



# The Transponder



The monthly newsletter of the [Hughes Amateur Radio Club, W6HA](#)  
- An ARRL affiliated club -

May 14, 2022

Repeater 445.620 – PL 127.3

Website: W6HA.org

Vol. XLIX, No. 5

**\*\*\* CLUB MEETING In-Person \*\*\***

**Where:** El Segundo Library, FoTL Conference Room & Zoom

**Location:** Zoom: Meeting ID: 817 1297 4188  
Passcode: 160795

**Meeting Notice:** Date: Tuesday, May18, 2022

Time: Pre-Meeting: 11:30 Gather, Exchange Greetings  
Meeting Call to Order: 12 to 1 PM (Zoom Audio on Repeater)

**Featured Presentation:**

- Nominating Committee – Election of Officers
- Debrief of SAMO-100 Race
- Field Day Plans & Planning

**Up Coming Events:**

- June 24, 25, 26 - Field Day – Last full weekend in June – Wilderness Park Redondo Beach**
- Nov. '22 - Spruce Goose (H-4 Hercules) Special Event (75<sup>th</sup> Anniversary of Flight)**

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**Lunch:** Pizza: 1 Large Veggie; 1 Lrg Pepperoni; 1 Lrg Special; 1 Lrg Sausage, (\$3.50/slice)  
**Prices:** 2 slices of Pizza w/salad, \$8.00; 1 slice of pizza w/salad \$5.00; Salad only \$4.00  
**Sodas:** Coke, Coke Zero & Ginger Ale (\$1.00) - Water (50 cents) Next Month

**Nets on the Club's Repeater:** (See Last page for details)

**Wednesday Evenings at 7:30 PM – Hughes ARC net,** (then Simplex @ 146.550), then Digital  
**Thursdays Noon (12:05 PM) Emergency Communication Teams (ECT)**

Transponder Deadline for Submittal of Articles: Wednesday, before next meeting

**Club News: Elections are This Month**

The Nominating Committee, whose purpose is to see that there is at least one willing person to execute the duties of each elected office, has determined that the current officers are all willing to run for the office that they currently hold, for another term. That Slate is presented below. But you, the members, have the last word.

<b>Elected Office</b>	<b>Slate for 2022 - 23</b>
	<b>Nominees</b>
<u>President</u>	Brian Johnson
<u>Vice President</u>	Howard Karse
<u>Secretary</u>	Dale Birmingham
<u>Treasurer</u>	Paul Geisel
<u>Station Manager</u>	Michael Darling
Available Past Pres.	Dale Birmingham

Nominations "From-The-Floor:" At the April regular meeting Nominations were opened up "from-the-Floor." Members may nominate any other member that is in "Good Standing" (Dues Paid) that has agreed to execute the duties of that office. Self-Nomination is permitted.

Voting: The By-Laws say that only members "present" at the meeting may vote and also that a Quorum for voting is 25% of the membership or currently, 15 members present. It also states "No proxies." However, during the pandemic, In-Person meetings were NOT allowed and the Board made other arrangements which were executed without objection from the membership. The pandemic seems to be subsiding. If any office is contested, the Board will have to decide who is considered "Present" and if requested, how a secret ballot is conducted. If there are no additional nominations, the issue is moot.

**2022 Field Day - W6HA – June**

**Pine Campground at Redondo Beach's Wilderness Park** is indeed secured according to our Field Day Co-Chairman and President, Brian, AB6UI. So the Portable Tower is moved to the pad in Pine Campground on Thursday afternoon about 4:00 PM (0000 Friday UTC). On Friday morning we start setup in earnest. There are usually some last minute things to do Saturday morning and the Operating Period (some say contest) begins at 11:00 AM (1800z). See the

attachment to let us know how you would like to participate and there are some ideas below:

**Station Captains:** Some members, tentatively, have taken some Station Captain positions. But, if this is a desirement of yours, let us know. Our usual set of stations is:

1. **80/15 meter station** in MMQs Big Blue tent – Dale, WB6MMQ Captain, "but, at 77 years young, I'll need help, setting up and operating."
2. **20 Meters**, Richard, KM6FP;
3. **40/10 Meters** is 'Up for grabs' and 10 meters is starting to pick up. Check the solar report.
4. **VHF**, Howard, KE6MAK, has tentatively said he will organize VHF, but it is open to others, as he may help me at the 80/15 meter station which I am happy to share.
5. **GOTA Station**, needs a coach.
6. **Information / Talk-in Table** offers public contact with other campers at Wilderness Park.
7. **Logging Computers** and network setup, Betty, N6VZF, said she would prepare the computers.
8. **Safety Officer** – Phil, N6PNJ has volunteered.
9. **Food coordinator** – this can be simply ordering pizza or sandwiches, perhaps a 'Foot Long' Sandwich to planning a Saturday evening meal. The park has BBQs but no other flame is permitted.

Setup tasks on Friday are:

1. Assembling the tri-band beam to the tower;
2. Running power cords to the generator in the maintenance yard.
3. Running the E-Net cables for the logging computers,
4. And setting up tents, EZe-Ups and moving tables and chairs & lights into position.

The key is: " Lots of hands make short work." So, if operating the contest portion, is not your thing, there is lots of FUN to be had and stuff to be learned during setup – and, of course, we are almost 'Famous' for tearing it all down by the time the park closes, at 4 PM or earlier - 3PM, and on our way home. But this "Decamping" needs plenty of hands and a truck or two.

