



The Transponder



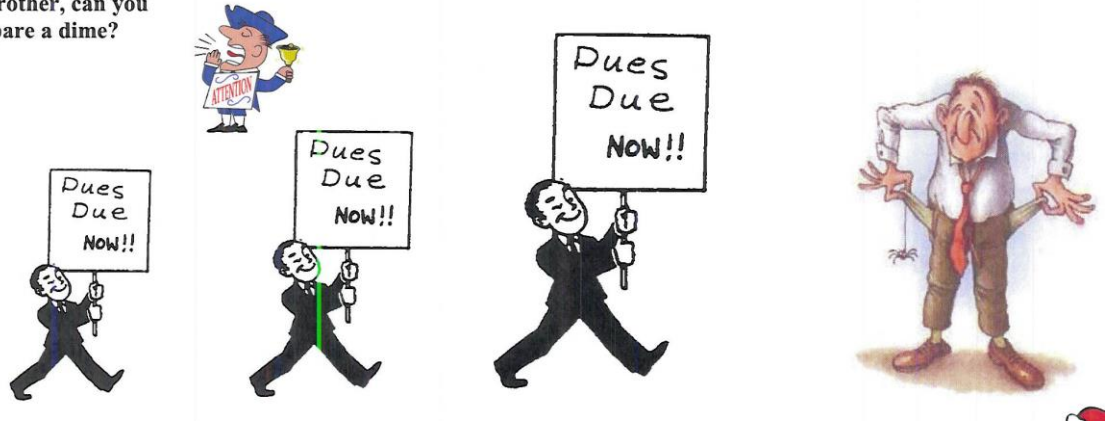
The monthly newsletter of the Hughes Amateur Radio Club, W6HA
- An ARRL affiliated club -

July 14, 2017 Rptr 445.620 – PL 127.3 Web Site: vsummits.com/W6HA Vol. XLIV, No. 7

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

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

Brother, can you spare a dime?



Meeting Notice: Date: Tuesday, July 18, 2107 (3rd Tuesday)

Presentation: Field Day Results by Mike, N6MDV

Up Coming Events:

July 1st Dues are Due for 2017 – 2018 (If you joined after Jan 1st 2017 your good till June 2018)
Sunday, 27 August – Jet to Jetty 5/10 K Race.
September 15 - 17, 2017 HamCon – Torrance Marriott

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Lunch: Pizza will be available at 11:55: 1 Large Pepperoni, 2 Large Olive and Mushroom (\$3.50 per slice)
Prices 2 slices of pizza w/salad, \$7; 1 slice of pizza w/salad \$4; Salad only \$1.00
Sodas: Coke, Coke Zero, Ginger Ale & water (\$1 each)

Web Site: vsummits.com/w6ha

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

Club News:**Field Day Results**

The club had a great Field Day! Setup proceeded nicely and after a little fiddling with power, all stations were on the air by 10 AM, giving us about one hour to warm up the frequency and make any final antenna measurements.

Clean up also went very well, with plenty of hands to share all the tasks. We were all packed up and departing the park by about 2:30 PM. One Ham later told me that he came by to help clean up only to find that we had already departed the park. Operating was another story. We were short-handed for operators most of the time. Brian, AB6UI, was getting horse after a long stint on 20 meters and suggested that the club invest in a voice recorder.

As expected, 15 meters was not great on Saturday and so I figured I could not do much worse on CW. I found only one station calling CQFD but he was moving along at too fast a clip for me. So I slid up 2 or 3 hundred cycles from him and called CQFD at about 10 WPM. After a bit the station below me actually changed to my frequency, slowed down and worked me, which goes to show how slow it was on 15 meters. So that is how I finally worked my first ever CW QSO on Field Day.

About 7:30 or 8 PM eighty meters opened up. I could work them as fast as I could log them. I needed a good logger (Nancy, KK6JFH helped for a while) or a hands free setup so I could just do direct entry into the computer. 80 was hot well into the night and early AM. At about 3 AM I had two and half pages of notes to put into the computer and was getting too punchy to continue so, went to bed. Therefore, we missed the 80 meter action from 3 AM to Sun up.

