



# The Transponder



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

November 12, 2021 Repeater 445.620 – PL 127.3 Website: <http://W6HA.com> Vol. XLVIII, No. 11

**\*\*\* CLUB MEETING O-T-A (MOTA)\*\*\***

**Where:** The club’s Repeater, and Zoom (See E-mail or Web Site for ID & PW)  
**Location:** Repeater location – “High Above LAX”

**Meeting Notice:** Date: Tuesday, November 16, 2021

Time: Pre-Meeting: 11:30 Gather, Exchange Greetings  
Meeting Call to Order: 12 to 1 PM (Zoom Audio on Repeater)  
On-Air Roll Call (Sign-In), 11:30 (informal discussion / Greetings)

**Featured Presentation:**

The **10 Meter ARRL DX Contest Past &**  
**Preparation for the Contest Future**

**Up Coming Events:**

**Saturday, Dec 4 – Ray Miller 50/50 Ultimate Trail Run**

**Dec. 11-12 - The ARRL 10 Meter Contest** (Starts Friday @ 4:00 PM PST) **Calling all Techs!!!**

<b>Inside:</b>	<b>page</b>
Club News	2
ARRL Letter – excerpts of possible interest	3
K7RA Solar Update	5
Just Ahead in Radio Sport	5
ARRL Section, State and Division Conventions / Hamfest	6
Select DX News	7
Amateur Radio Licensing Exams & LAX Section officers	10
Band Plans – VHF/UHF	10
WIAW Schedule – Qualifying Runs & SKCC info	11
Club Officers & Info	12

**Lunch:** You are on your own, but my recommendation: Order some pizza, delivered, from the club’s supplier – Tower Pizza on Lincoln Blvd – 310-410-0986, say Hughes ARC or me, (Dale) sent you.

**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) Raytheon & other Emergency Communication Teams (ECT)**

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

*This program is not sponsored by the El Segundo Public Library.*

## Club News:

### Presidents Corner

**Spruce Goose** - On November 2<sup>nd</sup> in 1947, Howard Hughes' H-4 Hercules prototype (aka 'Spruce Goose') made its one and only flight, in Long Beach Harbor. We have decided that it would be fun for our club to run a special event station(s) to commemorate the 75<sup>th</sup> anniversary of this historic event in November of 2022.

Dale, WB6MMQ, is currently forming a committee to work out all the details to make this happen.

**Web Site** - We have a new Web Master KM6FP. He has been working hard to update the club web page. Part of that activity will be to add a "fresh look" to the page, make updates and add new features. One of those updates will be a new club logo. We are the Hughes ARC and part of our legacy stems from Howard Hughes. Howard Hughes was a HAM and had the callsign 5YC. (Obviously this was before the "modern" conventions for ham callsigns were established).

**LOGO Contest** - So, with this in mind, we have started a W6HA logo contest. We have been talking about this for several weeks on the weekly net but I wanted to firm up the contest rules:

- The logo will be used on the club web page and on official correspondence, stationary, QSL cards, etc.
- It should reflect on the legacy of Howard Hughes and his contributions and some of our clubs contributions to furthering the art of ham radio.
- Submissions should be submitted no later than March 31<sup>st</sup> 2022 and the winner will be announced at the April club meeting.
- The board members will review the entries and choose the best logo.
  - **A Tri-Band HT awarded to the winner.**

**In-Person Meetings** - The library has been allowing the meeting rooms to be reserved (masks required) for a couple of months now. But our "well oiled reservation machine" has gotten a little

rusty. We trust that most people wanting to attend in-person are fully vaccinated. It may go beyond trust. At the end of November, it becomes LAW that you must show proof of vaccination to attend a public event. Most likely the library will follow the law.

The meeting will also be on Zoom, from the library, for those who are uncomfortable attending in-person, because of Covid-19, a long drive from the valley, or just didn't feel like getting out of their PJs.

On the upside, we have managed a reservation for the December meeting, 3<sup>rd</sup> Tuesday, Dec. 21<sup>st</sup>.

Unfortunately, Covid-19 is proving to be a rather unpredictable. Vaccination rates are high in Southern California and the weather is warmer, so likely we'll be OK. However, in the Mid-West, with lower vaccination rates and cooler weather, Covid-19 is on the upswing again. And in Germany, with even lower vaccination rates and cooler weather, they are back to the hospitals being overwhelmed, again! So stay tuned.

**The Good News!** In December, or whenever our First Official In-Person meeting is actually held, Our V.P. Howard, KE6MAK is donating an HT to be raffled off, to In-person attendees, so you will want to attend.

73 de AB6UI, Brian

### Nonprofit Status

It has been an auspicious weekend for the Hughes Amateur Radio Club. As I started writing this column, I received an email indicating that the Secretary of State of the State of California has accepted our Articles of Incorporation and so, the **"Birth Date" of the Hughes Amateur Radio Club, Inc.** was on **November 2, 2021.**

**Curiously, that is exactly 74 years after the First and Only flight of the Hughes H-4 Hercules Flying Boat, aka the 'Spruce Goose'** for which we are planning a Special Radio Event, next year on or about November 2, 2022, the 75<sup>th</sup> anniversary of the flight. Serendipity, I guess!

