



The Transponder



The monthly newsletter of the [Hughes Amateur Radio Club, W6HA](http://www.w6ha.org)
- An ARRL affiliated club -

October 13, 2023

Repeater: 445.620 – PL 127.3

Website: W6HA.org

Vol. L, No. 10

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

Meeting Notice: Where: **Masonic Center, El Segundo**
Location: **520 Main Street, El Segundo, CA 90245**
Date: **Tuesday, October 17, 2023**
Time: **Pre-Meeting: 11:45 Gather, Exchange Greetings [Setup 11:30]**
Meeting Call to Order: 12:00 to 1:00 PM

Featured Presentation:

Quansheng – The Baofeng Killer

by Michael, WB6DJI



Up Coming Events:

October, 3rd weekend – JOTA (Jamboree On-The-Air) KYC
Dec. 2 2023 – Ray Miller 50/50 Ultimate Race
2023 – Hughes ARC’s 50th 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 C4FM Digital
Thursdays Noon (12:05 PM) RTX & others Em Comm Teams (ECT) – Round Table

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

Club News:**JOTA – The KYC Yacht Club along with W6HA’s Tower will host a JOTA Ham station this year. Hughes ARC members are all encouraged to attend.**

Jamboree-on-the-Air, or JOTA, is an annual Scouting event that uses amateur radio to link Scouts across town, across the country, or even around the world! Held on the third full weekend of October each year, this worldwide jamboree requires no travel, other than to a nearby radio amateur radio station. Many times the “hams” will set up at a special event station. The “exchanges” or QSOs (aka conversations) include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. A participant patch is available, as is a certificate/log sheet that can also be used to fulfill a Radio merit badge requirement. Recently, the World Scout Bureau reported, JOTA had nearly 700,000 Scout participants from more than 13,500 amateur radio stations!

Contests/Special Events: Oct./Nov

October: Oct. 28 (0000) to Oct. 29 (2359)

CQ WW DX Contest - SSB,

The CQ WW is the largest Amateur Radio competition in the world. Over 35,000 participants take to the airwaves on the last weekend of October (SSB) and November (CW) with the goal of making as many contacts with as many different DXCC entities and CQ Zones as possible. [Rules](#)

October: Jamboree On-The-Air (JOTA)

October 21 – 22 The Hughes ARC will setup with KYC yacht Club and their BSA Ship.

November: ARRL North American Sprint

Nov. 12, 0000 to 0359 UTC (4 hours), Actually Saturday from 4 PM to 8 PM. SSB 3.5 – 14 mHz

Object: For North American stations to contact as many radio amateurs as possible. For non-North American stations to contact as many North American stations as possible. [Rules](#)

CLUB PRESENTATION: The Baofeng Killer!**QuanSheng, UV-K5 (Hacked Radio)**

The October meeting Presentation will be about The QuanSheng UV-K5 Radio, which is sold as a two band VHF/UHF HT. It is apparently easy to Re-Program (Hack) the radio to greatly extend its capabilities. It can be made to operate from 18 mHz to 1.8 GHz and/or also to operate as a Spectrum Analyzer, with the right modified software.

Mike, WB6DJI, will give a presentation about the radio and some of the “Hacks.”

He also has as many as ten radios available that he is willing to part with, Hack already installed, for \$20 to \$25.

See Ya at the meeting.

Dale, WB6MMQ

HARC Dues were Due as of July 1st

The club’s year runs from July 1 to June 30. So, therefore, dues are due. Regular dues are \$20 and for retired members, \$15. The treasurer will accept dues at the club meeting. Checks are preferred, (made to [Hughes ARC](#)) but cash will be accepted, but definitely use a check if submitting by mail. New members that joined after January 1st, 2023 are paid through June of 2024.

The Bylaws indicate that at the end of October, Those with unpaid dues will be removed from the list of member in-good-standing (voting members).

Some members have indicated that it’s difficult to tell if they have paid their Dues for the year. So for October, November and December, if your meeting notice mentions Dues and has a Membership Form attached, the club records show that your dues are UNPAID.