However, there was an opening on 15 meters on Sunday morning from about 8:30 to 10:30 for which Al, AB6VO did the logging. After 10:30, it was like someone turned off a switch. One QSO was made from 10:30 to 11, even though Al, AB6VO, kept calling CQ the entire time.

20 meters was going strong most of time although it was also shut down in the wee hours for lack of operators. Forty meters did well while there were operators. It was the only station with significant CW QSOs (21).

Three new Techs, Bill, KM6HVK; Kirk, KM6ICK and Nancy, KK6JFH operated the GOTA station and racked up 39 QSOs. However, we did miss getting a youth operator for the station and those bonus points. Since Field Day several have pointed out that our score might have been as much as 50% higher with a minimum of five, or more, technician or other inexperienced operators, and some coordination with the other HF stations. More thinking to be done on this.

Thanks to Betty, N6VZF, not only the logging and network software operated flawlessly, but she picked up Sub-Way sandwiches for lunch and dinner, not to mention the donuts for Sunday breakfast. Of course, Brian, AB6UI was Johnny on the spot, with coffee both days, not to mention my Saturday AM egg McMuffin. Saturday morning Danish and Donuts were also provided by Dale, WB6MMQ and Jeff, N6TPN. Between all that and the Depression Era Baked Beans, nobody went away hungry and a good time was had by all - - He says now, after sleeping for two weeks. Dale, WB6MMQ

HNLB–Hughes Net Lunch Bunch, 7/4/17

[The NNLB did not meet due to the Holiday. – ed]

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 meet on the 1st Tuesday of the Month - since the mid 70s - 40 years!

**W6HA - Hughes ARC – Board Meeting
June 2017**

Dale called the meeting to order at 1:15pm. There were no minutes from the May meeting due to Judi's planned absence.

There was discussion concerning Field Day preparations. The board agreed that there are sufficient funds to spend money on food for Field Day. Betty, N6VZF had agreed to take orders and pickup sandwiches etc. She has been further authorized to purchase group food at the club's expense. Suggestions were donuts for the morning, subway sandwiches for noon and El Polo chicken for Saturday evening.

Meeting was adjourned about 2:00. dgb

Brookhaven National Laboratory ARC Special Event

Dear HUGHES AMATEUR RADIO CLUB,

The Brookhaven National Laboratory Amateur Radio Club is hosting a special event to celebrate the Lab's 70th Anniversary. It is also the 100th Anniversary of Camp Upton Army camp, the property on which BNL resides. The BNLARC will operate beginning Sunday, July 16, 2017 and continue through Saturday, July 22, 2017. A Schedule of operating times and frequencies will be listed on our Special QRZ page at www.qrz.com/db/K2BNL. A copy of the special certificate is also viewable on this page. A link will be provided on this page for all contacts to request an email containing the pdf certificate back to you. Give us some time to enter all log entries into the certificate database.

For any additional information or questions please email k2bnl@bnl.gov.

We are looking forward to working as many clubs as we can. The Laboratory is holding a special Summer Sunday open to the community to kick this off - 10:00 AM to 3:00 PM. We will be on the air during this time period to start our week-long special event station - K2BNL - Listen for us.

ARRL 10 Meter Contest - Dec. 2016

Last December three members of the Club, Dale, WB6MMQ; Mike, N6MDV and Ron, AC6RW entered the ARRL 10 meter contest, in spite of the low sun spot numbers. We sent in our logs indicating that we were Hughes ARC members. In the published results, except for the top ten in each category, individual logs are not listed. But all club entries are listed and believe it or not, we were NOT LAST on that list. With a score of 3,646, we were Second - - from the bottom. There were very interesting other results from that contest.

There was a Double Hop Es opening from Washington state all the way into Florida. Also, apparently an F2 opening from the San Francisco area into the New England states and also, Florida into the upper Midwest.

Reports from various Hams indicated that openings were often brief. If you just sat and listened, there

is a good chance that you miss it. As it turns out, calling CQ on a dead sounding band is how you may find out that the band is actually open. If everyone is listening and no one is calling CQ, you'll never know that the band is actually open.

Here are some interesting time laps videos of QSOs as they happen during the two days.

