

The Transponder



The monthly newsletter of the <u>Hughes Amateur Radio Club</u>, <u>W6HA</u>
- An ARRL affiliated club -

September 15, 2023 Repeater: 445.620 – PL 127.3 Website: W6HA.org **Vol. L, No. 9**

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

Meeting Notice: Where: Masonic Center, El Segundo

Location: 520 Main Street, El Segundo, CA 90245

Date: Tuesday, September 19, 2023

Time: Pre-Meeting: 11:45 Gather, Exchange Greetings [Setup 11:30]

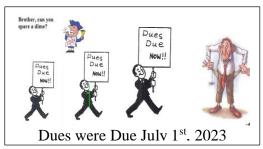
Meeting Call to Order: 12:00 to 1:00 PM

Featured Presentation:

My Trap Dipole Repair.

(Or how <u>not</u> to fix a broken antenna.)

By Neil, AA3EO



Up Coming Events:

October, 3rd weekend – JOTA (Jamboree On-The-Air) KYC 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: Sept/Aug

September: Sept. 23 (0000) to Sept. 24 (2359) **CQ WW DX RTTY Contest,**

Held each year on the last full weekend of September, the contest draws over 15,000 participants and over 3,600 log submittals from around the world. Rules

October: Sat. Oct. 7th (9 am) to Sun. Oct .8th (3 PM) The 58th Running of the California OSO Party OBJECTIVE:

Stations outside of California work as many California stations in as many CA Counties as possible.

Stations inside California work everyone. Non-CA to non-CA contacts do not count for QSO credit. Rules

Jamboree On-The-Air (JOTA)

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

HARC Dues are Due as of July 1st

Believe it or not another year has passed. 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 <u>Hughes ARC</u>) but cash will be accepted, but definitely use a check if submitting by mail. New members that joined after January 1st are paid through June of 2024.

Field Day - Prelim Score: 5421



Photo Credit: Ray, WA6NVL

The club had a great Field Day and our results are improved over last year, **considerably**. Our estimated score is 5421 Vs. 3674 in 2022. A big reason is that we had significantly more CW contacts at both 40 meters (44) and 20 meters (269) all of which receive a 2x multiplier.

Another reason, the bands were good!

Summarizing: Operating Bands QSO Points: 3246
GOTA Station bonus Points: 465
Bonus points (18 categories): 1710

Estimated Total Score: 5421

CharlieMunger

I constantly see people rise in life who are not the smartest, sometimes not even the most diligent, but they are learning machines. They go to bed every night a little wiser than they were when they got up and boy does that help, particularly when you have a long run ahead of you. - Charlie Munger

ARRL Letter - Excerpts of Possible Interest

Hurricane Lee: Amateur Radio Service in State of Readiness, Activations Planned

RICA

HWN

Hurricane Lee is expected to impact portions of New England in the Northeastern United States and Nova Scotia and New Brunswick in Canada.

The storm has had the full attention of forecasters and the volunteer organizations that coordinate Amateur Radio response to hurricanes.

Amateur Radio Emergency Service® (ARES®) groups are in an elevated state of readiness and alert ahead of the storm.

ARRL Sections in the areas forecast to be impacted are preparing for activation. Section Manager of the ARRL Maine Section Phil Duggan, N1EP, sent an email to members in the section on Thursday encouraging them to ready their stations and homes. "Because of all the rain we have been getting, the likelihood of trees toppling is increased and most likely power outages," he wrote. Duggan said the Washington County ARES group would be on the air starting Friday.

Portions of Eastern Massachusetts and Rhode Island have been dealing with flooding rain and tornadoes over the past week.

Other areas of New England have had amateur radio activations throughout the week. Section Emergency Coordinator of the ARRL Eastern Massachusetts Section Rob Macedo, KD1CY, who also serves as SKYWARN Coordinator for the National Weather Service Boston/Norton (MA) office and as Operations Manager for the Hurricane VoIP Net says formal activations are planned of the SKYWARN program. "We will support Massachusetts Emergency Management Agency efforts via the SKYWARN mission giving situational awareness and disaster intelligence information on storm damage, coastal flooding, any flooding from heavy rainfall and rain gauge reports," he said.