So NOW it's time to start making specific plans for Field Day 2022, June 25-26, 2022, always the last **full weekend** in June. But the main setup day is the **Friday before, June 24<sup>th</sup>**. See the attached flier to let us know When and How you would like to participate.

Dale, WB6MMQ

## LOGOs

We may decide soon, on a new logo. There is perhaps, time to still submit the best one.



## New Club Members in April

The following are two new Associate members of the club:

Wayne Mularz, KN6SXC

Welcome es 73 de W6HA

## Members Expiring Licenses this year:

KG6MFC - 7/10/22  
 AI6GP - 10/5/22  
 WA6NVL - 12/22/22  
 KG6NWJ - 1/15/23

## SAMO-100 A Foot Race

This is the first ever Santa Monica Mountains 100 Mile Foot Race, and another 1<sup>st</sup> for the Club. It was run from 5:00 am Friday morning until 11 am Saturday morning (30 hours). Believe it or not, the fastest runners averaged about 5.5 miles per hours for the 30 hours of the race. Well, the fastest runners finished in less than 30 Hours, but they did run the 100 miles.

**NCS: John, N6JLS and Tom, KJ6CLV**, agreed to take the NCS position, spelling each other with Tom taking the late Friday early Saturday morning shift, to cover the 30 hours. The NCS was housed in a rented RV, which provided bunks to get some shut eye between shifts. An i2000 Honda generator provided power for the radios and a small 1000 watt heater to keep the late night chill off. THANK YOU John & Tom!!!

**Start-Finish: Todd, KJ6DGG, Riverside RACES**, volunteered to covered the Start-Finish, another 30 hour shift, single handed, although after the start and forwarding the DNS list, pretty slow until about 2 or 3 am on Saturday morning, when the first runners begin to finish, until 11 am when the slowest finish. However, any issues across the race course for the 30 hours would be communicated via S-F. THANK YOU TODD!!!

**Kanan-Dume:** This is the turn-around Aid Station which was staffed by **Ralph, AI6GP and Alice, KK6MFL**. This is a bit more reasonable continuous shift with the first runners going through about 11 am Friday and the last at about 8 pm Friday evening. Alice did report that park rangers advised the aid station personnel to move a bit farther away from the road and well on to the median, as traffic on Kanan-Dume road can be “interesting” on Fridays. THANK YOU!!!

**Bonsall Aid Station:** The communicators at this station were **Wayne, AF6GX and Rick, KG6VLB**, both from the SBARC. This station was the one next to the Turn, so they had runners coming in about 30 minutes before the Turn and returning runners about an hour after the Turn-Around. Another feature is that they are close enough to the turn to experience runners coming and going at the same time. THANK YOU!!!

**Encinal Canyon: Bill, KM6HVK and Kevin, KM6MAK** took this Aid Station which is one more station back from the Turn-Around, so 9 am to 2400 (midnight) Friday. But, this one is far enough back from the Turn that it is expected that there will be about a 1 hour lull between runners coming and runners returning. This also, could be two 8 hour shifts, one for runners coming out and a second for runners returning. THANK YOU!!!

**Yerba Buena: Kevin, KD6NCA**, another SBARC ham who volunteered with no limitations, so he got this tough assignment. I’ve worked races with Kevin and he is a very experienced race communicator, so I knew he would be able to handle this one. It is a two shift assignment: Outgoing runners at 8 am to 1:30; then there is Off-Time until 5:30 pm when returning runners show up. The last of them expected possibly as late as 1:30 am Saturday morning. Historically, it is also one of the more difficult radio locations, but perhaps it was not too bad this year, since K6DCS permitted us to use that repeater as a primary resource. THANK YOU KEVIN!!!

**Danielson: Mark, KD6TJU (Riverside RACES)** also volunteered with no limitation specifying this location. The duty is similar to Yerba Buena, but a little earlier with a longer break between runners coming and going with the last runners returning through this station as late as 6 am Saturday morning. This is also ideal for two shifts; a Friday morning two and a half hour shift and then

an 8 hour shift from 10 pm Friday until 6 am Saturday. THANK YOU MARK!!!

**Sycamore Gate: Howard, KE6MAK, and Michael, AJ6HW** worked this aid station. It is a difficult radio location but Howard with a 50- watt mobile and tall mast with a J-Pole antenna and Michael were equal to the task. This is the first aid station after the start and the last Aid Station before the Finish. So another ideal aid station for a split shift. Howard had helped research the location for RF connectivity and requested 'the short straw'. Setup was at 4:30 am with the last runners going through at 7 am. The off-Time was exactly 12 hours, so back on duty at 7 pm (hopefully after an afternoon nap) until (wait for it) 10:45 am Saturday. Well, help did arrive. After working his day job, which ran into Friday evening, Michael, AJ6HW signed up to team up with and/or relieve Howard at 6 am. **THANK YOU!!!**

**Repeater (Cross-Link K6DCS) Michael, N6MHD** The success of this mission depended on a good communications resource. There was considerable scouting of the race course to find a suitable location for the club's portable repeater. The only location that would allow all aid station access to one repeater is inaccessible, except on foot. K6DCS was an easy hit for the four stations on the East end of the race, but could not be hit from NCS, S-F or other aid stations in the Pt Mugu area. But it did have a good signal at a high point in Pt. Mugu. On request K6DCS control operators and trustee agreed to allow us to Link into their Repeater and basically take it over for 30 hours. So for the first time ever, the club setup a Cross-Band Linking Repeater to cover an ultimate race. It was powered by Solar Panels and three 100 Amp-Hour batteries. Programming the radio, design of the power system, setting up and securing of the equipment was all accomplished by the club Station Manager, Michael, N6MHD. **THANK YOU MICHAEL!!!** (See Pics on Page 11)