E-Cloud Drift: <https://vimeo.com/213927996>

Day 1 QSOs: <https://vimeo.com/213927084>

Day 2 QSOs: <https://vimeo.com/213927356>

Enjoy, Dale

ARRL Letter – excerpts of possible interest

Group Selected to Pursue DXpedition to Baker Island National Wildlife Refuge

The Pacific Islands Refuges and Monuments Office of the US Fish and Wildlife Service ([FWS](#)) has selected the Dateline DX Association ([DDXA](#)) -- the DXpedition group that activated Howland Island in 2009 and Wake Island in 1998 -- to pursue a DXpedition to Baker Island. Dates have not yet been determined. Baker and Howland Islands (KH1) are part of the Pacific Remote Islands Marine National Monument ([PRIMNM](#)), created by former President George W. Bush in 2009. Baker and Howland is the fourth most-wanted DXCC entity on Club Log's [DXCC Most Wanted List](#).

The group will announce planned activation dates and other details once a vessel has been selected and the



FWS has approved the vessel and dates. DDXA co-leaders are Don Greenbaum, N1DG; Tom Harrell, N4XP, and Kevin Rowett, K6TD.

In early June, the FWS agreed that a DXpedition to Baker Island would be an acceptable use of the Baker Island National Wildlife Refuge, but detailed strict conditions under which it would issue a special use permit (SUP) to allow such use. Earlier this year, the FWS conducted a [Compatibility](#)

[Determination](#) for Amateur Radio operation on the ecologically sensitive island refuge. Baker Island is 1,830 nautical miles southwest of Honolulu -- an 8-day voyage.

"While...not a wildlife dependent public use according to National Wildlife Refuge Administration Act of 1966, as amended, Amateur Radio operation is a use that assists in the management of the resources indirectly," the FWS said in its *Compatibility Determination*, released on June 8. A DXpedition to the refuge may last up to 14 days, with only 12 days of radio operation and allowing time for setup and breakdown on each end of the visit.

WRTC 2018 Teams Prep in Europe for the Big Event

There's no substitute for being there, and for elite contester and [WRTC 2018](#) participant Tim Duffy, K3LR, and other competitors, this meant traveling to Germany, where WRTC 2018 will take place in 1 year, in part to prepare for the big show. Duffy said getting on the air from Germany during the International Amateur Radio Union (IARU) HF Championship this past weekend provided an opportunity to test the waters, so to speak, by making sure that equipment works as it should, that propagation from Europe is understood, and that he and his teammate Sandy Raeker, DL1QQ/N0QQ, have a good shot at winning.



"I have operated in four past WRTCs, but I have never prepared to this detail in the past," Duffy told ARRL. "So, taking a page from the K3LR multi-multi book (constant preparations), I am preparing with DL1QQ as never before." He and Raeker will

be the first male-female team in the history of the WRTC. During the IARU, he and Raeker operated as DR8A with 100 W in the Multioperator, Two Transmitter (M2) category during the IARU contest. M2 is not a WRTC category.

"The operating experience here in Germany is much different than in the US," Duffy said. "Band conditions are very different, and operating patterns from participants as well. Having this

contest under our belt, we have many changes now to make, to prepare for the big event next year."

Several other teams also took advantage of the 2017 IARU event to operate from Germany in preparation for WRTC 2018. Other active call signs of WRTC 2018 prep teams included DM2M, operated by Dan Craig, N6MJ, and Chris Hurlbut, KL9A, and DR5F, operated by John Crovelli, W2GD, and Bud Trench, AA3B. The three on-site teams plan will submit their logs to the IARU HF Championship as check logs.

Trench said he and Crovelli were the guests of the DARC OV H20 Peine Club. "They set up a station that was very similar to the design for WRTC 2018," he said. "We fully exercised our station design and operating plans. We learned a lot about propagation from Europe, which was somewhat different than we expected, particularly with respect to the timing of openings to various parts of the world."



Testing the waters from Europe: Tim Duffy, K3LR, and Sandy Raeker, DL1QQ.

