



The Transponder



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

May 17, 2019 Repeater 445.620 – PL 127.3 Web Site: <http://W6HA.com> Vol. XLVI, No. 5

Meeting Notice:

Where: El Segundo Library - Friends of the Library Conference Room
Location: 111 Mariposa Ave (near Main Street) , El Segundo, CA 90245
Date: Tuesday, May 21, 2019
Time: Gather, 11:30; Meeting: 12 to 1 PM

Featured Presentation:

Disaster Amateur Radio

by LAX Section Manager Diana Fienberg, AI6DF

Up Coming Events:

June 21 – 23 – ARRL Field Day (Location - Hopkin’s Wilderness Park, Pine Campground, Redondo Beach)
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 So. 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 Veggi; 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)

Web Site: W6HA.com/w6ha

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

Club News:

Nominating Committee - Voting

The Nominating Committee has been busy coming up with the Slate of officers for the **2019 – 2020 year**. So at this meeting it is time to vote.

To allow most of the meeting for our Section Manager, Diana Fienberg’s presentation, upon arrival at the meeting you will be presented a ballot to vote on the contested office. Mark the ballot and place it in the nearby container. The nominating committee will, quietly tally the votes during the meeting. At some point, during a convenient break, or at the end of the meeting the results will be announced.

Slate for 2019 - 2020	
Current Officers	Nominees 2019-20
<u>President</u> Mike, N6MDV	Mike, N6MDV
<u>Vice President</u> Raul, KM6NRL	Richard, KM6FP Raul, KM6NRL
<u>Secretary</u> Judi, KI6TKT	Judi Jensen
<u>Treasurer</u> Paul, KK6TAC	Alice, KK6MFL
<u>Station Manager</u> Brian, AB6UI	Brian, AB6UI
Committee Chairpersons	
Web Master	Mike, N6MDV
Yahoo Groups	Richard, KM6FP
Membership	Dale, WB6MMQ
SCRRBA Rep.	Ray, WA6NVL
Meeting Host	Dale, WB6MMQ
Asst. Host	Howard, WE6MAK
Newsletter Editor	Dale, WB6MMQ
Class Moderator	Mike, N6MDV
Net Coordinator	Raul, KM6NRL
Field Day Chair	Mike / Dale / Brian
Jet to Jetty Coor.	Dale, WB6MMQ, Betty, N6VZF, NCS
Sean O'B Coor.	Dale, WB6MMQ
Ray Miller Coor.	Dale, WB6MMQ
Ant. Trailer - Coor	Dale, WB6MMQ
RTN Lot T - Coor.	Ken, KI6YDN

Speaker for May 21 meeting: LAX Section Manager, Diana Fienberg, AI6DF

Topic: Disaster Amateur Radio

One of amateur radio’s founding pillars is to provide public service communication during emergencies or disasters. In return for this expectation amateur radio has been given a large swath of radio spectrum—free of charge—ranging from 135 kHz (below the AM Broadcast band) up to beyond 275 GHz for emergency communication, DXing, experimentation, personal communication, and many other non-commercial uses.

Here in Los Angeles County numerous government-affiliated disaster amateur radio groups are ready to serve public needs when necessary. The W6HA's May 21 meeting will provide a tour through the various disaster ham radio groups in L.A. County by explaining the respective agencies served, the membership of each group and its assets, plus the steps many of these groups have recently been taking for interoperability with each other.

Presenting this from a unique perspective is Diana Fienberg, AI6DF, who is active on several emergency communications fronts. She has been very active since 2006 in the Los Angeles County Disaster Communications Service—the volunteer emergency communication organization overseen by the Los Angeles County Sheriff’s Department—that interfaces with many city radio groups and between Sheriff’s Stations. Diana has served as head of the Lomita Sheriff Station’s DCS group since mid-2009 and in mid-2015 also became the countywide DCS Training Officer and member of the DCS Administrative Staff. In 2016 the Lomita Station’s DCS group absorbed the South Los Angeles Sheriff Station’s DCS function (formerly Lennox Station) to provide coverage throughout all 14 South Bay cities comprising Area G of the Los Angeles County Operational Area. Diana is also a member of the PVAN radio group serving Rancho Palos Verdes and as ARRL Los Angeles Section Manager is Interim District Emergency Coordinator for the ARRL’s ARES LAX-South District centered in Long Beach.

While there are numerous government-affiliated disaster amateur radio groups in L.A. County there are substantial differences among them in training, readiness, frequencies, and area coverage. This

presentation will address many of these issues as well as spectrum chaos that might spontaneously unfold in a wide-area disaster across the County. We hope you can attend our May 21 meeting.