So, one significant first step is completed, but the work is not done. There are several minor tasks, but the next significant step is getting a "Nonprofit Determination" from the IRS. This determination is what is required to claim the 501 (c)(3) designation and allows donations to the club to be

tax deductible to the donor. The final step is presenting that to the Franchise Tax Board, who generally accepts the IRS' ruling. When the FTB accepts the IRS ruling, then the Corporation is also relieved of California taxes. At that point we're pretty much "Home Free" of taxes.

Dale, WB6MMQ  
Chair Nonprofit committee

## Contests / Special Events : Nov/Dec

### **ARRL Sweepstakes Contest, SSB – Nov. 20, 2100 UTC to Nov. 22, 0259 UTC**

**Contest Objective:** To support amateur self-training in radio communications, including improving amateur operating skills, conducting technical investigations, and intercommunicating with other amateurs. Stations in the United States and Canada (including territories and possessions) exchange information with as many other US and Canadian stations as possible on the 160, 80, 40, 20, 15 and 10 meter bands.

**Contest Exchange-** consists of:

**Serial Number:** A consecutive contact number starting with 1.

**Precedence:**

- "Q" for Single Operator, QRP
- "A" for Single Operator, Low Power
- "B" for Single Operator, High Power
- "U" for Any Single Operator Unlimited Power Category (High, Low, or QRP)
- "M" for Multioperator, High Power or Multioperator, Low Power
- "S" for School Club

**Your Call Sign:** must be part of the exchange.

**Check:** The last two digits of the year the operator or the station was first licensed. The same Check must be sent throughout the contest.

**ARRL/RAC Section:** [ARRL Contest Multipliers List](#)  
Complete Detailed [Rules](#)

### **The ARRL 10 Meter Contest – December 11 – 12 UTC (Dec 10; 5 PM to Dec 12; 4:59 PM PDT)**

The solar cycle is back on an uptrend, so perhaps it's a good time to try the 10 meter contest as a club again. It has been five (5) years. Since there are Tech privileges on 10 meter all members can participate. Most of the action is in the Tech portion of 10M (28.3 to 28.5 MHz).

The first thing you need to think about is an antenna. [Check this link](#) for a very simple, but

effective, 10 meter antenna that, supposedly will not disturb marital bliss. This article is based on a Radio Shack CB antenna, but any 99" length of metal will do for the vertical radiating element. I re-purposed an aluminum flag support formerly used on our front porch. Remember, if you submit a log, list the Club's name, Hughes Amateur Radio Club. Find more details and the rules [here](#).

Dale, WB6MMQ

Lunch Kitty Financials – for Feb., 2020

**Attendance:** 21

	Starting Lunch Kitty:	\$ 150.75
Expenses:	Pizza(1) & Salads	\$102.00
	Drinks: Soda: 8 @ 0.375 =	\$3.00
	Water 2 @ 0.25 =	\$0.50
	Food Total:	\$105.50
Income:	Lunch:	\$108.75
	Recycling: 7/17/21	30.00
	Room Rent-To General Funds:	\$00.00
	Starting - Kitty for Mar 17, 2020 Mtg:	\$184.00
	<u>[Gain of \$30.25 - \$20.00 for room rent = Gain of 10.25]</u>	

## ARRL Letter - Excerpts of Possible Interest

### **December 2021 Issue of QST to Mail Mid-Month, Arrive Thanksgiving Week**

Due to the widespread paper shortage and related supply chain issues, the December 2021 issue of *QST* will mail approximately one week later than usual, arriving in homes the week of November 22.



ARRL members can read the [digital edition](#) of the December issue now.

## DXpeditioner Says Operating from Crozet is Limited by Nature

The recent announcement of a pending 3-month DXpedition to activate Crozet Island (FT5W) in 2022 - 2023 has generated enthusiasm within the DX community. Right on the heels of the announcement, the Northern California DX Foundation ([NCDXF](#)) pledged \$20,000 to support the DXpedition. The point person for the planned event, Thierry Mazel, F6CUK, wants to temper any overblown expectations, as demand will be extremely high for the third most-wanted DXCC entity -- right behind North Korea and Bouvet Island. Thierry says nature-related factors,



including climate, will dictate the manner in which the DXpedition takes place.

"The wind blows almost constantly at 70 kilometers per hour (43 MPH), with gusts that can reach 150 kilometers per hour (93 MPH) within a few minutes," Thierry and co-planner Paul Granger, F6EXV, said in a recent news release. "There are no real seasons on Crozet, so these conditions apply all year long, even if, during the austral summer, nicer days can be expected."

Added to the possibility of gale or hurricane-force winds, the "fairly hard" volcanic rock that covers the archipelago and "very strict rules" in place to protect fauna and flora, will severely restrict the sorts of antennas that might be deployed. "For bird protection, antennas, guy wires, and anything that could be an obstacle are forbidden," Thierry and Granger said. Just securing guy lines for a four-square would require more than 30 concrete blocks, [because] digging holes is not permitted. The original idea to erect four-square arrays for 40 and 20 meters was refused, they said. The French Austral Islands are United Nations Educational, Scientific, and Cultural Organization (UNESCO) World Heritage sites and declared as protected areas.

"The only possibility that the administration allowed, was to have an [antenna] attachment point to an existing building and have wire antennas from there," Thierry and Granger said. "No beam! This is clearly stated in the permit we received."