If you think the notice is incorrect please let me or the Treasurer know. We are human and use computers, which is all that is required to really screw up.

Dale, WB6MMQ

[Membership](#)

QST de W1AW - Special Bulletin 14

ARLX014 From ARRL Headquarters

Newington CT October 16, 2023

To all radio amateurs:

Jamboree-on-the-Air (JOTA) is on October 20 - 22, 2023. JOTA, the largest Scouting event in the world, takes place on the weekend of October (10/20 - 10/22).

This annual global operating event allows Scouts to use amateur radio to connect with hams around the world. The event is supported by many local amateur radio clubs and individual operators.

JOTA starts Friday and ends Sunday, but there are no official hours of operation, so you have the whole weekend to make JOTA contacts.

Here are some of the event rules/suggestion:

Stations should try to contact each other by calling "CQ Jamboree" or "CQ JOTA," or by answering other stations sending this call.

Any authorized amateur radio frequency may be used. It's suggested that the Scout frequencies be used, at least for a starting point. (See Page 6.)

Any amateur mode of operation can be used, such as CW, SSB, PSK, SSTV, FM, and satellite. The more modes in operation, the more exciting the event will be for the Scouts.

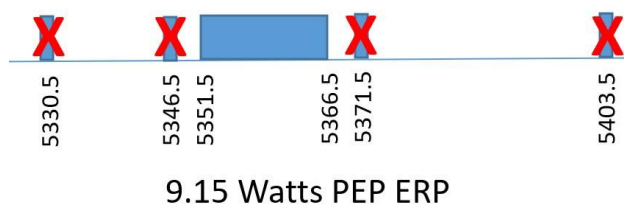
JOTA is not a contest. The idea is to contact other Scout stations and allow as many Scouts as possible to talk to other Scouts and learn about who they are and what they are doing. You might think about counting the Scouts on both sides of the QSO rather than the number of QSOs!

More information about JOTA may be found on the Scouting website at, <https://www.scouting.org/international/jota-joti/jota/>. NNNN/EX

ARRL Letter - Excerpts of Possible Interest **ARRL Urges Comments to FCC on 60-Meters** **Proposal: How to File Your Comments**

[ARRL](#) is asking that all radio amateurs urge the Federal Communications Commission (FCC) to continue the existing use of the 60-meter band. A public comment period is open until October 30, 2023. ARRL encourages expressions of support to the FCC for the current 100 W ERP power limit (instead of reducing the power limit to 15 W EIRP) and continuing secondary access to the current channels.

FCC proposal (from WRC-2015)



[Click here to see the full graphic explaining what's at stake.](#)

To submit a filing of your comments for the FCC's consideration in the rulemaking process, go to the FCC web page for the Notice of Proposed Rulemaking's (NPRM) Docket Number 23-120 at

<https://www.fcc.gov/ecfs/search/docket-detail/23-120>.

If you wish to directly enter your comments, select the button labeled [SUBMIT AN EXPRESS FILING](#) or if you are uploading a document that contains your comments, select [SUBMIT A STANDARD FILING](#). When submitting your comments, be sure the correct proceeding's docket number, 23-120, is included on the form.

Your name and comments will be entered into the official public record of the proceedings and will be viewable by anyone who visits the docket web page.

While radio amateurs are encouraged to include any comments they would like in their submissions, they're especially encouraged to draw upon their personal experiences using the 60-meter band for public service purposes and for its location between the amateur 80- and 40-meter bands, which is critical to ensuring signal propagation to certain geographic areas during variations in time and the solar cycle. For example, ensuring radio amateurs have a continuum of communication capabilities across the 7 MHz, 5 MHz, and 3.5 MHz bands is valuable for emergency communications, especially between the US and Caribbean nations during hurricane season.

Some of the main points to comment on for this NPRM are:

- Urging the FCC to keep the four existing channels allocated to amateur radio on a secondary basis.
- Urging the FCC to keep the 100 W power limit for the four existing channels and the new 15 kHz sub-band.

ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX, underscored the importance of commenting, urging members to speak up. "ARRL members make up the strongest voice in matters of amateur radio spectrum defense," said Harrop. "Your membership and participation in the rulemaking process both ensure ARRL continues to make the difference when our band privileges are threatened. Please join us in effort to protect our 60-meter band privileges."

ARRL has assembled a web page with instructions on how to submit your comments, as well as background information on the issue: www.arrl.org/60-meter-band.

Announcements

An email to the U.S. delegation announced that Steve Lang will become head of the U.S. delegation to the World Radiocommunication Conference (WRC-2023). He replaces Anna Gomez, who last week was confirmed by the U.S. Senate for a seat on the Federal Communications Commission (FCC). Lang is a longtime State Department official currently serving as Deputy Assistant Secretary-International Information and Communications Policy. Lang has been working closely with Gomez on U.S. WRC-23 Delegation preparations. A [biography of Lang](#) may be seen on the State Department website. WRC-2023 will convene in Dubai on November 20. Of particular concern to radio

amateurs in the upcoming conference agenda is continued Amateur access to the 1.2 GHz band. More information here: <https://www.iaru.org/no-agreement-in-itu-r-wp4c-on-the-measures-needed-to-protect-the-rnss-in-the-23cm-band/>

In Brief...

Amateur radio operators are needed for a real-world science experiment during upcoming solar eclipse events. Members of the [Ham Radio Science Citizen Investigation](#) (HamSCI) will be making radio contacts during the 2023 and 2024 North American eclipses and probing the Earth's ionosphere. The Solar Eclipse QSO Parties (SE-QPs) are set to be fun and friendly with a competitive element, and all amateur radio operators and shortwave listeners are invited to participate. The upcoming eclipses (October 14, 2023, and April 8, 2024) provide unique opportunities to study interactions between the sun and the ionosphere. As participants and HamSCI members transmit, receive, and record signals across the radio spectrum during both eclipse events, valuable data will be created to test computer models of the ionosphere. Learn more at <https://hamsci.org/projects>. *ARRL is a partner with HamSCI for the SEQP.*

2023 ARRL Online Auction Is Ready to Go!!!

Get ready to bid and to show support for ARRL education programming during the 18th Annual [ARRL Online Auction](#). The auction previous is open now, and bidding begins on Friday, October 13 at 10 AM EDT, and continues through Thursday, October 19 at 10 PM EDT.

[RT Systems, Inc.](#) is sponsoring this year's auction, which will feature *QST* Product Review equipment, vintage books, and the ever-popular ARRL Lab Mystery boxes.

Visit the auction website, register to bid, and check out details on the available items so you'll be ready to bid on your favorites. Keep an eye on the [ARRL Facebook](#)

page and [Instagram](#) account through-out the event for featured products and auction highlights.

Prospective bidders must register and create an account. Your ARRL user ID and password will *not* work on the auction site. Registration is a one-time



action. If you have previously registered for the ARRL Online Auction, you can use that same username and password to sign in to this year's auction. If you have forgotten your username or password, click on the Help tab for assistance.

It's not necessary to register to browse the items for sale, and you can register at any time during the auction at the [ARRL Online Auction](#) website.

ARRL's Annual Online Auction is an important fundraiser and a critical means of support for ARRL educational programming. Auction proceeds ensure the continuation of programs that support the licensing of new hams, Amateur Radio Emergency Service training, and enhancements to technical and operating education for all ARRL members and the greater amateur radio community.

If you don't want to bid but still would like to contribute to the ARRL Education & Technology Fund, visit arrrl.org/donate.

For more information about the ARRL Online Auction, [contact](#) Lisa Tardette, KB1MOI.

The K7RA Solar Update

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP041:

The numbers looked better during this reporting week, October 5 - 11, 2023. The average daily sunspot numbers rose from 128.6 to 144.1, and the average solar flux rose from 155.6 to 159.1.

The ave. daily planetary A index decreased from 9.1 to 7.6, also, the ave. middle latitude A index 8.9 to 8.3.

For some reason, the middle latitude numbers were not available from Fredericksburg, Virginia, so we used the data from Boulder, Colorado.