The <u>Hurricane Watch Net</u> (HWN) is in Alert Level 2 - Monitoring Mode. HWN Net Manager Bobby Graves, KB5HAV, published an update on the groups website. "The National Hurricane Center is forecasting Hurricane Lee to slowly weaken over the next few days and make landfall Saturday

evening in Nova Scotia, or perhaps New Brunswick Sunday morning, as a Tropical Storm or Post-Tropical Cyclone... Not knowing for sure "if" Hurricane Lee will weaken, and, not knowing for sure where landfall could occur, the Hurricane Watch Net remains at Alert Level 2 - Monitoring Mode," he wrote. The HWN tentatively plans to active Saturday morning at 8:00 am EST on 14.325 MHz and 7.268 MHz, depending on need.

The <u>Hurricane VOiP Net</u> is planning to activate on Saturday, according to the group's Public Information Officer, Lloyd Colston, KC5FM, "The VOIPWX.net will be activating Saturday on Echolink 7203 and IRLP 9219 for possible Hurricane Lee reports from New England and Canadian provinces...The net will also connect to the Kansas Sunflower System (www.sunflowernet.us) with connections to Allstar, Hamshack Hotline, TGIF DMR, Dstar, Fusion, M17, and P25," said Colston in an email.

Both groups funnel reports to the <u>WX4NHC</u> amateur radio station at the National Hurricane Center, if active.

As ARRL Field Organization leaders begin activating volunteers, radio amateurs are encouraged to prepare their stations with the <u>ARES go kit checklist</u>.

This story was last updated at 4:30 pm EST on Thursday, September 14. For the latest information on Amateur Radio Service activations for Hurricane Lee, check ARRL News.

ARRL Files Comments Against "Seriously Flawed" Shortwave Rules Petition

ARRL, as part of its mission to protect Amateur Radio, has filed <u>comments against a proposal</u> that would introduce high-power digital communications to the shortwave spectrum that in many instances is immediately adjacent to the Amateur HF bands.

The "Shortwave Modernization Coalition" (SMC), which represents certain high-frequency stock trading interests, filed <u>the petition</u> with the Federal Communications Commission (FCC). (**Previous coverage can be found on <u>ARRL News.</u>)** ARRL responded on behalf of its members and the 760,000 licensees of the Amateur Radio Service in the US.

The ARRL Laboratory performed a detailed technical analysis over several months to determine if the proposed rules would affect operations on the bands allo-

cated to Radio Amateurs that are inter-mixed with the Part 90 bands in the spectrum in question.

ARRL's analysis determined that, if the proposed rules are adopted, the new operations inevitably will cause significant harmful interference to many users of adjacent and nearby spectrum, including Amateur Radio licensees. Ed Hare, W1RFI, a 37-year veteran of the ARRL Lab and internationally recognized expert on radio frequency interference, was the principal investigator on the study. Hare concluded the petition should not be granted. "This petition seeks to put 50 kHz wide, 20,000-watt signals immediately next to seven different amateur bands with weaker protections against interference than required in other services," said Hare.

In its formal opposition, ARRL stated, "That destructive interference would result if operations commenced using anything close to the proposed maximum levels."

ARRL's filed comments highlight flawed analysis and incomplete data submitted by the petitioners. It noted the petitioners "...significantly understate the harmful interference that is not just likely, but certain, if the rules proposed by SMC are adopted as proposed. It is noteworthy that SMC's proposed rules would provide less protection than the much-lower power amateur radio transmitters are required to provide Part 90 receivers." ARRL's opposition also noted that there was no reported tests conducted with Amateur or other affected stations, but referenced a spectrum capture in the Comments filed with the Dayton Group that showed actual interference into the Amateur 20-meter band from one of the High Frequency Trading experimental stations.