As if those weren't enough roadblocks, any equipment brought onto the island must be thoroughly cleaned to prevent the introduction of pollen, seeds, or non-native organisms.

DXpedition planners are pondering the "best solution for the best antenna possible."

The last ham radio activity from Crozet was in 2009 by Florentin Bard, F4DYW, who operated as

FT5WQ. Contrary to earlier accounts, the DXpedition has not announced its call sign, which will not be made public in advance. The solo DXpedition in 2022 - 2023 is anticipated to cost as much as \$58,000.

The Twitter account is @crozet2022, and a website is expected to be online soon. When it's up and running, it will include details of how donated funds will be applied. Thierry has pledged that all contributions will be refunded if the operation does not take place

## October 2021 Volunteer Monitor Program Report

The Volunteer Monitor (VM) Program is a joint initiative between the ARRL and FCC to enhance compliance in the Amateur Radio Service.



- Technician-class operators in Yarmouth Port, Massachusetts, and Richmond, Texas, received *Advisory Notices* after making numerous FT8 contacts on 40 and 20 meters. Technician-class licensees are not allowed to transmit data on 40 meters and have no operating authority on 20 meters.
- Operators in Mims, Florida; Moorefield, West Virginia; State Road, North Carolina, and Grottoes, Virginia, received *Advisory Notices* concerning excessive SSB bandwidth on 40 and 75 meters. The operator in Moorefield, West Virginia, previously received an *Advisory Notice* for out-of-band operation on 7.138 MHz. His case will be referred to the FCC for further enforcement action, which could include removal of voice privileges from, or revocation of, his General-class license.
- An operator in Cave Creek, Arizona, received an *Advisory Notice* for making lengthy transmissions without identifying, as required by Commission rules.
- An operator in Highlandville, Missouri, was reminded that a beacon on 30 meters cannot be automatically controlled, pursuant to 97.203(d) of the Commission's rules, and must have a control operator present at all times of transmission. He was further advised that the FCC may request a schedule of control operators and their duty hours.



The Crozet Islands archipelago. [Photo courtesy of Discover France]

The final totals for monitoring in September were 1,909 hours on HF frequencies and 2,716 hours on

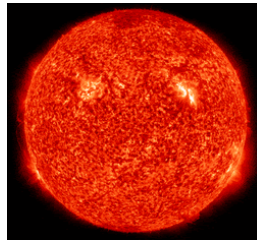
VHF frequencies and above, for a total of 4,625 hours.

There was one recommendation to the FCC for case closure and renewal of a license, and one request to review a license application. The FCC referred two cases to the VM Program. -- *VM Program Administrator Riley Hollingsworth, K4ZDH*

### The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Sunspot activity and solar flux dropped this reporting week (November 4 - 10), with average daily sunspot number retreating from 67.6 to 36.4, and solar flux from 102 to

89.1. Geomagnetic indicators rose; average daily planetary A index went from 12 to 18, and middle latitude values went from 9 to 11.7.



Predicted solar flux is 86 on November 12; 85 on November 13 - 16; 84 on November 17; 83 on November 18 - 19; 90 on November 20; 95 on November 21 - 27; 90 on November 28 - 29; 85 on November 30 - December 2; 82 on December 3 - 4; 85 on December 5; 82 on December 6 - 9; 80 on December 10 - 11; 85 on December 12, and 87 on December 13 - 15. Flux values may peak at around 95 on December 18 - 24.

Predicted planetary A index is 5 on November 12 - 15; 8 on November 16 - 17; 5 on November 18 - 27; 10, 10, and 8 on November 28 - 30; 5 on December 1 - 4; 8 on December 5; 5 on December 6 - 9; 7, 7, 10, and 8 on December 10 - 13, and 5 on December 14 - 24. Sunspot numbers for November 4 - 10 were 28, 40, 41, 28, 41, 40, and 37, with a mean of 36.4. The 10.7-centimeter flux was 93.8, 92.8, 82.1, 87.5, 88.3, 92, and 87.5, with a mean of 89.1. Estimated planetary A indices were 69, 13, 18, 6, 5, 7, and 8, with a mean of 18. Middle latitude A index was 42, 9, 13, 4, 3, 6, and 5, with a mean of 11.7.

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

### Just Ahead in Radiosports

(T=Contest; P=Party)

Nov. 13 - 14 -- WAE DX Contest, RTTY  
 Nov. 13 - 14 -- Day of the YLs Contest (CW, ph)  
 Nov. 13 - 15 -- PODXS 070 Club Triple Play Low Band (dig)  
 Nov. 13 - 14 -- 10-10 Internatnl Fall Contest (dig)  
 Nov. 13 - 14 -- SARL V/UHF Analog T (CW, ph)  
 Nov. 13 - 14 -- JIDX Phone T (ph)  
 Nov. 13 - 14 -- OK/OM DX Contest (CW)  
 Nov. 13 - 14 -- SKCC Weekend Sprintathon (CW)  
 Nov. 13 - 15 -- CQ-WE Contest (CW, ph, dig)  
 Nov. 13-22 -- AWA Bruce Kelley 1929 QSO P (CW)  
 Nov. 14 -- FIRAC HF Contest (ph)  
 Nov. 14 - 17 -- Classic Exchange (ph)  
 Nov. 15 -- 4 States QRP 2nd Sundry Sprnt (CW, ph)  
 Nov. 18 - 19 -- Walk 4 Bacon QRP T (CW, 13 WPM max)

Nov. 18 -- NAQCC CW Sprint

**Nov. 20-22--[ARRL November Sweepstakes \(ssb\)](#)**

**Dec 4 -5 -- [ARRL 10 Meter T \(ssb, Cw, dig\)](#)**

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.