Dale, WB6MMQ  
Race Coordinator

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"There have been three great inventions since the beginning of time. The fire, the wheel, and central banking."  
...Will Rogers

## Nonprofit Happening

**May:** From Treasurer Paul, KK6TAC

The Hughes Amateur Radio Club is now registered with AmazonSmile. AmazonSmile is a way customers can support their favorite charitable organization every time they shop with Amazon, at no additional cost.

Customers who shop at smile.Amazon.com will find the same Amazon they know with the added bonus that AmazonSmile will donate 0.5% of the purchase price to the charity of their choice.

## **How to sign up for AmazonSmile**

### **How to use AmazonSmile on a web browser:**

1. Visit [smile.amazon.com](https://smile.amazon.com)
2. Sign in with the same account you use for Amazon.com
3. Select your charity ([Hughes Amateur Radio Club](#)).
4. Start shopping! Remember to checkout at [smile.amazon.com](https://smile.amazon.com) to generate donations for your chosen charity.

Tip: Add a bookmark to make it easier to shop at [smile.amazon.com](https://smile.amazon.com).

## **ARRL Letter - Excerpts of Possible Interest** **National Hurricane Center Annual Communications Test to be Held on May 28**

WX4NHC, the amateur radio station at the National Hurricane Center (NHC) in Miami, Florida, will hold its annual communications test on Saturday, May 28, 2022, from 9 AM to 5 PM EDT (1300 - 2100 UTC).

The event is designed to evaluate WX4NHC's amateur radio equipment and antennas at the headquarters in Florida, and to give operators an opportunity to evaluate their home equipment prior to this year's Atlantic hurricane season, which starts on June 1 and runs through November 30. This event allows ham radio operators worldwide to hone their amateur radio communications skills for times of severe weather.

Brief contacts will be available on many frequencies and modes, as well as the exchange of signal reports and basic weather data with any station in any location.

WX4NHC will be on the air on HF, VHF, UHF, 2- and 30-meter APRS, and Winlink at [wx4nhc@winlink.org](mailto:wx4nhc@winlink.org) (subject must contain "//WL2K").

The Hurricane Watch Net 14.325 MHz frequency will be active for most of the test, as will 7.268 MHz, depending on propagation. Depending on man-made noise, the net may move to different frequencies, and participants can locate the net using one of the DX spotting networks, such as the DX Summit website at [www.dxsummit.fi](http://www.dxsummit.fi).

There will also be a [Voice over Internet Protocol \(VoIP\) Hurricane Net](#) from 4 - 5 PM EDT, or 2000 - 2100 UTC (IRLP Node 9219/EchoLink WX-TALK Conference Node 7203).

WX4NHC will make a few contacts on local VHF and UHF repeaters, as well as on Florida's Statewide Amateur Radio Network (SARnet).

QSL cards will be available via Julio Ripoll, WD4R. For more information about WX4NHC, visit their website at [www.wx4nhc.org](http://www.wx4nhc.org).

## **The K7RA Solar Update**

Tad Cook, K7RA, Seattle, Washington, reports:

There was some evidence of sporadic-E propagation this week on 6 and 10 meters, which is always surprising and exciting.

Solar activity was the same as last week, at least going by the numbers.

Average daily sunspot numbers rose slightly from 68.6 to 74.4, while average daily solar flux only budged from 120 to 120.3.

Geomagnetic indicators were quieter, with average daily planetary A index shifting from 10.7 to 5, and average middle latitude numbers from 9.3 to 4.6. We listed the middle latitude A index on May 6 as 2, but that number is an estimate. At the end of that day, the last K index reading was not reported, and since the A index for the day is calculated from all the K index readings, there was not any official middle latitude A index reported and was estimated on available data.

Thursday, for solar flux is more optimistic than last week's prediction, with no values below 100.

Planetary A index is predicted at 6, 8, 12, 8, 14, and 8 on May 12 - 17; 5 on May 18 -19; 12 and 8 on May 20 - 21; 5 on May 22 - 23; 18 on May 24;

15 on May 25 - 27; 8 on May 28, and 5 on May 29 through June 15. There will be a nice long quiet spell of more than 2 weeks.

Wednesday's forecast was prepared by the US Air Force personnel.

Sunspot numbers for May 5 through 11 were 85, 64, 66, 89, 71, 62, and 84, with a mean of 74.4. The 10.7-centimeter flux was 119.9, 119.2, 118.1, 119.2, 117, 115.8, and 132.9, with a mean of 120.3. Estimated planetary A indices were 4, 5, 3, 6, 8, 3, and 6, with a mean of 5. Middle latitude A index was 4, 2, 4, 7, 8, 2, and 5, with a mean of 4.6.

Friday update: <http://www.arrl.org/news/the-k7ra-solar-update-723>

A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations

**Just Ahead in Radiosports** (T=Contest; P=Party)  
See the [ARRL Contest Calendar](#) for more information. For in-depth reporting on Amateur Radio contesting, subscribe to [The ARRL Contest Update](#) via your ARRL member profile email preferences.

