



The Transponder



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

April 14, 2023

Repeater: 445.620 – PL 127.3

Website: W6HA.org

Vol. L, No. 4

***** 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, April 18, 2023**
Time: **Pre-Meeting: 11:45 Gather, Exchange Greetings [Setup 11:30]**
Meeting Call to Order: 12:00 to 1:00 PM

Featured Presentation:

In Search of “Optimized” MagLoop

By John Portune, N6NBC

Show & Tell: Mag Loop Antenna – Mike, WB6DJI
Minimizing SWR of a Mag Loop, Rick, N6IET

Up Coming Events:

May meeting: Election of Officers
June 9th, 2023 – SAMO-100 – Pt Mugu to Zuma Trancas Canyon & back
June 23, 24 & 25 Field Day – Redondo Beach, Wilderness Park
2023 – Hughes ARC’s 50th Anniversary Year as a Radio Club – Possible Operating - Event ?

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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) -1st Thursday Formal – others Round Table

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

Club News:

Wednesday Net checkins – March

The following is a summation of all the Wednesday Net check-ins gathered from Howard’s, weekly reports.

March Net Report			
FM	Splx	Dig	Operator
1	0	0	WA6CAB
1	1	0	KJ6CBE
1	1	1	KJ6CLV
5	5	5	NT6E
4	4	4	K6FTC
1	0	0	N6HEG
4	4	4	N6IET
3	0	0	N6JZT
1	1	1	WA7KCA
4	4	4	KE6MAK
1	0	0	KK6MFL
4	4	5	N6MHD
3	4	4	WB6MMQ
4	1	0	KM6PFI
4	4	4	K6PNJ
2	2	2	KH6QAH
1	1	0	KW6RON
1	1	0	WA6SET
1	1	0	AG6ST
4	4	4	KK6TDU
3	3	3	AB6UI
5	5	0	KM6UMV
1	1	0	KN6WNE
1	1	1	AJ6XI
0	1	0	N6ZCT
60	53	42	Totals

Club Elections in May

The nominating committee has been busy coming up with the Slate of Officers for the 2023 – 2024 year. As most of you know our year runs from July 1st to June 30th. The nominating committee has the responsibility of securing the consent of at least one person to be nominated for each of the five elected offices. In April nominations from the floor are opened. The election is held at the May meeting.

Self-Nomination is acceptable. If you plan on nominating another person for an office, please secure that person’s commitment to serve, if elected, be-

fore nominating that person. Nominees need to be members in good standing (Dues paid up) with a reasonably good attendance record and should have been with the club for a minimum of one year. Nominations can also be made during the interval between the meetings by contacting the chairman of the nominating committee. The chairman is the most immediate Past President who is active in the club, Dale, WB6MMQ. The committee would like to receive these nominations before the May meeting so that if there are multiple names running for an office, the ballots can be prepared ahead of time, allowing for less confusion at the meeting.

Elected officers begin their duties on July 1st.
Dale, Wb6MMQ

Contests/Special Events: Apr/May & All of 2023

April:

North American SSB Sprint

The North American SSB Sprint Contest, begins April 23 at 0000 UTC, and concludes at 0400 UTC. The four-hour contest, on the 80-, 40-, and 20-meter bands, are short, intense competitions which challenge the best operators, while allowing others to sharpen their contesting skills. Operators who have never participated in the Sprints before should take a look at the [Tips & Tricks](#) section of the website. Rules, visit sbsprint.com/rules/.

May:

7QP - the 7th Call Area QSO Party – May 6 & 7

7QP is an amateur radio contest, held annually on the first Saturday in May. The stations of the US 7th call area (Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming) become "the pursued", and the rest of the US, Canada, and the world tries to work as many of us, on as many bands/modes as possible, over an 18-hour period commencing at 6:00am Pacific Time (1300 UTC).

