



# The Transponder



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

June 16, 2023

Repeater: 445.620 – PL 127.3

Website: W6HA.org

Vol. L, No. 6

**\*\*\* CLUB MEETING (In-Person) \*\*\***

**\*\*\* NEW LOCATION \*\*\***

**Meeting Notice: Where:** \*\*\* **El Segundo MASONIC Center** \*\*\*  
**Location:** **520 Main St., El Segundo, CA 90245**  
(Parking available on Main St and off allybehind & along side the building)  
**Date:** **Tuesday, June 20, 2023**  
**Time:** **Pre-Meeting: 11:45 Gather, Exchange Greetings [Setup 11:30]**  
**Meeting Call to Order: 12:00 to 1:00 PM**

**Featured Presentation:**

**Field Day Planning**  
**Solidify Plans**

**Up Coming Events:**

**June 23, 24 & 25 Field Day – Redondo Beach, Wilderness Park**  
2023 – Hughes ARC’s 50<sup>th</sup> Anniversary Year as a Radio Club

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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) – 16 oz Water (50 cents)

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

**Wednesday Evenings at 7:30 PM – Trivia Net on Repeater** (then Simplex @ 146.550), then C\$FM Digital  
**Thursdays Noon (12:05 PM) RTX & others** Em Comm Teams (ECT) -1<sup>st</sup> Thursday Formal – others Round Table

Transponder deadline for Submittal of Articles: Wednesday before the third Tuesday of the month.

**Club News:****2023 Field Day - W6HA – June 24, 25****(Setuo Friday 23<sup>rd</sup>)**

**Pine Campground at Redondo Beach's Wilderness Park** is indeed secured according to our Field Day Co-Chairman and President, Brian, AB6UI. On Friday morning at 10 AM we start setup in earnest. The Portable Tower will be moved to the pad in Pine Campground at 10:00.

Others that are bringing tables, tents, generators and power cords will be loading up at various locations as early as 9 AM. By Friday evening, at least one radio will be able to copy the Field Day message from W1AW. There are usually some last minute things to do Saturday morning and the Operating Period (some say contest) begins at 11:00 AM (1800z).

The plan remains flexible. If you would like to operate or help log, please stop by and let us know. There will be a GOTA station for the neophyte with a coach. A great opportunity for double or triple bonus points, if the neophyte manages 20 QSOs.

**Station Captains:** Station Captains are as follows: But, all will appreciate help.

1. **20 Meters, Brian, AB6UI;**
2. **80/15 meter station** in MMQs Big Blue tent – Dale, WB6MMQ Captain, “but, at 79 years young, I’ll need help, setting up and operating.”
3. **40/10 Meters** is **Dick, W1MII**. Ten Meters is starting to pick up. Check the solar report.
4. **VHF/UHF, Howard, KE6MAK, Ray, WA6NVL,** will go for Satellite contacts
5. **GOTA Station, Dick, W1MII & Bill, KM6HVK,** Techs that want a taste of Field Day, here is your chance. Make 20 contacts with a coach supervising for 60 points of score.
6. **Message Origination** (10) Brian, AB6UI & Phil, K6PNJ will use Win-Link (Ham Radio’s email)
7. **Info / Talk-in Table, Alice, KK6MFL**  
Provides contact point for Visitors. She will have Sign-In sheets for Club participants and for Visitors. These are both needed with our log submittals.
8. **Logging Computers** and network setup. Betty, N6VZF, is setting up the logging computers and checking out the Router and Switch.
9. **Safety Officer** – Phil, N6PNJ, Past Safety officer has provided his kit for this year’s officer to

cover safety issues. He recommends that you bring safety Glasses, a hard Hat and glove during setup and tear down activities.

10. **Food coordinator** – **Kim, KW6KIM,** has taken this on this year. This can be simply ordering pizza or sandwiches, perhaps a ‘Six 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 (overhead to avoid trip hazards) to the generator in the maintenance yard.
3. Running the E-Net cables (also overhead) 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 – often by 3PM, and on our way home. But this “Decamping” needs plenty of hands and a truck or two. So our **Second ‘In-Person’ Field Day,** since the Covid, is on. Field Day 2023, **June 24-25, 2023,** always the last **full weekend** in June. But the main setup day is the **Friday before, June 23<sup>rd</sup>**.

BTW – If participating at home, you can still indicate your club affiliation as ‘**Hughes Amateur Radio Club**’ on your submittal.

