



The Transponder



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

November 13, 2020 Repeater 445.620 – PL 127.3 Web Site: <http://W6HA.com> Vol. XLVII, No. 11

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

Where: The club Repeater, also on EchoLink (N6MDV-R) and Zoom (e-mail for PW)
Location: Repeater location – “High Above LAX”

Meeting Notice: Date: Tuesday, November 17, 2020, meeting 12 to 1 PM
Time: Zoom attendees may gather as early as 11:30
Roll Call (Sign-In), 11:45

Featured Presentation:

TBD – Possible pitch on the IC705

Far Out Contest Concludes this Month – Winner announced

Up Coming Events:

November 21 – Technician License Exam – Entradero Park

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Lunch: You are on your own, but my recommendation: Order some pizza, delivery, 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 members net, (then Simplex @ 146.55)

Thursdays about Noon (12:05 PM) Raytheon & other Emergency Communication Teams (ECT)

Other nets: Thursdays at 7:30 PM So Bay ARC Net

First Tuesday of the month (7:00 PM) – LAFD CERT

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

Club News:

Presidents Corner - Tue, Oct 13, 2:22 PM

Students to Chat with Astronaut in Space, Despite Covid19

Even Covid19 can't stop kids who are inspired to learn. In a remote California town, students will soon be talking by amateur radio with astronaut Chris Cassidy on the International Space Station (ISS), as it flies overhead at more than 17,000 miles per hour. The event was delayed because of the Stay At Home order and other California Covid19 restrictions, which almost caused the event to be cancelled.

The students studying STEM (Science, Technology, Engineering, and Math) at Ramona Lutheran School have been getting ready for months. In addition to robotics and programming, the students studied the NASA space program, the astronauts, and the experiments on board. Then they came up with their own specific questions to ask the astronauts. They have also been learning about Amateur Radio, and have been practicing talking on the amateur radio at the school. The students did not want to let Covid19 cause their big chance to slip by.

Soon the Ramona students will finally have their chance. If things go as planned, their contact with the space station will take place on October 14. Students will be wearing masks and using full Covid19 social distancing protocols. The event will be streamed live on YouTube.

AB6UI, Brian

Contests:

Far Out Contest – HARC Club Contest

In progress, ending Oct. 20, 2020

Object: To bring up the Repeater, using RF from your radio, from the farthest away.

Detailed rules are attached, or contact, Howard, KE6MAK

CQ World-Wide DX Contest

SSB: October 24-25 CW: **November 28-29**

The CQ WW is the largest Amateur Radio competition in the world. Over 35,000 participants take to the airwaves on the last weekend of October (SSB) <https://www.cqww.com/>

OBJECTIVE: For amateurs around the world to contact as many other amateurs in as many CQ zones and countries as possible.

This is one of the old standards.

HARC Net News:

Hello Everybody!

As our daylight hours get shorter and our days seem shorter; it says much about you that our participation level has not waned and we still see some new folks joining us on several nights! Thanks to our club's training efforts, and a class of eager and prepared students, we are likely to see new members joining us as the holidays approach and are upon us. Their participation here and the class of operators they experience here makes them more likely they are to stay with us and strengthen the club as a whole. Let us all look forward to them showing up in the next 3-4 weeks or so as the first licensing class will be on the 21st of November.

Our next net is this Wednesday 18 November, 2020 at 7:30 pm local time on the HARC repeater, and followed by the 2 meter simplex net on 146.550 MHz.

Now, let's look at the Logbook from this past week.

RPTR	SMPX	Operator	Name
X	X	N6MDV	MIKE
X	X	AB6UI	BRIAN
X		KV6R	TIM
X	X	KK6MFL	ALICE
X	X	K6PNJ	PHIL
X		KM6RWQ	KEVIN
X	X	N6MHD	MIKE
X		WA6SET	TOM
X		WN6MEC	MATTHEW
X		N6JZT	HAL
X	X	K6LDQ	JON
X		KJ6CBE	LARS
X	X	N6IET	RICK
X	X	KM6HVK	BILL
X	X	KE6MAK	HOWARD
15	9		

73, Howard KE6MAK

When one door closes and another door opens, you are probably in prison.

