



The Transponder



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

November 15, 2019 Repeater 445.620 – PL 127.3 Web Site: <http://W6HA.com> Vol. XLVI, No. 11

***** CLUB MEETING *****

Where: El Segundo Library - Friends of the Library Conference Room
Location: 111 Mariposa Ave (near Main Street) , El Segundo, CA 90245

Meeting Notice: Date: Tuesday, November 19, 2019;
Time: Gather, 11:30; Meeting: 12 to 1 PM

Featured Presentation: - Multiple topics this month

- Container update / planning – Mike, N6MDV
- Discussion of West Mountain radio Epic - Capabilities , by Paul, K6PEC
- HT Buyers Guide, for new Hams or those currently shopping, by Mike, N6MDV

Up Coming Events:

Saturday, December. 7th, 2019 – Ray Miller 50/50
Saturday, February 7th , 2020 – Sean O’Brien 100/50

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 Emergency Communication Team (ECT)

Other South Bay Nets: Thursdays at 7:30 PM So Bay ARC Net
1st Mondays of the month (7:00 PM) – LAFD CERT

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Lunch: Pizza: 1 Large Veggie; 1 Lrg Pepperoni; 1 Lrg Special; 1 Lrg Sausage, (\$3.50/slice)
Prices: 2 slices of Pizza w/salad, \$8.00; 1 slice of pizza w/salad \$5.00; Salad only \$4.00
Sodas: Coke, Coke Zero & Ginger Ale (\$1.00) - Water (50 cents)

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

Club News:

Storage Container Status (excepts from various e-mails)

On 11/15/2019 12:16 PM, Paul Curry wrote:

Hi Mike,

I had a very brief meeting this am that we discussed yesterday. I wanted to provide status on that meeting.

The charts helped out tremendously. He could really resonate with that. Apparently he had tried to print some Google map stuff out and had a great deal of difficulty and never fully succeeded. So, what you were able to provide was a tremendous help. Thanks again! 40 foot is ok with him. Good condition was again expressed. He indicated that these used containers only last about 5 years and then must be replaced. Roof coating was also suggested.

On or about November 14th

Paul, Thanks for helping make this happen; your contacts are extremely helpful.

Dale and I looked at the 20 foot containers this afternoon. They are NOT in as good a condition as our current 40 foot container. More rust and scratches. Given your strong guidance that the container must be in good condition, these are not likely a good choice without some rust removal and repainting. So with some effort, they could be used if needed, but the 40 foot container is in much better shape and remains the best choice.

On or about November 7th -Meeting -Container

We made good progress on organizing and emptying the container today. Thanks to all who were able to come and help. There is more to be done.

The spreadsheet summarizes where gear is stored. If no call sign is listed, it means we still need to find a location for that item.

At noon on 11/7/2019 club members met at the locker. Gear was labeled with Property stickers and contact info.

Many items were removed from the container - see these worksheets for who has what.

Much remains to be removed from the container, the key items include: Large tri-bander beam antenna, 6 folding tables, club sign, white board, ethernet cables, power cables, tents. Mike N6MHD is moving the 220 radio to lobby D.

There is still an intent to sell at the swap meet items we are not able to find storage for. We likely need to go back to the locker to ensure we gather the items to be sold.

Note we are still looking for a place to move the container, but no site has yet to be found; we do have a few candidates, but they are not firm.

On or about November 7th -Meeting - Container

Dale, We must have left just before you arrived, as we left around 1:50. We had quite a bunch of people there. Lots of gear and items were sent home with Phil, Howard, Brian, Mike Darling, and me.

We labeled the gear as property of the club and kept a log of who took what.

There are some items in the container with your call sign on them (monitors and possibly other things). You'll want to figure out if you want to take them home or have them sold at the swap meet or just tossed.

I'll transcribe the log and mail that.

Mike

Ray Miller 50/50

After a one year hiatus, due to fires, the Ray Miller 50/50 is back on again. It will be held on Saturday, December 7th, at Pt Mugu State Park. The club has the usual team back together, including two volunteers from the Santa Barbara club ARC.