Some other remote IARU operations, as well as

contest tests by the LY, ZL, and other DL teams, were also conducted. Nate Moreschi, N4YDU, is reported to have operated from Hungary.

WRTC 2018 [will be prominent](#) during Ham Radio 2017 in Friedrichshafen, Germany, this weekend (July 14-16). WRTC 2018 team member Chris Janssen, DL1MGB, will speak at Ham Radio's official opening. Inside the fairgrounds facility, they will have a booth as well as a WRTC-style portable station in the courtyard. A "Meet the WRTC" event at Ham Radio will feature competitors from the last 30 years, as well as sponsors and organizers. Read [more](#). -- *Thanks to Tim Duffy, K3LR; [The ARRL Contest Update](#)*

Centenarian ARRL Member Claiming Oldest Active Radio Amateur Crown

A 105-year-old ARRL member, Cliff Kayhart, W4KKP, of White Rock, South Carolina, is claiming the title of "World's Oldest Operating Ham." No official record of such milestones exists, but ARRL is not aware of any radio amateurs senior to Kayhart, and he is now quite likely the oldest active ham, at least in the US. Early this year, Charlie Hellman, W2RP, died at 106; he also may have been the longest licensed. Hellman outlived the former "oldest US ham," Harry Wolf, W6NKT, by 8 days. Wolf was a couple of weeks shy of turning 108. Kayhart now lives at The Heritage at Lowman Home. [QRZ.com profile](http://QRZ.com/profile).

Born in 1911, Kayhart was first licensed in 1937 as W2LFE in New Jersey. He then was W9GNQ before becoming W4KKP. Kayhart's interest in Amateur Radio began in the early 1920s, when he built a crystal radio. After modifying the inductor, he began hearing hams on AM. Read [more](#).

The K7RA Solar Update

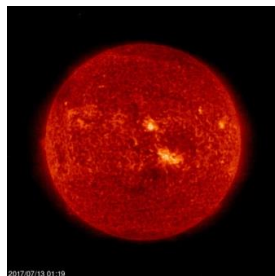
Tad Cook, K7RA, Seattle, reports: Average daily sunspot numbers were 28.3 during the July 6-12 reporting week, up from 8 during the previous week. Average daily solar flux increased from 71.7 to 87.

Average planetary A index rose from 7.1 to 9.1, and average mid-latitude A index bumped up from 8.3 to 9.6.

Predicted solar flux is 90 on July 13-16; 88, 85, & 80 on July 17-19; 85 on July 20-28; 90 on July 29-30; 85 on July 31-August 5; 87 on August 6-11; 85 on August 12-24, & 90 on August 25-26.

Predicted planetary A index is 5, 15, & 12 on July 13-15; 8 on July 16-17; 12, 8, & 5 on July 18-20; 11 on July 21-22; 5 on July 23-August 4; 25, 18, 12, 15, & 10 on August 5-9; 5 on August 10-13; 12, 10, & 5 on August 14-16; 11 on August 17-18, & 5 on August 19-26.

Twin Cities TV station KARE recently [aired a story](#) about the largest sunspot of 2017.



Sunspot numbers for July 6-12 were 16, 25, 24, 31, 32, 27, & 43, with a mean of 28.3. The 10.7-centimeter flux was 75.9, 79.5, 86.6, 90.9, 95.1, 91.1, & 90.2, with a mean of 87. Est. planetary A indices were 7, 5, 3, 28, 9, 8, & 4, with a mean of 9.1. Estimated mid-latitude A indices were 8, 5, 3, 26, 11, 9, & 5, with a mean of 9.6.

[Send](#) me your reports and observations.

This weekly Solar Update is a preview of the Propagation Bulletin issued each Friday. The [latest bulletin and an archive](#) of past propagation bulletins is on the ARRL website.

Just Ahead in Radiosport

- *****
- July 15 -- Russian Radio Team Championship (CW, ssb)
 - 7/15 - Trans-Tasman LHF Challenge (CW, ssb dig)
 - July 15 -- Feld Hell Sprint
 - July 15 -- DMC RTTY Contest
 - July 15-6 - [North American QSO Party](#) (RTTY)
 - July 15-6 - CQ WW VHF Contest (CW, ssb, dig)
 - July 16 -- RSGB Low Power Contest (CW)
 - July 17 -- Run for the Bacon QRP Contest (CW)
 - July 20 -- NAQCC CW Sprint (CW)
- All dates and times, unless otherwise stated, are UTC. See the [ARRL Contest Update](#), [WA7BNM Contest Calendar](#) and the [ARRL Contest Calendar](#) for more information.