Dale, WB6MMQ

**SAMO100 - Debrief**

The Club supported the SAMO100, a 100 Mile foot race in the Santa Monica Mountains in early June. Arrangements were made so that most of us could have a split shift, a relief operator, or some down time during the 32 hours of the race.

Prior to the Race, permission was requested, from the control operators, to use the K6DCS repeater with a connected Cross Band repeater, so that the whole range of the course was covered.

Here are excerpts from post comments that some of the operators submitted:

Mike, AJ6HW- Yerba Buena: As a side note, my complements to the aid station crew. In addition to the usual runner fare [of salt tables and electrolyte

water-ed] they were grilling hamburgers with all the trimmings and even making nachos. I ate better than at any previous race. Woo!

Kevin, KD6NCA: Yerba Buena generally has a very good view of runners. Coming from Danielson, they appear on a western peak and hit several switchbacks, so it's about 10-15 minutes from initial sighting to arrival. From Encinal (at night), they also appear as lights on a remote south-eastern peak and can be followed for about 5-10 minutes before disappearing into the slight valley leading up to Yerba Buena; from initial sighting to arrival is about 30-45 minutes.

As always, I greatly appreciate the fine work of Net Control, as well as, the other stations. The information about DNS/DNF, first and last runners, etc., really made it easy to keep track of the runners and overall status. I had answers at the ready for most of the aid-station questions thanks to the flow of information on the net.

Tom, KJ6CLV, Kanan-Dume (100 mile turn-around): KD was a nice assignment, since the park service required a porta-potty and there are also street lamps along that stretch of road. Not quite bright enough to do paperwork, but it meant that headlamps weren't necessary for packing up. Communications to the repeater was excellent, as the antenna can be seen from the location once the clouds cleared. One person can handle the position as the runners are very spread out and only seen once. We never had more than 4 ever show up around the same time and that was rare.

Mark, KD6TJU, Danielson: This was a great event. Everything seemed to go very well. The cross band machine seemed to work flawlessly this year. I set up a mobile radio with an elevated mobile antenna but ended up using a handheld and speaker/mic. The [dual band-Ed] radio stayed on my hip and I used the rubber duck antenna that came with the radio. It worked well at my location.

I monitored other stations besides Net Control and updated my master sheet of the DNFs and Changes to 100K. As usual, Net Control did a great job conveying information. Well Done.

Nick, K6SOT, Danielson: The setup at Danielson Ranch was *excellent* - Mark's Starlink and Generator/RV setup made it very easy to comfortably track in-bound and out-bound runners. The other

aid workers at the site were excellent and well organized.

The Danielson campsite is totally accessible by a 2WD vehicle from the North Gate - it's fully paved until the actual site which is very flat dirt and grass. However, if you want to get out a non-gated way or get over to Two Foxes, you must have a high-clearance 4WD vehicle that can go across streams and washouts. Thanks all, especially Mark!

Thank You to all the volunteers who made our support of this race possible.

Dale, WB6MMQ

## [Contests/Special Events: May/June & All of 2023](#)

[June:](#) **Field Day** - **Article:** [page 2](#) - [Rules](#)

[July:](#) July 8 1200z to July 9 1200z

**IARU HF World Championship, CW, ph.**

**Objective:** To support amateur self-training in radio communications including improving amateur operating skills, conducting technical investigations, and intercommunicating with other amateurs around the world, especially IARU member society headquarters stations, using the 160, 80, 40, 20, 15 and 10 meter bands. [Rules](#)

## [ARRL Letter - Excerpts of Possible Interest](#) [2023 Field Day: T-Minus 1 Week!](#) 2023

ARRL Field Day is just a week away and social media is bristling with posts and stories about amateur radio operators getting ready for the big operating event. ARRL will be live streaming on [YouTube](#) from [W1AW, the Hiram Percy Maxim Memorial Station](#) at ARRL Headquarters in Newington, Connecticut. Hams from around the world will get the chance to have their local event featured in the live cast by tagging ARRL in their photos and videos on [social media](#). Include the hashtag #ARRLFD with your posts, and your content might wind up featured!



On the pre-check list are antennas, transceivers and different types of power supplies, site locations, all

-weather gear, and make-shift operating tables. Also remember to have sunscreen, snacks, and plenty of water. Be sure to do a quick check of the [rules](#) (there are a few minor changes since last year), coordinate with friends and other operators, and synchronize timekeeping devices.