The core team members will drive an RV out to Pt Mugu on Friday afternoon bringing the portable repeater and setting up the NCS so that those resources are available at 5:00 am. Net call up will be at 5:45 and the race starts at 6:00 am. Final setup of the repeater will be just prior to the race start, since access to the park is by ranger escort with the aid station personnel.

The repeater will be powered by two 100 Ahr SLAs (Sealed Lead Acid batteries) and a 100 watt solar panel, rather than a generator, to avoid any chance of starting a fire in the wilderness area of the park.

Since aid stations are as much as ten miles apart, a big part of the task is making sure that all the runners that start the race either finish or have dropped out at a known location, and are not lost or incapacitated someplace on the trail.

As an operator, turning out for the race may give you a good idea of how prepared you are for a communications emergency. The average 10K is 1 – 2 Hours. This race is more like 12 – 14 hours at the Start – Finish line. (*Most aid stations assignments are for a somewhat shorter time.*) So, extra HT batteries or an extra radio maybe needed. Also, it is as much as 25 miles across the course, so an external antenna or a mobile radio with some power may also be useful.

Finally, creature comforts are also important. Be sure to bring some water, snacks, portable chair, sun glasses, hat, and layered clothing, along with a pack to keep it all together.

After the Ray Miller 50/50, the next race will be the **Sean O'Brien 100/50** at Malibu Creek Camp Ground, on February 7, 2020. So, if you missed this one, this is your next chance.

73 Dale

Contest for: November - December
NEW HF OPERATORS -- THINGS TO DO

The next 2 weeks contain a couple of the most popular contests of the year. First up is the [ARRL Phone Sweepstakes](#) on November 16-17, followed by the [CQ World Wide CW Contest](#) November 23-24.

Sweepstakes is a domestic contest with a challenging exchange and 83 ARRL/RAC multipliers that can be worked once per contest over 24 operating hours out of a 30-hour contest period. The top single operator high-power score in the ARRL Phone Sweepstakes in 2018 was made by N5TR, who had 2,143 contacts, all 83 multipliers, and a score of nearly 356,000 points.

The 48-hour CQ WW CW contest has zone and country multipliers, and they can all be worked once per band for multiplier credit. Lots of per-band multipliers mean big scores - last year, the top single operator high-power score by CT1BOH (at D41CV) had 693 combined multipliers and 8,743 contacts, for a score just shy of 17 million points. CQ WW is usually a great opportunity to work some juicy DX if the bands are open.

ARRL 10 Meter Contest

In December, on the 2nd full weekend, is the ARRL 10 Meter Contest. It starts 0000 UTC Saturday (Friday 4 PM PST); runs through 2359 UTC (3:59

PST) Sunday (**December 14-15, 2019**). This is a great contest for our club members as 10 meters as a phone portion open to Technician Class Licensees. Also, good result can be obtained with a simple 100 inch vertical antenna up on the roof. Several local contacts are best made shortly after the start on Friday afternoon. DX contacts tend to occur as the gray line passes over the US and South America in the morning and afternoon. With the sunspots in a low ebb, expect to contact only a few of the more powerful DX stations. When submitting your log, be sure to indicate your club as: The Hughes ARC. More info at:

<http://www.arrrl.org/10-meter>

73 Dale

HNLB–Hughes Net Lunch Bunch - 11/5/19

All,

We had 10 hams at lunch this week. This included our Colorado friends, Gerry, N6HUQ, and Trish, N6SUM, plus Inge Greenwald. It made for good QRM.

Betty, N6VZF

Ed.Note: The Hughes Net Lunch Bunchers (HNLBers) meet in Westchester, at the Coffee Co. La Tijera Blvd & Sepulveda East way, at 11:30 am. They've meet on the 1st Tuesday of the Month - since the mid 70s - 40 years!



ARRL Letter – Excerpts of possible interest

More Than 1 Million Contacts Logged During 2019 ARRL Field Day

ARRL Contest Program Manager Paul Bourque, N1SFE, reports that nearly 1.1 million contacts were made during the 2019 ARRL Field Day -- the most popular operating event in North America.

Bourque reported the [2019 ARRL Field Day results](#), which are available starting on page 64 of the [digital edition](#) of the December 2019 issue of *QST*. Bourque says in his article that more than 36,000 radio amateurs took part in 2019 Field Day across all 83 ARRL/Radio Amateurs of Canada Sections, up slightly from the 35,250 reported last year. The total number of contacts was down by about 7% from 2018's 1.18 million contacts.