All of 2023:

ARRL Volunteers On the Air Jan to Dec ‘23

04/19/2023	North Dakota	W1AW/0
04/19/2023	Nevada	W1AW/7
04/26/2023	New Jersey	W1AW/2
04/26/2023	New Hampshire	W1AW/1
05/03/2023	Iowa	W1AW/0
05/03/2023	Alaska	W1AW/KL7
05/10/2023	Montana	W1AW/7

05/10/2023	Minnesota	W1AW/0
05/10/2023	Connecticut	W1AW/1
5/17/2023	None	-
5/24/2023	New York	W1AW/2
5/24/2023	Colorado	W1AW/0

(See article, this page, below)

ARRL Letter - Excerpts of Possible Interest

This Week:

World Amateur Radio Day - Special Event

World Amateur Radio Day (WARD) is April 18, 2023, and [it] will celebrate the IARU's 98th anniversary. On this day in 1925, the IARU was formed in Paris, France. American Radio Relay League® (ARRL) Co-Founder Hiram Percy Maxim was its first president.



This year's theme is **Human Security for All (HS4A)**. The day is being celebrated with a 2-week operating event occurring April 11 - 25.

Dave Sumner, K1ZZ, IARU Assistant Secretary, reports that thanks to the support of the IARU Region 1 Youth Working Group, a special website, hs4a.iaru.org, has been established to manage the operating event. If you are planning to operate one or more special event stations for WARD/HS4A, please register at the website. Listed below is the procedure to register:

- Click on "register" and provide the requested contact information.
- Click on "participate" and agree to each of the six rules that you will be shown. Check "I accept these rules" and then click on "next."
- Click on "continue as [your name]." You do not need to enter the contact information again.
- Select "register a new station" and provide the requested information. The station description (minimum 200 characters) can be almost anything, such as what Human Security for All means to you, who your station sponsor is, etc.

After your registration request is received, it will be quickly approved, and you will be notified. Please direct any questions to iaru@iaru.org.

ARRL encourages all radio amateurs to take to the airwaves during WARD to enjoy our global friend-

ship with other amateurs and to show our skills and capabilities to the public.

More information about 2023 WARD is available at www.arrl.org/world-amateur-radio-day and www.iaru.org/on-the-air/world-amateur-radio-day.

ARSA Announces 2023 Award Winner

The Amateur Radio Software Award (ARSA)

Committee has announced that GridTracker, a project led by Stephen Loomis, N0TTL, and the GridTracker.org team, has been selected as the recipient of the 4th annual Amateur Radio Software Award.

The award recognizes software projects that enhance amateur radio and promote innovation, freedom, and openness in amateur radio software development.

The committee received many nominations for the 2023 award, and after careful consideration, GridTracker was chosen as the winner. The committee was impressed by the breadth of features in GridTracker, its innovative graphic interface, and its ability to make amateur radio more fun.



GridTracker is a tool that visualizes WSJT-X amateur radio traffic, like FT8 and contacts from log files, which makes it easier for radio amateurs to track their contacts and participate in contests. Its unique approach to visualizing radio traffic adds a new dimension of enjoyment to the radio art.

To learn more about GridTracker, visit <https://gridtracker.org>.

As part of the award, Loomis has requested that a \$300 grant be donated to the National Alliance on Mental Illness (NAMI) of Oregon, a nonprofit organization dedicated to improving the lives of individuals and families affected by mental illness.

The ARSA Committee is already looking forward to next year's award and welcomes input and nominations for future awards.

"People who don't take risks generally make about two big mistakes a year. People who do take risks generally make about two big mistakes a year." ...Peter Drucker

ARRL Volunteers On-the-Air Event is Underway

The year-long ARRL Volunteers on the Air event continues, recognizing ARRL volunteer's support and contributions. Get on the air and make contacts with as many ARRL volunteers or members as possible. There will be week-long activations of portable W1AW/# stations in all 50 states, and in several US Possessions/Territories. For a schedule of W1AW/# portable operations, see the [W1AW Portable Activations Schedule](#). Be sure to upload your logs to LoTW and check your score online. Check out the full details at <http://vota.arrl.org>.

