



The Transponder



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

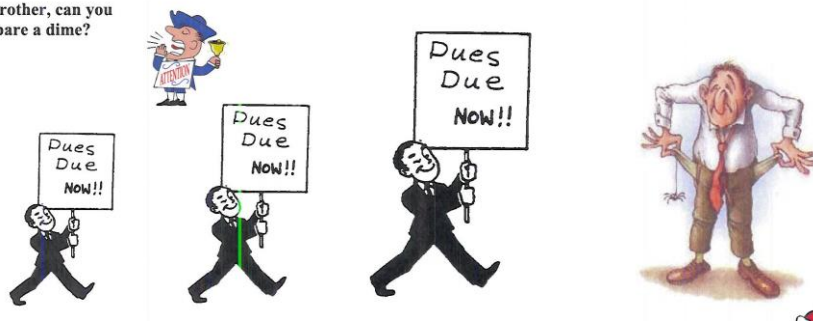
July 12, 2019 Repeater 445.620 – PL 127.3 Web Site: <http://W6HA.com> Vol. XLVI, No. 7

***** CLUB MEETING – Day is Changed This Month *****

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

Meeting Notice: Date: **Thursday, July 18, 2019;** Time: Gather, 11:30; Meeting: 12 to 1 PM

Brother, can you spare a dime?



Featured Presentation:

- Field Day Results - Score: Betty, N6VZF
- 40M & FT8, Raul, KM6NRL
- MBCERT and EOC Capabilities – Paul, K6PEC

Up Coming Events:

Sept. 15 – Jet to Jetty 5/10 K Race, Dockweiler Beach

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:**The Presidents Corner**

I appreciate you electing me to be the club president for a second year. I think the club is doing well due to the many people who help keep the club active! A special thanks to Paul, our treasurer who has kept finances and paper work well organized with extraordinary, timely support. Paul is stepping down as Alice steps up as our new treasurer. Also thanks to our continuing club officers who help us keep the program on track.

I encourage you to stay active in the club; it is the members sharing their insights that makes us strong. I am looking forward to continuing what we are doing and add a bit more.

Specifically, I'd like to continue our training classes; they have been well attended. We have been doing 2 or 3 per year. Given the strong interest in the class, I'd like to suggest we aim for making 3 per year our standard. This helps the community and makes the club stronger as we get additional new members.

Our weekly nets have been well attended. Each Wednesday many of us meet at 7:30PM on the club repeater. Then many switch over to a simplex net on 146.550MHz. I believe nearly all of us have improved our signals this year, changing antennas, microphones, or personal technique. If you haven't participated, please do so. It is informal and you may be impressed with how well even your hand held signal makes it across the southland. We are also looking to give more people experience as the net control operator.

I'd also like to expand on our quarterly non-lunch time meetings. We had one evening meeting this last year and a couple of Saturday meetings. Saturday meetings were better attended – thus I'd like to aim for quarterly Saturday meetings; it has been suggested that we do these even more often such as bi monthly or even monthly. These can be combined with our skills and build day to help new hams refine skills. We might also aim for some of these Saturday events to be on a contest weekend where we can set up multiple stations, see equipment, and share knowledge.

If members have an interest, I think reaching out to the local agencies and CERT teams might be a

good idea. AB6UI and others have also been reaching out to local schools to help with ISS contacts, balloon launches, and other skills. If there is interest we might reach out to help STEM activities further.

We did augment our club web page and email system this last year including an email address of elmer@w6ha.com. It has had a bit of use, possibly we could do more to share our knowledge. Also you can reach the club officers at w6ha@w6ha.com

I would like to make some changes in the storage locker. We have accumulated many items that are unlikely to ever be used. So much stuff is there, that moving around the locker can be difficult. I'd suggest that we mark the items as keep, possible discard, and certainly discard. Club members can take items that will be discarded or we can rent a booth at the swap meet to remove those items. The rest can go to an e-waste site.

Also regarding our equipment, our antenna tower trailer is an awesome asset. It is in need of maintenance – rust prevention, tires, ... We've started to explore options and costs. Donated labor will help defray costs. Alternately or in addition, we may want to explore ways of accepting fund donations from a supporting group or from members. If you have thoughts, please let me know. I'd like to have the trailer refurbished before field day next year – earlier would be good.

Occasionally I get a suggestion that we hold a General License Class; please let me know your thoughts. Possibly that could be the focus of one of our non-noon Saturday meetings.

