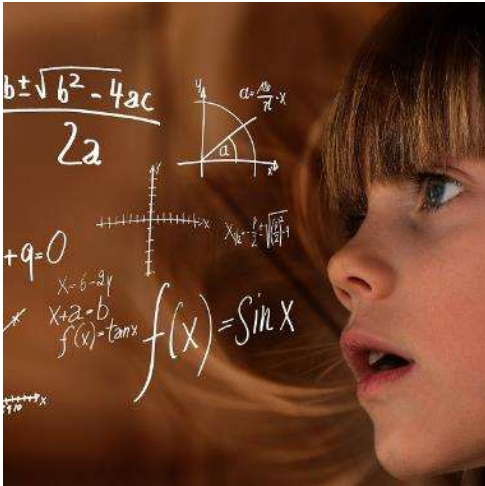
HamCram study session starts at 8:00 AM and the doors will open at 7:45.

Test sessions will start at 3:00 PM

Sign up for the next HamCram clicking the link [here](#).



Happy 90th Birthday SDARC!



GETTING YOUR CHILDREN INTERESTED IN AMATEUR RADIO

BY K7GAF – see more articles at www.k7gaf.com

The younger generations seem to have lost the interest in ham radio. The ease of communication through mobile phones and the internet takes away one of the main incentives ham radio had in the past. While clubs hope for younger recruits, I suggest we should look beyond prospects in their 20s and 30s, all the way to our children. As a father of two pre-teens who are both interested in the hobby, I noticed that being a ham gets children ahead in school more than any other hobby. Amateur radio teaches children so much about every single topic you can think of:

Math

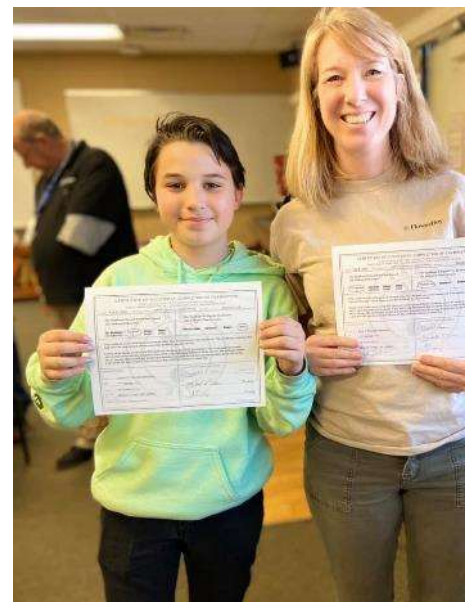
Amateur radio teaches children a lot about math. It starts with simple calculations to convert between frequencies and wavelengths. Magnitudes and their prefixes are next. My kids know what kilo-, mega-, centi- and milli- mean and they can convert between them. They also learn about logarithmic scales when they work with dB values.

Physics

This is a no-brainer, too. Think of Ohm's law, current, voltage, resistance. Kids learn about the relationships of these. They learn about basic electronic components; schematics and they actually know what some of the components do and how they work. They will also understand field strength changes in different directions, RF propagation and so on.

Engineering

Well, Math, Physics, and Engineering go hand in hand but when we think of antenna building and testing, there is a lot of engineering skill that goes into it. But not just antenna building, if you let them set up and connect a radio, antenna tuner, power supply, they will learn about the different types of cables, connectors, grounding etc and why everything is designed the way it is.





Computer / Software design

Getting children ready to play with FT8 or other digital modes, teaches them about software design and computer use. Most of our kids know how to use a computer but getting WSJT-X and fldigi set up and using it is quite something different. Once they get QSOs, they will want to set up their own logbook and there are many possibilities for that and almost every single one of them has its downsides. If children find them, they learn about good software design and ergonomics as well.

Geography

Obviously a big one, no question. There are countries the kids have never heard of or maybe they have but had no idea where they are. If they start playing with FT8 on 10m and suddenly making contact with stations in South America, they will look these countries up on a map and they will remember exactly where they are, how they look like and if they are interested, a ton more. If they exchange QSL cards, they also have something to show in class. Reading and understanding maps is another bonus.