ARRL Letter – Excerpts of possible interest

Preparations Continue for World Radiocommunication Conference 2023

As preparations for World Radiocommunication Conference 2023 (WRC-23) go forward, the International Amateur Radio Union ([IARU](#)) continues its efforts to protect amateur and amateur-satellite allocations. The international conferences, sponsored by the International Telecommunication Union (ITU), typically take place every 4 years.



IARU participated in the first online meeting of Project Team A (PTA) of the WRC-23 [CEPT](#) Conference Preparatory Group (CPG), . . .

Agenda Item 1.12 addresses [studies](#) stemming from WRC-19 that are now under way to consider a new secondary allocation to the Earth Exploration-Satellite (active) Service (EESS active) for spaceborne radar sounders in the 40 - 50 MHz range, taking into account the protection of incumbent services (including in adjacent bands), which would include 6 meters. A handful of countries have also allocated secondary amateur bands in the vicinity of 40 MHz.

The WRC-19 Resolution (Res. 656), which ordered the studies, noted that spaceborne-active RF sensors can provide unique information on physical properties of the Earth, and that spaceborne-active remote sensing requires specific frequency ranges depending on the physical phenomena to be observed. Spaceborne radars are intended to operate only in uninhabited or sparsely populated areas with particular focus on deserts and polar ice fields, between the hours of 3 AM and 6 AM local time.

Agenda Item 1.14 addresses the Earth Exploration-Satellite (passive) Service (EESS passive) in the range 231.5 – 250 GHz. The amateur services have a primary allocation at 248 - 250 GHz, and a secondary allocation at 241 - 248 GHz.

Agenda Item 9.1 will consider and approve the *Report of the Director* of the ITU Radiocommunication Bureau on its activities since WRC-19. This includes a review of the Amateur Service and the

Amateur Satellite Service allocations in the frequency band 1.240 - 1.300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service (RNSS) band.

The 1.240 - 1.300 MHz band is allocated worldwide to the Amateur Service on a secondary basis, and the Amateur Satellite Service (Earth-to-space) may operate in the band 1.260 - 1.270 MHz. The primary concern is the potential for interference to the Galileo Global Navigation Satellite System (GPS) in ITU Region 1 (Europe, the Middle East, and Africa). [Read more.](#)

1981 – France officially stops using the guillotine, as the death penalty is abolished there.

K1USN Radio Club Announces New Weekly Slow-Speed CW Contest

The K1USN Radio Club in Massachusetts is launching a new weekly, hour-long, slow-speed contest, the [K1USN SST](#). The inaugural session will be on Monday, September 14, from 0000 - 0100 UTC (Sunday, September 13, in North American time zones). K1USN trustee Pi Pugh, K1RV, said the decision to embark on sponsorship of a new operating event involved surveying some 2,000 radio amateurs to gauge their enthusiasm for such an event. Pugh said the club worked with a group of [CWops](#) members within the club, with the blessing of the CWops CW Academy Advisor Group. CWops is not involved in sponsoring the K1USN SST.



The 800 who responded indicated an overwhelming need for some sort of slow-speed activity as a follow-up to CW Academy, Pugh told ARRL. "It was a lot of work, but we hope this will prove to be a valuable tool within the CW community," Pugh said.

Although predicated on the desires of the CW Academy community, Pugh stressed that the

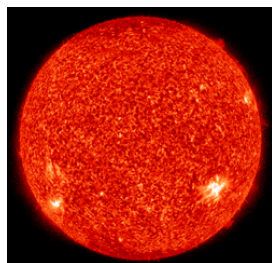
weekly activity will be open to all looking to improve their CW skills. It can also provide a more comfortable entry point for those just getting started in CW contesting.

"The weekly 20 WPM or slower SSTs can build confidence to find open frequencies and begin calling CQ," Pugh suggested. Participants are advised to be patient, supportive, and willing to slow down as necessary.

Suggested frequencies are 3.532 - 3.539 on 80 meters; 7.032 - 7.039 MHz on 40 meters, and 14.032 - 14.039 MHz on 20 meters. Stations exchange name and s/p/c. Read [more](#).