"This year, 3,113 entries were received from local

clubs and emergency operations centers (EOCs), as well as individual portable, mobile, and home stations," Bourque wrote in *QST*. Most entries were in Class A -- club or non-club groups of three or more.

Of the nearly 1.1 million contacts, approximately 46% were made on phone, and 456,000 (42%) of contacts were made on CW. The remaining 138,000+ (12%) of the contacts were made on digital modes, such as FT8 and RTTY.



The Williamsburg Area Amateur Radio Club (WAARC) operated Field Day 2019 from Virginia using the club's call sign K4RC. GOTA Station operator Solana Stevenson beams, with her mother Mari Ann Stevenson in back at the left and grandfather Randy Altona, KM4YSN, in back at the right, with GOTA Coach Chuck White, AI4WU. [Dan Ewart, WG4E, photo]

"This is a substantial increase compared to 2018, when total QSOs on the digital modes numbered just over 56,000," Bourque reported. "With the late 2018 release of [WSJT-X](#) (which now supports Field Day exchanges), many participants made use of FT8's ability to communicate when band conditions weren't being cooperative."

Top 10 scores ranged between W3AO's Class 14A entry from Maryland-DC, with 32,356 points, to W1NVT's 14,876-point Class 2A entry from Vermont.

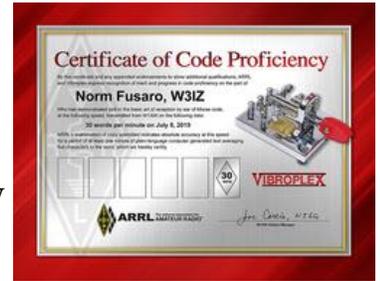
Bourque said that 95% of the 3,113 entries received came through the Field Day web applet.

"Not only is ARRL Field Day an opportunity to sharpen operating skills in temporary and portable locations, it's also an occasion to showcase amateur radio to the local community," Bourque wrote.

[Soapbox comments](#) for Field Day 2019 are available on the ARRL website. ARRL Field Day 2020 will take place June 27 - 28.

Starting with the August issue, *QST* will list the recipients of W1AW Code Proficiency certificates. (repeat from July)

Key manufacturer [Vibroplex](#) is now sponsoring the certificates, which have been redesigned. The Code Proficiency program has been an ARRL staple for decades. Participants who copy a [W1AW qualifying run](#) and submit 1 minute of legible solid copy and the \$10 certificate fee can qualify. Send submissions to W1AW Qualifying Run, 225 Main St., Newington, CT USA 06111. These are checked directly against the official W1AW text, and those demonstrating solid copy will receive an initial Code Proficiency certificate. Endorsement stickers, which cost \$7.50, are issued for speeds up to 40 WPM. Those seeking to attain a Code Proficiency certificate can listen to W1AW daily code practice sessions, in which the text is taken directly from *QST*, as announced before each practice run. **Starting in December, W1AW will transmit up to 16 Qualifying runs per month,** [See page 9 for the next eighteen qualifying runs. - ed]

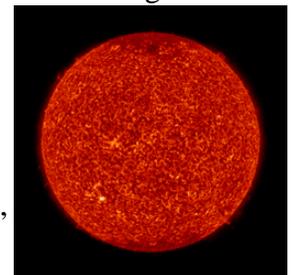


WORD TO THE WISE

Nomophobia: The fear of being without, or not being able to use, your cellular phone.

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: With little to no solar activity, it's amazing how many HF DX contacts are possible, even without taking advantage of so-called weak-signal modes such as FT8. Recent DXpeditions, such as the ones on Pitcairn Island and the Marquesas, had little trouble piling up the contacts, even on 10 meters. It helps that fall is upon us.



No sunspots over the past week, and average daily solar flux was about the same as last week, 70.3 compared to 70.4. Geomagnetic indices were still quiet, with average daily planetary A index at 4 (last week was 4.1) and middle latitude A index at 3 (compared to 2.7).

Predicted solar flux is 71 on November 14 - December 3; 70 on December 4 - 18; and 71 on December 19 - 28.