Nine new sunspot groups emerged this week, with two on Oct. 5, one on Oct. 7, two on Oct. 8, one on Oct. 9, one on Oct. 10, and two on Oct. 11.

HF conditions have been excellent, as the season turns deeper into fall in the Northern Hemisphere. I really noticed a difference on 10, 12, and 15 meters.

The predicted solar flux is 158 and 156 on October 12 - 13; 155 on October 14 - 16; 152 on October 17 - 18; 148 on October 19 - 20; 150, 152, 154, 154, and 158 on October 21 - 25; 160 on October 26 - 28; 158 on October 29 - 30; 156 on October 31 through November 1; 155, 156, 156, 158, and 160 on November 2 - 6; 158 on November 7 - 8, and 156 on November 9 - 10.

The predicted planetary A index is 12 on October 12 - 13; 10, 8, 5, 12, and 10 on October 14 - 18; 5 on October 19 - 30; 15 and 12 on October 31 through November 1; 5 on November 2 - 5; 10, 8, and 10 on November 6 - 8; 15 on November 9 - 10, and 8 on November 11.

Check out these links:

The 15,000-year history of extreme solar events:

<https://bit.ly/3FctowT>

Commercial space companies approach their first solar maximum: <https://bit.ly/46Cx6Ma>

Korean records from the 14th to 19th century reveal sunspot cycle history: <https://bit.ly/3ZUo2Af>

Safely watch the eclipse with a disco ball (I don't actually know if this is safe): <https://bit.ly/3tBhgmz>

Ring of fire solar eclipse: <https://wapo.st/3rNEHIY>
<https://bit.ly/3FeOQSc>

Solar polarity flip: <https://bit.ly/3LWZ7WF>

Sunspot numbers for Oct. 5 - 11, 2023, were 179, 138, 145, 149, 129, 120 & 149, with a mean of 144.1. The 10.7-centimeter flux was 156.1, 155.3, 157.2, 157.1, 165.5, 164.4 & 158, with a mean of 159.1. Estimated planetary A indices were 16, 9, 5, 7, 8, 4 & 4, with a mean of 7.6. The middle latitude A index was 17, 8, 4, 10, 9, 6 & 4, with a mean of 8.3.

Send your tips, questions, or comments to k7ra@arrrl.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](#) 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

(C=Challenge, T=Contest, P=Party, S=Sprint)

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

(VOTA). See the State Activations

Schedule for weekly [W1AW Portable](#)

[Operations](#), including:

October 11 - 17 -- Missouri W1AW/0

October 11 - 17 -- Georgia W1AW/4

October 11 - 17 -- California W1AW/6

October 18 - 24 -- Nebraska W1AW/0

October 18 - 24 -- Alabama W1AW/4



Contests:

Oct. 15 -- Asia-Pacific Fall Sprint (CW)

Oct. 15 -- UBA ON Contest, 2m (CW, Ph)

Oct. 15 - 16 Run for the Bacon QRP T (CW)

Oct. 16 - 20 -- WARC ARRL School Club Roundup (CW, Ph, dig)

Oct. 16 -- RSGB FT4 Contest (FT4)

Oct. 19 -- Walk for the Bacon QRP T (CW)

Oct. 21 -- 22 Jamboree On-The-Air (JOTA)

Oct. 28 -- **CQ WW DX Contest - SSB**

Nov. 12 -- ARRL North American Sprint

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 profile email preferences. Dates & times are UTC

ARRL Section, State and Division Conventions / Hamfest

In the West or near members anywhere:

October 20 - 22 | [Pacificon](#), hosting the ARRL Pacific Division Convention, San Ramon, California

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.arrrl.org/hamfests and includes these upcoming events:

FOR SALE: Tektronix oscilloscope plug-ins -- 7B80 Time Base, 7B85 Delaying Time Base, 7A18 Dual Trace Vertical Amplifier, 7A18A Dual Trace Vertical Amplifier, and 7A19 Vertical Amplifier. Twenty-five dollars each or all five for \$100.

Contact Mark at skidmr01@gmail.com or 562-810-0601.