May 14.15 - CQ-M International DX T (CW, ph)  
May 14 - 15 -- VOLTA WW RTTY Contest (dig)  
May 14,15 - Canadian Prairies QSO P (CW, ph)  
May 14 - 15 -- 50 MHz Spring Sprint  
May 15 - 16 -- Run for the Bacon QRP T (CW)  
May 18 -- VHF-UHF FT8 Activity Contest  
May 18 -- RSGB 80-M Club Championship, Data  
May 19 - 20 -- Walk for the Bacon QRP T (CW)  
May 19 -- NAQCC CW Sprint (CW)  
May 19 -- NTC QSO Party (CW)

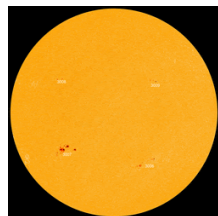
All dates & times are UTC.

## **Amateur Radio in the News**

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL [in the news](#).

["Students HAM it up on Roof of Old Engineering"](#) / University of Arizona, College of Engineering News, May 5, 2022. *Featuring the University of Arizona Amateur Radio Club, K7UAZ*

[Share](#) amateur radio media hits you spot with us



May 12 image [NASA SDO/HMI photo]

**ARRL Section, State and Division Conventions / Hamfest**

In the West or near members anywhere:

May 20 - 22 -- [Dayton Hamvention®](#), Xenia, Ohio, and featuring [ARRL EXPO](#)

June 3 - 5 | [SEA-PAC](#), hosting the ARRL NW Division Convention, Seaside, Oregon

July 2 | [Firecracker Hamfest](#), hosting the ARRL Pennsylvania State Convention, Harrisburg, Pennsylvania

Search the [ARRL Hamfest and Convention Database](#) to find events in your area..\_\_\_\_\_

**In Brief...**

**Military Exercise Will Use 50 MHz Band.**

Belgium's communications regulator BIPT has said 50.200 MHz and 51.075 MHz will be used from May 30 to June 18 during a military exercise. A translation of the post by Belgium's national amateur radio society UBA said, "BIPT informs us that in the period from May 30 to June 18, 2022, a military exercise will be held in Elsenborn in which two frequencies in the 6-meter band will be used -- 50.200 MHz and 51.075 MHz. The amateur radio service has a secondary status in this band; the military services a primary status." Radio amateurs are called upon to pay particular attention to this during this period, to avoid the use of these frequencies if possible, and certainly to listen carefully to whether the frequency is in use if they still wish to use the frequencies concerned. --

*Thanks to Southgate Amateur Radio News*

**The 2022 AMSAT President's Club Coins Have Arrived**

The coins commemorate the 50th anniversary of AMSAT's launch on October 15, 1972. This year's coin features an image of AMSAT-OSCAR 6. Join the [AMSAT President's Club](#) today and help keep amateur radio in space.

"If you aren't willing to own a stock for ten years, don't even think about owning it for ten minutes."

... Warren Buffett

**Announcements**

- The [EZNEC](#) antenna-modelling software by Roy Lewallen W7EL, is now a free download.
- Registration is open for the 67th [Pacific Northwest DX Convention](#), set for August 5 - 7 in Spokane, Washington. The 2022 event will emphasize DXing, contesting, and technology.
- [PA22L](#) is the commemorative call sign recognizing the city of Leiden as the European City of Science. Leiden is hosting a year-long science festival.
- [4A90FMRE](#) is on the air to mark the 90th anniversary of the Federacion Mexicana de Radio Experimentadores. Operation is taking place from all 31 Mexican states plus Mexico City.
- **Special Event:** The London BBC Radio Group has been granted a year-long special event call sign, GB100BBC, to commemorate the centenary of the BBC in 2022. Operations will be carried out by individual members or groups from home stations or BBC premises.
- **Steve Johnston, WD8DAS**, has purchased [AF4K Crystals](#) and plans to reopen it soon. AF4K Crystals was a source for vintage and modern radio crystals for nearly 2 decades. The company will fill a gap for those seeking to buy quartz crystals for projects

**Lunch Kitty Financials – for April, 2022**

<b>Attendance: 14</b> (in Room)		
	Starting Lunch Kitty:	\$ 153.25
Expenses:	Pizza(1) & Salads =	\$90.00
	Drinks: Soda: 9 @ 0.639 =	\$9.25
	Water 0 @ 0.25 =	\$0.00
	Food Total:	\$95.75 \$57.50
Income:	Lunch:	\$100.75 \$158.25
	Recycling: 7/17/21	00.00 \$158.25
<u>Room Rent-To General Funds:</u>	<u>\$00.00</u>	<u>\$158.25</u>
	Starting - Kitty for May 18, 2022 Mtg:	<b>\$158.25</b>

I know not how WWIII will be fought, but WWIV will be fought with sticks and stones.

... Albert Einstein

**Select DX News** (QRV = Ready! or Are you Ready?)**ARLD019 DX news** [Note: 'T' = contest]

This week's bulletin was made possible with information provided by KK9A, The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

RODRIGUES ISLAND, 3B9. Robert, 3B9FR has been active using CW on 17 meters around 1500z. QSL via M0OXO.