Predicted planetary A index is 5 on November 14 - 15; 12 and 8 on November 16 - 17; 5 on November 18 - 19; 18, 25, 18, 12, and 10 on November 20 - 24; 8 on November 25 - 26; 5 on November 27 - December 16; 15, 25, 18, 12, and 10 on December 17 - 21; 8 on December 22 - 23, and 5 on December 24 - 28.

Sunspot numbers for November 7 - 13 were 0, 0, 0, 0, 0, 0, and 0, with a mean of 0. The 10.7-centimeter flux was 69.8, 70.2, 69.6, 70.8, 69.5, 70.8, and 71.1, with a mean of 70.4. Estimated planetary A indices were 5, 3, 4, 3, 7, 4, and 2, with a mean of 4.1. Middle latitude A index was 3, 2, 3, 2, 7, 3, and 1, 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. [Monthly charts](#) offer propagation projections between the US and a dozen DX locations.

[Share](#) your reports and observations.

ARRL Section, State and Division Conventions / Hamfest in the West or near members:

December 13 - 14 -- [West Central Florida Section Convention](#), Plant City, Florida

January 19 - 25 -- [Quartzfest](#), Quartzsite, Arizona

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

Just Ahead in Radiosports

November 15 -- YO International PSK31 Contest

November 16 -- Feld Hell Sprint

November 16 -- All Austrian 160-Meter Contest (CW)

November 16 -- RSGB 1.8 MHz Contest (CW)

November 16 - 17 -- REF 160-Meter Contest (CW)

November 16 - 17 -- [ARRL EME Contest](#) (CW, phone, digital)

November 16 - 17 -- LZ DX Contest (CW, phone)

November 16 - 18 - [ARRL Nov. Sweepstakes](#) (Ph)

November 17 -- Homebrew and Oldtime Equipment Party (CW)

November 18 -- Run for the Bacon QRP Contest (CW)

November 19 -- NAQCC CW Sprint

November 20 -- RSGB 80-Meter Autumn Series (Phone)

December 14 - 15 - [ARRL 10 Meter Contest](#)

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.

The Canadian National Parks on the Air, CNPOTA, operating event runs for the entire year of 2019, with special stations active from Canada's parks and historic sites.

All dates & times are UTC.

[Selected DX News](#) (QRV = Ready! or Are you Ready?)

ARLD045 DX news

This week's bulletin was made possible with information provided by AA3B, EA4NF, LU4AAO, 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.

NIGER, 5U. Pierre, HB9AMO is QRV as 5U9AMO **until November 25**. QSL via M0URX.

GHANA, 9G. Members of the Slovenia Contest Club will be QRV as 9G5W **from November 16 to 27**. Activity will be on 160 to 10 meters using CW, SSB, RTTY and other digital modes. This includes being an entry in the upcoming CQ World Wide DX CW contest. QSL via LoTW.

BAHAMAS, C6. A group of operators are QRV as C6AGU from Wood Cay Island, IOTA NA-001, **until December 9**. Activity is on the HF bands with a focus on 160 and 80 meters. This includes entries in the upcoming CQ World Wide DX CW and ARRL 160-Meter contests. QSL via HA7RY.

CAPE VERDE, D4. Eric, OE4AAC will be QRV as D4CC from Sal Island, IOTA AF-086, from **November 17 to 30**. Activity will be on 40 to 10 meters using CW and some FT8. This includes being an entry in the upcoming CQ World Wide DX CW contest. QSL to home call.

CEUTA AND MELILLA, EA9. Philippe, EA4NF will be QRV as EA9/EA4NF from Melilla from **November 18 to 21**. Activity will be on various satellites. QSL via LoTW.

MARQUESAS ISLANDS, FO. Didier, F6BCW will be QRV as FO/F6BCW from Hiva Oa Island, IOTA OC-027, **from November 19 to 25**. Activity will be on 40 and 20M. QSL #1

TEMOTU PROVINCE, H40. Rob, N7QT and Grant, KZ1W are QRV as H40KT and H40TT, respectively, from Pigeon Island, IOTA OC-065, **until November 28**. Activity is on 160 to 10 meters using CW, SSB, RTTY and FT8. This includes being an entry as H40KT in the upcoming CQ WW DX CW contest. QSL via M0URX.