ARRL Section, State and Division Conventions / Hamfest and Events, in the West:

- *****
- July 27-30 -- [Central States VHF Society Conference](#), Albuquerque, New Mexico

September 15-17 -- [Southwestern Division Convention](#), [HamCon](#), [Torrance](#), California

Find conventions and hamfests in your area.

Selected DX News (QRV = Ready! or Are you Ready?) This week's bulletin was made possible with information provided by CO7WT, QRZ DX, the OPDX Bulletin, 425 DX News, The Daily DX, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM. Thanks!

DX Stations QRV during the next month or so:
 GEORGIA, 4L. David, DL7ZM is QRV as 4L/DL7ZM **until July 20**. Activity is on 6 meters from grid square LN11. QSL via ADOPY.

ALGERIA, 7X. Members of the Algerian Radio Amateur Union are QRV as 7V5J until **July 30** in celebration of Algerian National Day. Activity is on all bands. QSL via 7X2DD.

MALDIVES, 8Q. Philip, G4PWO will be QRV as 8Q7PW from Fonimagoodhoo Island, IOTA AS-013, beginning **July 18** for two weeks. Activity will be on 40, 20, 17 and 15 M using mostly SSB & digital modes. QSL #1

BOTSWANA, A2. Neven, LZ1COM is QRV as A25NPD until **July 16**. Activity is on 40 and 20 M using SSB between 1800 to 2200z. QSL #1
 NORTH COOK ISLAND, E5. Warwick, E51WL is QRV from Penrhyn Atoll, OC-082, and is occasionally active using JT65. [no date-listed **July17-ed**] QSL #1.

BALEARIC ISLANDS, EA6. Andreas, DK5ON is QRV as EA6/DK5ON de Cala Ratjada on Mallorca, IOTA EU-004, **from July 17 to 31**. Activity on HF using CW, SSB, JT65, PSK et al digital modes. Also will activate the Lighthouse Cap de Pera, ARLHS BAL-010. QSL #2

REPUBLIC OF KOREA, HL. Michael, K5MDK is QRV as HL/K5MDK until **August 10**. Activity is mostly weekends from Changwon-ski on the HF using SSB and digital modes. QSL #1

CZECH REPUBLIC, OK. Special event station OL60SIENEL is QRV **until July 23** to celebrate the 60th anniversary of the Joseph Sienel Observatory in Losov. QSL #3

SWEDEN, SM. Special event station SC40VIC is QRV until the **end of 2017** to celebrate the 40th birthday of Crown Princess Victoria. QSL via SM6JSM.

CRETE, SV9. Jurg, HB9DQL is QRV as SV9/HB9DQL **until July 23**. Activity is holiday style on 40, 20 and 10 meters using CW. QSL#1

ASIATIC RUSSIA, UA0. Ops Vasily, R7AL, Vasily, RA1ZZ, Sergey, RW5D, Vladimir, RK8A & Stan, UA3LMR will be QRV as RI0C from Iony Island, IOTA AS-069, **July 18 to 22**. Activity on 40 to 10 M using CW, SSB, digital modes and satellites. QSL via R7AL.

ST. KITTS AND NEVIS, V4. John, W5JON is QRV as V47JA from Calypso Bay, IOTA NA-104, until **August 5** on 160 to 6 M, including 60 M. This includes being active in the upcoming RSGB IOTA contest. QSL direct to home call.