Part 90 HF rules currently authorize a maximum signal bandwidth equal to a voice communications channel, at up to 1000 W peak envelope power (PEP). The petition seeks multiplication of signal width, greater transmitted power, and weaker rules that protect users of adjacent spectrum. ARRL's comments expose the likely fallout:

"Incredibly, notwithstanding the significant increase in potential interference that would result from using digital schemes with 50 kHz bandwidths and 20,000 watts of power, SMC also proposes to substantially lessen the protections required to protect adjacent and neighboring licensees. SMC proposes [out-of-band emissions] limits that offer less protection than the existing Part 90 limits and would actually permit no attenuation (0 dB) at the edge of adjacent allocations, many of which are bands allocated to and heavily used in the Amateur Radio Service. Consistent with lessening protections while increasing the potential for harmful interference, SMC also proposes a lower limit for spurious emissions. SMC would reduce the existing protection of -73 dB for

the applicable 1000-watt power limit to just -50 dB protection for their proposed 20,000-watt limit. Due to the much wider 50 kHz proposed bandwidth, the resulting interference would penetrate deep into the adjacent Amateur bands."

The proposal has been assigned FCC Docket No. RM-11953. While the period for commenting on the petition has now closed, replies to comments in the record may now be submitted.

Hundreds of licensed Radio Amateurs filed comments in the Docket, expressing overwhelming opposition to the proposal. Those interested may read ARRL's full comments and the results of the technical analysis, which are included in the filing. "If granted as written, this would be devastating to Amateur operation for many tens of kHz into our bands," said Hare.

ARRL will continue to advocate for its members and the Amateur Radio Service in this proceeding.

Read ARRL's Opposition and the ARRL Lab's technical analysis here.

Commercial Interests Petition FCC for High Power Allocation on Shortwave Spectrum

The ad hoc group Shortwave Modernization Coalition petitioned the Federal Communications Commission (FCC) to allow data communications on multiple bands within the HF 2 - 25 MHz range with up to 20 kW, including on bands immediately adjacent to spectrums allocated to the Amateur Radio Service. This group appears to represent high-speed stock trading interests. The FCC has assigned the public notice as docket number RM-11953. Comments are due by July 31, 2023, and comment replies are due by August 15, 2023. While the petitioners exclude the amateur bands, high-power operations on immediately adjacent bands are proposed. ARRL is reviewing the petition.

A PDF of the petition is available at: https://www.fcc.gov/ecfs/document/1042840187330/1.

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 offi-

cial 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...

The 3rd annual Masonic Lodges on the Air (MLotA), an amateur radio special event, will occur on Saturday, September 23, 2023, from locations across the United States. The event is open to all amateur radio operators. The idea for the event grew from the realization that many Freemasons also have a love for amateur radio. The Fulton County Amateur Radio Club and Ohio's Fulton Lodge #248 first hosted the event in 2021. The mission is to promote fraternal bonds within the ranks for Free and Accepted Masonic lodges and its many amateur radio operators, who are also brothers in the fraternity while encouraging contact with amateur radio operators around the state, county and world. The event will take place from 10:00 AM - 6:00 PM ET, on 80 - 40 - 20 - 15, and 10 meters SSB. Amateur radio participants are asked to honor all band plans, and all contacts must be on the phone portion of the bands. Stations may be contacted once on each band. Complete contest rules and more information can be found at comorelight.com/rules.

Visit the ARRL Special Event Stations database at www.arrl.org/special-event-stations.to find other on-the-air events and commemorations.

Planning is underway for a birthday party and special event to celebrate ARRL member Oscar Norris, W4OXH, as he turns 106 on September 25, 2023. Licensed since 1949, Norris is the oldest living amateur radio operator in North Carolina, according to Gaston County Amateur Radio Society President Tony Jones, N4ATJ. There will be a "Ham of the Century" special event station on the air to honor Norris, beginning at 0000 UTC on September 20 and running through 2359 UTC on October 1. The net will be random throughout the

day on any band and mode. A QSL card will be available for all contacts.

The 2023 Route 66 On the Air Special Event began on Saturday, September 9, and will run through Sunday, September 17. Twenty-one special event stations are operating along the route from Santa Monica, California, to Chicago, Illinois. This is the 24th year of the event, which was started by the Northern Arizona DX Association (NADXA) to celebrate the history of the road. Nicknamed the Mother Road for how it served as refuge for those displaced by the Great Depression, US Highway 66 was established in 1926, and was the first major improvement to link the west coast and the Midwest. Now, the event is coordinated by the Citrus Belt Amateur Radio Club (CBARC) in San Bernardino, California. Additional information is available on CBARC's website and Facebook page.