### Amateur Radio in the News

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL [in the news](#).

- [Alike, but Not Alike: Broadcast vs. Ham Radio / Radio World](#) (Washington, DC) November 7, 2021
- [Redding Home Resident Looking for a Few Good Vets to Ham It Up on Amateur Radio / Calvet Connect](#) (California) October 11, 2021

[Share](#) amateur radio media hits you spot with us

### **ARRL Section, State and Division Conventions / Hamfest**

in the West or near members everywhere:

December 10 - 11 -- [ARRL West Central Florida Section Convention](#) (Tampa Bay Hamfest), Plant City, Florida

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

### In Brief...

**The Intrepid-DX Group has extended the submission deadline for this year's Youth "Dream Rig" Essay Contest to November 15, 2021.**



The winner of the 2021 contest will be announced on December 1. Those who submitted an essay last year are invited to submit again. The prize is an Icom IC-7300 transceiver. Entry rules: (1) Write and submit a two-page essay that answers the question, "How can amateur radio evolve to remain relevant in the age of the internet?" (2) Be a US amateur radio licensee aged 19 or younger. (3) Promise to keep the radio for 1 year and to use it on the air. (4) [Send](#) your essay in text or MS Word attachment by November 15, 2021 (no Google documents, please) (5) Alternatively mail it to The Intrepid-DX Group, 3052 Wetmore Dr, San Jose, CA 95148, USA, postmarked by November 15, 2021. All submissions become the property of the Intrepid-DX Group and may be published. [Contact](#) Paul Ewing, N6PSE, and visit The Intrepid-DX Group [Facebook page](#) for more information.

### WORD TO THE WISE - W/VE Stations

Often when reading rules for a specific contest, you'll see language like "W/VE Stations work DX stations; DX stations work everyone." I've been asked on several occasions, "What's a W/VE station?" W/VE stations are those stations located in the United States and Canada, while DX stations are the rest of the world. Be careful though, in some contests Alaska, Hawaii and the US territories are considered DX (such as ARRL International DX contest), and others they are considered W/VE (such as ARRL Sweepstakes).

### Announcements

- W8S DXpedition to Swains Island; sponsors have postponed the previously announced DXpedition.. Organizers say COVID-19 restrictions and a limited number of flights in the first quarter of 2022



have made travel extremely difficult. Also, two W8S team members are on the 3Y0J Bouvet Island DXpedition team set for November/ December 2022. "Our project has certainly not been canceled but postponed to the spring of 2023.

- 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. 
- On September 6, Paul Ewing, N6PSE, [announced](#) that Nigel Jolly, K6NRJ, has sold the SV *Braveheart* to a new owner who will make her available for amateur radio DXpeditions. The *Braveheart's* new home port will be Ushuaia, Argentina, the "gateway to Antarctica." The vessel is now in New Zealand.
- Stew Perry** - The dates have been posted for the four Stew Perry [Top Band Distance Challenge](#) events on 160 meters. This year's main Stew in December will occur 1 week earlier than usual -- on December 18 -- to avoid a conflict with Christmas. The schedule for this year is: March 13, June 19, Oct. 23, and **Dec. 18**.
- Steve Johnston, WD8DAS**, has purchased [AF4K Crystals](#) and plans to reopen it soon. AF4K Crystals was a source for vintage and modern radio crystals for nearly 2 decades. The company will fill a gap for those seeking to buy quartz crystals for projects

[Old Town Music Hall](#), on Richmond, in E.S.

Coming attractions: [Cary Grant Film Festival](#):

Saturday, November 13:

2:30 PM - **Bring up Baby** w/ Kathrine Hepburn  
7:00 PM – **Arsenic and old Lace** w/ Cary Grant

Sunday, November 14:

2:30 PM – **Mr. Blandings Builds His Dream House**  
w/Cary Grant & Myrna Loy  
7:00 PM – **The Philadelphia Story** - Grant, Hepburn  
And Jimmy Stewart

November 20, 21

Saturday @ 2:30 PM & 7:00 PM & Sunday @ 7:00 PM  
**The Maltese Falcon** w/ H. Bogart & Mary Astor

Sunday @ 2:30 PM– **Vaudeville on Film** –  
Featuring Janet Klein & Her Parlor Boys

**Select DX News** (QRV = Ready! or Are you Ready?)**ARLD044 DX news**

This week's bulletin was made possible with information provided by LU4AAO, The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. And **ARLD45 DX news** information provided by F8DVD, IK2DUW, KD7WPJ and most others above. Thanks to all.

ZANZIBAR, 5H. Vlad, OK2WX is QRV as 5H3WX from Michamvi Kae, IOTA AF-032, **until December 3**. Activity is on 80 to 10 meters using CW and SSB. QSL via HA3JB.

NEPAL, 9N. Robert, S53R is QRV as 9N7AA from Kathmandu. His activity is limited at this time. [**Listed Nov. 2021-ed**] QSL to S57DX.