National Voice of America Museum of Broadcasting Open during 2023 Dayton Hamvention®.

The National Voice of America, Museum of Broadcasting, in conjunction with the West Chester Amateur Radio Association, announced their expanded hours during the 2023 Dayton Hamvention®.

The museum will be open:
Thursday, May 18, from 1:00 PM to 9:00 PM;
Friday, May 19, from 1:00 PM to 9:00 PM;
Saturday, May 20, from 12:00 PM to 9:00 PM, and
Sunday, May 21, from 12:00 PM to 5:00 PM.



Admission is \$10.00 at the door. The West Chester Amateur Radio Association, WC8VOA, will be on the air. The museum is a short drive from Hamvention, down Interstate 75 or Route 42 from Xenia. Use the Crosley Blvd address on your GPS.

New exhibits include a dedicated room for amateur radio and shortwave equipment and a newly renovated ham shack with state-of-the-art equipment from Yaesu, Icom, and Elecraft. Docents and operators will be available to enhance visits to the museum.

For further information, visit voamuseum.org or wc8voa.org. You can also find the museum on Facebook or call 513-777-0027. The museum's regular hours are Saturdays and Sundays from 1:00 PM to 4:00 PM, and it is located at 8070 Tylersville Road, West Chester, Ohio.

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.



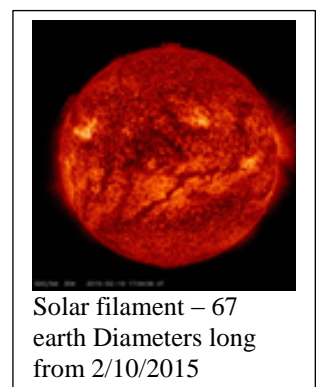
In addition, changes have been made to the Radio Amateurs of Canada (RAC) section list. The Maritime (MAR) Section has been eliminated, making New Brunswick (NB) and Nova Scotia (NS) individual sections. The Greater Toronto Area section has been renamed Golden Horseshoe (GS) and Northern Territories 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 – ARLP015

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP015: Seven new sunspot groups appeared: one on April 6, another on April 9, two more on April 10, another on April 11, and two more on April 12.

The average daily sunspot number rose from 53.4 to 70.6, and the average daily solar flux increased from 132.5 to 141.



Geomagnetic conditions were calm. The average daily planetary A index dropped from 15 to 7.6, and the middle latitude average dropped from 11.7 to 6.4.

Predicted solar flux is 155 and 160 on April 13 - 14; 165 on April 15 - 16; 160 on April 17 - 18, then 155 and 152 on April 19 - 20; 155 on April 21 - 22; 158 on April 23; 155 on April 24 - 25, then 152, 148, 145, and 142 on April 26 - 29; 140 on April 30 and May 1; 142 and 140 on May 2 - 3; 135 on May 4 - 5, then 130, 140, 145, 150, 152, 155, and 158 on May 6 - 12, and 160 on May 13 - 15.

Predicted planetary A index is 5 on April 13 - 15; 12 on April 16; 8 on April 17 - 18, then 5, 10, 15, and 10 on April 19 - 22; 5 on April 23 - 25, then 15 and 18 on April 26 - 27; 15 on April 28 - 30, then 12 and 10 on May 1 - 2; 8 on May 3 - 4; 5 on May 5 - 6, then 8, 10, and 8 on May 7 - 9, and 5 on May 10 - 13.

Spaceweather.com released this news Wednesday: "Evidence is mounting that Solar Cycle 25 might peak much earlier than expected. New research by a leading group of solar physicists predicts maximum sunspot activity in late 2023 or early 2024 with a peak that could be twice as strong as the previous solar cycle."

Here is a video about the Termination Event:

https://youtu.be/wcJdNBow_5s

Look in the Spaceweather.com archive for April 12 - 13 to read more.