As president, I am just your agent to help the club grow. As such, I am eager to hear what you might envision to be part of your ideal ham radio club. Please let me know what your thoughts are and then help me with continued great participation and support of our club activities. You can reach me at president@w6ha.com

I'm looking forward to a great year for the W6HA club.

73,
Mike
N6MDV

Officers for 2019 – 2020

We thank the officers that are retiring especially Paul, KK6TAC, for his three years as treasurer. Thanks you very much for a job well done.

The Officers for 2019 – thru June of 2020 are:

President: Mike, N6MDV
 Vice President: Raul, KM6NRL
 Secretary: Judi, KI6TKT
 Treasurer: Alice, KK6MFL
 Station Manager: Brian, AB6UI

Committee Chairs are listed on the last page of the Transponder.

HNLB–Hughes Net Lunch Bunch - 7/2/19

Happy Fourth to You,

We had 8 hams at our July lunch. Six regulars: Don, N6IC; Al, W6IVO; Dick, W1MII; Dale, WB6MMQ; Dick, W6RFI; Gary, NY6Y; and Betty, N6VZF. One we haven't seen for awhile: Elliott, WA6TLA. And one new-comer: Raul, KM6NRL.

Raul took one of our Tech classes and then upgraded. He's been very active in the Hughes ARC.

I was told that Bill, K6MGO, isn't doing well. Maybe a few good wishes will help him along.

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!

Contest for: July - August

North American QSO Party – There are three versions: RTTY, CW and SSB on different dates.

1. Eligibility: Any Amateur Radio licensee may enter.
2. Object: To work as many North American stations as possible during the contest period.

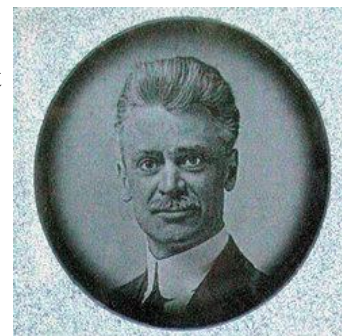
Jul 20, 1800z to Jul 21, 0559z; - North American QSO Party, RTTY

August 4 – North American QSO Party, CW
 August 17 – North American QSO Party, SSB

ARRL Letter – Excerpts of possible interest**ARRL Announces "Happy 150!" Hiram Percy Maxim Birthday Celebration**

This year marks the 150th anniversary of the birth of ARRL's first president and cofounder Hiram Percy Maxim (HPM), W1AW, born on September 2, 1869. ARRL will hold an operating event to celebrate HPM's legacy, getting under way at 0000 UTC on August 31, and continuing until 2359 UTC on September 8. The event is open to all radio amateurs.

The goal is straightforward: Contact as many participating stations as possible. W1AW and all ARRL members will append "/150" to their call signs during this event (DX operators who are



ARRL members may identify as <call sign>/150, if permitted by their country of license.) Participating stations will exchange signal report and [ARRL/RAC Section](#). DX stations will send signal report and "DX." Those taking part may use all Amateur Radio bands, *excluding* 60, 30, 17, and 12 meters.

Permitted modes: CW, phone (any voice modes), and digital. Submit Cabrillo log or ADI files. ARRL will calculate all final scores based on participants' uploads to the ARRL event web app (link not yet active).

The 84 available multipliers only count once. These include the 83 ARRL/RAC Sections (RAC Sections include the Canadian Northern Territories, encompassing VE8, VY1, and VY0) and DX. The W1AW operating schedule during this period may be adjusted as necessary to accommodate on-air celebration operating activities. Contacts with W1AW/150 will earn 3 points each. Contacts with any ARRL member will earn 2 points each. These stations will also identify as <call sign>/150. Contacts with nonmembers will earn 1 point each.

Participants can earn 150 bonus points by:

- Contacting W1AW/150 on each band and mode.
- Uploading entries (ARRL members only).
- Using social media to publicize this event and/or participation before, during, and/or after the event.
- Operating with 5 W PEP output or less throughout the event.
- Making at least 20 contacts while operating portable.
- Completing at least 150 contacts.

Online certificates will be awarded, and are available [via download](#) only. Updates and results will be [publicized](#).

There are no power or operator categories. Participating ARRL members who use Logbook of The World (LoTW) are encouraged to [create a separate LoTW certificate](#) for uploading <call sign>/150 contacts. Members then should upload logs for this event using their /150 certificates. Submissions must be via the online web app. No email or paper submissions will be accepted.