OMAN, A6. Special event callsign A600MA is QRV **until November 18** to celebrate Oman's National Day. QSL via EA7FTR.

MOZAMBIQUE, C9. Elvira, C92R will be QRV **from November 13 to 30**. QSL via IK2DUW.

THE GAMBIA, C5. Members of the C5C team are QRV from Kololi **until November, 19**. Activity is on 80 to 10 meters, depending on propagation, using CW, SSB, FT8 and FT4, and on Satellite QO-100. QSL direct to F5RAV.

FRANCE, F. Francois, F8DVD will be QRV with spcl evnt station TM60ANT from **Nov. 16 to 30** to commemorate the 60th anniversary of the Antarctic Treaty. Activity will be on 40 to 10m. QSL #1.

SAUDI ARABIA, HZ. Members of the Saudi Arabia Radio Society are QRV with special event station HZ1OMAN **until Nov. 18** in celebration of Oman National Day. QSL via HZ1SAR.

BELGIUM, ON. Special event station OR95B is QRV **until the end of 2021** in celebration of the 95th anniversary of the Belgian National Railway Company. QSL via OR4K.

NETHERLANDS, PA. Hans, PA7HPH is QRV with special event callsign PC19VACCIN **until December 31** in support of current health campaigns. QSL #1

SINT MAARTEN, PJ7. Oleh, KD7WPJ will be QRV as PJ7/UR5BCP **from November 18 to 24**. Activity will be on 40 to 6 meters using CW,

SSB and FT8. QSL #1

MALI, TZ. Ulmar, DK1CE will be QRV as TZ1CE from Bamako **from Nov. 18 to Dec. 8, 2021**. He plans to be active on 160 to 10 meters using CW, SSB and FT8. QSL #1

ST. KITTS AND NEVIS, V4. John, W5JON is QRV as V47JA from Calypso Bay, IOTA NA-104, **until November 22**. Activity is on 160 to 6 meters using SSB and FT8. QSL #1

NAMIBIA, V5. Gunter, DK2WH is QRV as V51WH **until March 2022**. Activity is on the HF bands. During contests, he will be active as V55Y. QSL #1

NORFOLK ISLAND, VK9N. Nick, VK2DX is QRV as VK9DX and has been active on 40 and 15 meters using CW. [**Listed Nov. 2021-ed**] QSL#1

THE GAMBIA, C5. Members of the C5C team are QRV from Kololi **until Nov. 19**. Activity is on 80 to 10 meters, depending on propagation, using CW, SSB, FT8 and FT4, and on Satellite QO-100. QSL direct to F5RAV.

MADEIRA ISLAND, CT3. Rosel, DL3KWR and Hardy, DL3KWF are QRV as CT9/home calls from Canico de Baixo, IOTA AF-014, until November 24. Activity is on the HF bands, and possibly 60M, using CW and FT8. QSL#1

THAILAND, HS. Lars, SM6NT will be QRV as HS0ZME from Hua Hin **from November 9 to April 5, 2022**. Activity will be on 40 to 10 meters using only CW. QSL #1

JAPAN, JA. Tashi, JR2TER is QRV as JR2TER/p from Yonaguni Island, IOTA AS-024, until **March 2022** on the HF bands using FT8. QSL via LoTW.

BELGIUM, ON. Special event station OT5IDPD is QRV **until December 3** to commemorate International Day of Persons with Disabilities that takes place on December 3. Activity is on the HF bands. QSL via ON6WL.

BRAZIL, PY. Special event station PV60CRASC is QRV **until November 30** to celebrate 60 years of the Clube dos Radioamadores de Sao Carlos. QSL direct to PT2OP.

NAMIBIA, V5. Gunter, DK2WH is QRV as V51WH **until March 2022**. Activity is on the HF

bands. During contests, he will be active as V55Y. QSL #1.

NORFOLK ISLAND, VK9N. Nick, VK2DX is QRV as VK9DX and is active on 15 meters using CW around 1800z. [**Listed Nov. 2021-ed**] QSL #1

INDIA, VU. Abie, AB1F will be QRV as VU2ABE from Shillong in the Meghalaya State **from November 6 to December 18**. Activity will be on 40, 20, 15, and 10 meters. This includes participating in various upcoming contests. QSL#1

ANGOLA, D2. Vasco, CS7ACE is active as D2ACE from Luanda, 1st time since 2016. He is on 18,145 kHz from 1500 to 1600Z. [**listed Oct. 2021 – ed**] QSL direct or via bureau to CT2IXQ.

UNITED STATES, W. Rich, WA5LFD, is active as WA5LFD/p from North Padre Island, NA-092, **until November 30**. Activity is on 80 to 10M, and possibly on 6 and 2M, using CW, SSB, and RTTY. QSL via LoTW or WA5LFD direct.

RWANDA, 9X. Members of the Holy Land DX Group (HDXG) will sign 9X4X **from November 24 to December 1**. Operators include Mark, 4Z4KX, Hilik, 4X6YA, Ruben, 4Z5FI, Ruslan, 4Z5LA, Hanan, 4Z1DZ, Slava, 4Z5MU and Jan, 4X1VF. They will run three stations on 160 to 10 M using CW, SSB, RTTY and FT8, and maybe satellites. They will also participate in the CQWW DX CW Contest. QSL via Ruben, 4Z5FI.