But getting ready is just part of the fun of Field Day, as gathering with your local amateur radio community and making contacts is a reward in itself! Whether you make one or 100 contacts, hearing a return to your CQ is what makes Field Day special. In 2022 nearly 30,000 operators made over 1.2 million contacts -- now that's exciting!

ARRL has several web pages that can help make help you make sure are ready. Check out [ARRL's Field Day website](#) for the information you'll need from start to finish including the event dates and times. Field Day is always the fourth full weekend in June. This year's event will begin at 1800 UTC on Saturday, June 24 and run until 2059 UTC on Sunday, June 25.

The web page also includes a link to the [ARRL Field Day Facebook Group](#) where you can share information, ask questions, and use the use hashtag #ARRLFD on to receive 100 bonus points!

**ARRL Bulletin - Rules Changes Announced for 2023 ARRL Field Day**

A new 500 W peak envelope power (PEP) transmitter output category has been introduced for Class A, B, and C stations only. Changes to the Get on the Air (GOTA) station scoring have also been made this year. Contacts made from the GOTA station are worth 5 points, regardless of mode, with no limit to the number of contacts that can be made. Stations can earn a GOTA Coach bonus of 100 points for having a coach supervise at least 10 of the contacts made and logged at the GOTA station.



In addition, changes have been made to the Radio Amateurs of Canada (RAC) section list. The Maritime (MAR) Section has been eliminated, making New Brunswick (NB) and Nova Scotia (NS) individual sections. The Greater Toronto Area section has been renamed Golden Horseshoe (GS) and Northern Territories has been renamed Territories

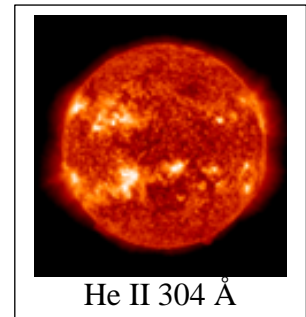
(TER). Participants should make sure their logging software has been updated to reflect these changes. For a complete list of ARRL/RAC Sections, see <https://contests.arrl.org/contestmultipliers.php?a=wve>.

ARRL Field Day will be held on June 24 - 25, 2023. For more information and complete rules, visit <https://www.arrl.org/field-day>.

**The K7RA Solar Update – ARLP019**

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP024:

Solar activity declined this week, with average daily sunspot numbers dropping from 139 to 122, and the average daily solar flux decreasing from 166.8 to 154.8. This contrasts the current reporting week of June 8 - 14 with the previous 7 days.



The average daily planetary A index decreased from 7.3 to 5.7, and average daily middle latitude A index from 8.6 to 6.7.

On June 14, [spaceweather.com](https://spaceweather.com) reported two new sunspot groups emerging across the sun's south-eastern horizon.

Forecasters Gervase and Kiser of the U.S. Air Force predict that the solar flux will be 150 on June 15 - 16; 155 on June 17 - 18; 150, 155, 155, and 165 on June 19 - 22; 170 on June 23 - 25; 168, 165, and 162 on June 26 - 28; 160 on June 29 through July 4; 165 on July 5; 170 on July 6 - 8; 155, 157, 153, and 160 on July 9 - 12; 150 on July 13 - 14, and 155 on July 15 - 17.

Predicted planetary A index is 8, 14, 10, and 8 on June 15 - 18; 5, 5, and 8 on June 19 - 21; 5 on June 22 - 26; 12 on June 27 - 28; 5 on June 29 - 30; 12 and 8 on July 1 - 2; 5 on July 3 - 7; 12 on July 8 - 10; 5, 5 & 12 on July 11 - 13 & 10 on July 14 - 15.

These predictions look great for ARRL Field Day (June 24 - 25) because solar flux peaks at 170 on June 23 - 25, and the predicted planetary A index is a nice, quiet 5 on June 22 - 26. Next week, we will present an updated forecast just prior to Field Day weekend.

Follow the link below for an image of the ISS over a sunspot: <https://bit.ly/3NgsByW>  
More sunspots can be seen at the following link: <https://bit.ly/3Nt5Ys6>

Sunspot numbers for June 8 - 14, 2023, were 149, 152, 116, 116, 116, 98, and 107, with a mean of 122. The 10.7-centimeter flux was 168.5, 164.3, 161.2, 153.8, 146.1, 146.3, and 143.5, with a mean of 154.8. Estimated planetary A indices were 5, 4, 5, 9, 6, 6, and 5, with a mean of 5.7. Middle latitude A index was 6, 6, 4, 10, 8, 8, and 5, with a mean of 6.7.