W1AW, NU1AW to be Headquarters Multipliers for the IARU HF Championship

During the [IARU HF Championship](#) contest July 13 - 14, the ARRL HQ station will be W1AW/7, on the air from Nevada with Tom Taormina,

K5RC, as control operator. IARU Secretariat Club station NU1AW will be on the air from KC1XX in New Hampshire and K1TTT in Massachusetts and counts as the IARU HQ station.

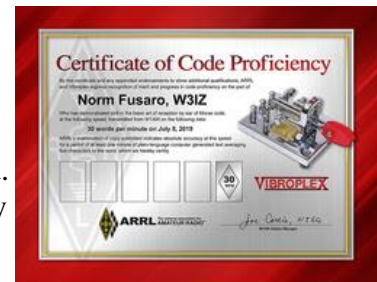


Both single and multioperator stations may operate the entire 24-hour period, and stations may operate on phone, on CW, or on both modes. IARU member-society HQ stations send signal report and official IARU member-society abbreviation (e.g., ARRL).

Members of the IARU Administrative Council and the three IARU regional Executive Committees send "AC," "R1," "R2," and "R3," as appropriate. All other stations send signal report and [ITU zone](#).

Starting with the August issue, QST will list the recipients of W1AW [Code Proficiency](#) certificates.

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. The W1AW Code Proficiency Program is open to hams and non-hams alike. 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.

WWV 100th Anniversary Special Event Operation in the Planning Stages [Repeated from Feb - ed]

It's a celebratory year for the WWV stations, ... marking their 100th year this fall. The [WWV](#)



[Centennial Committee](#) and National Institute of Standards and Technology ([NIST](#)) will mount a special event station this fall to mark the 100th anniversary of the time and frequency standard station, the world's oldest continuously operating radio station. ...

Dave Swartz, W0DAS, of the Northern Colorado Amateur Radio Club ([NCARC](#)) heads the committee, which is developing plans for an NCARC special event from **September 28 through October 2**, with a NIST centennial observance tentatively set for October 1. ...

Swartz and committee members Darren Kalmbach, KC0ZIE, and Kevin Utter, N7GES, met on

February 8 with WWV/WWVB/WWVH Station Manager John Lowe, WWV Electronics Technician Glenn Nelson, and WWV Chief Engineer Matt Deutch, N0RGT. ... "The operating site lies outside the security fence simplifying logistics," he said. Swartz hopes Colorado clubs will help make the WWV Centennial a success. More info: <http://wwv100.com/>

13 Colonies Special Event, Station K2M

Fifteen operators from the Skyview Amateur Radio Club in Pittsburgh went to K3LR for 10 hours of operating in the 13 colony event as



K2M on July 6. They put 7 stations on the air on 80 meters through 6 meters SSB and 20 meter CW. Two thousand contacts were made! According to Tim, K3LR, one of the highlights: "Mike, W3MLJ (pictured above -- Ed.) - 14 years old rattling guys on 20 SSB almost the entire time. 745 QSOs on 20 SSB. He'll be in 9th grade this year." [Credit: K3LR, Photo]

Historic Amateur Radio Contact via Moon-Orbiting Satellite Reported

A contact between radio amateurs in Germany and China took place on July 1 via the moon-orbiting LO-94 satellite, DSLWP-B, launched in May 2018. The two-way exchange between Reinhard Kuehn, DK5LA, in Sorup, Germany, and Harbin Institute of Technology club station BY2HIT (operated by Wei Mingchuan, BG2BHC), in Harbin, China, occurred between 0551 and 0728 UTC, according to reports. The GMSK-to-JT4G repeater onboard



DSLWP-B was used to make the contact, the first ever via a lunar-orbiting repeater.

"Using the GMSK-to-JT4G repeater is not easy, in terms of the signal power needed for the uplink," [commented](#) radio amateur and engineer Daniel Estévez, EA4GPZ, whose blog includes images of the lunar surface downloaded via DSLWP-B. "There were plans to make a QSO between BY2HIT and Reinhard since many months ago, but previous attempts didn't work out.

My congratulations to the people at both sides of the QSO, who have achieved it a month before [DSLWP-B crashes against the lunar surface.](#)"

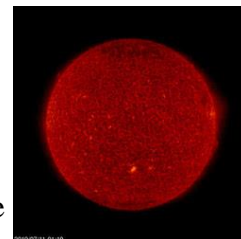
As Estévez explained it, the GMSK-to-JT4G repeater works by sending commands to the satellite that embed a 13-character message, using the same frequency and a similar protocol to the one that commands the camera and other satellite functions. He said sending a message in this fashion takes a little longer than 1 minute.