SERBIA, YU. Members of the Amateur Radio Club Novi Sad celebrate their city's status as EU Capital of Culture 2022 - call sign YU2022NS **until December 30**. QSL via YU7BPQ.

RWANDA, 9X. Members of the Holy Land DX Group (HDXG) will sign 9X4X **between November 24 and December 1**. They will run 3 stations on 160 to 10M using CW, SSB, RTTY & FT8 and some satellite operation as well. They will also participate in the CQWW DX CW Contest. QSL via Ruben, 4Z5FI (direct or by the Bureau) or ClubLog's OQRS.

THE GAMBIA, C5. Alan, G3XAQ will be active as C56XA from **Nov. 24 to Dec. 2**. Activity will be on 40 to 10 meters using only CW. He will be active during the CQWW DX CW Contest as a Single-Op/Single-Band (20m)/ Low-Power entry. QSL via G3SWH's OQRS, direct or LoTW,

No bureau cards. The log will be uploaded to LoTW & ClubLog once Alan returns home.

UK SOVEREIGN BASE AREAS ON CYPRUS, ZC4. Garry, 2M1DHG is QRV as ZC4GR **until December 31**. Activity is on the HF bands using SSB and various digital modes. QSL via EB7DX.

GUINEA, 3X. Jean-Philippe, F1TMY, expects to be QRV as 3X2021 from Conakry beginning in **mid-September, 2021 and here until end 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.

SEYCHELLES, S7. Fred, DH5FS is QRV as S79/DH5FS from La Digue and Praslin Islands, IOTA AF-024. Activity is in his spare time on the HF bands using CW and FT8. [**listed Sept. '21 – till end 2021 - ed**] QSL #1

THE GAMBIA, C5. Operators Luc, F5RAV, Gerard, F5NVF & Abdel, M0NPT will be active as C5C from **October 24 to November 19**.

Activity will be on the HF bands using CW, SSB, digital & the QO-100 satellite. QSL via F5RAV.

PANAMA, HP. Special event stations 3F200AT and 3F200NG are QRV **until November 30** to celebrate Panama's Bicentennial anniversary of Independence. QSL via LoTW.

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

BELGIUM, ON. Special event stations ON75AF, ON75BAF and ON75BFS are QRV **until the end of 2021** to draw attention to the 75th anniversary of the Belgian Air Force. QSL #2

ARGENTINA, LU. Spcl Evnt Stn L21RCA is QRV **Dec. 31, 2021** to celebrate the 100th anniversary of the Radio Club Argentina. QSL via LU4AA.

DODECANESE, SV5. Mort, G2JL is QRV as SV5/G2JL from Lipsi Island **for the next three months [until Nov. 30-ed]** Activity will be on all bands and modes, Propagation permitting. Operations have been on 20M CW. QSL via G2JL, direct or via the Bureau.

TAIWAN, BX30. Ken, JP1RIW will be active as BX30ARL from New Taipei City **until Dec 31, 2021** to celebrate the 30th anniversary of the Chinese Taipei Amateur Radio League. Activity



will be on 40 to 6 meters. Ken operates mainly on the digital modes on weekends. QSL via BM2JCC.

SERBIA, YT. Members of the Serbian CW Club are QRV with special event station YT165TESLA during **all of 2021** to commemorate the 165<sup>th</sup> anniversary of Nikola Tesla's birth. QSL via YU1MM.

FINLAND, OH. Members of the Finnish Amateur Radio League are QRV during **all of 2021** with special event call OH100SRAL to celebrate their 100th anniversary. QSL#3

VENEZUELA, YV. Special event station YW200BC is QRV **during 2021** to commemorate the Battle of Carabobo 200 years ago, which paved the way for Venezuela's independence. Activity is on 80 to 10 meters using CW, SSB and various digital modes. QSL via YV4KW.

AUSTRALIA, VK. Special event station VI50SG is QRV **until December 31, '21** to commemorate the 50 years of the St. George ARS. QSL #3.

ASCENSION ISLAND, ZD8. Tev, TA1HZ is QRV as ZD8HZ during **all of 2021**. He plans to be active in the CQ World Wide WPX SSB contest as well. #1

PERU, OA. Members of the Asociacion de Radioaficionados del Peru are QRV with special calls OC4B, OC6B, and OC7B **until December 31, 2021** to celebrate the bicentennial of Peruvian independence. Activity is on 40, 20, 17 and 15 meters using SSB and FT8. QSL via LoTW.

FEDERAL REPUBLIC OF GERMANY, DA. Special call sign DL65ESSEN is QRV **until Dec. 31, '21** to celebrate the 65th anniversary of the DARC's Ortsver-band Essen. QSL #3

BELGIUM, ON. Members of the radio club Noord Oost Limburg are QRV with special call sign OR40NOL **until the end of 2021** to celebrate the club's 40th anniversary. QSL via ON6NL.

### Until 2022

REPUBLIC OF KOREA, HL. Kang, DS4DRE is QRV as DS4DRE/4 from Komun Island, IOTA AS-060, until **Jan. 31, 2022**, on 80 - 10M using CW & ssb. QSL #1

POLAND, SP. Special event stations SN0ZOSP & SN100ZOSP are QRV until **Feb. 5, 2022** to celebrate the 100th anniversary of the Association of Voluntary

Fire Brigades of the Republic of Poland. QSL SN0ZOSP via SP9ODM & SN100ZOSP via SP9SPJ.

