



CLALLAM COUNTY
AMATEUR RADIO
CLUB

QTC
NOVEMBER 17

Dennis, AD7TV wanted to remind all members of nominations for all positions of the club officers and board members to include:

President
Vice-President
Secretary
Treasurer
Board Position 3

Please give this some thought and come to the meeting with your nominations and perhaps ready to volunteer for one of the open positions.

Thank you for your considerations.

Restoring a vintage table model radio Paul Honore W6IAM

When I teach the safety portion of the licensing class, I recommend that whether or not a newbie is interested in the technical aspects of radio, he or she ought to purchase and put away for future use a spool of electronically compatible solder with the expectation of sooner or later being asked to repair Aunt Tillie's ancient vacuum tube radio. The statement has come full circle to bite me. My youngest son recently came for a visit with two 1927 Atwater Kent model 40 radios and an RCA model 100A loudspeaker in tow. Proprietor of a landscaping business, he found them languishing in a customer's shed and, mistaking them for boat-anchor amateur radios, he thought I might be interested in restoring them. Interested? You bet. Upon finding out what they really were I was excited at the opportunity to re-live my misspent youth working with vacuum tube circuits again. Maybe if I could get at least one of the radios working, I could listen to nostalgic radio programs such as Amos and Andy, Allen's Alley, or maybe "Duffy's Tavern "where the elite meet t' eat, Duffy ain't here, Archy speakin'."

In its day, Atwater Kent was the Cadillac of radio receivers with a price to match. The model 40 sold for \$77 in the late '20s. I hesitate to think of what that translates into in today's currency. It is reported that a million model 40 radios were sold in 1927 but when the "great depression" hit, the market for high end receivers vaporized and was taken over by cheap Sears Roebuck, RCA and Zenith radios. The model 40 was simple, ingenious, and built like a battleship. A power supply and three stage TRF (Tuned Radio Frequency) circuit, followed by a grid leak detector and two audio amplifier stages are housed in a 17" X 10" X 7" steel cabinet. The seven vacuum tube monster weighs 38 pounds and requires a high impedance external loudspeaker, a ground connection and a long wire antenna. The ground and antenna wires must have been problematic to install in the average lath-and-plaster home of the day. The RCA speaker my son found is housed in a cast steel cabinet weighing another 12 pounds

To date, I have cleaned away multiple layers of dirt, evicted the creepy-crawlies that took up residence over the years and cannibalized one radio for one-of-a-kind parts that were missing or damaged in the other one. I located a supply of vintage grille cloth to replace the torn cloth in the speaker cabinet. On powering up, I find that only one vacuum tube filament lights--an evil omen. Troubleshooting will be a challenging winter project. I'll keep you posted on progress.



CCARC General Meeting 2017-10-11

1902 Call to order, pledge of allegiance, introductions all around

Motion to accept the minutes as published in the QTC, seconded and approved.

Motion to donate to ARRL Ham Aid in the amount of \$567.32, seconded and approved.

Presentation: Bob Sampson K6MBY: DX-ing on the Mesh Network
using the Sequim AREDN
Also live demo of Flex SDR by K6MBY

K7WWP presented Program Questionnaire results

KI7MZH requested a class on soldering

2030 meeting adjourned

CCARC Board Meeting 2017-11-01

KF7VZZ KG7WMZ K7WWP AD7TV N7XEI WA7EBH KD7WBM

1900 meeting called to order

Treasurer expects orders of coaxial cable to arrive soon.

K7MAE and AD7TV have been verifying equipment operation and conducting inventory, specifically as regards the club's Go-Boxes. The election of a new First Year Board Member will make inventory easier.

N7XEI requested a New Member Application for existing members who wish to renew. This will ease the creation of a database entry for potential Elmers.

We discussed holding classes for all members as potential programs for club meetings. Building a 1/4 wave ground-plane antenna was decided due to its success in the past, and the large influx of new amateurs from recent testing sessions. Motion to purchase for club use and sale to beginners, soldering kits with all basic tools. Expected outlay is \$200 for ten kits. Seconded and approved. Motion to purchase materials needed for antenna construction for the class. Expected quantity is 25 high-quality SO-239 connectors and an appropriate amount of brazing rod for antenna elements. Seconded and approved.

K7WWP submitted a Program Committee guideline and description. This is usable as a template for other committees to follow.

KD7WBM requested for ARES to use a club Go-Box for and upcoming SET, but the Go-Boxes are not ready for general use.

Discussion of Finance/Secretarial Committees tabled.