I noticed some odd 10-meter propagation at 2000 UTC on April 11. While running FT8 and a one wavelength end-fed wire at my home in Seattle, the only stations that heard me, according to pskreporter.info, were one in New Zealand, another in Hawaii, and only five stations in Florida over a 200-mile strip from 2,512 to 2,712 miles. Checking again at 2015 UTC, it was still the same.

Sunspot numbers for April 6 - 12, 2023, were 33, 38, 49, 52, 92, 103, and 127, with a mean of 70.6. 10.7-centimeter flux was 137.1, 136.3, 135.9, 140.3, 139.8, 143.4, and 154, with a mean of 141. Estimated planetary A indices were 9, 8, 6, 6, 14, 6, and 4, with a mean of 7.6. Middle latitude A index was 7, 7, 5, 5, 11, 6, and 4, with a mean of 6.4.

Send your tips, questions, or comments to 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)

A Year-long Operating event - [ARRL Volunteers On the Air \(VOTA\)](#) - recognizes ARRL volunteers See also the State Activations Schedule for weekly [W1AW Portable Operations](#) including these:

(See Page 2)

Contests:

Apr 11 - 25 -- World Amateur Radio Event
Apr 15 - 16 -- Michigan QSO Party (CW, ph)
Apr 15 - 16 -- EA-QRP CW T (CW)
Apr 15 - 16 -- Ontario QSO Party (CW, ph)
Apr 15 - 16 -- North Dakota QSO P (CW, ph dig)
Apr 16 -- Quebec QSO Party (CW, ph)
Apr 16 -- ARRL Rookie Roundup, SSB (ph)
Apr 18 -- 222 MHz Spring Sprint (CW, ph, dig)
Apr 19 -- RSGB 80m Club Champ, SSB (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:

May 7 | [Warminster Amateur Radio Club Hamfest](#), hosting the ARRL Eastern Pennsylvania Section Convention, Bristol, Pennsylvania

May 19 - 21 | [Dayton Hamvention](#), hosting the ARRL Great Lakes Division Convention, Xenia, Ohio

June 2- 4 | [SEA-PAC](#), hosting the ARRL Northwestern Division Convention, Seaside, Oregon

June 4 | [BreezeShooters Hamfest](#), hosting the ARRL Western Pennsylvania Section Convention, Prospect, Pennsylvania

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 and includes these upcoming events:

"Long-range planning does not deal with the future decisions, but with the future of present decisions."

...Peter Drucker

ARRL Podcasts

On the Air Sponsored by [Icom](#)

The March/April 2023 issue of *On the Air* featured an article on "The Incident Command System and Amateur Radio," that introduced the Incident Command System (ICS), an emergency management system that public safety agencies use to respond to everything from small incidents to large-scale emergencies. ARRL Director of Emergency Management Josh Johnston, KE5MHV, joins this episode of the podcast to share more about the system's origins and uses, where and how amateur radio operators fit into the system, and where to get ICS training.

In Brief...

Congresswoman Debbie Lesko, representative of Arizona's 8th congressional district (AZ-08), attended the DeVry Hamfest in Phoenix, Arizona, on Saturday, April 8, 2023. She had the chance to visit with radio amateurs and explore information about programs such as ARRL's Amateur Radio Emergency Service® (ARES). Lesko tweeted about her experience at the event, stating, "It was wonderful to join [ARRL's] Hamfest and meet with amateur radio operators in Arizona! I'm proud to support amateur radio operators, who play a critical role in emergency situations and have provided invaluable contributions to our nation!" Lesko spent several hours at the event. Amateur radio plays a critical role in emergency preparedness plans in Arizona.

Announcements

The [ARRL Rookie Roundup](#) event begins on Sunday, April 16, at 1800 UTC, and concludes at 2359 UTC. Rookie Roundup is a great opportunity for newly licensed operators to experience competitive amateur radio operating. A "Rookie" is a ham that was first licensed in the current calendar year or the previous three calendar years, regardless of their license class. You can also be considered a Rookie if you haven't made any contest contacts on the contest mode before the event. Visit the event web page at www.arrl.org/rookie-roundup for rules and more information.