Send your tips, questions, or comments to [k7ra@arrl.net](mailto:k7ra@arrl.net).

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean..." and [check out](#) the Propagation Page of Carl Luetzelschwab, K9LA.

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

A weekly, full report is posted on [ARRL News](#)

### Just Ahead in Radio Sports

(T=Contest; P=Party, S=Sprint)

Yearlong -- [ARRL Volunteers On the Air](#) (VOTA).

See the State Activations Schedule for weekly [W1AW Portable Operations](#), including:

- June 28 - July 4 -- Maryland W1AW/3
- June 28 - July 4 -- Illinois W1AW/9
- July 5 - July 13 -- Hawaii W1AW/KH6
- July 12 - July 18 -- Wisconsin/W1AW/9

### Contests:

- June 16 -- SARL Youth QSO Party (ph)
- June 17 -- Pajajaran Bogor DX Contest (ph)
- June 17 - 18 -- All Asian DX Contest (CW)
- June 17 - 18 -- SMIRK Contest (CW, ph)
- June 17 - 18 -- IARU Rgn 1 50 MHz T (CW, ph)
- June 17 - 18 -- Stew Perry 160M Challenge (CW)
- June 17 - 18 -- West Virginia QSO P (CW, ph, dig)
- June 17 -- Feld Hell Sprint (dig)
- June 17 -- ARRL Kids Day (ph)
- June 18 -- WAB 50 MHz (ph)
- June 21 -- NAQCC CW Sprint (CW)
- June 21 -- VHF-UHF FT8 Activity T FT8 (FT8)
- June 22 -- RSGB 80m Club Champ, SSB (ph)
- July 8-9 - IARU HF World Championship, CW,ph.

See the [ARRL T 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. All dates & times are UTC.

## ARRL Section, State and Division Conventions / Hamfest

In the West or near members anywhere:

July 29 | [CVARC 2023 Hamfest](#), hosting the ARRL Pennsylvania State Convention, Chambersburg, Pennsylvania

August 12 - 13 | [2023 ARRL Rocky Mountain Division Convention](#), Albuquerque, New Mexico

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

A list of all ARRL-sanctioned hamfests and conventions is published at [www.arrl.org/hamfests](http://www.arrl.org/hamfests) and includes these upcoming events:

## Announcements

The [Annual 13 Colonies Special Event](#) will take place July 1 - 7, 2023. The 13 Colonies Special Event is an on-air amateur radio event honoring the original 13 colonies, US independence, active military personnel, and veterans. All amateur radio operators are welcome to participate, including shortwave listeners. Certificates will be available for all participants. Each US state that was one of the original 13 colonies has a special call sign. All HF bands will be open, including the WARC bands, *with the exception of 60 meters*. Simplex on 2 and 6 meters is encouraged and the use of 40 - 160 meters is encouraged for stations in the southern east coast. All modes of operation may be used, including SSB, CW, RTTY, and digital. The mode of operation is up to the individual colony/state station. Please refer to each special event station's [QRZ](#) page for more details and information.

Author Unknown

I always take life with a grain of salt, plus a slice of lemon, and a shot of tequila.  
*My doctor, Jack Daniels M.D., told me to stay away from all that stuff, especially salt, and drink his 90 proof Tennessee sour mash whiskey straight. However, there is a much better old saying that I follow which states Brandy is dandy and liquor is quicker, but red wine is very good for the ticker.*

*Italics ... Fred Schilling, KK6SZX*

**FOR SALE:** W2ENY remote interface for ICOM 746 or 706 \$25

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-1743

**FOR SALE:** Vibroplex chrome deluxe base vibrokeyer. Red paddles. \$100

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-1743

**FOR SALE or Trade:** RIGBLASTER model M8C multi-mode interface in box. Manual shows hookups for Icom, Yeasu, Kenwood, Ten-Tec and many others. Factory software included. \$ 40.

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**WANTED:** COMET/DIAMOND 144/430 base antenna – **Available for Trade:** DIAMOND F-23 big base antenna 145 mHz.