An open telecommand protocol allows radio amateurs to take and download images, and DSLWP-B transmitted images of the moon and Earth during this week's solar eclipse. DSLWP-B was launched as a secondary payload with the *Queqiao* relay satellite as part of the Chang'e 4 mission to the far side of the moon.

DSLWP stands for "Discovering the Sky at Longest Wavelengths Pathfinder," and was designed to test low-frequency radio astronomy and space-based interferometry. The repeater uplink is on 2 meters and the downlink is on 70 centimeters.

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: As was the case in the previous reporting week, the current week had only 1 day, July 13, on which sunspots made a brief appearance; both were new spots from Cycle 25, according to their magnetic signatures.



The average daily solar flux declined marginally from 67.5 to 67.1.

Predicted solar flux for the next 45 days is 68 on July 11 - 18, and 67 on July 19 - August 24.

Predicted planetary A index is 8 on July 1; 5 on July 12-27; 8 on July 28; 5 on July 29 - August 4; 12, 15, and 12 on August 5 - 7; 5 on August 8 - 23, and 8 on August 24.

Here's an interesting [article on space weather](#) from *The Conversation*: "Solar weather has real, material effects on Earth."

Space Weather Woman Tamitha Skov, WX6SWW, has posted [a new video](#).

Sunspot numbers for July 4 - 10 were 0, 0, 0, 12, 0, 0, and 0, with a mean of 1.7. The 10.7-centimeter flux was 67.8, 67.5, 66.5, 67.3, 66.5, 66.8, and 67.6, with a mean of 67.1. Estimated planetary A indices were 5, 5, 3, 5, 9, 17, and 15, with a mean of 8.4. Middle latitude A index was 8, 6, 5, 5, 7, 16, and 13, with a mean of 8.6.

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.

Just Ahead in Radiosports

July 13 -- FISTS Summer Unlimited Sprint (CW)

July 13-14 - IARU HF Championship (cw, ph)

July 13 - 14 -- SKCC Weekend Sprintathon (CW)

July 15 -- 4 States QRP Group Second Sunday Sprint (CW, phone)

Sept. 28 – Oct. 2 WWV Centennial Special Event.

The CWops Mini-CWT CW Test and Phone Fray are scheduled for July 17.

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, unless otherwise stated, are UTC.

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

July 19 - 21 -- [Nevada State Convention](#), Reno, Nevada

August 9 - 11 -- [Pacific Northwest DX Convention](#), Everett, Washington

August 17 - 18 -- [Huntsville Hamfest](#), Alabama State Convention, Huntsville, Alabama

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

THIS WEEKEND ON THE RADIO.

The IARU HF World Championship, QRP 20-Meter CW Fox Hunt, NCCC RTTY Sprint, NCCC CW Sprint, FISTS Summer Unlimited CW Sprint, SKCC Weekend CW Sprintathon and the QRP ARCI Summer Homebrew CW Sprint will certainly keep contesters busy this upcoming weekend.

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

ARLD027 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.

GEORGIA, 4L. David, AD0PY/DL7ZM will be QRV as 4L/DL7ZM from **July 13 to 21**. Activity will be on 6 meters using CW, SSB and FT8. This includes being an entry in the upcoming CQ World Wide VHF contest. QSL direct to home call.

EAST MALAYSIA, 9M6. Saty, JE1JKL is QRV as 9M6NA from Labuan Island, IOTA OC-133, until **July 16**. His focus is on 6 meters using FT8. This includes being an entry in the IARU HF World Championship. QSL via LoTW.

PHILIPPINES, DU. Chris, OZ1GNN is QRV as DU1/OZ1GNN from Antipolo, Grid Square PK04on, until **July 26**. QSL via LoTW.

PALESTINE, E4. Janusz, SP9FIH is QRV as E44WE from Bethlehem until **August 6**. Activity is on 80, 30, 20 and 6 meters using SSB, RTTY and FT8. QSL #1

ENGLAND, G. Members of the Leicester Radio Society are QRV with special call sign GB5EHL until **July 28** to commemorate the first Moon landing. Activity is on the HF bands using CW, SSB, RTTY, SSTV, PSK and FT8. QSL #2

ISLE OF MAN, GD. Dave, WJ2O is QRV as MD/WJ2O until **July 17**. This includes being active in the IARU HF World Championship. QSL via N2ZN.

