



The Transponder



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

August 12, 2022

Repeater 445.620 – PL 127.3

Website: W6HA.org

Vol. XLIX, No. 8

***** CLUB MEETING In-Person & Zoom *****

Meeting Notice: Where: El Segundo Library, FoTL Conference Room & Zoom

Location: 111 Mariposa St., El Segundo, CA 90245

Zoom Meeting ID: 817 1297 4188 Passcode: 160795

Date: Tuesday, August 16, 2022

Time: Pre-Meeting: 11:45 Gather, Exchange Greetings

Meeting Call to Order: 12:00 to 1:00 PM

Featured Presentation:

ALL STAR NODE

by Brian, AB6UI

Brother, can you spare a dime?



Up Coming Events:

July 1st – Dues are Due for 2022 -2023

Oct. – 3rd weekend - JOTA

Nov. 2, 2022 - **Spruce Goose (H-4 Hercules) Special Event** (75th Anniversary of Flight)

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Lunch: Pizza: 1 Large Veggie; 1 Lrg Pepperoni; 1 Lrg Special; 1 Lrg Sausage, (\$3.50/slice)

Prices: 2 slices of Pizza w/salad, \$8.00; 1 slice of pizza w/salad \$5.00; Salad only \$4.00

Sodas: Coke, Coke Zero & Ginger Ale (\$1.00) - Water (50 cents) Next Month

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

Wednesday Evenings at 7:30 PM – Hughes ARC net, (then Simplex @ 146.550), then Digital

Thursdays Noon (12:05 PM) Emergency Communication Teams (ECT)

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

The 'Transponder' is a little abbreviated due to personal issues – My apologies. Dale, WB6MMQ

[TRW Swap Meet – Help!!!](#)

The TRW Swapmeet is looking for hams to help put on the swap meet. Please contact Rich Sauer, N6CIZ at w6trwswapmeet@gmail.com if you can help.

Submitted by John, N6JLS

[Nonprofit Happenings](#)

July: Forwarded by Treasurer Paul, KK6TAC

From Ralphs:

Dear HUGHES AMATEUR RADIO CLUB,
Congratulations on your enrollment into the Ralphs Community Rewards Program. Your participants may begin enrolling upon receipt of this email.

You have been assigned a new NPO (Non-Profit Organization) number [UE312](#).

To Use the Ralphs Community Rewards Program:

Simply encourage your participants to visit:

<https://www.ralphs.com>. Once logged into their

Ralphs account they can search for HUGHES AMATEUR RADIO CLUB either by name or UE312

and then click Enroll. Customers must have a registered Ralphs rewards card account to link to your organization.

If a club member does not yet have a Ralph's *rewards card*, please let them know they are available at the customer service desk at any Ralphs.

[New Club Members in June](#)

The following are new members of the club:

No new members in June

[Members Expiring Licenses this year:](#)

Ai6HJ – 8/31/22

AI6GP – 10/5/22

[ARRL Letter - Excerpts of Possible Interest](#)

Hams Radio Operators Support American Red Cross in Kentucky Flood Response

As the flood waters began to recede following devastating rainfall in Kentucky that began on July 26, the American Red Cross reported that over 400 of their disaster workers were on the ground, as well as dozens more in other locations. They provided shelter, meals, and other forms of

support. Red Cross teams also worked alongside their state and municipal partners among others, including Kentucky Amateur Radio Emergency Service® ([ARES](#)®) volunteers.

[ARRL](#) Director of Emergency Management Josh Johnston, KE5MHV, was in touch with American Red Cross personnel in the affected area. He said ham radio volunteers were supporting Red Cross damage assessment teams with radio communications. "The rural and mountainous terrain of the affected area adds to the already difficult situation," said Johnston.

Much of the local response effort is being coordinated by Steve Morgan, W4NHO, of Owensboro, Kentucky. The response of radio amateurs throughout the region is under and in cooperation with an existing Memorandum of Understanding (MOU) with the Kentucky Chapter of the American Red Cross.

ARES® groups from Ohio and Virginia have also been in touch with hams in the affected areas and have been on standby, ready to respond if needed.

2022 North American QSO Party, (CW/SSB/RTTY) July/August 2022 Events:

The North American QSO Parties are favorites of beginners and seasoned operators alike. The NAQPs are low-power only (**no amplifiers allowed**) which makes for a lot more breathing room on the bands. Small stations can generate very effective "runs" in the NAQP contests.