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**FOR SALE:** Vibroplex VibroKeyer single lever keys:

1. Tan base standard 1960s sn scale 9 out of 10, Looks Great \$100 obo

2. Chrome base deluxe 1960 sn mid 60s very light pitting on top of base. 8 out of 10. \$100

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**FOR SALE:** White Marble Base

HEAVY - for straight key or ???? Several sizes \$5ea

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**FOR SALE:** Coax, New, RG152/RG316 teflon/silver, 50 ft. with special PL259 reducer \$20

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**FOR SALE:** Transceiver, 40 meters, QRP, ¼ to ½ watt (7.030 mHz) w/key, phones & antenna; needs 9-12v Battery; Built into a plastic case, \$20

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**FOR SALE:** Crystals – 40 meters - 7.023, 7.122, 7.114, 7.110, 7.045, 7.040, 7.055, 7.050, 7.035; Only 1 of each! \$3.00 Each

Contact: [Richard5@flash.net](mailto:Richard5@flash.net) or 424-301-7516

**Lunch Kitty Financials:**

Lunch Kitty Financials:		April	2023
Attendance: 12			
		Lunch Kitty, Starting Balance:	<b>\$256.00</b>
<b>Expenses:</b>	Pizza (3), Salad =	\$95.00	
	Soda: 11 @ 0.70 =	\$7.75	
	Water: 1 @ 0.25 =	\$0.25	
		Food Total:	\$103.00 \$153.00
<b>Income:</b>	Lunch: =	\$127.50	\$280.50
Room Rent - To General Fund:		\$0.00	\$280.50
		Starting Kitty for Apr. 18, 2023 Mtg.	<b>\$280.50</b>
April	<b>Gain / Loss:</b>	<b>\$24.50</b>	

Lunch Kitty Financials:		May	2023
Attendance: 9			
		Lunch Kitty, Starting Balance:	<b>\$280.50</b>
<b>Expenses:</b>	Pizza (3), Salad =	\$95.00	
	Soda: 9 @ 0.72 =	\$6.50	
	Water: 1 @ 0.25 =	\$0.25	
		Food Total:	\$101.75 \$178.75
<b>Income:</b>	Lunch: =	\$96.75	\$275.50
Room Rent - To General Fund:		\$0.00	\$275.50
		Starting Kitty for Apr. 18, 2023 Mtg.	<b>\$275.50</b>
May	<b>Gain / Loss:</b>	<b>\$5.00</b>	

Some cause happiness wherever they go. Others whenever they go.

Why does someone believe you when you say there are four billion stars, but check when you say the paint is wet?

A bus station is where a bus stops. A train station is where a train stops.

On my desk, I have a work station.

**Ralphs Community Programs**

**Quarterly Statement for UE312 - HUGHES AMATEUR RADIO CLUB**

**01-Mar-2023 to 31-May-2023**

4 Households

**Total Donations**

**\$ 38.69**

**Select DX News** (QRV = Ready! or Are you Ready?)**ARLD024 DX news** [Note: 'T' = contest]

This week's bulletin was made possible with information provided by JG7PSJ, LU4AAO, XQ7UP, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

MALAWI, 7Q. Jerry, W1IE and Bill, K4CD will be QRV as 7Q7WW from **June 21 to July 3**. Activity will be in their spare time on the HF bands and 6 meters using CW, SSB, RTTY, and FT8 in DXpedition mode. QSL via operators' instructions.

GABON, TR. Roland, F8EN is QRV as TR8CR **until August 12**. Activity is on the HF bands using CW. QSL via F6AJA.

EASTER ISLAND, CE0. Operators XQ3PCN, CA3YMR and CE3KEY are QRV as CE0Y/XQ3PCN **until June 18**. Activity is on 40 to 10 meters using SSB and FT8. QSL #2

PHILIPPINES, DU. Yevgeniy, UN2G is QRV as DU3/UN2G from Villa Rosenda, Talugtug **until June 23**. Activity is on the HF bands, and 5 meters, using CW, SSB, and FT8. QSL #1

NORTH COOK ISLANDS, E5. Warwick, E51WL has been QRV on 12 meters using FT8 about 0700 to 1100z, & FT4 between 2100 to 2200z. QSL #1

ETHIOPIA, ET. Robert, W9XY and Ken, K4ZW will be QRV as ET3AA **from June 19 to 23**. Activity will be on 40 to 6 meters using CW, SSB, and FT8. QSL via N2OO.