HNLB-Hughes Net Lunch Bunch - 5/7/19

Friends,

The May HNLB lunch was attended by 6 of us: Deryl, N6AIN; Al, W6IVO; Dick, W1MII; Dale, WB6MMQ; Dick, W6RFI; and Betty, N6VZF.

As usual, there was a wide range of topics discussed and, as usual, I don't remember what they all were. Perhaps I should take minutes. But, no, I'm usually too busy participating (and eating). I do remember that the quiet bands were one topic - "Why are the bands open/full on Field Day and empty otherwise?"

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: May - June

CQ World Wide WPX CW – May 25 – 26

This is the second largest CW contest of the year. Last year 4,242 logs were submitted from every corner of the world. This year, activity may reach historic levels on the low bands. This is a great contest for small stations running barefoot with limited antennas. All contacts count for points, even within one's own country and new prefixes count as multipliers no matter whether the station is down the street or across the world. Ref. Pg 83 CQ Magazine. Rules at www.cqwp.com.

ARRL June "VHF" Contest – June 8 – 9 (1800 UTC Sat. June 8th thru 0300 UTC Mon. June 10th (Sunday evening 0800 PDT) It is an "all-mode" contest, so you can try FT8 when the bands are slow or dead. It's really All bands from 50 MHz and up. There are many features of this contest intended to make it interesting for the casual participant. See www.arrl.org/june-vhf for the rules.

ARRL Letter – Excerpts of possible interest

Radio Amateurs to Demonstrate Emergency Messaging Capabilities for Red Cross, FEMA

Just days ahead of the 2019 hurricane season, dozens of hams along the US



East Coast will demonstrate Amateur Radio's ability to deliver messages without commercial power, infrastructure, or permanently established stations for officials of the American Red Cross and the Federal Emergency Management Agency (FEMA). The Thursday, May 23, event will take place in coordination with ARRL, during a joint meeting with Red Cross and FEMA officials in Baltimore. The demonstration will be a mock response to a simulated disaster scenario -- a major hurricane with mass casualties striking the east coast. Amateur Radio operators at portable stations from New England to the Carolinas will deliver messages to W1AW, which will then coordinate and deliver the information to officials attending the joint FEMA-Red Cross meeting in Baltimore.



Messaging will be handled using digital modes, which can allow for the transmission of images as well as text, as a showcase for the full range of modern Amateur Radio technology. The American Red Cross will also have a NexGen Emergency Response Vehicle parked at W1AW in Connecticut as part of the training exercise, which will take place from 1330 to 1530 UTC.

ARRL and its members have a long history of working with emergency response agencies, such as the American Red Cross and FEMA, to provide or support communication in times of disaster for [served agencies and partners](#). A principal served agency, the Red Cross shelters, feeds, and provides emotional support to victims of disasters.

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FCC is Not Reinstating a Vanity Call Sign Fee

An erroneous report this week suggested that the FCC planned to again impose an Amateur Radio vanity call sign application (regulatory) fee of \$70 for the 10-year term. This incorrect conclusion resulted from an incomplete reading of the May 7 FCC *Notice of Proposed Rulemaking (NPRM)* in the matter of the assessment and collection of regulatory fees for fiscal year 2019.



Although the Schedule of Regulatory Fees does show a \$7 annual fee for Amateur Radio vanity call signs, a boldface heading in that section of the *NPRM* states, "**REGULATORY FEES. This section is no longer in effect as it has been amended by RAY BAUM'S Act of 2018...**" Section 9(e)(2) of RAY BAUM'S Act gives the Commission discretion to exempt a party from paying regulatory fees when the FCC determines that the cost of collection exceeds the amount collected. A new section 9(e)(1) incorporated the Amateur Radio vanity fee exemption from FCC rules into the statute.

The *NPRM* makes clear in several other places that regulatory fees no longer apply to Amateur Radio licenses. The FCC eliminated the regulatory fee for Amateur Radio vanity call signs in 2015.

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/>

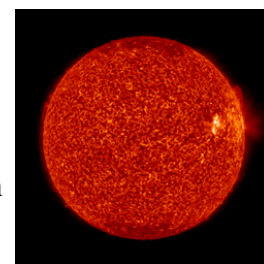
Amateur Radio Roundtable will Livestream 50 Hours of Dayton Hamvention®. [Amateur Radio Roundtable](#) and host Tom Medlin, W5KUB, will be back at Dayton Hamvention to [livestream](#) the activity and action before, during, and after the May 17 - 19 event. Amateur Radio Roundtable's show coverage will go live on Thursday, May 16, and continue through the weekend. "This is a big event and we have viewers in about 150 countries," Medlin said. "Astronaut Doug Wheelock, KF5BOC, will join us again for the 7th year as cohost. Join in the live chat room." [More information](#) is on the W5KUB Facebook group.