Multipliers count once per-band, which makes for an exciting format, as multipliers can be "moved" from band to band. The NAQPs allow stations from all parts of North America to be in the running for the top spots. The 12 hour format allows participants to do some great contesting, yet still have time for other activities during the weekend. [Rules](#)

The 1st of three: RTTY: 1800 UTC July 16 to 0559 UTC July 18, 2022 (3rd Full weekend of July)

—CW: (1st Full weekend of August)

SSB: (3rd Full weekend of August)

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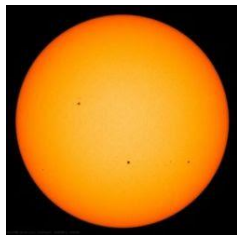
The K7RA Solar Update

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

Solar activity did a rebound this week to more active levels.

The average daily sunspot number increased from 36.6 to 65.4, and the average daily 10.7-centimeter solar flux rose from 95.7 to 111.9.

Solar wind caused geomagnetic numbers to rise, with the average planetary A index going from 7.7 to 14.4, and middle latitude numbers from 8.6 to 12.1.



[Photo courtesy of NASA SDO/HMI]

An improved outlook shows solar flux peaking at 116 on September 2 - 4.

A look at ARRL Propagation Bulletin ARLP032 from 2021 gives a perspective on solar cycle progress. A year ago, the average sunspot number was 6, and the average solar flux was just 74.8. Quite a difference from 65.4 and 111.9 during the past week.

Predicted flux values are 105 on August 11 - 13; 108 on August 14; 110 on August 15 - 18; 104 on August 19 - 21; 98, 100, 102, 100, 102, and 100 on August 22 - 27; 102 on August 28 - 30; 108 and 114 on August 31 and September 1; 116 on September 2 - 4; 112 on September 5 - 7; 110 on September 8 - 9, and 108 on September 10 - 12.

Predicted planetary A index is 12 on August 11; 8 on August 12 - 13; 5 on August 14 - 17; 8 and 15 on August 18 - 19; 8 on August 20 - 21; 5 on August 22 - 26; 12 on August 27; 8 on August 28 - 30; 5 on August 31 through Sept. 2; 14, 18, 14, 10, and 8 on Sept. 3 - 7, and 5 on Sept. 8 - 12.

Always appreciate The Sun Now from NASA's Solar Dynamics Observatory:

<https://sdo.gsfc.nasa.gov>.

Another cycle prediction method can be found at: <https://phys.org/news/2022-08-newly-solar-clock-precisely-events.html>.

Sunspot numbers for August 4 through 10, 2022, were 52, 69, 69, 87, 63, 58, and 60, with a mean of 65.4. The 10.7-centimeter flux was 108.8, 112.2, 116.3, 116.1, 113, 109.4, and 107.6, with a mean of 111.9. Estimated planetary A indices were 6, 6, 4, 24, 31, 19, and 11, with a mean of 14.4. Middle latitude A index was 7, 7, 5, 20, 21, 15, and 10, with a mean of 12.1.

Send your tips, questions, or comments to k7ra@arrl.net.

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

[Share](#) your reports and observations

[Just Ahead in Radiosports](#) (T=Contest; P=Party)
 Aug. 13 - 14 -- SKCC Weekend Sprintathon (CW)
 Aug. 13 - Kentucky State Parks OTA (CW, ph, dig)
 Aug. 13 - 14 -- Maryland-DC QSO P (CW, ph, dig)
 Aug. 13 - 14 -- 50-MHz Fall Sprint (CW, ph, dig)

- Aug. 15 -- 4 States QRP Grp 2nd Sun. Sprint (CW, ph)
- Aug. 16 -- Worldwide Sideband Activity T (ph)
- Aug. 17 -- Ph Weekly Test (ph)
- Aug. 17 -- VHF-UHF FT8 Activity T (FT8)
- Aug. 18 - 19 -- Walk for the Bacon QRP T (CW)

See the [ARRL Contest Calendar](#) for more information. For in-depth reporting on Amateur Radio contesting, subscribe to [The ARRL Contest Update](#) via your ARRL member profile email preferences.

All dates & times are UTC.