MONTENEGRO, 4O. Special event call 4O2IPA is QRV from Podgorica during **all of May** to commemorate the Second IPA Games 2022. QSL#2

UGANDA, 5X. Anders, SM0HPL is QRV as 5X7W from Kampala. Activity is in his spare time on 20 - 10M - CW, JT65, FT8, & FT4. QSL #1

BAHRAIN, A9. Members of the Bahrain Amateur Radio Society are QRV as A91WTIS **until May 17** as part of World Telecom Day. QSL#2

CUBA, CO. Several members of the Federacion de Radioaficionados de Cuba's La Habana branch will be QRV as T42ITU from **May 14 to 17**. Their activity is to commemorate the 157th anniversary of the signing of the first International Telegraph Convention and the creation of the International Telecommunication Union. Activity is on all bands and modes. QSL via LoTW.

CAPE VERDE, D4. Freddy, F5IRO is QRV as D44RO from Praia, Santiago Island, IOTA AF-005, **until May 19**. Activity is in his spare time and his evenings on 40, 30, and 20 meters using CW, FT8, and FT4 with QRP power. QSL#1

PHILIPPINES, DU. Irek, SP3SUX will be QRV as DV8/KH7EA from Mindanao Island, IOTA OC-130, **from May 14 to 27**. Activity will be during his daytime hours on 80 to 6 meters using CW and SSB. QSL#1

IRAN, EP. Members of the Alborz DX Club will be QRV as EP2C on **May 17** to celebrate World Telecommunication Day. Activity will be on various HF bands using CW, SSB and various digital modes. QSL via EA5GL.

HAITI, HH. Members of the Radio Club D'Haiti will be QRV with special call sign HH18MAI from Port-au-Prince from **May 18 to 23**. Their activity is to commemorate Haiti's Flag Day, and Catherine Flon, who was a Haitian seamstress, patriot, and

national heroine who sewed Haiti's first flag of the independence as a republic. QSL via W3HMK.

THAILAND, HS. Werner, DH7OT is QRV as HS0ZMO from Phuket Island. Activity is on 40 to 10 meters. QSL#1

SAUDI ARABIA, HZ. Special event station HZ1WTIS is QRV until **May 17** to commemorate World Telecommunications and Information Society Day.

ITALY, I. Members of the 4U1GSC group from the UN Global Service Center in Brindisi are QRV with special call 4U9MAY & **4U1GSC until May 31** to commemorate International Day of UN Peacekeepers. Activity is on 160 to 10M. QSL via 9A2AA.

MONGOLIA, JT. Andrey, R9YU and Gennady, R5QA are QRV as JV0YU from the Bayan-Olgii Province **until June 10** on 160 to 2 meters, and on 70 cm, using CW, SSB, & FT8. QSL via RW6HS.

PALAU, T8. Yoshi, JR3QFB is QRV as T88JH . from Koror Island, IOTA OC-009, **until May 17**. QSL #1

GUINEA, 3X. Jean-Philippe, F1TMY is QRV as 3X2021 from Conakry. He is active on 160 to 10 meters using SSB, and FM on 10 meters. He is also active on Satellite QO-100 from Grid Square IJ39. Time unknown. QSL via ClubLog.

NEPAL, 9N. Janusz, SP9FIH and Leszek, SP6CIK are QRV as 9N7WE and 9N7CI, respectively, **until May 19**. Activity is on 40 to 6 meters. QSL #1

CHILE, CE. A group of operators are QRV as CB2R **until May 29** to commemorate the Month of the Sea. Activity is on 80, 40, 20, and 10 meters using SSB and FT8. QSL via LoTW.

ECUADOR, HC. Members of the HCDX Group are QRV with special call sign HD200BP from Quito until the **end of May** to commemorate the 200th anniversary of the Battle of Pichincha. Activity is on the HF bands using SSB, FT8, and FT4. QSL via EC5R.

BELGIUM, ON. Members of the Pajottenlandse ARC are QRV with special event call sign OT2022EPIC **until May 22** for the 5th edition of the Antwerp Port Epic Cycling Race. QSL #2

GABON, TR. Roland, F8EN is QRV as TR8CR until the **end of July**. Activity is on 40, 30, and

20 meters using mainly CW. QSL via F6AJA.

ANTARCTICA. Warren, VK7WN will be QRV as VK0WN while stationed at Australia's Casey Research Station. Ops in spare time. QSL #2

NAMIBIA, V5. Paul, ZS2PS is QRV as V5/ZS2PS and operating mobile **until mid June**. Activity is in his spare time on 80 to 10 meters using CW and SSB. QSL #1

COLOMBIA, HK. Lothar, DK8LRF be QRV as HK3JCL **until end of May 2022**. Activity will be mainly on 20 meter SSB. QSL #9, #3

POLAND, SP. Special call sign 3Z80AK is QRV until **May 31** to commemorate the 80th anniversary of the founding of the Armia Krajowa, the dominant underground resistance movement in Poland during World War II. QSL via SP1PBW.

#### Long Term (more than 1 month)

NICARAGUA, YN. Trevis, YN7ZTR is a missionary working in Gaunacastillo for the next two years. He is active in his spare time. [**Until 2022-June-ed**] QSL via LoTW.

JAPAN, JA. Members of the radio club in the city of Tama are QRV as 8N1TAMA until the **end of June 2022** to mark their city's 50th Anniversary. Activity is on 160m to 70 cm using CW, SSB & FM. QSL #3

MINAMI TORISHIMA, JD1. Take, JG8NQJ is QRV as JG8NQJ/JD1 from Marcus Island, IOTA OC-073, **until mid-June, '22**. Activity is on the HF bands using mostly CW. QSL via JA8CJY.