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The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Sunspot activity continues, and this reporting week, the average daily sunspot number rose from 16.1 to 22.7, while average daily solar flux went from 73.5 to 75.7. The two sunspot groups that appeared on May 3 & May 6 are fading fast and rotating off the visible solar disc. Two geomagnetically active days occurred on May 11 & 14, when the planetary A index reached 25 & 36.

Predicted solar flux is 72 on May 16 - 18; 70 on May 19; 68 on May 20 - 22; 67 on May 23 - 29; 70, 72, 74, and 76 on May 30 - June 2; 77 on June 3 - 11; 75 on June 12; 72 on June 13 - 14; 70 on June 15; 69 on June 16 - 17; 68 on June 18; 67 on June 19 - 25, & 70, 72, 74, & 76 on June 26 - 29.



Predicted planetary A index is 28, 20, and 8 on May 16 - 18; 5 on May 19 - 27; 10, 12, 8, and 10 on May 28 - 31; 5 on June 1 - 15; 8 on June 16; 5

on June 17 - 23; 10, 12, 8, & 10 on June 24 - 27, & 5 on June 28 - 29.

On May 10, Jeff, N8II, in WVA reported a sporadic-E opening on 10M. Also on May 10, Jon, N0JK, reported 6M sporadic-E openings from Kansas.

Sunspot numbers for May 9 - 15 were 25, 24, 26, 24, 23, 24, and 13, with a mean of 22.7. The 10.7-centimeter flux was 76.2, 76.3, 78, 76, 74.7, 74.4, and 74, with a mean of 75.7. Estimated planetary A indices were 7, 7, 25, 4, 6, 36, and 6, with a mean of 13. Middle latitude A index was 8, 7, 19, 5, 5, 23, and 8, with a mean of 10.7.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service web page, [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

- May 17 - 19 -- Portuguese Navy Day Contest (CW, phone, digital)
- May 18 -- Feld Hell Sprint
- May 18 -- UN DX Contest (DX, phone)
- May 18-19 - NZART Sangster Shld Contest (CW)
- May 18 - 19 -- His Majesty the King of Spain Contest, CW
- May 18 - 19 -- EU PSK DX Contest
- May 18 - 19 -- Aegean RTTY Contest
- May 18 - 19 -- Baltic Contest (CW, phone)
- May 20 -- Run for the Bacon QRP Contest (CW)
- May 22 -- SKCC Sprint (CW)
- May 22 -- RSGB 80M Club Championship (Dig)
- May 25 - 26 – CQ WW WPX Contest (CW)

June 8 - 10 ARRL VHF Contest – All Modes

June 22 – 23 ARRL Field Day

Sept. 28 – Oct. 2 WWV Centennial Special Event

All dates & times, unless otherwise stated, are UTC.

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

May 31 - June 1 -- [Arizona State Convention](#), Prescott, Arizona

May 31, 2019 [Northwestern Division Convention](#), SEA-PAC Seaside Oregon

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

THIS WEEKEND ON THE RADIO.

The NCCC RTTY Sprint, NCCC Sprint, UN DX Contest, NZART 80-Meter CW Sangster Shield Contest, Portuguese Navy Day Contest, His Majesty King of Spain CW Contest, EU PSK DX Contest, Aegean RTTY Contest, Feld Hell Sprint and the Baltic 80-Meter Contest are all on tap for this upcoming weekend.

The Run for the Bacon QRP Contest is scheduled for May 20.

The CWops Mini-CWT Test, RSGB Club 80-Meter Data Championship, SKCC CW Sprint and Phone Fray are scheduled for May 22.

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.

Please see May 2019 QST, page 84, and the ARRL and WA7BNM Contest Web Sites for details.

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

ARLD020 DX news

This week's bulletin was made possible with information provided by HA0HW, M0GAE, The Daily DX, The OPDX Bulletin, 425 DX News, DXNL, QST's Contest Corral, the ARRL Contest Calendar and WA7BNM websites. Thanks to all.

CUBA, CO. Members of the Grupo Especial de Expediciones y Concursos are QRV as T43A until **May 20** to celebrate the club's first anniversary. Activity is on 80 to 10 meters using CW, SSB and FT8. QSL via LoTW.