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

Contact: Richard5@flash.net or 424-301-1743

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

Contact: 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 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 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 or 424-301-7516

FOR SALE: White Marble Base

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

Contact: 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 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 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 or 424-301-7516

World Scout Frequencies

Several amateur radio bands have designated frequencies where Scout stations can meet. Of course, the whole authorized band can be used for Scout contacts. To easily find Scout stations, listen in on the following Scout frequencies:

band	SSB (phone)	CW (morse)
80 m	3.690 & 3.940 MHz	3.570 MHz
40 m	7.090 & 7.190 MHz	7.030 MHz
20 m	14.290 MHz	14.060 MHz
17 m	18.140 MHz	18.080 MHz
15 m	21.360 MHz	21.140 MHz
12 m	24.960 MHz	24.910 MHz
10 m	28.390 MHz	28.180 MHz
6 m	50.160 MHz	50.160 MHz

Lunch Kitty Financials:

Lunch Kitty Financials:		Aug	2023
Attendance: 12			
		Lunch Kitty, Starting Balance: \$292.00	
Expenses:	Hot Dogs, N6MHD	= \$0.00	Donation
Soda: 11 @ 0.75		= \$8.25	
Water: 2 @ 0.25		= \$0.50	
		Food Total: \$8.75	\$283.25
Income:	Lunch:	= \$26.00	\$309.25
Room Rent - To General Fund:		\$0.00	\$309.25
		Starting Kitty for Sept. 19, 2023 Mtg. \$309.25	
Aug	Gain / Loss:	\$17.25	

Lunch Kitty Financials:		Sept	2023
Attendance: 12			
		Lunch Kitty, Starting Balance: \$309.25	
Expenses:	Pizza (3), Salad	= \$95.00	Donation
Soda: 8 @ 0.75		= \$6.00	
Water: 0 @ 0.25		= \$0.00	
		Food Total: \$101.00	\$208.25
Income:	Lunch:	= \$124.50	\$332.75
Room Rent - To General Fund:		\$0.00	\$332.75
		Starting Kitty for Oct. 17, 2023 Mtg. \$332.75	
Sept	Gain / Loss:	\$23.50	

Select DX News (QRV = Ready! or Are you Ready?)**ARLD041 DX news** [Note: 'T' = contest]

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

MALTA, 9H. Special call sign 9H6S is QRV during the **Scouts Jamboree On the Air** event on **October 15**. QSL via 9H1PI.

MADEIRA ISLAND, CT3. Martti, OH2BH is QRV as CT3BH **until October 16**. This includes being an entry in the Scandinavian Activity SSB Contest. QSL direct to home call.

NORTH COOK ISLANDS, E5. Janusz, SP9FIH is QRV as E51JAN from Manihiki, IOTA OC-014, **until Nov. 6**. Activity is on the HF bands. QSL#1

NIUE, E6. Stan, LZ1GC and Dimo, LZ1ON are QRV as E6AM **until October 23**, on 160 to 6M using CW, SSB & FT8. QSL via LZ1GC.

GUADELOUPE, FG. Philippe, F1DUZ will be QRV as FG4KH **from Oct. 17 to Nov. 7th**. Activity will be on the HF bands. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL to home call.

MAYOTTE, FH. A large group of operators are QRV as TO8FH **until Oct. 22**. Activity is on 160 to 6M using CW, SSB, RTTY & FT8. QSL via F5GSJ.

ISLE OF MAN, GD. MT0KKG is the club call for the Sight Matters Amateur Radio Club based in the capital of Douglas. It is a new club for those with visual impairment, assisting club members to get a license, be on the air, and to operate independently. QSL via operators' instructions.

SVALBARD, JW. Operators JW7XK, JW9DL and JW6VM are QRV from Longyearbyen, IOTA EU-026, **until October 16**. Activity is on the HF bands and various Satellites using CW, SSB, and FT8. This includes being an entry as JW5X in the Scandinavian Activity SSB Contest. QSL JW7XK via LA7XK, JW9DL via LA9DL, JW6VM via LA6VM, and JW5X via LoTW.