JAPAN, JA. Special event station 8N1MORSE is QRV **until Feb. 28, 2022**, the 230th anniversary of the birth of Samuel F. B. Morse and the 120th anniversary of Guglielmo Marconi's successful transatlantic radio communication by Morse Code. QSL #3

ZAMBIA, 9J. Bodo, HB9EWU plans to be QRV as 9J2BG while spending one year on a humanitarian mission at the St. Paul's Mission General Hospital in Kashikishi. Activity will be on 20M. **[until Feb 2022 – ed]** QST#1

COLOMBIA, HK. Lothar, DK8LRF be QRV as HK3JCL **until end of May 2022**. Activity will be mainly on 20 meter SSB. QSL #9, #3

NICARAGUA, YN. Trevis, YN7ZTR is a missionary working in Gaunacastillo for the next two years. He is active in his spare time. **[Until 2022-June-ed]** QSL via LoTW.

JAPAN, JA. Members of the radio club in the city of Tama are QRV as 8N1TAMA until the **end of June 2022** to mark their city's 50th Anniversary. Activity is on 160m to 70 cm using CW, SSB & FM. QSL #3

UK SOVEREIGN BASE AREAS ON CYPRUS, ZC4. Garry, 2M1DHG is QRV as ZC4GR **for the next few years. [listed Jan. 2021 - ed]** Activity is mainly on 40 to 10m using SSB, FT8, and possibly SSTV, PSK31 & WSPR in his spare time. QSL via EB7DX.

GEORGIA, 4L. Peter, G4ENL plans to be QRV as 4L1PJ from Svaneti while on work assignment. He expects to be here for the **next few years. [listed Jan. 2021-ed]** Activity is on various HF bands using SSB. QSL via N4GNR.

### 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 LoTW
5. QSL via Instruction on QRZ.com
6. QSL via eQSL
7. QSL via QRZ.com
8. QSL via ClubLog
9. QSL via Home Call Sign

**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](http://www.W6TRW.com)) [inactive - Covid-19-ed]

**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](mailto:AI6DF@arrl.org) or 310-544-2917

**Asst. Section Manager:** Mark Chung, KK6SMD

[mchung@prodigy.net](mailto:mchung@prodigy.net)

**LAX Section Traffic Mngr:** Kate Hutton, K6HTN

For Radiogram formatting instructions go to

[www.ARRLLAX.org](http://www.ARRLLAX.org) .

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

[http://hintlink.com/power\\_density.htm](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) -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 – Brian, AB6UI (President)

**How To:** Wires-X can be found at [K7REA.com](http://K7REA.com)

**Southern California Band Plans:**

**Tasma** – 2 Meters

<http://www.tasma.org/TASMA-2m-Band-Plan.pdf>

**220SMA Band Plan** – 1 ¼ Meters

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

**SCRRBA (Southern California Repeater and Remote Base Assoc.)** – 440 mHz (70 cm) and up

<http://www.scrba.org/BandPlans/BandPlans.htm>

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

Morning Schedule:

Winter	Summer	Local	Mode	Days
1400 UTC	1300 UTC	(6 AM PDT)	CWs	Wed, Fri
1400 "	1300 UTC	(6 AM PDT)	CWf	Tue, Thu

Afternoon/Evening Schedule:

2100 UTC	2000 UTC	(1 PM PDT)	CWf	Mon, Wed, Fri
2100 "	2000 "	"	CWs	Tue, Thu
2200 "	2100 "	(2 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM
2300 "	2200 "	(3 PM PDT)	DIGITAL	Daily, Digital Bulletin
0000 "	2300 "	(4 PM PDT)	CWs	Mon, Wed, Fri
0000 "	2300 "	"	CWf	Tue, Thu
0100 "	0000 "	(5 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM
0200 "	0100 "	(6 PM PDT)	DIGITAL	Daily, Digital Bulletin
0245 "	0145 "	(6:45 PM PDT)	VOICE	Daily, Voice Bulletin
0300 "	0200 "	(7 PM PDT)	CWf	Mon, Wed, Fri
0300 "	0200 "	"	CWs	Tue, Thu
0400 "	0300 "	(8 PM PDT)	CWb	Daily, CW Bulletin, 18 WPM



Frequencies (MHz)

CW:	1.8025	3.5815	7.0475	14.0475	18.0975	21.0675	28.0675	50.350	147.555
DIGITAL:	-	3.5975	7.095	14.095	18.1025	21.095	28.095	50.350	147.555
VOICE:	1.855	3.990	7.290	14.290	18.160	21.390	28.590	50.350	147.555

Notes:

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

CW frequencies include code practices, Qualifying Runs and CW bulletins.  
 DIGITAL = BAUDOT (45.45 baud) BPSK31 and MFSK16 in a revolving Schedule.  
 Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and alternate speeds.

**W1AW Qualifying Runs:** [for more info: [www.arrl.org/qualifying-run-schedule](http://www.arrl.org/qualifying-run-schedule) ]

Starting 2020. W1AW will transmit Qualifying Runs up to 16 times per month.  
 Time is PST: [10 – 35 wpm – **Bold 35, 40 – 10 wpm**] – on CW Frequencies listed above.