COCOS (KEELING) ISLAND, VK9C. Andy, VK9CC is active on 160 and 80 M using CW at various times. [no date-listed **July 2017**] QSL#1

INDONESIA, YB. Special event station YB0JARF is QRV on **July 15 and 16** to draw attention to the Jakarta Amateur Radio Fair 2017 being held in Ancol Beach City. Look for ops N7BHK, KJ6UZK and KY1A to be QRV as YB0/home calls de Jakarta during the Fair. QSL #2

VENEZUELA, YV. Special event station YW450ARV is QRV **during July 2017** to celebrate the 450th anniversary of the founding of the city of Caracas. QSL #2

CAYMAN ISLANDS, ZF. Ops Mike, NA6MB and Gayle, K6GO are QRV as ZF2NA and ZF2GO, respectively, from Grand Cayman Island **until July 16**. Activity is on 160 to 6 M. QSL both calls via K6GO.

BOLIVIA, CP. Antonio, EA5RM is QRV as CP1XRM until **August 14** while working as a NGO volunteer doing maintenance to the emergency radio network that both Solidaridad Medica and the Radio amateur Without Frontiers have on duty. Activity is on the HF using SSB and digital modes. QSL #1

ST PIERRE AND MIQUELON, FP. Eric, KV1J will be QRV as FP/KV1J from Miquelon Island, IOTA NA-032, from **July 4 to 18**. Activity will be on 160 to 6 M using SSB and RTTY with some CW and other digital modes. He plans to be active on the linear satellites & the upcoming IARU, NAQP RTTY, & CQ VHF Contests. QSL#1

CRETE, SV9. Ron, WB2GAI will be QRV as SV9/WB2GAI/p from **July 2 to September 29**. Activity will be on 80 to 10 meters. QSL #1

ANTIGUA, V2. Bill, KG4ZXN is QRV as V21XN during the **month of July**. Activity is on the HF bands using CW, SSB and various digital modes. QSL #1

BELIZE, V3. Look for David, KG5CCI to be active as V31CI from Ambergris Caye (NA-073), from **June 21 to 27**, including Field Day. Listen for him on Satellites, 6 M (digital and SSB) and possibly on HF bands. QSL direct to KG5CCI.

ISLE OF MAN, GD. John, G4SKA will be QRV as GD4SKA on the HF bands using RTTY and JT65 from **June 29 to July 9**. QSL via M0OXO (OQRS) or direct to his postal address.

ANTIGUA AND BARBUDA, V2. Tim, VE6SH will be QRV **July 23 to Aug. 7** as V29SH. Listen for his vacation style operation on 30 & 17M. QSL via VE6SH & LoTW.

ST. MAARTEN, PJ7. Operators K9UK, KK9N, W9AEB, W9KXQ and W9DR will be QRV as PJ7/home calls **until June 28**. Activity is on 80 to 10 M using CW, SSB and RTTY with two stations active. Look for PJ7/W9DR to be QRV on 6 meters as well. QSL to home calls.

GREECE, SV. Dave, SV8/GM0LVI/p will be operating holiday style **from June 16 to July 6 and August 31 to September 19**. He will be QRP. QSL direct or bureau to GM0LVI.

PALAU, T8. Ops T88FM (JM1LIG), T88HY (JL1HYH), T88MK (JO3LVG), T88NC (JI6NCY), T88RR (JA6UBY) and T88VV (JH6DUL) will be active from **June 16 to 23**. Ops is on HF and 6M using CW, SSB and RTTY. QSL direct only, to station call you work.

POLAND, SN. SN0RX will be an entry in the IOTA Contest **July 29 and 30**, with DJ0IF operating from EU-132, Wollin Island. QSL via SP8BXL.

THAILAND, E2. E2HQ will be on 6 M until **July 17**, including the CQWW VHF Contest. The Nat.

Assoc, RAST, got permission to operate on 6 M.

FRANZ JOSEF LAND, RI1. Eugene, UA4RX will be active as RI1FJ from Heiss Island (EU-019) starting sometime in **July until August 2017**. Activity will be on 160 to 10 meters using CW, SSB and digital modes. QSL via UA2FM, direct, ClubLog's OQRS or LoTW.