ARGENTINA, LU. Members of the Radio Club QRM Belgrano are QRV as LU4AAO until **November 18** to celebrate the Argentine Traditions Day. Activity is on the HF bands using CW, SSB and FT8. QSL direct to LU4AAO.

SABA, ST. EUSTATIUS, PJ5. Wlodek, SP6EQZ and Janusz, SP6IXF will be QRV as PJ5/home calls from Saint Eustatius, IOTA NA-145, from **November 16 to 30**. Activity is on 160 to 10 meters using CW, SSB and various digital modes. This includes a possible entry in the upcoming CQ WW DX CW contest. QSL #1

ANTIGUA AND BARBUDA, V2. Bud, AA3B will be QRV as V26K from Antigua, IOTA NA-100, **November 16 to 26**. Activity will be on the HF bands with an emphasis on CW. This includes being a Single Op/All Band/Low Power entry in the upcoming CQ World Wide DX CW contest. QSL direct to home call.

MICRONESIA, V6. Al, K7AR will be QRV as V63AR from Pohnpei, IOTA OC-010, from

November 18 to 26. Activity will be on the HF bands using CW, SSB and FT8. This includes being an entry in the upcoming CQ World Wide DX CW contest. QSL to home call.

TURKS AND CAICOS ISLANDS, VP5. Dennis, K2SX, Art, KZ5D, Les, W2LK, Bill, AC0W and Jim, K4QPL will be QRV as VP5/home calls from Caicos, IOTA NA-002, **from November 19 to 26**. They will be QRV as VP5M in the upcoming CQ World Wide DX CW contest. QSL to home calls and VP5M direct to K4QPL.

VIET NAM, XV. Mats, SM6LRR will be QRV as XV9D **from November 17 to 30**. Activity will be on 40 to 20 meters. This includes being a Single Op/Single Band entry on 40M in the upcoming CQ WW DX CW contest. QSL direct to EA5GL.

INDONESIA, YB. Burkhard, DL3KZA is QRV as YB9/DL3KZA from Sumbawa and Lombok Island, IOTA OC-150, **until December 2**. Activity is on the HF bands using SSB and FT8. QSL #1

CAYMAN ISLANDS, ZF. Dan, N6MJ will be QRV as ZF2MJ **from November 19 to 25**. He will be active as ZF1A in the upcoming CQ World Wide DX CW contest on all bands. QSL ZF2MJ to home call and ZF1A via K6AM.

CZECH REPUBLIC, OK. Special event station OL75CARBON is QRV **until Nov. 30** to celebrate the 75th anniversary of WW II Op CARBON, consisting of paratroopers who jumped into the Protectorate of Bohemia & Moravia. Activity is on all bands using mostly CW, but also SSB, FM, and other digital modes. QSL #2

Long Term: (longer than 1 month)

NEW CALEDONIA, FK. Jan, F6EYB is QRV as FK8CJ from Noumea, IOTA OC-032, **until the end of 2019**. Activity is mainly on 30, 20 and 17 meters. QSL #1

NETHERLANDS, PA. Special event station PH100ADL is QRV **until the end of 2019** to commemorate the first commercial flight in the Netherlands 100 years ago. Activity is on the HF bands using CW and SSB. QSL via bureau.

UKRAINE, UR. Special event station EN185UNIV will be **QRV from April 15 to Dec. 31, 2019** to celebrate the 185th year of the Taras Shevchenko National University of Kiev.

SWEDEN, SM. Members of National Association of the Active Seeing Impaired club station SK5CG are QRV with special event station SF50CG during **all of 2019** in celebration of their 50th anniversary. QSL via SMOBYD.

FEDERAL REPUBLIC OF GERMANY, DA. Special event station DM775FLD is QRV **during all of 2019** to celebrate the founding of the town of Friedland 775 years ago. QSL #3

Until 2020

GHANA, 9G. Emil, ZS6EGB is QRV as 9G5ZS until **February 2020**. Activity is on the HF bands using FT8. QSL #4.

NETHERLANDS, PA. Special event station PA75LIMBURG is QRV until **March 2020** to commemorate the liberation of the province Limburg 75 years ago. QSL via PC8DB.