Amateur radio operators are needed for a realworld 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-OPs) 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.

The K7RA Solar Update

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP037:

Like last week, eight new sunspot groups emerged this reporting week, September 7 - 13, 2023.

One appeared on September 7, another on September 9, four more on September 10, another on September 11, and one more on September 12.

Solar activity made a nice comeback, with average daily sunspot numbers rising from 95.4 to 138.1, and solar flux increasing from 137.6 to 159.9.

The most active geomagnetic day was September 12, when the planetary A index was 25. A "stealth CME" with an aurora visible as far south as Missouri was reported on spaceweather.com.

The average daily planetary A index decreased from 15.4 to 10.4, and middle latitude numbers decreased from 16.3 to 11.3.

The autumnal equinox in the Northern Hemisphere is on September 22 -- just a week away.

It seems that the next sustained short-term peak in solar flux is a few weeks off, with values between 150 and 155 on October 12 - 17, although it's expected to reach 150 on September 23 - 24.

The forecast shows the solar flux at 145, 145, 148, 145, and 145 on September 14 - 18; 148 on September 19 - 20; 145 on September 21 - 22; 150 on September 23 - 24; 145 on September 25; 140 on September 26 - 27; 135 on September 28 -30; 130, 135, 130, and 135 on October 1 - 4; 140 on October 5 - 6, and 135 on October 7 - 8.

Predicted planetary A index is 12 and 15 on September 14 -15; 8 on September 16 - 17; 5, 5, and 10 on September 18 -20; 5, 5, and 12 on September 21 - 23; 5 on September 24 -27; 8, 12, and 8 on September 28 - 30, and 5 on October 1 - 8.

Sunspot numbers for September 7 - 13, 2023, were 135, 123, 119, 167, 173, 141, and 109, with a mean of 138.1. The 10.7centimeter flux was 160.8, 160.9, 161.4, 163.9, 176.4, 153.5, and 142.6, with a mean of 159.9. Estimated planetary A indices were 6, 6, 8, 4, 7, 25, and 17, with a mean of 10.4. The middle latitude A index was 11, 8, 12, 6, 8, 17, and 17, with a mean of 11.3.

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 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

Some people hear voices. Some see invisible people. Others have no imagination whatsoever. ... Unknown

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:

September 13 - 19 -- Tennessee W1AW/

September 13 - 19 -- Colorado W1AW/0

September 20 - 26 -- Texas W1AW/5

September 20 - 26 -- Pennsylvania W1AW/3

September 20 - 26 -- New Hampshire W1AW/1

Contests:

Sept. 16 - 17 -- SARL VHF/UHF Digital T (dig)

Sept. 16 - 17 -- ARRL 10 GHz and Up T (CW, ph)

Sept. 16 - 17 -- Iowa OSO Party (CW, ph, dig)

Sept. 16 - 17 -- Texas QSO Party (CW, ph, dig)

Sept. 16 -- Wisconsin Parks OTA (CW, ph, dig)

Sept. 16 - 17 -- New Jersey QSO P (CW, ph, dig)

Sept. 16 - 17 -- NH QSO P (CW, ph, dig)

Sept. 16 - 17 -- Washington Salmon Run (CW, ph)

Sept. 17 -- North American Sprint, RTTY (dig)

Sept. 17 -- BARTG Sprint PSK63 T (PSK63)

Sept. 18 -- RSGB FT4 T (FT4)

Sept. 18 -- 144 MHz Fall Sprint (CW, ph, dig)

Sept. 21 -- NAQCC CW Sprint (CW)

Sept. 21 -- NTC QSO Party (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 profile email preferences. Dates & times are UTC

ARRL Section, State and Division Conventions / Hamfest

In the West or near members anywhere:

September 22 - 23 | HRO Superfest, hosting the ARRL Wisconsin State Convention, Milwaukee, Wisconsin

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

When tempted to fight fire with fire, remember that the Fire Department usually uses water. ... Unknown

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 multimode 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, ½ 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

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

Italics ... Fred Schilling, KK6SZX

Lunch Kitty Financials:

Lunch Kitty F	inan	cials:		Ju	2023		
Attendance: 12							
	L	unch	Kitty, St	artin	g Balance:	\$286.50	
Expenses:	Pizza (3), Salad			=	\$95.00		
Soda:	14	@	0.71	=	\$10.00		
Water:	1	@	0.25	=	\$0.25		
		F	ood To	tal:	\$105.25	\$181.25	
Income:			Lunch:	=	\$110.75	\$292.00	
Room Rent - 1	o Ge	eneral	\$292.00				
Start	\$292.00						
July		Ga	in / Los	SS:	\$5.50		

Lunch Kitty F	inan	cials		Au	g	2023	
Attendance: 12							
	L	unch	\$292.00				
Expenses:	Hot Dogs, N6MHD =				\$0.00	Donatiion	
Soda:	11	@	0.75	=	\$8.25		
Water:	2	@	0.25	=	\$0.50		
		F	ood To	tal:	\$8.75	\$283.25	
Income:			Lunch:	=	\$26.00	\$309.25	
Room Rent -	om Rent - To General Fund: \$0.00						
Sta	\$309.25						
Aug		Ga	in / Los	SS:	\$17.25	·	

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

Select DX News (QRV = Ready! or Are you Ready?) ARLD037 DX news [Note: 'T' = contest] This week's bulletin was made possible with information provided by JA2VBK, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

ROTUMA ISLAND, 3D2. Darren, VK4MAP is QRV as 3D2RAT **until September 29**. Activity is holiday style on 80 to 10M using SSB. QSL#

CRETE, SV9. John, SV9CJO is QRV as special event station SV9/J43ND during all of September representing a social action against drugs. OSL 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.

TIMOR-LESTE, 4W. Satoshi, JH2EUV is QRV as 4W/JH2EUV from Dili **until October 13**. Activity is in his spare time on 80 to 6M. QSL #1.

JAMAICA, 6Y. Don, M0CVZ is QRV as 6Y5DH **until September 30**. Activity is holiday style on 40 to 10 meters using SSB. QSL via LoTW.

BOTSWANA, A2. Sajid, VA3QY is QRV as A22EW **until October 8.** Activity is on 20 to 10 meters, and possibly 6 meters, using CW, SSB, FT8, and JS8. QSL via KB2MS.

BALEARIC ISLANDS, EA6. Andreas, DK5ON is QRV as EA6/DK5ON from Mallorca Island, IOTA EU-004, **until September 28**. This includes being active from Lighthouse ARLHS BAL-010, WLOTA 1902. Activity is on 40 to 6 meters using CW, SSB, and digital modes. QSL #1

ALAND ISLANDS, OHO. Operators PA2A, PE1NYQ, PG2K and PA0VHA will be QRV as OH0RY from Mellanon Island **from September 17 to 30.** Activity will be on the HF bands. This includes being an entry in the upcoming CQ World Wide RTTY DX Contest. QSL #2

CURACAO, PJ2. Gabor, HA3JB will be QRV as PJ2/HA3JB **from September 16 to 26.** Activity will be on 80 to 6M using CW, SSB, RTTY, & FT8. This includes being an entry in the upcoming CQ World Wide RTTY DX contest. QSL direct.

GREECE, SV. Members of the Salamis Radio Amateur Group will be QRV with special call

SX480SNB **from Sept. 16 to 30** to commemorate the 480 BC Battle of Salamis. QSL on LoTW.

DODECANESE, SV5. Claudio, HB9OAU is QRV as SV5/HB9OAU from Karpathos Island, IOTA EU-001, **until Sept.r 21**. Activity is on 80 to 10M using CW, SSB & FT8. QSL via LoTW.

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

PALAU, T8. Operators JR3QFB, JO3LVG and JM1LIG are QRV as T88JH, T88MK, and T88FM, respectively, from Koror Island, IOTA OC-009, **until September 19**. Activity is on 40 to 6 meters using CW and some SSB. QSL to home calls.

MICRONESIA, V6. Look for V6Z, V63Z, V6AAA, V6WW, V63FM, V63OS, V63VB, and V63SX to be QRV from Weno Island, IOTA OC-011, **from September 18 to 21.** Activity will be on 160 to 6 meters using CW, SSB, and FT8. This includes a beacon active on 50150 kHz. QSL #2

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

CHATHAM ISLANDS, ZL7. Holger, ZL3IO will be QRV as ZL7IO **from September 16 to 29.** Activity will be on 160 to 10 meters using CW, SSB, RTTY, FT8, and FT4. He plans to be active in the upcoming CQ World Wide RTTY DX contest. QSL via DK7AO.