LIBERIA, EL. Dickson, EL2DT has been QRV on 20 meters using CW around 1830z. [Listed May17,

2019- ed] QSL via EL2FM.

WALLIS AND FUTUNA ISLANDS, FW. Nobby, G0VJG is QRV as FW5JG from Wallis Island, IOTA OC-054, **until May 22**. Activity is on 40 to 10 meters using SSB and FT8. This includes the possibility of a short side trip to Futuna Island, IOTA OC-118. QSL via M0OXO.

REUNION ISLAND, FR. Thomas, F4HPX is QRV as FR/F4HPX from Saint Denis **until June 5**. Activity is holiday style on 40, 20 and 15 meters using SSB, FT8 and some CW. QSL #1

ENGLAND, G. Members of the Tynemouth ARC are QRV as G50NWM from Mull **until May 24**. Activity is on the HF bands using CW, SSB, RTTY and FT8 in DXpedition mode, with up to four stations active. This includes Satellite activity as well. QSL via M0URX.

JERSEY, GJ. Operators ON5HC, ON7PQ, ON4KZ, ON5DZ and ON8AZ plan to be QRV as MJ/OQ7A/p from the Minkies Islands, IOTA EU-099, **from May 25 to 31**. Activity will be on 80 to 10 meters using CW, SSB and various digital modes. QSL via ON8AZ.

ALASKA, KL. Henry, NL0H is QRV as NL0H/p from St. Lawrence Island, IOTA NA-040, **until May 19**. Activity is on 30 and 20 meters using SSB and FT8. QSL via operator's instructions.

NORWAY, LA. Waldi, SP7IDX is QRV as LA/SP7IDX from Store Molla, Lofoten Islands, IOTA EU-076, until May 29. Activity is on 40 to 10 meters using SSB and FT8. QSL #1

ARUBA, P4. Operators Ben, DL6RAI, Martin, DL5RMH and Philipp, DK6SP will be QRV as P4/DL6RAI, P4/DL5RMH and P4/DK6SP, respectively, **from May 18 to 29**. Activity will be on 160 to 6 meters using CW, SSB and possibly various digital modes. QSL #2

GREECE, SV. Laci, HA0HW will be QRV as SW8WW from Thassos Island, IOTA EU-174, from **May 23 to June 5**. Activity will be on 40 to 6 meters using mainly CW, with some SSB, RTTY and PSK. This includes an entry in the upcoming CQ World Wide WPX CW contest. QSL #1.

PALAU, T8. Operators JM1LRA, JI6IHG and JA7WFT are QRV as T88TA, T88IH and T88FT, respectively, from Koror Island, IOTA OC-009, until May 24. Activity is on the HF bands and 6 meters using CW, SSB and various digital modes. QSL #1.

TURKS AND CAICOS ISLANDS, VP5. Operators K2SX, K4BAI, K4QPL and KK4R will be QRV as VP5/homecalls from Harbour Rock Villa on Providenciales Island, IOTA NA-002, from **May 21 to 28**. Activity will be on 160 to 10 meters using CW, SSB and various digital modes. QSL #1.

CAMBODIA, XU. Franco, IU0CRW is QRV as XU7AKP while working in Siem Reap. Activity is on 80 to 10 meters using CW and SSB. [listed May 17, 2019 – ed] QSL via IW3SNW.

ROMANIA, YO. Members of the YO6KNE radio club are QRV with spl event call sign YR19PFS **until June 15** to commemorate the visit to Romania of Pope Francis. QSL via LoTW.

FIJI, 3D2. Nobby, G0VJG is QRV as 3D2AS **from May 20 – 22** on 40 to 10M using SSB & FT8 in DXpedition mode. QSL via M0OXO.

CROATIA, 9A. Jan, PA4JJ is QRV as 9A/PA4JJ **until June 5**. Activity is holiday style on 40 to 10 meters using mainly FT8. QSL to home call.

SPAIN, EA. Members of the Radio Club de las Fuerzas Armadas Espanolas will be QRV with special call sign EG1FAS from **May 4 to June 2** to commemorate Spain's armed forces. QSL via EA1ADP.

THAILAND, HS. Spl 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

FEDERAL REPUBLIC OF GERMANY, DA. Special event station DL19JDAY is QRV **until May 26** to commemorate Japan Day, a German/Japanese festival being held in Duesseldorf. QSL via DK7TX.