ZAMBIA, 9J. Mario, IK1MYT is QRV as 9J2MYT from Lusaka until **June 2020**. Activity is on 40, 20, 15 and 10 meters. QSL to home call.

Until 2021

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 via operator's instructions.

ANTARCTICA

[Summer Season November – April]

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

Lunch Financials – for Sept. 19, 2019

Attendance: 25

Starting Lunch Kitty:	\$200.00
Expenses: Pizza(4) & Salads	\$102.00
Drinks: Soda: 11 @ 0.30 =	\$3.50
Water 1 @ 0.25 =	\$0.25
Food Total:	\$105.75
Income: Lunch:	\$126.75
Room Rent-To General Funds:	\$0.00
Starting - Kitty for OCT 15, 2019 Mtg:	\$222.00
<u>[Gain of \$22.00 - \$20.00 for room rent = Gain of \$2.00]</u>	

Lunch Financials – for October, 2019

Attendance:

Starting Lunch Kitty:	\$222.00
Expenses: Pizza(1) & Salads	\$102.00
Drinks: Soda: 10 @ 0.35 =	\$3.50
Water 2 @ 0.25 =	\$0.50
Food Total:	\$106.00
Income: Lunch:	\$98.00
Room Rent-To General Funds:	\$60.00
Starting - Kitty for Sept. 19 Mtg:	\$154.00
<u>[Loss of \$8.00 - \$20.00 for room rent = Loss of 28.00]</u>	

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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)

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 Exam Practice 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

LAX SEC : JIM STOKER AG6EF

4555 ENCINAS DR

LA CANADA FLINTRIDGE CA 9101

818 790 2832

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)

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>

SCRRA (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 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 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]

4 PM PST wed Nov 20 (0000UTC Nov 21) – on CW Frequencies listed above, 10 to 40 WPM

Starting in Dec. W1AW will transmit Qualifying Runs up to 16 times per month. For December:

12/2 @ 1PM, 12/3 @4PM, 12/5 @ 7PM, 12/6 @ 6AM, 12/10 @ 1PM, 12/11 @ 4PM, 12/12 @ 6 AM, 12/13@7PM, 12/16 @ 1PM, 12/17 @ 6AM, 12/18 @ 7PM, 12/19 @ 4PM, 12/23 @ 7PM, 12/26 @ 1PM, 12/27 @ 4PM

West Coast Qualifying Runs:

9 PM PST Tues. Nov 26 (0500 UTC Nov 27) on 3590 & 7047.5 kHz 10 – 35 wpm

2 PM PST Sat. Dec 14 (2200 UTC) on 3581.5, 7047.5, 14047.5, 18097.5 & 21067.7 kHz 10 – 40 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.

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 new- comers. Elmers are encouraged to monitor the frequency and work the CW beginners, some of whom may have had a license for many years.

2018 – 2019 CLUB OFFICERS**Elected Officers:**

PRESIDENT:	Mike, N6MDV	President at W6HA.com
VICE PRESIDENT:	Raul, KM6NRL	W6HA_VicePresident at W6HA.com
SECRETARY:	Judi, KI6TKT	W6HA at W6HA.com
TREASURER:	Alice, KK6MFL	Treasurer at W6HA.com
STATION MANAGER:	Brian, AB6UI	W6HASTationMgr at W6HA.com
Immediate PAST PRES.:	Dale, WB6MMQ	W6HA at W6HA.com

Committees:

NEWSLETTER EDITOR:	Dale, WB6MMQ	W6HA_Editor 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:	Howard, KE6MAK	W6HA at W6HA
FIELD DAY :	Mike, Dale, Raul, Richard	Fieldday at W6HA.com
MEMBERSHIP:	Dale, WB6MMQ	W6HA at W6HA.com
NET COORDINATOR:	Raul, WA6NVL	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 SAS ECT:	Ken, KI6YDN,	KSIMP1022 at AOL.com
CLUB REPEATER: W6HA/R	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 Monday of the month, 7:00 PM (0200 UTC Tuesday)

HAC HF NET: HARC & Retired 14.233 Mhz, Tuesdays, 13:00 PDT – Currently Inactive

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 at W6HA.com. If anyone needs a club application, please contact Paul, KK6TAC or 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.