Graphic Design

Speaking of QSL cards. When my first cards began arriving and I started designing mine, it was like a wake-up call for my kids. If nothing else had excited them about ham radio, QSL cards would have been the thing that sealed the deal to get licensed. Of course, they want their own cards and they want to design them. Doing this in a structured way, to make sure the cards can be printed and that all the necessary parts are on them, it a great way to learn about graphic design!

Astronomy

What are sunspots, coronal holes, and different layers of the atmosphere? What are meteors and what are they scattering? What are the northern lights and why are they there? Questions many children may not think of and forget if the teacher tells about them. Not so for little hams, astronomy is a big part of what they know.

History

History is a topic they may encounter when thinking about why certain things are the way they are, when they discover how radio technology started and how it was used in the past. Besides that, they also have a ton of mentors on the air, who know answers to all their questions because they already lived in a time that seems “very long ago” for them, young as they are.

Chemistry

This may be a little less obvious, but they will learn about different elements and their properties when they think of the different metals used for their antennas, all the cables etc. Why do we use so much copper? Why does solder melt so easily and why do I need to wash my hands after touching it? What materials conduct electricity, and which are good insulators?

Physical Education

Yes, even that! Think of taking your HT on a hike with them and let them use it on top of a hill. Go the extra step and try some SOTA with them, before you know it, they will be as fit as you want them to be.



Economics

They will undoubtedly notice that their allowance does not suffice to buy a nice HF base station. But why is that? This is a great opportunity to talk about what actually goes into developing and manufacturing a new product. It will teach them about supply and demand as well. If you give them a Baofeng and a decent HT, they will sooner or later understand first-hand what the difference between cheap and inexpensive is.

Social Studies

Amateur radio is a hobby of communication between people of many different backgrounds. If they can communicate with, or even just listen to, others who are outside of their geographical bubble, they will learn about social issues people in other regions face.

Architecture

Yes, architecture, and I am not just talking about putting up a tower. If you put up a vertical or a long wire, discuss with them the parts of the roof and other structures you utilize. Why is there a gable here and a ridge there? Why is the yard wall 6ft high and what are these pipes coming up through the roof? What is stucco and why does its construction interfere with using the HT inside?

Accounting

Back to QSL cards, again. Let them come up with their own bookkeeping to track QSL exchanges. Track the postage used and the actual cost per card and envelope. Let them calculate the average power consumption per hour of the radio they use and then come up with the cost for electricity per month. Before you know it, they will be little accountants.

Let me stop here. You see where I am going with this. There is almost no subject they study in school, that can't be improved by letting them get their amateur radio license and getting them on the air. We think of it as a hobby and as a community service but for children it can be more than this. For them, it can be the reason they rise to the top of their class in school! Make use of that, they will have fun and learn a ton. And, being selfish here, we have another thing that ties us to our kids, something else we can do together and which they will remember for a lifetime.



KIDS DAY 2021 IS SATURDAY JANUARY 2ND

Kids Day is designed to give on-the-air experience to young people and hopefully foster interest in getting a license of their own. It is also intended to give older hams a chance to share their station and love for Amateur Radio with their children.

Generally the first Saturday in January, and the third Saturday in June, see the official "rules" and announcement on the ARRL website at: www.arrl.org/kids-day

Kids Day always runs from 1800 UTC through 2359 UTC. Operate as much or as little as you like.



STRAIGHT KEY NIGHT IS FRIDAY JANUARY 1ST

Straight Key night is not a contest; rather it is a day dedicated to celebrating our CW heritage. Participants are encouraged to get on the air and simply make enjoyable, conversational CW QSOs. The use of straight keys or bugs to send CW is preferred. There are no points scored and all who participate are winners.