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The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: The last time we experienced a day with no sunspots was October 13. Prior to that, we had no sunspots on September 26 - October 8, September 24, and August 21 - September 22. Cycle 25 is clearly under way and going strong.



Average daily sunspot number over the November 5 - 11 reporting

week was 31.3, up from 21.3 over the previous 7 days. Average daily solar flux increased from 81.6 to 90.

Geomagnetic indicators were very quiet, with average daily planetary A index dropping from 6.3 to 4.4, and middle latitude A index (based on readings from a single magnetometer on Wallops Island, Virginia) from 4.9 to 2.7.

Predicted solar flux for the next 45 days is 88 on November 12 - 14; 86 on November 15; 84 on November 16 - 19; 78 on November 20 - 25; 80 and 82 on November 26 - 27; 86 on November 28 - December 5; 90, 88, 86, and 84 on December 6 - 9; 82 on December 10 - 11; 80 on December 12; 78 on December 13 - 22; 80 and 82 on December 23 - 24, and 86 on December 25 - 26.

Predicted planetary A index is 5 on November 12 - 19; 15, 12, and 15 on November 20 - 22; 8, 10, and

12 on November 23 - 25; 5 on November 26 - December 2; 8 on December 3 - 4; 5 on December 5 - 8; 8 and 10 on December 9 - 10; 5 on December 11 - 13; 10, 5, and 10 on December 14 - 16; 15, 12, and 15 on December 17 - 19; 8, 10, and 12 on December 20 - 22, and 5, 5, 8, and 5 on December 23 - 26.

An [article](#) in EarthSky discusses the recent increase in solar activity.

Sunspot numbers for November 5 - 11 were 28, 35, 37, 40, 27, 27, and 25, with a mean of 31.3. The 10.7-centimeter flux was 90.7, 93.8, 90.6, 90, 90, 86.8, and 88.1, with a mean of 90. Estimated planetary A indices were 4, 8, 7, 5, 1, 2, and 4, with a mean of 4.4. Middle latitude A index was 3, 7, 4, 3, 0, 0, and 2, with a mean of 2.7.

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](#) K9LA's Propagation Page.

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

Nov. 14 - 15 -- Worked All Europe (WAE) DX Contest, RTTY

Nov. 14-15 - 10-10 International Fall Contest (Dig)

Nov. 14 - 15 - JIDX Phone Contest

Nov. 14 - 15 - SARL V/U Analog Contest (CW, ph)

Nov. 14 - 15 -- OK/OM DX Contest, CW

Nov. 14 - 16 -- PODXS 070 Club Triple Play Low Band Sprint (Digital)

Nov. 14 - 16 -- CQ-WE Contest (CW, phone)

Nov. 15 -- Homebrew and Oldtime Equipment Party (CW)

Nov. 15-16-Run for the Bacon QRP Contest (CW)

Nov. 16 -- K1USN Slow Speed Test (CW- max 20 WPM)

Nov. 16 -- RSGB FT4 Contest Series

Nov. 17 -- Worldwide Sideband Activity Contest

Nov. 19 -- NAQCC CW Sprint

Nov. 21 - 23 -- ARRL Nov. Sweepstakes (Ph)

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.

For Sale: by former Club President Chuck, KN6H, Tower and Antennas – For Free
Tristao 60' 3-section guyed crank up tower
KT-34A 4-section triband beam, 10/15/20 meters
CDE Ham III Rotor

TRK80 Tower Raising Fixture
Telex HyGain V-2 2-meter vertical

All construction was covered by Torrance City Permit. Everything in very good physical and electrical shape.

I also have a ham who will take it down, deliver to a new location, and set it up. It is available free if the new owner will arrange all the work with this fellow.

Contact Chuck KN6H (310) 325-3184 home
(310) 528-7163 Cell
CLobb2@aol.com

ARRL Section, State and Division Conventions / Hamfest

in the West or near members everywhere:

Note: Many conventions and hamfests have been canceled or postponed due to the coronavirus pandemic. Check the [calendar of canceled events](#) on the ARRL website.