SOUTH SUDAN, Z8. Diya, YI1DZ, will be QRV as Z81D from Juba **until September 11**. Activity will be holiday style. QSL via OM3JW.

FEDERAL REPUBLIC OF GERMANY, DA. **Special Event Station** DM60CSJ is QRV **until July 31, '22** to celebrate the 60th anniversary of Club Station Jesewitz. QSL via bureau.

PHILIPPINES, DU. Mike, W6QT is QRV as DU3/W6QT from Subic Bay until **Sept. 15**. Activity is on 80 to 6M using SSB & FT8. QSL#1

JAN MAYEN, JX. Helge, LB4MI is QRV as JX/LB4MI until early **October '22**. Activity is on 20 and 17 meters using SSB. QSL #1

INDONESIA, YB. Special Event Station s 7B2C, 7B2E, 7B2T, 7B2H and 7B2O are QRV until the **end of October 2022** to celebrate the Javanese-Hindu Ceto Temple that was built in 1475. Act-

ivity is on 80, 40, 20, 15 & 10M using SSB & FT8. QSL #1

JAPAN, JA. Members of the Voice of Toyoake Amateur Radio Club are QRV with special call sign 8N2TY from Toyoake City, Aichi, Honshu Island, IOTA AS-007, **until November 30** to commemorate the 50<sup>th</sup> anniversary of the Toyoake City. Activity is on 160 meters to 1.2 GHz using various modes. QSL via LoTW.

BELGIUM, ON. Members of the RC Belge de l'Est are QRV with **Special Event Station** call sign OR100RCBE **during all of 2022** to celebrate the club's founding in 1922. QSL via ON4GDV.

GUINEA, 3X. Jean-Philippe, F1TMY, expects to be QRV as 3X2021 from Conakry **until end of 2022**. He plans to be active on 160 to 6M, and Satellite QO-100. He also plans side trips to the Los Islands, IOTA AF-051. QSL via Club Log.

MEXICO, XE. Zalo, XE3N is QRV as 6F6F **during 2022** celebrating 120th annvsry of Playa del Carmen City, Quintana Roo. QSL via EA5GL.

SWEDEN, SM. Members of the Skoevde ARC are QRV with special call SK50EI **during 2022** to celebrate the club's 50<sup>th</sup> anniver-sary. QSL #3.

SWITZERLAND, HB. Members of USKA Schaffhausen are QRV with Special Event Station HB50SH **during 2022** to celebrate the club's 50th anniversary. QSL via LoTW.

TURKEY, TA. Members of the Turkish Amateur Radio Association are QRV with special call sign TC60TRAC **during all of 2022** to celebrate the club's 60th anniversary. QSL via the bureau.

NORWAY, LA. Special Event Station LA100B is QRV **during 2022** to celebrate NRRL's Bergensgruppen 100th anniversary. QSL via LoTW only.

#### Until 2025

LAOS, XW. Mike, XW2DX is QRV from Vientiane and is here for the next 5 years. [**Until August 2025-ed**] Activity is on 20, 15 and 10 meters. QSL via RM0L.

#### Notes:

1. QSL direct to home call.
2. QSL via operators' instructions.
3. QSL via bureau
4. QSL via Log Book of The World (LoTW)
5. QSL via eQSL
6. QSL via QRZ.com
7. QSL via ClubLog



**AMATEUR RADIO LICENSING EXAMS:**

TRW Swap meet at the corner of Aviation Blvd and Marine Avenue in Redondo Beach. 10AM in the Northrop cafeteria. Always the last Saturday of the month – no reservation is required.

([www.W6TRW.com](http://www.W6TRW.com)) [Activated, as of Feb. 26]

**ARRL Announces Free Exam Review Website**

The ARRL has launched a web site that allows users to take randomly generated practice exams using questions from the actual examination question pool. [ARRL Exam Review for Ham Radio™](#) is *free*, and users do *not* need to be ARRL members. The only requirement is that users must first set up a site login (this is a different and separate login from your ARRL website user registration).

**Other Free Practice Exam Sites:**

<http://aa9pw.com/radio/technician/>

<http://www.eham.net/exams/>

This Practice Exam site Requires Registration

<https://www.qrz.com/hamtest/>

**ARRL LAX Section Officers:**

Section Manager: Diana Feinberg, AI6DF  
PO Box 4678

Palos Verdes Peninsula. Ca 90274-9618

[AI6DF@arrl.org](mailto:AI6DF@arrl.org) or 310-544-2917

Asst. Section Manager: Mark Chung, KK6SMD

[mchung@prodigy.net](mailto:mchung@prodigy.net)

LAX Section Traffic Mngr: Kate Hutton, K6HTN

For Radiogram formatting instructions go to

[www.ARRLAX.org](http://www.ARRLAX.org) .

**RF Safety** – Power Density Web site:

[http://hintlink.com/power\\_density.htm](http://hintlink.com/power_density.htm)

ARRL [RF exposure calculator](#)

Links: [TRW license test](#)

<http://W6TRW.com/index.php/amateur-radio-license-testing/>

**International Space Station (ISS)**

Monitor -**145.800** mHz.