Month	6 AM	1 PM	4 PM	7 PM	6 AM	1 PM	4 PM	7 PM	6 AM	1 PM	4 PM	7 PM	6 AM
Nov.	11/16		11/18	<b>11/17</b>		11/19		11/22	<b>11/24</b>	Thanksgiving - No Code			
Dec.		12/6	<b>12/7</b>	12/9	12/10	12/14	12/15		<b>12/16</b>				12/17
Dec.	12/21	12/20		<b>12/22</b>	Christmas Eve				12/27				12/29 New Years Eve

**West Coast Qualifying Runs:**

Wed. Nov 17 @ 9 PM PST (0500 UTC Nov. 18) by K9JM on 3590 & 7047.5 kHz; 10 – 35 WPM  
 Sat. Dec. 18 @ 2 PM PST (2200 UTC) by K6KPH on 3581.5, 7047.5, 14047.5, 18097.5 & 21067.5 kHz; 10 – 40 WPM

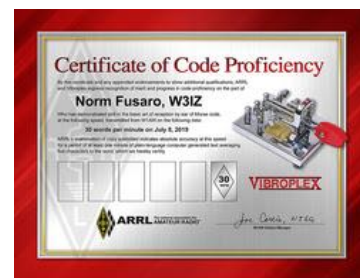
Earn your Code Proficiency certificate by legibly copying at least 1 minute of text by hand and mailing the sheet to: W1AW Qualifying Runs, 225 Main St., Newington, CT 06111. Include \$10 (check or money order) if this is a submission for your initial Code Proficiency certificate; \$7.50 if you are applying for an endorsement (available for speeds up to 40 wpm). Your test will be checked against the actual transmissions to determine if you have qualified.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The monthly W1AW Qualifying Runs are presented here, also. The audio (real-time) runs concurrently with W1AW's regular transmission schedule.

**K1USN Radio Club Announces Weekly Slow-Speed CW Contest**

The K1USN Radio Club in Massachusetts is launching a new weekly, hour-long, slow-speed contest, the [K1USN SST](#). **Fridays 1:00-2:00 pm PDT** (2000z -2100z) and **Sundays, 5 to 6 PM PST** (Monday 0000-0100 UTC) Suggested frequencies: 3.532 - 3.539; 7.032 - 7.039 MHz, & 14.032 - 14.039 MHz. Exchange name & s/p/c. Read [more](#).

**The Straight Key Century Club (SKCC):** [http://www.skccgroup.com/member\\_services/beginners\\_corner/](http://www.skccgroup.com/member_services/beginners_corner/)  
 SKCC Beginner's Corner - Monthly Straight Key Night (SKN) is on the 1st of each month. It is not a contest. No logs are submitted. The Elmer frequency is **7114 KHz**. It's a safe haven for CW newcomers. Elmers are encouraged to monitor the frequency and work the CW beginners, some of whom may have had a license for many years.



**2021 – 2022 CLUB OFFICERS****Elected Officers:**

<b>PRESIDENT:</b>	Brian, AB6UI	President at W6HA.com
<b>VICE PRESIDENT:</b>	Howard, KE6MAK	W6HA_VicePresident at W6HA.com
<b>SECRETARY:</b>	James, W6JIC	W6HA at W6HA.com
<b>TREASURER:</b>	Paul, KK6TAC	Treasurer at W6HA.com
<b>STATION MANAGER:</b>	Mike, N6MHD	W6HAStationMgr at W6HA.com
<b>Immediate PAST PRES.:</b>	Mike, N6MDV	W6HA at W6HA.com
<b><u>Committees:</u></b>		
<b>NEWSLETTER EDITOR:</b>	Dale, WB6MMQ	W6HA_Editor at W6HA.com
<b>QUARTERMASTER:</b>	Mike, N6MHD	W6HAStationMgr at W6HA.com
<b>WEB MASTER:</b>	Richard, KM6FP	W6HA at W6HA.com
<b>MEMBERSHIP:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>SCRRBA REP:</b>	Ray, WA6NVL	WA6NVL at ARRL.net
<b>MEETING HOST:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>FoTL Conf. Rm. Coor:</b>	Judi, KI6TKT	
<b>FIELD DAY :</b>	Individual Ops	FieldDay at W6HA.com
<b>MEMBERSHIP:</b>	Dale, WB6MMQ	WB6MMQ at ARRL.net
<b>NET COORDINATOR:</b>	Howard, KE6MAK	W6HA at W6HA.com
<b>YAHOO GROUPS MOD:</b>	Richard KM6FP	W6HA at W6HA.com ( <a href="http://groups.yahoo.com/w6ha">http://groups.yahoo.com/w6ha</a> )
<b>CLASS MODERATOR:</b>		

**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 (0230 UTC Thursdays)**

**Thursdays, 12:05PM (1905 UTC) RTN ECT – All are welcome**

**South Bay ARC Net: Thursdays at 7:30 PM on W6SBA/R, 224.38, PL 192.8**

**LAFD CERT Net: 1<sup>st</sup> Tuesday of the month, 7:00 PM**

**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 antenna. 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 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 please email it to Dale, WB6MMQ W6HA\_Editor (at) W6HA.com. If anyone needs a club application, please contact 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:** <http://www.W6HA.com> or [W6HA.com](http://W6HA.com)

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The Hughes Amateur Radio Club is 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.

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