A special thanks to [Paul Bourque, N1SFE](#), for the information about the ARRL Rookie Roundup.

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

Lunch Kitty Financials:

Lunch Kitty Financials:		March	2023
Attendance: 12			
		Lunch Kitty, Starting Balance:	\$247.00
Expenses:	Pizza (3), Salad =	\$95.00	
	Soda: 9 @ 0.42 =	\$3.75	
	Water: 1 @ 0.25 =	\$0.25	
	Food Total:	\$99.00	\$148.00
Income:	Lunch: =	\$108.00	\$256.00
	Room Rent - To General Fund:	\$0.00	\$256.00
	Starting Kitty for Apr. 18, 2023 Mtg.		\$256.00
March	Gain / Loss:	\$9.00	

Select DX News (QRV = Ready! or Are you Ready?)**ARLD015 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.

REUNION ISLAND, FR. Thierry, FY4JI plans to be QRV as FR/FY4JI **until April 23**. QSL via EA5GL.

DENMARK, OZ. Special event station P0WARD will be QRV from **April 11 to 25** as part of World Amateur Radio Day. QSL via OZ1ACB.

WEST KIRIBATI, T30. Members of the Rebel DX Group, including Kam, T33KC, are QRV as T30UN from Tarawa, IOTA OC-017, **from April 1st to May 7th**. Activity is on 160 to 6M using CW, SSB, with multiple stations using FT8 in DXpedition mode. QSL#7

THAILAND, HS. Brad, VK2BY is QRV as HS0ZNR **until April 28**. Activity is on 160 to 10 meters. QSL direct to home call.

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

TIMOR-LESTE, 4W. Operators are QRV as 4W1A **until April 22**. Activity is on 40 to 6M using CW, SSB, RTTY & FT8. QSL via DJ4MX.

UGANDA, 5X. Eddy, OE3SEU is QRV as 5XA1J is on the HF bands and on Satellite QO-100. **[listed Apr. 2023 – ed]** QSL via LoTW.

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

MALDIVES, 8Q. Mike, OE3MZC, Laryssa, OE3YLR, Barbara, OE3YCB and Florian, OE3FTA are QRV as 8Q7BZ, 8Q7FZ, 8Q7LZ, and 8Q7MZ, respectively, from Rakeedhoo Island, IOTA AS-013, **until April 29**, holiday style on the HF bands and on Satellite QO-100. QSL #1.

ALGERIA, 7X. The Amateurs Radio Algeriens national organization is QRV with special call sign 7T60ARA **until April 23** to celebrate the organization's 60th anniversary. QSL via bureau.

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

CROATIA, 9A. Special event call 9A23WARD is QRV **until April 30** to bring attention to World Amateur Radio Day. QSL via 9A3JB.

TRINIDAD AND TOBAGO, 9Y. Special event callsign 9Y4WARD is QRV from Trinidad, IOTA SA-011, **until April 18** to commemorate World Amateur Radio Day. QSL via LoTW.

BAHRAIN, A9. Special event station A91WARD is QRV **until April 18** to bring attention to World Amateur Radio Day. QSL via EC6DX.

SOUTH COOK ISLAND, E5. Janusz, SP9FIH and Leszek, SP6CIK are QRV as E51WEG and E51CIK, respectively, from Rarotonga, IOTA OC-013, **until April 28**. Activity is on 40 to 10 meters using CW, SSB, RTTY, and FT8. QSL #1

EASTER ISLAND, CE0. George, CE0YHF is QRV from Isla de Pascua for **all of April**. He is active mostly on 12, 10, and 6 meters with QRP power using CW, FT8, and FT4. QSL #2

PORTUGAL, CT. Special event station CQ7HS4A will be QRV **from April 11 to 25** in honor of World Amateur Radio Day. Activity will be on all bands and modes. QSL via CT1REP.