SWAINS ISLAND, KH8. A group of operators are QRV as W8S **until Oct. 17**. Activity is on 160 to 6M using CW, SSB, RTTY & FT8 with 6 stations. QSL via M0OXO.

FAROE ISLANDS, OY. Special event station OY18CHR is QRV **until Oct. 15** to mark the 18th birthday of HRH Prince Christian. QSL via LoTW.

DENMARK, OZ. Special event station OZ18CHR is QRV **until October 15** to mark the 18th birthday of HRH Prince Christian. QSL via LoTW.

GREECE, SV. Frank, PH2M will be QRV as SV8/PH2M from the Cyclades, IOTA EU-067, **from October 13 to 20**. Activity will be on 80 to 10 meters using mostly FT8. QSL #1.

TUVALU, T2. Operators are QRV as T2C from Funafuti Island, IOTA OC-015, **until Oct. 30**. Activity is on 160 to 6M using CW, SSB, RTTY & FT8 with 4 stations. QSL via DL4SVA.

EAST KIRIBATI, T32. Ken, KH6QJ is QRV as T32AZ **until October 24**. Activity is on 160 to 10M using SSB. He plans to be active in upcoming various US state QSO parties. QSL#1

INDIA, VU. Special event station AT30IIIH is QRV **until December 31** to celebrate the 30th anniversary of the Indian Institute of Hams, whose focus is to train and bring young people into the amateur radio community. QSL via bureau.

BURKINA FASO, XT. Harald, DF2WO is now QRV as XT2AW from Ouagadougou **until October 26**. Activity is on the HF bands using all modes. QSL via M0OXO.

TRISTAN DA CUNHA AND GOUGH ISLANDS, ZD9. Yuris, YL2GM is QRV as ZD9W from Tristan da Cunha, IOTA AF-029, **until October 22**. Activity is on 160 to 6M using CW, SSB, and FT8. QSL via LoTW.

ITU HQ, 4U_ITU. As part of WRC-23 Preparation, delegates are QRV as 4U1ITU in their spare time **until the end of October**. Activity is on the HF bands. QSL via operators' instructions.

EAST KIRIBATI, T32. Ken, KH6QJ is QRV as T32AZ from Kiritimati, IOTA OC-024, **until October 17**. QSL to home call.

PITCAIRN ISLAND, VP6. Meralda, VP6MW has been active on 10 meters using FT8 around 1600z. [listed Sept. – ed] QSL via W0VTT.

NORWAY, LA. Chris, OE6CUD plans an extended road trip **until the end of Oct.**, visiting the islands Vaeroy (EU-055), Lofoten (EU-076), Vesteralen (EU-033), and Senja (EU-046). He will be QRV as LA/OE6CUD on HF CW and on QO-100. QSL via OE6CUD direct or bureau.

NIUE, E6. Stan, LZ1GC and Dimo, LZ1ON will be signing E6AM **from October 10 to 23**. They will operate CW, SSB, FT8 & RTTY on 160 to 6M QSL via Club Log's OQRS (preferred), LoTW, or via LZ1GC, direct or bureau.

MINAMI TORISHIMA, JD1. Take, JG8NQJ is QRV as JG8NQJ/JD1 **until October 19**. Activity is in his spare time using CW and FT8. Lately he has been active using FT8 on 17 meters around 2100z. QSL via JA8CJY.

MINAMI TORISHIMA, JD1. Take, JG8NQJ is QRV as JG8NQJ/JD1 **until October 19**. Activity is in his spare time on 17, 15, 12, and 10m. When active using FT8, send his signal strength report, not the grid square. QSL via JA8CJY.

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.

Long Term (more than 1 month)

Until End of 2023

CZECH REPUBLIC, OK. Special event station OL300SANTINI is QRV **until Dec. 31** to commemorate Czech architect Jan Blazej Santini-Aichel who was famous for what came to be known as the Czech Baroque Gothic architectural style. QSL #2

TAIWAN, BV. Kenicho, JP1RIW is QRV as BM0QSO from New Taipei City **until the end of 2023** on the HF bands using FT8. QSL #3

NORWAY, LA. The Akademisk Radioklubb LA1K celebrates its 100th 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.