- Nov. 21 -- [Alabama State Convention](#),
Montgomery, Alabama
- December 11 - 12 -- [Florida State Convention](#),
Plant City, Florida

Find conventions and hamfests [in your area](#).

Announcements

- **International Space Station (ISS)** - Radio amateurs and others may listen for ham radio activity from the ISS by monitoring **145.800 MHz**.

Select DX News (QRV = Ready! or Are you Ready?)
ARLD046 DX news

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.

FRENCH POLYNESIA, FO. Jay, KE6GLA is operating portable as FO/KE6GLA from Bora Bora (OC-067). **[listed Nov. '20 – Ed]** QSL#1

ST. VINCENT, J8. Oleh, UR5BCP (aka KD7WPJ) plans to operate in the CQ WW DX CW Contest for a few hours as J8/UR5BCP as a single op, low power entry. He will be on location from **Nov. 21 to 28**. QSL via KD7WPJ.

UNITED NATIONS, 4U. Special event station 4U75UN is QRV **until the end of 2020** to celebrate the United Nation's 75th anniversary. QSL via HB9BOU.

U.S. VIRGIN ISLANDS, KP2. Dan, K8RF will be QRV as NP2J in the CQ WW DX CW Contest as a single band, 160 meter entry. QSL via K8RF direct or via LoTW.

ISRAEL, 4X. Special event station 4X0RMN will be QRV from Ramon Crater on Nov. 13 & 14. QSL via 4X6ZM.

MALAWI, 7Q. Members of the Russian Robinson Club Team will be QRV as 7Q7RU near Embangweni until **November 18**. Activity will be on 160 meters to 70 centimeters using CW, SSB and FT8 in DXpedition mode, and on various satellites. QSL via R7AL.

CHINA, BY. Dale, BA4TB is QRV as B9/BA4TB from Xining city in the Qinghai province. **[Listed Nov. '20 – ed]** QSL to home call.

INDONESIA, YB. YB0ECT will be a 20 meter, single band, high power entry in the CQ WW DX CW Contest. QSL via W2FB.

PANAMA, HP. Special event station 3E1FP is QRV during **the month of November** to celebrate the 116th anniversary of Vida Republicana of Panama. Activity is on 80 to 10 meters using CW, SSB, FT8 and FT4. QSL via HP3BSM.

SINGAPORE, 9V. James, 9V1YC has been active using FT8 on 30 meters. **[Listed Nov. '20 – ed]** QSL via W5UE.

DJIBOUTI, J2. Rene, DL2JRM will be QRV as J28XX. Activity is on 80 to 10 meters using CW

and SSB. [Listed Nov. '20 – ed] QSL to home call.

MALI, TZ. Ulmar, DK1CE will be QRV as TZ1CE from Bamako **for a month**. Activity will be on 160 to 10 meters using FT8. [Listed Nov. 12, 2020 - ed] QSL to home call.

BRAZIL, PY. Sandro, PY1SAN and Marc, PY1CMT are QRV as PR1S **from November 16 to 18**. They will be using satellites QO-100, AO-07, FO-29, RS-44 on CW and SSB. They will also be on HF with a 5W rig using CW and FT8. QSL via LoTW.

SOUTH SUDAN, Z8. Sigfrido, IW9FMD is QRV as Z81S while working with the United Nations Mission here. His length of stay is unknown. Activity is in his free time. [Listed Nov. '20 – ed] QSL direct to IT9YVO.

ALBANIA, ZA. Sandro, IN3PPH is QRV as ZA/IN3PPH from Qerret. Activity of late has been on 80, 40 and 20 meters using FT8. QSL #2

GUATEMALA, TG9. Dwight, VE7BV plans to be active as TG9BBV from **November 1 to 30**. Activity will be holiday style on most bands using mostly CW with some SSB and FT8. QSL via VE7BV, direct, by the Bureau or LoTW.

FEDERAL REPUBLIC OF GERMANY, DA. Special call sign DK70DARC is active until the **end of Dec. '20** to celebrate the 70th anniversary of the Deutscher Amateur Radio Club. QSL via the bureau.