JAPAN, JA. Special event station 8J1ITU will be QRV from Honshu Island, IOTA AS-007, from **May 1 to 31** to celebrate the anniversary of the founding of the International Telecommunications Union. QSL via bureau.

BULGARIA, LZ. Members of the Bulgarian Radio Club Blagovestnik are QRV with special call LZ497OM **during May** to honor Orthodox saints. QSL via bureau.

PERU, OA. Michael, AC0PR plans to be QRV as OA3/AC0PR from Chimbote from **May 5 to 14**. Activity will be in his spare time 40 to 15M using only CW and QRP power. QSL #1.

SLOVAK REPUBLIC, OM. Special event stations OM83IHWC and OM2019IIHF are QRV **during May** to mark the 83rd Men's World Ice Hockey Championships. Activity is on the HF and VHF bands. QSL via OM2FY.

SOMALIA, T5. Ali, EP3CQ will be QRV as 6O1OO beginning **April 15 to May 15**. Activity will be mostly on 40 and 20M using FT8. QSL #2

IoTA (Islands on The Air) - 2019

MALDIVES, 8Q. Nobu, JA0JHQ and Ted, JA7XBG plan to be QRV as 8Q7NH and 8Q7XB, respectively, from Embudu Island, IOTA AS-013, from **May 7 to 10**. Activity will be on 160 to 6 meters using CW and FT8. QSL #1

WALLIS AND FUTUNA ISLANDS, FW. Nobby, G0VJG will be QRV as FW/G0VJG from Wallis Island, IOTA OC-054, from **May 6 to 20**. Activity will be on 60 to 6M using SSB and FT8. QSL via M0OXO.

Long Term: (longer than 1 month)

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.

UKRAINE, UR. Special event station EN185UNIV will be **QRV from April 15 to Dec. 31** 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.

ANTARCTICA

[Summer Season November – April]

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

DEMOCRATIC REPUBLIC OF CONGO, 9Q. Fernando, EA4BB is QRV as 9Q6BB from Kinshasa until [**May 2019-ed**] 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.

Until 2020

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

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.

Notes:

1. QSL direct to home call.
2. QSL via operators' instructions.
3. QSL via bureau
4. QSL via LoTW

Lunch Financials – for April 2019

Attendance: 16

	Starting Lunch Kitty:	\$180.50
Expenses: Pizza(4) & Salad		\$110.00
Drinks: Soda: 8 @ 0.31 =		\$2.50
Water 0 @ 0.25		\$0.00
Food Total:	\$112.50	\$68.00
Income: Lunch:	\$107.00	\$175.00
Room Rent-To General Funds:	\$0.00	\$175.00
Starting - Kitty for May 7 th , 2019 Mtg:		\$175.00
<u>[Loss of \$5.50 - \$20.00 for room rent = Loss of \$25.50]</u>		

Lunch Financials – for May 7, 2019

Attendance: 16

	Starting Lunch Kitty:	\$175.00
Expenses: Pizza(4) & Salads		\$89.00
Drinks: Soda: 7 @ 0.32 =		\$2.25
Water 2 @ 0.25		\$0.50
Cookies 1 bucket @		\$4.00
Food Total:	\$95.75	\$79.25
Income: Lunch:	\$97.25	\$176.50
Room Rent-To General Funds:	\$0.00	\$176.50
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>		

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 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>

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:

6 AM PDT Fri May 24 (1300 UTC) – on CW Frequencies listed above, 10 to 40 WPM

West Coast Qualifying Runs:

9 PM PDT Wed May 29 (0400 UTC May30) by K9JM on 3590 & 7047.5 kHz – 10 to 35 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 for beginning operators 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 W6HA_President at W6HA.com
VICE PRESIDENT: Raul, KM6NRL W6HA_VicePresident at W6HA.com
SECRETARY: Judi, KI6TKT W6HA at W6HA.com
TREASURER: Paul, KK6TAC W6HA_Treasurer at W6HA.com
STATION MANAGER: Brian, AB6UI W6HA_StationMgr at W6HA.com
PAST PRESIDENT: 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
FIELD DAY : Mike, Dale, Brian W6HA at W6HA.com
MEMBERSHIP: Dale, WB6MMQ W6HA at W6HA.com
YAHOO GROUPS MOD: Richard KM6FP
CLASS MODERATOR: Mike, N6MDV W6HA_Class 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

YAHOO GROUPS: <http://groups.yahoo.com/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 consists of former, or retired employees of the Hughes Aircraft Company, Boeing and Raytheon companies in El Segundo. Membership is open to all Amateur Radio Operators and those who are aspiring Amateur Radio operators.