CHAGOS ISLANDS, VQ9. Jim, ND9M is QRV as VQ917JC from Diego Garcia Island, IOTA AF-006. His length of stay is **unknown – announced June '17**. He is gen-rally active from 1200 to 1600z, with a focus on 30, 20 and 17 meters. He may be active on the satellites as well. QSL#1

Long Term: (longer than 1 month)

MADAGASCAR, 5R. Jack, AI4SV plans to be QRV as 5R8SV from Antananarivo, IOTA AF-013. Activity will be on HF using mainly CW. QSL via G3SWH. [**Till 2017-Aug - ed**]

Until the end of 2017

UKRAINE, UR. Special event station EO25P is QRV until the **end of 2017** to celebrate the 25 years of the Volyn Amateur Radio League. QSL#2

NORWAY, LA. Spcl Event station LA1742K is QRV until **end of 2017** commemorating the 275th anniversary of Kristiansund. QSL via LA6K

BOSNIA-HERZEGOVINA, E7. The radio club of Zenica is QRV as E770BAB until the **end of 2017** for its 70th anniversary. QSL via E71Ezc.

UKRAINE, UR. Members of the Druzhkivka Club of Radio amateurs are QRV with special event call sign EN90IWA until the **end of 2017** to celebrates the club's 90th anniversary. QSL #2

BULGARIA, LZ. Members from the Headquarters of the Thracian Rose Club are QRV as LZ73TRC during **all of 2017**. QSL via LZ1YE.

BENIN, TY. Wynand, ZS6ARF is QRV as TY2CD **until end of 2017**. He will be on the HF bands using CW, SSB and digital modes. (QSL#1)

INDIA, VU. Special event station 8T1VWN is QRV **until the end of 2017** to honor K.R. Vasantha Kumar, VU2VWN. QSL via VU2ACC.

ANTARCTICA. Francois, F4HLT is QRV as FT3YL from the Dumont d'Urville Station Terre Adelie on Petrels Island, IOTA AN-017, until **February 1, 2018**. Activity is on 20, 15 and 10 meters using SSB and various digital modes in his spare time from 0900 to 1100z and after his work duties. QSL via F6KPB.

Until the end of 2018

ANTARCTICA. Alan, MW0YCC is QRV as VP8DPJ from the Rothera Research Station on Adelaide Island, IOTA AN-001, until **April 2018** while on work assignment. QSL #2

MARQUESAS ISLANDS, FO. Patrick, FO5QS will be moving to Hiva Oa Island, IOTA OC-027, and plans to be there for **many years**. [listed Oct. '16 – ed] Activity will be on all HF bands using CW, SSB and various digital modes. QSL #1.

Until 2019

MALI, TZ. Laurent, F5IXR is QRV as TZ5XR **until 2019**. Activity is on 40, 20, 17, 12 and 10 meters using mostly CW. QSL #1

DEMOCRATIC REPUBLIC OF CONGO, 9Q. Fernando, EA4BB is QRV as 9Q6BB from Kinshasa until [May 2019-ed] QSL#2

Until 2020

CHATHAM ISLANDS, ZL7. Chris, ZL2DX and Catherine, ZL2QT are QRV as as ZL7DX and ZL7QT, respectively, for the **next three years**. [until May, 2020 – ed] QSL #1

Notes:

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

Lunch Financials – June, 2017:

Attendance: 13

Lunch Kitty Balance on hand after June's expenses and income: **\$141.25**
More detailed accounting next month.

Ham Ads – None Submitted

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)

South Bay ARC (SBARC)

(<http://www.w6sba.org/>) Testing is at 9 am on the 2nd Saturday of EVEN months at Torrance Memorial Hospital in the West Tower

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 Bo 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/>

South Bay Amateur Radio Club license test

Joe Lanphen - WB6MYD

Email janphen@ca.rr.com

(310) 328-0817

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/>

<http://www.dxengineering.com>

<http://www.gigaparts.com/>

ARRL <http://arrl.org>

HARC Past Presidents

1973 Doug Erny, AK7E (former W6NPD)

1974 Orsen Just, K6JGV, sk

1975, 76 Tom Rothwell, K6ZT

1977 Tom McInnis, WB6ZEB, sk

1978,79 Sam Weise, W6LXR

1980 Bob Poole, AJ6F

1981 Russ Sanford, WA6NQO, sk

1982, 83 Chuck Lobb, KN6H

1984 John Bennett,

1985 Scott Fraser, KN6F

1986, 87 Ed Wagner, K6GQV

1988 John Swancara, WA6LOD

1989, 90 John Bonner, KJ6AW

1991

1992 Bruce Forestal, WB6ARE

1993 Rick Stenlake, KD6DYN

1994

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

2000,1,2 Bruce Shaphran, W6BLS

2004,5,6 Ed Gaitley, N6EG

2007 - 2015 Barry Colston, KG6NWJ

2016 – Dale Birmingham, WB6MMQ

PodCast – Amateur Radio News

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

Southern California Band Plans:

Tasma – 2 Meters

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

SCRRBA – all others

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

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
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
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

Frequencies (MHz)

CW:	1.8025	3.5815	7.0475	14.0475	18.0975	21.0675	28.0675	147.555
DIGITAL:	-	3.5975	7.095	14.095	18.1025	21.095	28.095	147.555
VOICE:	1.855	3.990	7.290	14.290	18.160	21.390	28.590	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 at the beginning of alternate speeds.

W1AW Qualifying Runs:

4 PM PDT Fri July 21 (2300 UTC) - on CW Frequencies listed above.

7 PM PDT Wed Aug 2 (0200 UTC Aug 3)

1 PM PDT Thur Aug 17 (2000 UTC)

West Coast Qualifying Runs:

9 PM PDT Wed Aug 23 (0400 UTC Aug 24) @ 3590 & 7047.5 kHz by K9MJ 10 - 40 WPM

The Straight Key Century Club (SKCC):

http://www.skccgroup.com/member_services/beginners_corner/

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

Section 1 - The Basics of Manual Morse Code

Section 2 - Basics of a CW QSO Pro-signs, Procedural Signals, and Abbreviations

Section 3 - A "Typical" CW QSO

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! (**And this month on New Years Eve.**)

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. Come one, come all.

2016 – 2017 CLUB OFFICERS**Officers:**

PRESIDENT: Dale, WB6MMQ W6HA at vsummits.com
VICE PRESIDENT: Steve, KI6GUY W6HA at vsummits.com
SECRETARY: Judi, KI6TKT W6HA at vsummits.com
TREASURER: Paul, KK6TAC W6HA at vsummits.com
STATION MANAGER: Brian, AB6UI W6HA at vsummits.com
PAST PRESIDENT: Barry, KG6NWJ W6HA at vsummits.com

Committees:

NEWSLETTER EDITOR: Dale, WB6MMQ, W6HA at vsummits.com
WEB MASTER: Mike, N6MDV W6HA at vsummits.com
SCRRBA REP: Ray, WA6NVL W6HA at vsummits.com
FIELD DAY Committee: HF1, AB6UI; HF2 WB6MMQ; VHF, Ray, WA6NVL@mac.com,
 HF3, Jeff, N6TPN, Jeffrey.Laing@Boeing.com;
 GOTA, Ron, AC6RW rcwagner@ieee.org;
 Paul, KK6TAC

MEMBERSHIP: Dale, WB6MMQ W6HA at vsummits.com
CLASS MODERATOR: Mike, N6MDV W6HA at vsummits.com
RAYTHEON SAS ECT: Ken, KI6YDN, W6HA at vsummits.com
CLUB REPEATER: W6HA/R 445.620 MHz (-) PL 127.3 Hz Location: Bldg. R1 roof
Packet (node :hughes) 145.61s W6HA
HAC HF NET: HARC & Retired 14.233 Mhz, Tuesdays, 13:00 PDT – Currently Inactive

EMERGENCY COMMUNICATIONS TEAMS

RES ECT Net: El Segundo, Thursdays at 12:05 pm, 445.620 MHz, PL 127.3 Linked to 146.550 (s)

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 Johnson, AB6UI)

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 Birmingham, dgbirmingham@gmail.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 secretary, Judi, KI6TKT.

Web Site: vsummits.com/w6ha <<http://vsummits.com/w6ha>>

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, Hughes Electronics, Hughes Space and Communications, Boeing and Raytheon companies in El Segundo. Membership is open to all Amateur Radio Operators and those who are aspiring Amateur Radio operators.