Straight Key Night is held every January 1 from 0000 UTC through 2359 UTC. (4:00 PM 12/31/20 PST to 3:59 PM ON 1/1/21 PST)

A Straight Key Night Story: By Dan Henderson, N1ND

In my early days in amateur radio, I was privileged to have three top-flight Elmers. Each shared with me new interests and enthusiasm for different parts of the hobby. The first, Col. Frank, WB4JMG, was special because we shared the same birthday and he taught me most of what I learned in those early days about electronic theory. The second Everest, W4DYW, was special because not only because our families were so close – he was my principle mentor for on-the-air operations, especially CW traffic nets.

Unless your Elmer was one of your parents, you probably can't say what my third Elmer could say about our relationship. Dr. Mac, WA4VNV (later N4IX), would honestly say he knew me my entire life. Not only was he a dedicated amateur operator – he was my mother's OBGYN and was the man who literally "delivered me" to the world, and helped me find the world of amateur radio in later years.

I had been attending club meetings with the old Asheville Radio Club (which merged with the Buncombe County VHF Society to later form the Western Carolina Amateur Radio Society) for months before I was first licensed. And being the precocious teenager that I was, I jumped in with both feet. In mid-1971 I agreed to take over as editor of the ARC's monthly newsletter, known as Smoketest from Dr. Mac. He agreed to help me as a regular contributor, but slyly with one caveat—he would only provide news stories for me for the newsletter if I would copy them over the air using CW, since I was only a novice and had no phone privileges during those years.

I accepted his offer, and began two years of almost daily QSOs on 3725 KHz— because that was one of the few crystals I had for the Heathkit HW-16, which Col. Frank had been commissioned by my parents to build for my Christmas present in 1970. It was a unique experience, but one which served to continue building what became my passion for Morse code. In later years I would follow in Dr. Mac's footsteps once again when I became the ARES EC and RACES Radio Office for the county (but that's a topic for another article).

Between the efforts of my three Elmers, my CW speed quickly increased from the nervous 5 WPM necessary to earn my license to being able to conduct a coherent rag chew in the 25-30 WPM range. And the mantra of all three was simple – If you want to be competent in CW, you have to use it.

So each year from 0000 UTC to 2359 UTC PM January 1st I have the chance to pay a small bit of homage back to the Elmers when I have the opportunity to participate in the annual ARRL Straight Key Night. This 24-hour event is not a contest; rather it is a day dedicated to celebrating our CW heritage. Participants are encouraged to get on-the-air and simply make enjoyable, conversational QSOs. There are no points scored and all who participate are winners.

In the decade since I wrote my first SKN announcement for QST, I have seen marvelous metamorphosis occur. The number of entries has grown almost every year, even with the elimination of CW as a licensing requirement in the US. Participants have also used this popular annual event for more than just demonstrating their prowess pounding a brass key. Numerous participants use SKN to test out and "show off" their vintage equipment. Some will plug in their old CW "bugs" and join in. The common bond for all of them is to have fun in a more relaxed setting. You will even find CW enthusiasts who get on to enjoy the rag chewing. And that's the purpose of this popular operating event, so don't get hung up about the equipment.

When participating in SKN instead of sending RST before sending the signal report send the letters SKN, to indicate your participation, and to clue in passers-by who may be listening that SKN is going strong. After SKN, send the Contest Branch a list of stations worked, plus your vote for the best fist you heard (it doesn't have to be one you worked). Also, include your vote for the most interesting QSO you had or monitored.

Don't forget to post your comments and interesting photographs from your SKN adventure to the ARRL Contest Online Soapbox. Entries should be emailed to the Contest Branch at StraightKey@arrrl.org or may be sent via regular mail to SKN, ARRL, 225 Main St, Newington, CT 06111. The Soapbox becomes an online album of stores and photographs to share with others.



Registration Is Open for Online Ham Radio University on January 9

With COVID-19 restrictions precluding an in-person gathering, the 22nd annual Ham Radio University (HRU) educational conference will be held as a virtual event on Saturday, January 9, 2021, from 8 AM to 4 PM EST (1300 – 2100 UTC) as a GoToWebinar online video conference.