ARRL Section, State and Division Conventions / Hamfest

In the West or near members anywhere:

Sept. 17 - 18 | [QSO Today Virtual Ham Expo](#) (online event). *ARRL is a QSO Today partner.*

Sept. 23 - 24 | [HRO Superfest](#), hosting the ARRL Central Division Convention, Milwaukee, WI

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:

- [QSO Today Virtual Ham Expo](#) (online event) | September 17 - 18, 2022. *ARRL is a QSO Today partner.*
- [HRO Superfest](#), hosting the ARRL Central Division Convention; Milwaukee, Wisconsin | September 23 - 24, 2022
- [Pacificon](#) hosting the **ARRL Pacific Division Convention**; San Ramon, California | October 14 - 16, 2022

In Brief...

Amateur radio operators are needed for the Marine Corps Marathon on October 30, 2022, in Washington, DC, and Arlington, Virginia.

The call is for 150 amateur radio operators to provide "eyes on the course" using the 144 and 420 MHz bands, with FM and Digital Smart Technologies for Amateur Radio (D-STAR), and a Medical Data Network using Amateur Radio Emergency Data Network (AREDN). Amateur radio will also be used as back-up communications in case all else fails. Operators will prepare

themselves, supplies, and equipment to function in a large-scale, multi-jurisdictional, mass casualty-type event under real-world conditions. Training will be provided, and each operator will receive a commemorative T-shirt. Amateurs can sign up by following the link www.mcmham.org. To learn more about the 2022 Marine Corps Marathon, visit their website at [Marine Corps Marathon](#)

Announcements

- The [EZNEC](#) antenna-modelling software by Roy Lewallen W7EL, is now a free download.
- **DX Engineering has announced that it has added Penta Laboratories RF vacuum tubes to its product line.** "In the ham radio community, special RF power vacuum tubes are essential replacements for current model amplifiers. They are also used to revive legacy amplifiers, and some technically savvy operators build vintage-style homebrew equipment and other devices using vacuum tubes," included the DX Engineering announcement. [Penta Laboratories](#) describes that it "was founded in 1951, and quickly achieved industry-wide recognition for the development of the beam-power Pentode vacuum tube."
- [4A90FMRE](#) is on the air to mark the 90th anniversary of the Federacion Mexicana de Radio Experimentadores. Operation is taking place from all 31 Mexican states plus Mexico City.
- **Special Event:** The London BBC Radio Group has been granted a year-long special event call sign, GB100BBC, to commemorate the centenary of the BBC in 2022. Operations will be carried out by individual members or groups from home stations or **BBC premises.**

Lunch Kitty Financials:		June, 2022	
Attendance: 13 (in Room) - Zoom ?			
		Lunch Kitty, Starting Balance:	\$173.25
<u>Expenses:</u>	Pizza (3) - Salad =	\$104.00	
	Soda: 11 @ 0.55 =	\$6.00	
	Water: 0 @ 0.25 =	\$0.00	
		Food Total:	\$110.00 \$63.25
<u>Income:</u>	Lunch: =	\$135.25	\$198.50
		Recycling:	\$0.00 \$198.50
		Room Rent - To General Fund:	\$0.00 \$198.50
		Starting Kitty for July 19, 2022 Mtg.	\$198.50

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

ARLD032 DX news [Note: 'T' = contest]

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

Thanks to all.

AZERBAIJAN, 4K. Dirk, DK1DKE is active as 4K7DK **until August 13.** Activity is on 80 to 10 meters using SSB and FT8. QSL via DK1DKE, by the Bureau or LoTW.

TANZANIA, 5H. Eugen, DL8AAI will be active as 5H2JK/p during a hiking tour in Kilimanjaro National Park (5HFF-0005) **until August 17,** and some days after hiking, from oshi. Activity will be holiday style, mainly on SSB on 20 to 10 meters. Check for WSPR beacon signals from 5H2JK/P on 15M which will be activated when the antenna is operational. QSL via DL8AAI.

INDONESIA, 8H7/8I7. Celebrating the 77th anniversary of independence, amateurs will be using 8H7 & 8I7 call signs from **August 13 to 21.** Activity will be on 80, 40, 20, 15 and 10M & on 2m/70cm for Satellites, as well VHF Terrestrial on 2 meters, using CW, SSB, RTTY, FT8 and FM.