MARIANA ISLANDS, KH0. Harry, JG7PSJ will be QRV as WH0RU from Saipan, IOTA OC-086, **from June 21 to 27**. Activity will be on 40 to 10 meters using CW and SSB. QSL #1

MAYOTTE, FH. Marek, FH4VVK is QRV **until June 2024** on the HF bands & 6M using SSB and FT8 and soon be using RTTY. QSL #1

VIET NAM, VX. Gran, UA3AA is QRV as XV9G from Mui Ne for an extended time [listed 06- 2023-ed], on 40 - 6M using CW/SSB. QSL #4.

ARGENTINA, LU. Members of the Radio Club QRM Belgrano will be QRV as LU4AAO and other calls **from June 17 to 25** to commemorate National Flag Day. Activity will be on the HF and V/UHF bands using CW, SSB, SSTV, and FT8. QSL via LU4AAO.

PAPUA NEW GUINEA, P2. Gio, ZL3SSB is QRV as P29VBR from Port Moresby **until June 21**, in his spare time on the HF bands. QSL #1

SUDAN, ST. Sudan Amateur Radio Union ST0HQ has been QRV on 20 meters using SSB between 0050 and 0200z. QSL via ST2M.

PALAU, T8. Nobu, JA0JHQ is QRV as T88PB from Koror, IOTA OC-009, **until June 19**. Activity is on HF bands using CW, SSB & FT8. QSL #5

DUCIE ISLAND, VP6. A group of operators are QRV as VP6A **until June 24**. Activity is on 160 to 6 meters, with five stations active, using CW, SSB, and FT8. QSL via HA7RY.

FALKLAND ISLANDS, VP8. Station VP8GGM will be QRV on June 17 and 18 from the historic harbor at Port Stanley, IOTA SA-002, and from the war museum Goose Green during International Museum Weekend. QSL direct to VP8ADR.

LAKSHADWEEP ISLANDS, VU7. Yuris, YL2GM is QRV as VU7W from Minicoy Island, IOTA AS-106, **until June 18**, on the HF bands and 6M using CW, SSB, and FT8. QSL #1

MACAO, XX9. Leong, XX9ET has been QRV on 20M using FT8 around 1400z. QSL via LoTW.

MYANMAR, XZ. Akio, JE2QIZ is QRV as XZ2B from Yangon until the **end of September**. Activity is on 15, 12, 10 & 6M using CW. QSL via JH3SIF.

VANUATU, YJ. Chris, VK2YUS, will be QRV as YJ0CA from Efate Island, IOTA OC-035, **from June 17 to 28**. Activity will be on 40 to 10 meters using SSB. QSL direct to home call.

EQUATORIAL GUINEA, 3C. Ersoy, TA2OM is QRV as 3C3CA from Malabo and here for another **two months**. [Until August 2023-ed] Activity is on the HF bands and 6 meters using FT8. QSL#1

ETHIOPIA, ET. Ulli, DL9WVM is QRV from club station ET3AA in Addis Ababa **until July 14**, between 0630 and 1400z. QSL via N2OO.

CANADA, VE. In commemoration of the coronation of King Charles III, **until July 2** radio amateurs here may change their call sign prefixes. VA changes to CJ, VE to CK, VO to CY & VY to CZ.

NETHERLANDS, PA. Special event call signs PA100K, PA100M, and PA100PCG are QRV **until June 30** to commemorate the two-way telegraph

service that started up from Radio Malabar to Radio Kootwijk. QSL via bureau.

INDIA, VU. The Indian Radio Amateur Organization is QRV as AU40NRO **until June 30** to celebrate its 40th anniversary. QSL via VU2NRO.

FEDERAL REPUBLIC OF GERMANY, DA. Spcl call DR0LIMES is QRV **until June 30** in honor of German World Heritage Day. QSL#2

FEDERAL REPUBLIC OF GERMAN, DA. Special event station DR100XRAY is QRV **until June 30**, the 100th anniversary of the death of Wilhelm C. Roentgen, the physicist whose discovery of X-rays revolutionized diagnostic medicine. QSL #3

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

UNITED ARAB EMIRATES, A6. Special event station A60AP is QRV **until August 31, 2023** to commemorate the Astronaut Program. Look for special event stations A60AP/0 to A60AP/14 to also be active during the event. QSL#2

SAINT BARTHELEMY, FJ. Phil, K2LIO is QRV as FJ4WEB **until August 15**. Activity is on 40 to 10 meters using SSB. QSL to home call.

POLYNESIA, FO. Didier, F6BCW is QRV as FO/F6BCW from Huahine Island, IOTA OC-067, **until October 25**, on 80 to 6M using CW & SSB QSL via F6EXV.