**PodCast – Amateur Radio News**

(The above is a link to an MP3 audio feed)

**YouTube:** [Call Sign History](#)

**On-Line Stores / suppliers:**

<http://www.impulseelectronics.com/> PowerPole

<https://elkantennas.com> - LPA VHF/UHF Ant.

<http://hamcity.com> - Local – Conn, cables, ants.

<http://www.aesham.com/> - Ham Radio Outlet

<http://www.dxengineering.com>

<http://www.gigaparts.com/>

<http://www.AllElectronics.com> – Parts

<http://TheWireman.com> – Ant. Coax, UV Dacron

ARRL <http://arrl.org>

CQ Mag [http://store.cq-amateur-](http://store.cq-amateur-radio.com/product-category/books/)

[radio.com/product-category/books/](http://store.cq-amateur-radio.com/product-category/books/)

BGMicro <https://www.bgmicro.com/>

**HARC Past & Current Presidents**

1973 Doug Erny, AK7E (former W6NPD)

1974 Orson Just, K6JGV, sk

1975, 76 Tom Rothwell, K6ZT, sk

1977 Tom McInnis, WB6ZEB, sk

1978,79 Sam Weise, W6LXR

1980 Bob Poole, AJ6F, sk

1981 Russ Sanford, WA6NQO, sk

1982, 83 Chuck, KN6H

1984 John Bennett, WD6BAI

1985 Scott Fraser, KN6F

1986, 87 Ed, K6GQV

1988 John, WA6LOD

1989, 90 John, KJ6AW

1992 Bruce, WB6ARE

1993 Rick, KD6DYN

1994

1995,6,7,8,9 Brian, AB6UI

2000,1,2 Bruce, W6BLS

2004,5,6 Ed, N6EG

2007 - 2014 Barry, KG6NWJ

2015, 16, 17 – Dale Birmingham, WB6MMQ

2018-19 Mike, N6MDV (Past President)

2020, 21 – Brian, AB6UI (President)

**How To:** **Wires-X** can be found at [K7REA.com](http://K7REA.com)

**Southern California Band Plans:**

**Tasma** – 2 Meters

<http://www.tasma.org/TASMA-2m-Band-Plan.pdf>

**220SMA Band Plan** – 1 ¼ Meters

<http://www.220sma.org/index.htm>

**SCRRBA (Southern California Repeater and Remote Base Assoc.)** – 440 mHz (70 cm) and up

<http://www.scrba.org/BandPlans/BandPlans.htm>

Morning Schedule:

Winter	Summer	Local	Mode	Days
1400 UTC	1300 UTC	(6 AM PDT)	CWs	Wed, Fri
1400 "	1300 UTC	(6 AM PDT)	CWf	Tue, Thu

Afternoon/Evening Schedule:

2100 UTC	2000 UTC	(1 PM PDT)	CWf	Mon, Wed, Fri
2100 "	2000 "	"	CWs	Tue, Thu
2200 "	2100 "	(2 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM
2300 "	2200 "	(3 PM PDT)	DIGITAL	Daily, Digital Bulletin
0000 "	2300 "	(4 PM PDT)	CWs	Mon, Wed, Fri
0000 "	2300 "	"	CWf	Tue, Thu
0100 "	0000 "	(5 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM
0200 "	0100 "	(6 PM PDT)	DIGITAL	Daily, Digital Bulletin
0245 "	0145 "	(6:45 PM PDT)	VOICE	Daily, Voice Bulletin
0300 "	0200 "	(7 PM PDT)	CWf	Mon, Wed, Fri
0300 "	0200 "	"	CWs	Tue, Thu
0400 "	0300 "	(8 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM



Frequencies (MHz)

CW:	1.8025	3.5815	7.0475	14.0475	18.0975	21.0675	28.0675	50.350	147.555
DIGITAL:	-	3.5975	7.095	14.095	18.1025	21.095	28.095	50.350	147.555
VOICE:	1.855	3.990	7.290	14.290	18.160	21.390	28.590	50.350	147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 & 15 WPM  
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM  
 CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.  
 DIGITAL = BAUDOT (45.45 baud) BPSK31 and MFSK16 in a revolving Schedule.  
 Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and alternate speeds.

**W1AW Qualifying Runs:** [for more info: [www.arrl.org/qualifying-run-schedule](http://www.arrl.org/qualifying-run-schedule) ]

Starting 2020. W1AW will transmit Qualifying Runs up to 16 times per month.  
 Time is PST: [10 – 35 wpm – **Bold 35, 40 – 10 wpm**] – on CW Frequencies listed above.

Month	6 AM	1 PM	4 PM	7 PM	6 AM	1 PM	4 PM	7 PM	6 AM	1 PM	4 PM	7 PM	6 AM
May	5/17		5/19	<b>5/18</b>		5/20			<b>5/24</b>	<b>5/26</b>	5/27		
June		6/7	<b>6/8</b>	6/9	6/10	6/13	6/15		<b>6/16</b>			6/17	
June	6/20			<b>6/22</b>			6/23	6/27	<b>6/28</b>	<b>6/30</b>			



**West Coast Qualifying Runs:**

Wed May 25 @ 9 PM PDT (0400 UTC on May26) on 3590 & 7047.5 kHz by K9JM 10 – 35 wpm  
 Sat. June 18 @ 2 PM PDT (2100 UTC) on 3581.5, 7047.5, 14047.5, 18097.5 & 21067.5 kHz 10 – 40 wpm

Earn your Code Proficiency certificate by legibly coping at least 1 minute of text by hand and mailing the sheet to: W1AW Qualifying Runs, 225 Main St., Newington, CT 06111. Include \$10 (check or money order) if this is a submission for your initial Code Proficiency certificate; \$7.50 if you are applying for an endorsement (available for speeds up to 40 wpm). Your test will be checked against the actual transmissions to determine if you have qualified.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The monthly W1AW Qualifying Runs are presented here, also. The audio (real-time) runs concurrently with W1AW's regular transmission schedule.