SAUDI ARABIA, HZ. Special event station HZ1WARD is QRV **until April 18** to commemorate World Amateur Radio Day. QSL via Z1SAR.

SURINAME, PZ. Look for Rico, PZ5JW to be QRV in the CQ Manchester Mineira CW DX contest on 80 to 10M. QSL via EA5GL.

PALAU, T8. Ichiro, JH7IPR is QRV as T88UW from Koror, IOTA OC-009, **until April 20**. Activity is on the HF bands with a focus on 12, 10 & 6M using CW & FT8 as an entry in the CQ Manchester Mineira CW DX T. QSL#1

GUATEMALA, TG. Dante, TG9ADM will be QRV in the CQ Manchester Mineira CW DX contest. Activity will be on 80M. QSL via EA5GL.

AUSTRALIA, VK. Special Station VI6ONE is QRV **until April 18** at the 2023 Scouts Western Australia's Jamboree style One Camp. QSL #2

BRITISH VIRGIN ISLAND, VP2V. Seth, KD9TAW will be QRV as VP2V/KD9TAW from Tortola, IOTA NA-023, **from April 17 to 22**.

Activity will be on 40 to 10M using SSB & FT-8 QSL via LoTW.

LAKSHADWEEP ISLANDS, VU7. Operators YL2GM and VU2CDP will be QRV as VU7W from Kavaratti Island, IOTA AS-011, **from April 15 to 29**. Activity will be on 160 to 6 meters using CW, SSB, and FT8. QSL via YL2GN.

WILLIS ISLAND, VK9/W. Sands, VU2WXW/VK4WXW, is working at the Meteorology Wx Station **until April**. He has been on 40, 20 & 15M and hopes to add 17, 12 & 10M. QSL#7.

WILLIS ISLAND, VK9W. Sands, VK4WXW is QRV as VK9WXW **until April 2023** while working as part of a meteorological team. Activity is in his spare time on 20M using SSB. QSL#2.

WILLIS ISLAND, VK9W. Sands, VK9WX is here **until April**. Activity is in his spare time on 80 to 10 meters. QSL via M0OXO.

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

Long Term (more than 1 month)

MINAMI TORISHIMA, JD1. Take, JG8NQJ will be QRV as JG8NQJ/JD1 **until May 15** while on work assignment. Activity will be in his spare time on HF using CW & FT8. QSL direct to JA8CJY.

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

INDIA, VU. Special event station AT2G20 is QRV from Gurugram **until June 2** to promote greater international cooperation through amateur radio in conjunction with the G20 summit being held in New Delhi on September 9 & 10. QSL #2.

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.

Until End of 2023

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 RMOL.

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™](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

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](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

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:

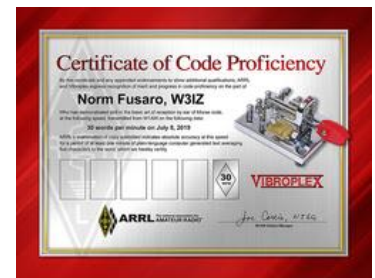
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 & 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM
 CWb = Morse Code Bulletins = 18 WPM

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]

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
April	4/18			4/19		4/21	4/20	4/24	4/25	4/28	4/27		
May		5/1	5/2		5/4	5/9	5/10		5/11			5/12	
May	5/16	5/15		5/17			5/18		5/23	5/25	5/26		



West Coast Qualifying Runs:

Wed Apr 26 @ 6 PM HST (0400 UTC on April 27) on 7047.5 & 14047.5 kHz by KH6TU – Speeds 40 – 10 WPM
 Wed May 24 @ 9 PM PST (0400 UTC on May 25) on 3590 & 7047.5 kHz by K9JM – Speeds 10 – 35 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/

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

PRESIDENT:	Brian, AB6UI	AB6UI at AOL.com
VICE PRESIDENT:	Howard, KE6MAK	Karse1 at DSLextreme.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

LAFF CERT Net: 1st 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 ;.net and .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.