MALDIVES, 8Q. Giovanni, IZ2DPX will be active as 8Q7AG **until August 20.** Activity will be on various HF bands as well as 6 meters. QSL to IZ2DPX direct, via HE9ERA by the Bureau, LoTW or ClubLog's OQRS.

Also, Stefan, EA5Q will be active as 8Q7QE **from August 14 to 24.** QSL via EA5Q. All contacts will be confirmed via LoTW.

USA, N. Special event station N7C is commemorating the Navajo Code Talkers of World War II, **until August 19.** Look for them on 7265, 14265 and 18130 kHz using CW, FT8 or phone. QSL via Herb, N7HG. Herb's father, John V. Goodluck, was one of the US Marine Corps Navajo Code Talkers, in the South Pacific in WWII.

PAKISTAN, AP75. Members of the Pakistan Amateur Radio Society (PARS) will operate under special call sign AP75PAK and Pakistani hams may use the "AP75" prefix with their existing call sign suffixes **for the month of August** to celebrate the 75th anniversary of Pakistan's

Independence. Activity will be on various HF bands and modes, 6 meters and the satellites.

INDIA, AT2. Members of the West Bengal Radio Club, VU2WB, will activate the special call sign AT2AAM to commemorate the 75th anniversary of the Independence of India. Activity will be on the HF Bands. QSL via AT2AAM or VU2WB.

CUBA, CO. Lefty, CO2QU will be active **until December 31** on 30 meters (FT8/FT4) and 6 meters (FT8). QSL via CO2QU direct or LoTW.

MAYOTTE, FH. Marek, F4VVJ will be active as FH4VVK from **Aug. 20, 2022 to April 1, 2024.** Operations will be on various HF bands and modes. QSL direct (see QRZ.com) or eQSL.

SAUDI ARABIA, HZ. Members of the Saudi Amateur Radio Society will be using the special call sign HZ1CPCF for the "Crown Prince Camel Festival" **until September 4.** Activity has been on 20, 17, 15 and 6 meters using CW, SSB and FT8/FT4. QSL via HZ1SAR.

DJIBOUTI, J2. Jeje, F8FKJ will be active as J20EE sometime this month and into Sept., 2022. His activity will be on 40 to 10 meters using CW, SSB and FT8. QSL via F4DXW direct only.

GRENADA, J3. Greg, N9GB will be active as J38GB **from August 12 to 19.** He expects to be using CW and SSB on 40 to 6 meters including the newer bands. QSL via his home call sign, LoTW, and possibly ClubLog.

ISLE OF MAN, MD. Dale, EI7HDB will be active as MD/EI7HDB from **August 14 to 19.** Activity will be on various HF bands using CW, SSB and digital modes. QSL EI7HDB via the Bureau.

ALAND ISLAND, OG0. Operators Alex, UT5UY/OH5UY, Pasi, OH2MZB, Jouni, OH2JIU, Niko, OH5CZ, Toni, OH5CY, Jere, OH5ELX and Juha, OH5CW will be active as OH5CW from **Aug. 20 to 27.** Activity will be on 160 to 2 meters with a focus on 6 meters and the newer bands, using CW, SSB, RTTY and FT8. QSL via OH5C.

REPUBLIC OF KOREA, HL. Special event station HL77V is QRV during **August 2022** to commemorate the 77th anniversary of liberation. QSL via 6K0MF.

SEYCHELLES, S7. Operators EA3WL and EA3BT will be active as S79/EA3WL and S79/EA3BT **until August 23.** The operation will

be in SAT mode only, on QO-100, RS-44 and others, in a holiday style DXpedition, using SSB, CW and FT8. QSL via EA3BT or OQRS.

ST. KITTS, V4. Jim, NT5V is active as V4/NT5V **until August 18**. Activity will be on various HF bands using CW, SSB and FT8. QSL via home call sign, direct, by the Bureau or LoTW.

ST. KITTS, V4. G0FWX will be active as V47FWX **from August 21 to 30**. Activity will be holiday style on various HF bands using SSB only. QSL via M0URX.

DJIBOUTI, J2. Jeje, F8FKJ is QRV as J20EE **during August and September** from Djibouti City. Activity is on 40 to 10 meters using CW, SSB, and FT8. QSL direct to F4DXW.