**K1USN Radio Club Announces Weekly Slow-Speed CW Contest**

The K1USN Radio Club in Massachusetts is launching a new weekly, hour-long, slow-speed contest, the [K1USN SST](#). **Fridays 1:00-2:00 pm PDT** (2000z -2100z) and **Sundays, 5 to 6 PM PST** (Monday 0000-0100 UTC) Suggested frequencies: 3.532 - 3.539; 7.032 - 7.039 MHz, & 14.032 - 14.039 MHz. Exchange name & s/p/c. Read [more](#).

**The Straight Key Century Club (SKCC):** [http://www.skccgroup.com/member\\_services/beginners\\_corner/](http://www.skccgroup.com/member_services/beginners_corner/)  
 SKCC Beginner's Corner - Monthly Straight Key Night (SKN) is on the 1st of each month. It is not a contest. No logs are submitted. The Elmer frequency is **7114 KHz**. It's a safe haven for CW newcomers. Elmers are encouraged to monitor the frequency and work the CW beginners, some of whom may have had a license for many years.

### Cross Link Repeater Setup.- FT-8100 UHF to VHF (K6DCS)

A surprise was that the UHF side worked a regular repeater without an external Duplexer. The 5 mHz split on UHF helps make that possible.



as



This shows the club's 20 foot push-up mast with a Tram 1480 high gain Omni directional antenna up on Overlook Fire road.

The 100 watt solar panel is serving two functions. It is charging the three 100 Amp-Hours batteries that are in the shade under the panel. The Radio is also under the panel, keeping cool in the heat of the day.

Below, the view as Michael, N6MHD and Howard, KE6MAK left the repeater site. The antenna can be seen on the left.



**July 1, 2021 – June 30, 2022 CLUB OFFICERS****Elected Officers:**

<b>PRESIDENT:</b>	Brian, AB6UI	AB6UI at AOL.com
<b>VICE PRESIDENT:</b>	Howard, KE6MAK	Karse1 at DSLextreme.com
<b>SECRETARY:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>TREASURER:</b>	Paul, KK6TAC	PAGeisel at Verizon.net
<b>STATION MANAGER:</b>	Michael, N6MHD	N6MHD at ARRL.net
<b>Available PAST PRES.:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net

**Committees:**

<b>NEWSLETTER EDITOR:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>QUARTERMASTER:</b>	Michael, N6MHD	N6MHD at ARRL.net
<b>WEB MASTER:</b>	Richard, KM6FP	RunFarr at Gmail.com
<b>YAHOO GROUPS:</b>	Richard, KM6FP	RunFarr at Gmail.com ( <a href="http://groups.yahoo.com/w6ha">http://groups.yahoo.com/w6ha</a> )
<b>MEMBERSHIP:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>SCRRBA REP:</b>	Ray, WA6NVL	WA6NVL at ARRL.net
<b>MEETING HOST:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>CLASS Coordinator:</b>		
<b>FIELD DAY Coordintrs :</b>	Brian, Dale, Howard	See above
<b>NET COORDINATOR:</b>	Howard, KE6MAK	Karse1 at DSLextreme.com
<b>RACE COORDINATOR:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>ANT. TRAILER Coor:</b>	Brian, AB6UI	AB6UI at AOL.com
<b>RAYTHEON Coor:</b>	Ken, KI6YDN	KSIMP1022 at AOL.com

**CLUB REPEATER:** W6HA 445.620 MHz (-) PL 127.3 Hz Location: Bldg. R1 roof  
**Packet** (node :hughes) 145.61s W6HA; **Wires-X** Room: 40909; Node: 30909

**HARC Repeater Nets: Wednesdays, 7:30 PM (0330 UTC Thursdays)**

**Thursdays, 12:05PM (2005 UTC) RTN ECT – All are welcome**

**South Bay ARC Net: Thursdays at 7:30 PM on W6SBA/R, 224.38, PL 192.8**

**LAFD CERT Net: 1<sup>st</sup> Tuesday of the month, 7:00 PM PT**

**HAC NET: Hughes ARC - 14.233 mHz +/- QRM - Inactive**

**Club Shack:** The club shack is in E1, Lobby D. There is a Kenwood TS-520 HF radio connected to a 40 –10 meter end fed dipole. This station is open to all club members. ( I would be happy to give a tour of the HF station in "Lobby D" to club members. Michael, N6MHD ) **But after covid-19 restriction are removed.**

**Club Newsletter:** If you have items that would be of interest to the club, any comments, letters, or items for sale or trade please email it to Dale, WB6MMQ DGBirmingham (at) Gmail (dot) com. If anyone needs a club application, please contact Membership Chair: Dale, WB6MMQ and one will be sent to you.

**Club Roster:** Hardcopy available at meetings or contact the club membership chairman Dale, WB6MMQ

**Web Site:** [www.W6HA.org](http://www.W6HA.org) ;.net and ,com will also get you there.

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