Individual registration is now open for HRU's 14 **informational presentations** covering a broad range of amateur radio activities. Topics include amateur radio emergency communications; the basics of HF operating; communicating through amateur radio Earth satellites; remote station operating over the internet; software defined radios; HF and UHF digital communications, and using Raspberry Pi computers in amateur radio.

HRU 2021 will also serve as the online convention of the ARRL NYC-Long Island Section. Participation in HRU 2021 will be free, with a suggested donation of \$5. Advance registration is required for each presentation. You can register at <http://hamradiouniversity.org/>



LOOK FOR A VIRTUAL WORLD OF STEAM COMING IN MARCH OR APRIL 2021.

The Stockton-Delta ARC has been invited to do online presentations as part of the 2021 World of STEAM sponsored by Lincoln High School and LUSD.

More details to follow – Think of some demonstrations which could “wow” our kids!

2021 CLUB MEETING DATES & PROPOSED TRAININGS

January 14	Annual General Meeting, W1AW Tour
February 11.....	Meeting – How to get the most out of your ARRL Website
March 11.....	Meeting – South Orkney Island Dxpedition W1SRD
April 8	Meeting – DMR / Digital Basics – Vince KM6IRY
May 13.....	Meeting – Museum Ships Weekend Prep
June 10	Meeting - Field Day Final Prep
July 8	Meeting – Getting the Most from FT8
August 12.....	Meeting – RDF – Fox Hunting Club BBQ
September 9.....	Meeting – Contesting / CQP 2021
September 25	Club Breakfast – 9:00 – Location TBA
October 14.....	Meeting - Nominations for Officers 2022 – Program TBD
November 11	Meeting – Elections – Program TBD
December 9	Christmas Dinner / Year End Celebration
December 31.....	Cosmic Bowling & Straight Key Night

HamCrams for 2021 – 7:45 AM Karl Ross Post – 2020 N Plymouth Rd

February 6th April 10th August 13th **October 9th** December 11th

Ham-U Training Day – 8:00 AM Fire Station #2 September 18th

Club Events 2021

March 20 th – STEAMFEST 2020	Lincoln High School – MOVED TO VIRTUAL
March 21 st – Ride/Walk 4 Art	Valley Springs – TBD
April 24 th – Stockton Sailing Club Event	Stockton Sailing Club – TBD
April – May – Weed-Whacking on the hill	Fiddletown Repeater Site - TBD
May 2 ND – Delta Century Ride	Jessie’s Grove Winery – TBD
Jun 4 TH – 6 TH – Museum Ships Weekend	USS Lucid, Stockton, CA
June 19 TH – Kids Day	Stockton Libraries – TBD
June 26 TH – 27 TH – ARRL Field Day	Club Field day Site, Stockton, CA
July 3 RD – 4 th of July Parade	Downtown Stockton – TBD
September 25 – Club Breakfast Meeting	Location TBD –
September 23 - Miracle Mile Car Show Event	Miracle Mile
October 2 ND – 3 RD – California QSO Party	Club Field Day Site, Stockton, CA
October 15 – 17 – Pacificon 2021	San Ramon Marriott
November 7 – Giro D' Vino Ride	Woodbridge Winery, Acampo, CA
November 13 – 14 ARRL Sweepstakes Phone	Club Field Day Site, Stockton, CA
November 25 – Run Against Hunger	Waterfront – Downtown
December 10 – 12 – ARRL 10M Contest	Club Field Day Site, Stockton, CA

2021 ARRL FIELD DAY SWAG IS NOW AVAILABLE AT THE ARRL STORE



Score your 2021 ARRL Field Day shirts and other items early this year. ARRL has already announced the 2021 Logo and has long sleeve shirts this year! Check out the Field day Mugs, YETI Tumblers, hats and more at:

www.arrl.org/shop/field-day/



A HAM'S CALENDAR

January 1st – Straight Key Night – On the Air starting at 0000Z or 4:00PM on 12/31. Enjoy relaxed QSOs with others using your Straight Key or Bug www.arrl.org/straight-key-night

January 2nd – ARRL Kids Day – 1800Z – 2359Z Twice a year, ARRL offers an event designed to promote Amateur Radio to our youth. Share the excitement with your kids or grandkids, a Scout troop, a church or the general public! www.arrl.org/kids-day