GRENADA, J3. Greg, N9GB plans to be QRV as J3/N9GB **from August 12 to 19**. Activity will be holiday style on 40 to 10 meters, and possibly 6 meters using CW, SSB, and possibly FT8. This might include 160 and 80 meters if conditions allow. QSL to home call.

LITHUANIA, LY. Special event station LY786A is QRV **until September 30** to commemorate 786 years of Siauliai City. QSL to LY5A.

SEYCHELLES, S7. Nuria, EA3WL and Josep, EA3BT will be QRV as S79/home calls from Praslin, La Digue, and Mahe Islands, IOTA AF-024, from August 9 to 23. Activity will be on various Satellites using CW, SSB, and FT8. QSL via EA3BT.

COSTA RICA, TI. Special event station TI1GOAL is QRV **until December 2022** to draw attention to the Costa Rican football team participating in the FIFA World Championship. Activity is on the HF bands using SSB & FT8. QSL direct.

CORSICA, TK. Frans, DJ0TP is QRV as TK/DJ0TP from Linguizzetta, IOTA EU-014, **until September 6**. Activity is holiday style on 20, 15, and 12 meters, and possibly 30 meters, using CW, PSK, FT8, and FT4. QSL to home call.

AZORES, CT8. Jim, W6PQL will be active as CT8/W6PQL from Pico Island (HM58rn) **until September 6**. Activity will be on various HF bands and 2 meter EME. QSL via his QTH in California or LoTW.

PHILIPPINES, DU. Mike, W6QT is QRV as DU3/W6QT from Olongapo City on Luzon Island, IOTA OC-042, until **September 15**. QSL #1.

MADAGASCAR, 5R. Elvira, IV3FSG is QRV as 5R8LH from Andavadoaka **until Sept. 8**. Activity is on the HF bands and 6 meters using CW, SSB, and various digital modes. QSL via IK2DUW

GRENADA, J3. Greg, N9GB will be active as N9GB/J3 from **August 13 to 18**. Activity will be mainly holiday style on 40 to 10 meters using CW, SSB and FT8. Most of the time operation will be at night, but sometimes will be during the day. QSL via N9GB.

ARGENTINA, L95. Members of the Radio Club Rosario (LU4FM) will be active [**during 2022 – ed**] with special event call sign L95F to commemorate 95th anniversary of their club. Activity will be on various HF bands. QSL via L95F direct, by the bureau or eQSL.

UNITED STATES, W8. Operators Geoff, W8GNM, Jay, K8CJY and Jon, KB8SRQ will be active as W8GNM/8 from the Port Clinton Lighthouse **August 20, from 1500 to 2100z**. QSL#4

ANGOLA, D2. Bernie, ZS4TX plans to be QRV **from August 12 to 16**, operating on 2 Meter EME and HF as D2TX. There is also a possibility he will be on 6 meters EME and Tropo and 70cm. QSL via PA3CMC.

TURKEY, TA. Berkin, TA3J will be QRV as TA3J/0 from Yassica Island (AS-099) **every Saturday and Sunday until October 31, 2022**. Activity will be on SSB, CW, RTTY and FT8 on 80, 40, 30, 20, 17, 15, 12 and 10 Meters. Logs will be uploaded to Club Log and LoTW.

UNITED KINGDOM, GB22. Look for the following special event stations to be active between **until August 21** to mark the XXII Commonwealth Games: GB22GD/Isle of Man, GB22GM/Scotland, GB22GE/England, GB22GU/Guernsey, GB22GI/Northern Ireland, GB22GW/Wales, GB22GJ/Jersey, GB22HQ/National Exhibition Centre, in Birmingham. QSL all call signs via M0OXO OQRS or LoTW.

TAIWAN, BV. During **the 2022 RSGB IOTA Contest** BM2AAV, BV5OO, BV5PD, BX2AGL, BX3ACH and BX3AC will be QRV as BP0A from Pong-Hu Island, AS-103. QSL c/o ART, P.O. Box 73-326, Taipei, Taiwan.

TAIWAN, BV. Ken, BW2/JP1RIW will be QRV as BX0QSL from New Taipei City between **July 11 and November 30**, using mainly digital modes. QSL via BM2JCC.