**Until End of 2023**

NORWAY, LA. The Akademisk Radioklubb LA1K celebrates its 100<sup>th</sup> anniversary with the call sign LA100K **throughout 2023**. QSL via LA1K.

SERBIA, YU. Members of the Serbia Amateur Radio Union of Vojvodina are QRV with special call YU75SRV **until December 31, 2023** to celebrate the club's 75th anniversary. QSL #2

ANTARCTICA. Sunny, VU2CUW is QRV as AT42I from Maitri Station **until Dec. 2023**. Activity is holiday style. QSL via VU2CRS.

NORWAY, LA. Special Event station LA100K is QRV from Trondheim during **all of 2023** to commemorate 100 years of the Akademisk Radioklubb, one of the oldest ham clubs in the country. QSL#3

AUSTRALIA, VK. Special event station VI75G is QRV **during all of 2023** to celebrate the 75th anniversary of the Geelong ARC. QSL #4

SWEDEN, SM. Special event station 8S80AA is QRV **during all of 2023** to celebrate the 80th anniversary of the Vasteras Radio Klubb, SK5AA. QSL direct to SM5FUG.

PAPUA NEW GUINEA, P2. David, VK4FABN is QRV as P29DT from Tabubil in the Star Mounts in the North Fly District of the Western Province. Activity is holiday style on 40, 20, 15, and 10 meters using CW and SSB. **[listed Jan., '23 - ed]** QSL via LoTW.

**Until 2024**

MAYOTTE, FH. Marek, F4VVJ will be active as FH4VVK from **until April 1, 2024**. Operations will be on various HF bands and modes. QSL direct (see QRZ.com) or eQSL

WALLIS AND FUTUNA ISLANDS, FW. Jean, F4CIX intends to stay on Wallis Island, IOTA OC-054, for another 2 years **[until Sept 2024 - ed]** is QRV as FW/F4CIX. Activity is on 40 to 10M using SSB, FT8, and FT4 mainly between 0630 and 0915z. QSL via LoTW.

**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 Per 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

**Brilliant Stuff -Author(s) unkown**

Light travels faster than sound. This is why some people appear bright until you hear them speak. *If you could travel faster than light, you would still be at the starting point after you had left. (Relativity Theory—not a joke)*

Change is inevitable, except from a vending machine. *Change is the only thing that is permanent.*

*Added Italics ... Fred Schilling, KK6SZX*



**AMATEUR RADIO LICENSING EXAMS:**

TRW Swapmeet 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))

**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™](http://www.arrl.org/exam-review) 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 Officers:****Western Area Director:**

Dick Norton, N6AA

[N6AA@arrl.org](mailto:N6AA@arrl.org)

**ARRL LAX Section Officers:**

Section Manager: Diana Feinberg, AI6DF

[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) .

**Los Angeles Area Council of ARCs**

President: Mark Seigel

[Mark.Seigel@Gmail.com](mailto:Mark.Seigel@Gmail.com)

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

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

ARRL [RF exposure calculator](http://www.arrl.org/rf-exposure-calculator)

Link: [TRW license test](http://www.trw.com/license-test)

**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](http://www.youtube.com/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>

W1AW Operating Schedule (Edited - Note: Local time stays the same, UTC varies w/DST)

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
June	6/20		6/22	<b>6/21</b>	<b>6/27</b>			6/28		<b>6/29</b>			
July		7/5		7/6	7/7	7/10	7/12		<b>7/13</b>			7/14	
July			7/17	<b>7/19</b>	7/20	7/21		7/24	<b>7/25</b>	<b>7/27</b>	7/28		



**West Coast Qualifying Runs:**

Sat June 17 @ 2 PM PST (2100 UTC) on 3581.5, 7047.5, 14047.5, 18097.5 & 21067.5 kHz by K6KPH – 10 – 40 WPM  
 Wed July 26 @ 6 PM HST (0400 UTC ON July 27) on 7047.5 & 14047.5 kHz by KH6TU – 10 TO 40 WPM

Earn your Code Proficiency certificate by legibly copying 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.

**July 1, 2022 – June 30, 2023 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 (Calling Freq for Slow Scan TV)

**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 ) **After covid-19 restriction – now – Mask Required!**

**Club Newsletter:** If you have items that would be of interest to the club, any comments, letters, or items for sale or trade, send an 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 & .com will also get you there.

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