SOLOMON ISLANDS, H4. Bernhard, DL2GAC

is QRV as H44MS from Malaita Island, IOTA OC-047, **until September 25**. Activity is on 80 to 6 meters using only SSB. QSL to home call.

ECUADOR, HC. Dervin, PD9DX is QRV as HC5BDT **until July 18**. This includes being an entry in the IARU HF World Championship. QSL via M0URX.

REPUBLIC OF KOREA, HL. Special event station D73F is QRV **until August 18** during the 18th World Aquatics Championships in Gwangju. QSL via HL4CCM.

THAILAND, HS. Look for RAST HQ station E2HQ to be QRV in the **IARU HF World Championship**. QSL via LoTW.

In addition, HS0AC will be activated by Rookie Hams from ITU Zone 49. QSL via S5NMF.

Jack, HS1FVL will be QRV with the R3 Multiplier. QSL to home call.

ALASKA, KL. Rick, K6VVA plans to be QRV as K6VVA/KL7 from Endicott Island, IOTA NA-004, from **July 16 to 19**. Activity will be on 40, 30 and 20 meters using CW with some SSB. QSL #5

LUXEMBOURG, LX. Members of the Luxembourg Amateur Radio Union are QRV with spcl call sign LX50MOON **during July** to commemorate the 1st Moon landing. QSL via LoTW.

MARKET REEF, OJ0. A group of ops will be QRV as OJ0C until **July 20**. QSL via OH3JR.

DENMARK, OZ. Carsten, OZ4CG is QRV as OZ4SOP from Bornholm, IOTA EU-030, **during July** to support the Sea of Peace award. This includes being an entry in the IARU HF World Championship. QSL via LoTW.

ARUBA, P4. John, W2GD will be QRV as P44W in the **IARU HF World Championship** as a Single Op/All Band/High Power CW entry. QSL via LoTW.

NETHERLANDS, PA. Spcl event station PA11 APOLLO is QRV **until August 2** to commemorate the first Moon landing. QSL via PA1UN.

CORSICA, TK. Frans, DJ0TP is QRV as TK/DJ0TP **until August 8**. Activity is holiday style. QSL to home call.

AUSTRALIA, VK. Special event station VI3MOON will be QRV **from July 16 to 24** to commemorate the first Moon landing. QSL via bureau.

BERMUDA, VP9. Steven, KU9C and Stephen, KL7SB are QRV as home calls/VP9 **until July 15**. They will be active as VP9HQ in the IARU HF World Championship. QSL KU9C/VP9 and VP9HQ via KU9C and KL7SB/VP9 via N4GNR.

GIBRALTAR, ZB. Members of the Gibraltar Amateur Radio Society are QRV with special event station ZB2IG19 **until July 30** during the 18th Gibraltar Island Games 2019. QSL to ZB2BU.

CAYMAN ISLANDS, ZF. Operators K6GO and NA6MB are QRV as ZF2GO and ZF2NA, respectively, **until July 21**. Activity is on 160 to 10 meters. They will be QRV as ZF1A as the Cayman Island HQ station in the IARU HF World Championship. They will also be QRV in the upcoming North American RTTY QSO Party. QSL via operators' instructions.

NEW ZEALAND, ZL. Frank, ZL2BR plans to be QRV as ZL6HQ as the New Zealand HQ station in the **IARU HF World Championship**. Activity will be with CW. QSL via the bureau.

THAILAND, HS. Members of the Radio Amateur Society of Thailand are QRV with special call HS10KING **until July 31** to celebrate the coronation of King Vajiralongkorn Bodindrad-ebyavarangkun. QSL via bureau.

SOUTH AFRICA, ZS. Special event call ZS19CWC is QRV **until July 14** during the Cricket World Cup Radio Marathon 2019. QSL via operators' instructions.

HONG KONG, VR. Special event call VR2019CWC is QRV **until July 14** during the Cricket World Cup Radio Marathon 2019. QSL via operators' instructions.

LUXEMBOURG, LX. Members of the Radio Amateurs du Luxembourg group are QRV with special event call LX19CWC **until July 14** during the Cricket World Cup Radio Marathon 2019. QSL #2

JAPAN, JA. Special event station 8J7AIZU is QRV until **November 30** to highlight the 120th anniversary of Aizu Wakamatsu City in Fukushima. QSL via JN7GLC.