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.

MALTA, 9H. Members of the Marconi Radio Circle and Central Radio Amateur Circle will be operating with special call 9H6XPO in Imtarfa **from** Oct. 2 to 6.

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

AUSTRIA, OE. Special event stations OE2XXM and OE5XXM are QRV **during September** around the international Autumn field day in Gosau. QSL #2

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

SWAINS ISLAND, KH8/S. This effort, postponed since 2020, is now scheduled for **October 4 to 17** using the call sign W8S. Six stations are planned, using CW, SSB, RTTY and FT8, on 160 to 6 meters, with ops DL6JGN, PA3EWP, DL2AMD, PG5M, KO8SCA, PA4WM, PA5X, PA2KW, DJ9RR and NG7M. OSL via M0OXO.

Long Term (more than 1 month)

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.

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 architect-tural 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. <u>ARRL Exam Review for Ham Radio</u>TM 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

<u>LAX Section Traffic Mngr:</u> Kate Hutton, K6HTN For Radiogram formatting instructions go to www.ARRLLAX.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-

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, K6GOV

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 1/4 Meters

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

SCRRBA (Southern California Repeater and Remote Base Assoc.) – 440 mHz (70 cm) and up http://www.scrrba.org/BandPlans/BandPlans.htm

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

Morning	Schedule:

	-9 ~	01100.0.															
Winter	nter Sur		Summer		oca	al	Mode	Days									
1400 U	UTC 1300 UTC		00 UTC 1300 UT		400 UTC 1300 UT		.400 UTC 1300 UTC		400 UTC 1300 UTC		00 UTC 1300 UTC		UTC (6 AM PDT)		PDT)	CWs	Wed, Fri
1400	" 1300 UTC) " 1300 UT		00 " 1300 UT		400 " 1300 UT		1400 " 13		UTC	(6	AM	PDT)	CWf	Tue, Thu	
Afternoon/Evening S					edul	Le:											
2100 U	JTC	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	11	(7	PM	PDT)	CWf	Mon, Wed, Fri									
0300	**	0200	11		**		CWs	Tue, Thu									
0400	"	0300	"	(8	PM	PDT)	CWb	Daily, CW Bulletin,18 WPM									



Trequencies (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

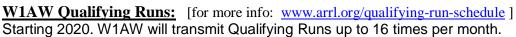
Notes:

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.



Time is PST: [10 – 35 wpm – **Bold 35, 40 – 10 wpm]** – on CW Frequencies listed above.

				,										
Month	6 AM	<u> 1 PM</u>	<u> 4 PM</u>	<u> 7 PM</u>	<u> 6 AM</u>	<u> 1 PM</u>	<u> 4 PM</u>	<u> 7 PM</u>	6 AM	<u> 1 PM</u>	<u> 4 PM</u>	<u> 7 PM</u>	<u> 6 AM</u>	
Sept.			9/18	9/20	9/21	9/22		9/25	9/27	9/28				
Oct.		10/2	10/3	10/5	10/6	10/10	10/11		10/12			10/13	10/17	
Oct.	10/17			10/18		10/20	10/19	10/23		10/24	10/27		10/26	

West Coast Qualifying Runs:

Sat Sept 23 @ 2 PM PDT (2100 UTC) on 3581.5, 7047.5, 14047.5, 18097.5 & 21067.5 kHz by K6KPH – 10 – 35 WPM Wed Oct 25 @ 6 PM HST (0400 UTC Oct. 26) on 7047.5 & 14047.5 kHz by KH6TU 40 – 10 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 <u>K1USN SST</u>. **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 Ray, WA6NVL SCRRBA REP: WA6NVL at ARRL.net WB6MMQ at ARRL.net

MEETING HOST: Dale, WB6MMQ

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 Brian, AB6UI AB6UI at AOL.com ANT. TRAILER Coor:

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

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, WB6MMO 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.