FRANCE, F. Michel, F8GGZ will be QRV with special event call sign TM50GDG from **November 9 to 22** to commemorate the 130th birthday and the death of Charles de Gaulle 50 years ago. Activity will be on 160 to 20 meters using CW and SSB. QSL via bureau.

PANAMA, HP. Special event station 3E1FP is QRV during the **month of November** to celebrate the 116th anniversary of Vida Republicana of Panama. Activity is on 80 to 10 meters using CW, SSB, FT8 and FT4. QSL via HP3BSM.

LITHUANIA, LY. Members of the Radistu Asociacija are QRV with special event call

LY111A **until Nov. 30** to commemorate the 111th anniversary of General Jonas Zemaitis, Chairman of the LLKS. Activity is on various HF bands using CW and SSB. QSL via LY5A.

BELGIUM, ON. Members of the UBA-KTK are QRV with special event call sign OP0PEACE from Kortrijk **until Nov. 30** to commemorate the 100th anniversary of the end of World War I. QSL #2

NETHERLANDS, PA. Henk, PE4T is QRV as special event station PE75T from Peize **until Dec. 31** to celebrate the 75th anniversary of the Dutch Radio Amateur Organization Veron. Activity is on the HF bands and with FT8. QSL#2

MALI, TZ. Ulmar, DK1CE will be QRV as TZ1CE from Bamako until Nov, 30th, 2020. Activity will be on 160 to 10 meters using FT8. QSL #1

CHATHAM ISLANDS, ZL7. Operators Chris, ZL2DX and Catherine, ZL2QT are QRV as ZL7DX and ZL7QT, respectively, from Waitangi, IOTA OC-038, **for the next few years (listed July 2020 – ed)**. Activity is on the HF bands and 6M EME. QSL via M0OXO.

CHATHAM ISLANDS, ZL7. Stuart, ZL3STU has moved to Canterbury on the Chatham Islands (OC-038) & uses call ZL7STU on 80 to 6M using SSB and FT8. (**Listed July 2020 – ed**) QSL for both calls via M0OXO.

DENMARK, OZ. OZ200EM is on the air until the **end of the year (2020 – ed)**, honoring the memory of Hans Christian Orsted, who discovered the principle of electromagnetism 200 years ago. QSL via OZ1ACB.

THE NETHERLANDS, PA75. Special event station PA75WSN will be active until the **end of the year [2020 – ed]** to commemorate the 75th anniversary of the liberation of The Netherlands in World War II. Activity will be on various HF and UHF bands using SSB & Dig. Modes. QSL via the Bureau or direct. See QRZ.com for details.

Long Term: (longer than 1 month)

HUNGARY, HA. Members of the Hungarian FIRAC are QRV with special event call sign HA70MAV from Budapest **until December 1**

(2020-ed) to celebrate the 70th anniversary of the Hungarian Railway. Activity is on various HF bands. QSL via LoTW or eQSL..

MEXICO, XE. Ramon, XE1KK is QRV with special call 6E6E until the **end of 2020**. Activity is on 160 to 6 meters using mostly FT8 & FT4. This includes being active on the upcoming CQ World Wide DX Phone contest. QSL via LoTW.

MEXICO, XE. Members of the Radio Club de Radio Aficionados Hidrocalidos are QRV with special event call 4A50CRH **until the end of 2020** to celebrate the club's 50th anniversary. Activity is on 160 to 6 meters using CW, SSB, FM and digital modes. This includes some Satellite activity as well. QSL via XE2AU.

ANTARCTICA. Station KC4USV located at the McMurdo Station, IOTA AN-011, has been QRV on 20 meters using SSB. [**Listed June 2020-ed**] QSL via K7MT.

Until the End of 2020

NORWAY, LN1. The Norwegian National Guard's Radio Amateur Club (LA1V) is QRV as LN1V **during all of 2020** to mark the 75th anniversary of the liberation of Norway at the end of World War II. Operations will be on 160 meters to 70 cm (including 60 and 4 meters) using CW, SSB and digital modes. QSL via LA4LN, either direct or via the Bureau, but no electronic QSLs.

NETHERLANDS, PA. Special event station PI75VERON is QRV until the **end of 2020** to celebrate the 75th anniversary of the Dutch National Club VERON. QSL via PA1AW.