POLAND, SN89. Special event station SN89LOT is active on various HF bands **until August 31**. The station commemorates the 89th anniversary of the flight over Atlantic Ocean by two Lithuanian pilots Steponas Darius and Stasys Girenas, who flew from New York in the airplane Lituania to Kaunas on July 15, 1933. QSL via SP1PMY, or #3. GREECE, SV. Special call sign J43POTA is QRV **until August 31** to promote Parks On The Air, POTA, activity from the Peloponnese region. QSL via LoTW.

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

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

Long Term (more than 1 month)

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

INDONESIA, YB. Special Event Station s 7B2C, 7B2E, 7B2T, 7B2H and 7B2O are QRV until the **end of October 2022** to celebrate the Javanese-Hindu Ceto Temple that was built in 1475. Activity is on 80, 40, 20, 15 & 10M using SSB & FT8. QSL #1

MEXICKO, XE. Special event station 4A2MAX is QRV **until November 1** to commemorate Saint Maximilian Maria Kolbe. QSL direct to XE2N.

AUSTRAL ISLANDS, TX5. Haru, JA1XGI will be QRV as TX5XG **from November 2 to 9**. Activity will be on 160 to 10 meters using CW, SSB, RTTY and FT8/FT4 (F/H). QSL via JA1XGI direct, via the Bureau, ClubLog's OQRS or LoTW.

ANTARCTICA. Warren, VK7WN is QRV as VK0WN from the Australian Casey Station, possibly **until October**. Lately he has been QRV on 20 meters using SSB around 0430 to 0800z. QSL via operator's instructions.

NETHERLANDS, PA. Special event station PA900UTR is QRV until **November 11** to celebrate the 900th anniversary since Utrecht was

granted city rights. Activity is on various bands and modes. QSL via PI4UTR.

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

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

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

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

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

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

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

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

Until 2025

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

Notes:

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

AMATEUR RADIO LICENSING EXAMS:

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

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

ARRL Announces Free Exam Review Website

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

Other Free Practice Exam Sites:

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

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

This Practice Exam site Requires Registration

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

ARRL LAX Section Officers:

Section Manager: Diana Feinberg, AI6DF
PO Box 4678

Palos Verdes Peninsula. Ca 90274-9618

AI6DF@arrl.org 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.ARRLLAX.org .

RF Safety – Power Density Web site:

http://hintlink.com/power_density.htm

ARRL [RF exposure calculator](#)

Links: [TRW license test](#)

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

International Space Station (ISS)

Monitor -**145.800** mHz.

PodCast – Amateur Radio News

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

YouTube: [Call Sign History](#)

On-Line Stores / suppliers:

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

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

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

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

<http://www.dxengineering.com>

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

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

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

ARRL <http://arrl.org>

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

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

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

HARC Past & Current Presidents

1973 Doug Erny, AK7E (former W6NPD)

1974 Orson Just, K6JGV, sk

1975, 76 Tom Rothwell, K6ZT, sk

1977 Tom McInnis, WB6ZEB, sk

1978,79 Sam Weise, W6LXR

1980 Bob Poole, AJ6F, sk

1981 Russ Sanford, WA6NQQ, 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:

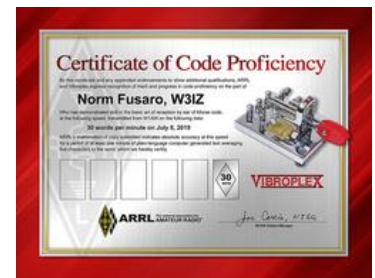
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 & 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM
 CWb = Morse Code Bulletins = 18 WPM

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
Aug.	8/16			8/17		8/19	8/18	8/22		8/23	8/26		
Sept.			9/6	9/8	9/9	9/13	9/14		9/15				9/16
Sept.			9/19	9/21	9/22	9/23		9/26	9/28	9/29			



West Coast Qualifying Runs:

Wed. Aug 24 @ 9 PM PDT (0400 UTC August 25) on 3590 & 7047.5 kHz by K9JM 10 – 40 WPM
 Sat. Sept.24 @ 2 PM PDT (2100 UTC) 3581.5, 7047.5, 14047.5, 18097.5 & 21067.5kHz by K6KPH 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

LAFD CERT Net: 1st Tuesday of the month, 7:00 PM PT

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

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

Club Newsletter: If you have items that would be of interest to the club, any comments, letters, or items for sale or trade, 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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