January 9th – Ham Radio University – On Line Live event from NYU www.hamradiouniversity.org starts at 0500 PST (for the intro meeting)

January 14th – January SDARC Meeting – 1900 hours – Scheduled to be Virtual Meeting Only on Zoom. This is our AGM where the dues will be voted on for 2021. NZ6Q will host a Virtual Tour of W1AW

January 16th – 17th – ARRL January VHF contest – On the Air <http://www.arrl.org/january-vhf>

January 30th – 31st – Winter Field Day 2021 – On the Air <https://www.winterfieldday.com> for more information.

February 8th – 12th – ARRL School Club Roundup Winter Term - <http://www.arrl.org/school-club-roundup>

February 11th – February SDARC Meeting – 1900 hours – Scheduled to be Virtual Meeting Only on Zoom. Program: Getting more out of your ARRL Website by ARRL HQ

JANUARY STATE QSO PARTIES

Alaska	01/15/2021	02/15/2021	NCDXA Alaska "RST" QSO Party
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Do you have any suggestions, comments or concerns? We want to hear from you.
Do you have an idea that we, as a club can all benefit from? Let us hear about it.
To submit articles for the monthly newsletter, email N6ACL annettel@westwayfeed.com

W6SF CLUB INFORMATION

MEETINGS: Regular meetings are held on the second Thursday of each month **at the Stockton Sailing Club, 4980 Brookside Cove, Stockton, CA – off March Lane west of Interstate 5.** Members, guests, and people having an interest in Amateur Radio are invited to attend. The next meeting is scheduled for **January 14th at 1900 hours. This meeting will be held on-line using Zoom.** Members and guests are welcome – login info in this newsletter.

WEEKLY NETS: Held each Monday evening at 1900hrs is the **W6SF New Ham/Tech Net** hosted by Paul **N6KZW and Others.** Then at 2000hrs the regular club net starts. **147.165+ PL 107.2 Hz and 442.250 + PL 107.2 are the regular repeaters for these Nets.** Members and visitors are invited to check in. There is also an unofficial get together on Thursday evenings (except meeting night) at 8:00pm **on 28.457MHz.** Amateurs with the proper license are encouraged to participate.

CLUB REPEATERS: Located in the Sierra at 2500 feet, the club repeater covers the southern Sacramento and Northern San Joaquin Valleys. The call sign is W6SF, and can be heard on **147.165+Mhz** with a PL tone of 107.2 Hz. From the same site, the club also operates a 440MHZ repeater at **442.250 +** with a PL of 107.2 Hz.

The club also operates a UHF repeater located in downtown Stockton **444.575MHz +** with a PL 107.2Hz. Coverage includes the Stockton area as well as parts of Lodi, Manteca, Tracy and Ripon.

CLUB SIMPLEX FX: 147.51 MHz.

CLUB WEBSITE: <http://www.w6sf.org>

2021 CLUB OFFICERS & LEADERSHIP:

President:	N6TCE , Bob Officer	n6tce@arrl.net
Vice President:	W6SXA , Mark Cloud	w6sxa@arrl.net
Treasurer:	K6PH , Peter Hine	selkied@earthlink.net
Secretary:	N6ACL , Annie Lewis-Dopkus	annettel@westwayfeed.com
Member At Large:	NZ6Q , John Litz	john@litz.com
Call Sign Trustee:	WB6NVB , Charlie Johnson	wb6nvb@arrl.net
Repeater Trustee:	NC6R , Steve Allred	nc6r@arrl.net
Membership Chairman	N6ACL , Annie Lewis-Dopkus	annettel@westwayfeed.com
Event Chairman	OPEN	
Newsletter Editor	NZ6Q , John Litz	nz6q@arrl.net

CLUB DUES:

\$20 SINGLE and \$30 FAMILY

Stockton-Delta Amateur Radio Club, P.O. BOX 690271, STOCKTON, CA 95269-0271

We thank you for your continued support!