FEDERAL REPUBLIC OF GERMANY, DA. Members of the DARC club of Pulheim are QRV with special event call sign DL40PUL **during 2020** to celebrate the club's 40th anniversary. QSL #3.

A year-long special event will honor Beethoven. German special event station [DL250BTHVN](#) will be active **until December 17, 2020**, to honor the 250th anniversary of the birth of famed composer Ludwig van Beethoven. The Beethoven anniversary year will take place under the auspices of Germany's Federal President Frank-Walter Steinmeier. Beethoven was born in December 1770 in Bonn, Germany, and lived there for the first 22 years of his life. QSL #1 or #3.

Until 2021

ANTARCTICA, RI1. Alexander, RX3ABI will be active as RI1ANM from the Russian Mirny Station in Queen Mary Land, (AN-016), on the coast of the Davis Sea, **until early 2021**. Activity will be on HF bands during his spare time. QSL#1

JAPAN, JA. Members of the Yoneyama HF Club (JR0YHF) will be operating special event station 8JOK in celebration of the 80th anniversary of Kashiwazaki city in Niigata Japan, until **Mar. 31, 2021**, on 1.8 MHz through 5.7 GHz.

SOUTH SUDAN, Z8. James, Z81C is QRV from Juba while working for a non-governmental organization for the **next 18 months. [until March 2021-ed]** Activity is mostly on SSB. QSL #2

NICARAGUA, YN. Trevis, YN7ZTR is a missionary working in Gaunacastillo for the next two years. He is active in his spare time. [**listed in 2020-June-ed**] QSL via LoTW.

LAOS, XW. Mike, XW2DX is QRV from Vientiane and is here for the next 5 years. [Listed August 2020-ed] Activity is on 20, 15 and 10 meters. QSL via RM0L.

Beacons:

SAUDIA ARABIA, HZ. The Saudi Amateur Radio Society's, HZ1DG is a new 6M beacon, transmitting on 50.055 MHz and using 5 watts into a vertical antenna. The grid locator is LK18gf.

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

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Lunch 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 =	<u>\$0.50</u>	
Food Total:	\$105.50	\$ 45.25
Income: Lunch:	\$108.75	\$154.00
Room Rent-To General Funds:	<u>\$00.00</u>	<u>\$154.00</u>
Starting - Kitty for Mar 17, 2019 Mtg:	\$154.00	
[Gain of \$3.25 - \$20.00 for room rent = Loss of 16.75]		

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) [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 or 310-544-2917

Asst. Section Manager: Mark Chung, KK6SMD

mchung@prodigy.net

LAX Section Traffic Mngr: Kate Hutton, K6HTN

For Radiogram formatting instructions go to

www.ARRLAX.org .

RF Safety – Power Density Web site:

http://hintlink.com/power_density.htm

Links: TRW license test

<http://w6trw.com/index.php/amateur-radio-license-testing/>

PodCast – Amateur Radio News

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

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

1981 Russ Sanford, WA6NQO, sk

1982, 83 Chuck, KN6H

1984 John Bennett, WD6BAI

1985 Scott Fraser, KN6F

1986, 87 Ed, K6GQV

1988 John, WA6LOD

1989, 90 John, KJ6AW

1992 Bruce, WB6ARE

1993 Rick, KD6DYN

1994

1995,6,7,8,9 Brian, AB6UI

2000,1,2 Bruce, W6BLS

2004,5,6 Ed, N6EG

2007 - 2014 Barry, KG6NWJ

2015, 16, 17 – Dale Birmingham, WB6MMQ

2018-19 Mike, N6MDV (Current President)

2020 – Brian, AB6UI (President Elect)

Southern California Band Plans:

Tasma – 2 Meters

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

220 MHz Spectrum Mngmnt Assoc. of So. Ca

220SMA BAND PLAN

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

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

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

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

Morning Schedule:

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

Afternoon/Evening Schedule:

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



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

Notes:

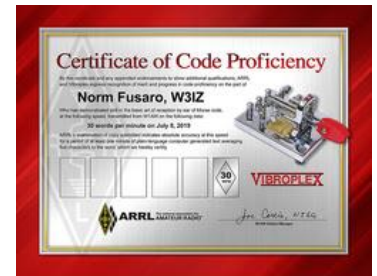
CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 & 15 WPM
 CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM
 CWb = Morse Code Bulletins = 18 WPM

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

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

Starting in Dec. W1AW will transmit Qualifying Runs up to 16 times per month.
 Time is PST: [10 – 35 wpm – **Bold 35 – 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.	11/17			11/18			11/19			11/20		11/23	11/25
Dec.		12/7	12/8	12/10	12/11	12/15	12/16		12/17	12/21		12/18	
Dec.	12/22	12/21		12/23				12/28				12/30	



West Coast Qualifying Runs:

Wed. Nov 18 @ 6 PM PST (0500 UTC Nov. 19) ON 3590 & 7047.5 kHz by K9JM, 10 TO 35 WPM
 Sat. Dec. 12 @ 2 PM PST (2200 UTC) on 3581.5, 7047.5 & 14047.5 & 18097.5 kHz by K6KPH, 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.

The Straight Key Century Club (SKCC): http://www.skccgroup.com/member_services/beginners_corner/

SKCC Beginner's Corner (Headings from the above Web site)

Monthly Straight Key Night (SKN) is on the 1st of each month. It is not a contest. No logs are submitted. The event, was inspired by the ARRL's annual SKN. The SKCC's founders wanted to have SKN monthly. The tradition continues! 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.

2020 – 2021 CLUB OFFICERS**Elected Officers:**

PRESIDENT:	Brian, AB6UI	President at W6HA.com
VICE PRESIDENT:	Howard, KE6MAK	W6HA_VicePresident at W6HA.com
SECRETARY:	James, W6JIC	W6HA at W6HA.com
TREASURER:	Paul, KK6TAC	Treasurer at W6HA.com
STATION MANAGER:	Mike, N6MHD	W6HAStationMgr at W6HA.com
Immediate PAST PRES.:	Mike, N6MDV	W6HA at W6HA.com

Committees:

NEWSLETTER EDITOR:	Dale, WB6MMQ	W6HA_Editor at W6HA.com
QUARTERMASTER:	Mike, N6MHD	W6HAStationMgr at W6HA.com
WEB MASTER:	Mike, N6MDV	W6HA at W6HA.com
MEMBERSHIP:	Dale, WB6MMQ	W6HA at W6HA.com
SCRRBA REP:	Ray, WA6NVL	WA6NVL at ARRL.net
MEETING HOST:	Dale, WB6MMQ	W6HA at W6HA
Asst. Host:		W6HA at W6HA
FoTL Conf. Rm. Coor:	Judi, KI6TKT	
FIELD DAY :	Mike, N6MDV, Brian, AB6UI	FieldDay at W6HA.com
MEMBERSHIP:	Dale, WB6MMQ	W6HA at W6HA.com
NET COORDINATOR:	Howard, KE6MAK	W6HA at W6HA.com
YAHOO GROUPS MOD:	Richard KM6FP	W6HA at W6HA.com (http://groups.yahoo.com/w6ha)
CLASS MODERATOR:	Mike, N6MDV	W6HAClass at W6HA.com

RAYTHEON Coorndator:

CLUB REPEATER: W6HA 445.620 MHz (-) PL 127.3 Hz Location: Bldg. R1 roof
 Packet (node :hughes) 145.61s W6HA

HARC Repeater Nets: Wednesdays, 7:30 PM (0200 UTC Thursdays) (Just Started Sept. 2018)
Thursdays, 12:05PM (1900 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

HAC NET: Hughes ARC - 14.233 mHz +/- QRM, 2nd, 4th, 5th Tuesdays, 2000 UTC (13:00 PDT) – Tests in , 2020

Club Shack: The club shack is in E1, Lobby D. There is a Kenwood TS-520 HF radio connected to an 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. Brian, AB6UI, Station Manager)

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 meeting or contact the club membership chairman Dale, WB6MMQ

Web Site: <HTTP://W6HA.com> or <W6HA.com>

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.