TAIWAN, BV. BW2/JP1RIW is active as BM0QSO **until December 31**, using mostly digital modes. QSL via BM2JCC.

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
-

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)

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 Officers:**Western Area Director:**

Dick Norton, N6AA

N6AA@arrl.org

ARRL LAX Section Officers:

Section Manager: Diana Feinberg, AI6DF

AI6DF@arrl.org or 310-544-2917

Asst. Section Manager: Mark Chung, KK6SMD

mchung@prodigy.net

LAX Section Traffic Mngr: Kate Hutton, K6HTN

For Radiogram formatting instructions go to

www.ARRLAX.org .

Los Angeles Area Council of ARCs

President: Mark Seigel

Mark.Seigel@Gmail.com

RF Safety – Power Density Web site:

http://hintlink.com/power_density.htm

ARRL [RF exposure calculator](#)

Link: [TRW 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](#)

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

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:

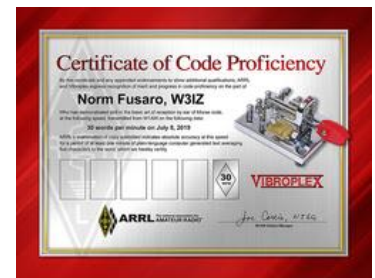
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 & 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM
 CWb = Morse Code Bulletins = 18 WPM

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]

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
Oct.	10/17			10/18		10/20	10/19	10/23		10/24	10/27		10/26
Nov		11/1		11/2	11/3			11/6		11/7	11/9	11/13	11/14
Nov	11/14		11/16			11/17		11/20	11/21				



West Coast Qualifying Runs:

Wed Oct 25 @ 6 PM HST (0400 UTC Oct. 26) on 7047.5 & 14047.5 kHz by KH6TU 40 – 10 WPM
 Wed Nov 15 @ 9 PM PST (0500 UTC Nov 16) on 3590 & 7047.5 kHz by K9JM 10 – 35 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/
 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:**

PRESIDENT:	Brian, AB6UI	AB6UI at AOL.com
VICE PRESIDENT:	Michael, WB6DJI	WB6DJI_DX at icloud.com
SECRETARY:	Dale, WB6MMQ	WB6MMQ at ARRL.net
TREASURER:	Paul, KK6TAC	PAGeisel at Verizon.net
STATION MANAGER:	Michael, N6MHD	N6MHD at ARRL.net
Available PAST PRES.:	Dale, WB6MMQ	WB6MMQ at ARRL.net

Committees:

NEWSLETTER EDITOR:	Dale, WB6MMQ	WB6MMQ at ARRL.net
QUARTERMASTER:	Michael, N6MHD	N6MHD at ARRL.net
WEB MASTER:	Richard, KM6FP	RunFarr at Gmail.com
YAHOO GROUPS:	Richard, KM6FP	RunFarr at Gmail.com (http://groups.yahoo.com/w6ha)
MEMBERSHIP:	Dale, WB6MMQ	WB6MMQ at ARRL.net
SCRRBA REP:	Ray, WA6NVL	WA6NVL at ARRL.net
MEETING HOST:	Dale, WB6MMQ	WB6MMQ at ARRL.net
CLASS Coordinator:		
FIELD DAY Coordintrs :	Brian, Dale, Howard	See above
NET COORDINATOR:	Howard, KE6MAK	Karse1 at DSLextreme.com
RACE COORDINATOR:	Dale, WB6MMQ	WB6MMQ at ARRL.net
ANT. TRAILER Coor:	Brian, AB6UI	AB6UI at AOL.com
RAYTHEON Coor:	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 1st Tuesday of the month, 7:00 PM

LAFD Battalion 4: Net Tuesdays @ 7:30 PM

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)

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 ; .net & .com will also get you there.

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The Hughes Amateur Radio Club is a California Nonprofit, Public Benefit, 501(c)(3) Corporation and an ARRL affiliated club for FCC-licensed amateur radio operators and their family members. Membership is open to all Amateur Radio Operators and those who are aspiring Amateur Radio operators.