PAKISTAN, AP. Special event call AP19CWC is QRV **until July 14** during the Cricket World Cup Radio Marathon 2019. QSL #2

CYPRUS, 5B. Special event call 5B19CWC is QRV **until July 14** during the Cricket World Cup Radio Marathon 2019. QSL #2

BULGARIA, LZ. Members of the Thracian Rose Club are QRV with special call sign LZ116RF until the **end of July** during the Rose Festival in Kazanlak. QSL via LZ1YE.

THAILAND, HS. Spcl event station HS10KING is QRV **until July 31** to commemorate the Coronation of King Vajiralongkorn Bodindra-debayavarangkun, King Rama X. Activity is on all bands and possibly satellites. QSL #2

UGANDA, 5X. Kazuo, 5X2B is QRV from Kampala to **July 2019** using 30 to 12 M using CW, SSB and RTTY. QSL direct to JA1PBV.

Long Term: (longer than 1 month)

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 SM0BYD.

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.

RWANDA, 9X. Alan, KE4TA will be QRV as 9X0TA from Kimihurura, Kigali [**until Aug. 5, 2020-ed**]. Activity will be holiday style on the HF bands. He is currently active on 20 and 17M using SSB, CW and digital modes. QSL via N4GNR.

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 May 7, 2019

Attendance: 16

| | | |
|------------------------------------|---|-----------------|
| | Starting Lunch Kitty: | \$175.00 |
| Expenses: Pizza(1) & Salads | \$89.00 | |
| Drinks: Soda: 7 @ 0.32 = | \$2.25 | |
| Water 2 @ 0.25 | \$0.50 | |
| <u>Cookies 1 bucket @</u> | <u>\$4.00</u> | |
| | Food Total: | \$95.75 |
| Income: Lunch: | \$97.25 | \$176.50 |
| <u>Room Rent-To General Funds:</u> | <u>\$0.00</u> | <u>\$176.50</u> |
| | Starting - Kitty for May 21 st , 2019 Mtg: | \$176.50 |
| | <u>[Gain of \$1.25 - \$20.00 for room rent = Loss of \$18.75]</u> | |

Lunch Financials – for May 21, 2019

Attendance: 19

| | | |
|------------------------------------|---|-----------------|
| | Starting Lunch Kitty: | \$176.50 |
| Expenses: Pizza(4) & Salads | \$104.00 | |
| Drinks: Soda: 10 @ 0.30 = | \$3.00 | |
| <u>Water 1 @ 0.25 =</u> | <u>\$0.25</u> | |
| | Food Total: | \$107.25 |
| Income: Lunch: | \$108.75 | \$178.00 |
| <u>Room Rent-To General Funds:</u> | <u>\$0.00</u> | <u>\$178.00</u> |
| | Starting - Kitty for June 18 st , 2019 Mtg: | \$178.00 |
| | <u>[Gain of \$1.50 - \$20.00 for room rent = Loss of \$18.50]</u> | |

Lunch Financials – for June 7, 2019

Attendance:

| | | |
|------------------------------------|---|-----------------|
| | Starting Lunch Kitty: | \$178.00 |
| Expenses: Pizza(1) & Salads | \$102.00 | |
| Drinks: Soda: 10 @ 0.35 = | \$3.50 | |
| <u>Water 2 @ 0.25 =</u> | <u>\$0.50</u> | |
| | Food Total: | \$106.00 |
| Income: Lunch: | \$111.00 | \$183.00 |
| <u>Room Rent-To General Funds:</u> | <u>\$0.00</u> | <u>\$183.00</u> |
| | Starting - Kitty for July Mtg: | \$183.00 |
| | <u>[Gain of \$5.00 - \$20.00 for room rent = Loss of \$15.00]</u> | |

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, 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 (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>

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 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:

4 PM PDT Thur July 25 (2300 UTC) – on CW Frequencies listed above, 10 to 40 WPM

7 PM PDT Wed Aug 7 (0200 UTC Aug 8)

1 PM PDT Thur Aug 22 (2000 UTC)

West Coast (Hawai'i) Qualifying Runs:

9 PM PDT Tues July 30 (0400 UTC July 31) by KH6TU, Maui on 14,047.5 kHz

9 PM PDT Wed Aug 28 (0400 UTC Aug 29) by K9JM on 3590 & 7047.5 kHz

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 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.