All 4 Club Officer positions, and the First Year Board Member, are up for nominations this month. Nominations will be accepted at the General Meetings in November and December, then a vote will be held at the General Meeting in December.

A problem with IRLP node 3249 being blocked was discussed. The node was not being sent 73 to close a connection, and the Canadian amateur using it had only an HT with a poor antenna. No reasonable remedy was available except to disable the IRLP node to prevent further misuse. K7WWP will ask K6MBY to disable it.

Moved, seconded and passed.

AMENDMENT: K6MBY is familiar with the IRLP situation and was able to offer a solution to the problem, involving other amateurs in Canada. We appreciate the need for amateurs to ask for and offer help to solve radio problems. The above vote is hereby rescinded by motion, second and majority vote of the board. The IRLP node remains available.

2055 Meeting adjourned

YOUR QTC INPUT COULD GO HERE!!

Get Your License Here!

**VE Exam Session Oct 21
produced:**

30 new Technicians;

3 Generals

7 Extras

**Chuck N7BV
ARRL VE-L**

November Program

Kaj Ahlbur is to give a talk on "Electromagnetic Pulse" and how it could impact us here on the Peninsula.

Kaj is KF7ZEN .

Articles needed for the QTC newsletter. This is your newsletter.

Tell us how you became interested in Ham Radio. What did you do over the summer (just like school) huh!

Did you put up a new antenna, buy a new radio? Tell us about it.

Did you try a new mode again tell us about it.

The more you submit the less blank space we will have!

Thanks, the staff!

CCARC QTC Newsletter

Just a little background on the QTC.

We use ccarcqtcc@yahoo.com as a repository for information for the newsletter. So if you have something for the QTC, please send it to the yahoo address. Do not sent it to one of the editors as they will just have to turn around and resend it to the yahoo address.

Please make sure the article or information is complete. As we rotate editing the newsletter you cannot be sure which editor will be piecing the newsletter together.

Please remove as much formatting from within whatever program you are using if you know how, before sending it to ccarcqtcc. We do not edit, except to change fonts to a standard non-serif font (Arial which is easier to read than Times Roman). We will run a spell checker.

When first conceived the editors were given free license, it still is that way. It was understood they would endeavor to include everything submitted, within reason. For instance, off color jokes etc. are not going to be printed. Thanks

Have ideas for a club programs?
Pass them along to Bill Peterson
K7WWP.

Thanks.

2 METER NETS

CCARC :
Every Thursday 7:00 pm on the W7FEL Repeater.

ARES/RACES:
Every Tuesday except 1st Tuesday of the month at 7:00 pm on W7FEL Repeater.

W7FEL Repeater: 146.76 MHz, offset down 600 KHz. with a tone of 100 Hz.

W7RJW "Net" Working

Some local nets to listen in on/participate in. This is one good way to learn how we communicate on the airwaves as amateur (ham) radio operators. I spent a year just listening to a couple of these nets and how experienced operators talk to each other, before I even tried for my Technician license. It REALLY helped me a lot. I strongly recommend doing this on a regular basis. Enjoy!

Sunday:

LDS (Latter Day Saints) Emergency Net (you don't have to be a member to participate) 6pm on 146.760

Monday:

Elwha Emergency Net 5:30 pm On 146.760
WARA (West Coast Amateur Radio Association)
Club Net (Victoria, BC Canada) at 7pm on 146.840

Tuesday:

ARES (Amateur Radio Emergency Services) Net
7pm on 146.760 (except for the first Tuesday of the month, when ARES meets at the Clallam County Courthouse)

Wednesday:

WARA (West Coast Amateur Radio Association)
Emergency Net 7pm on 146.840 Simplex Net immediately following: on 146.580

Thursday:

CCARC (Clallam County Amateur Radio Club) Net 7pm 146.760

W7RJW Rebecca J. Winters



What's new on Ham Nation?

<http://twit.tv/hn>

Check out the new format.

Have a cup of coffee, relax and watch one.

FOR SALE or TRADE

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**YOUR QTC INPUT COULD GO  
HERE!!**

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This has been my project for the past couple months. Although not directly related to Ham Radio, my Ham Radio will benefit. I have wanted for years to build a custom desk with rack mounting on the side to hold my radios and computers all neatly in one place. Those of you who have seen my den, know it is crowded to say the least. I hope to post pictures next year of the custom desk.

The shed is 12'x16'. I have never done a project like this but I am learning as I go (and make mistakes) and having fun when the weather cooperates. When



completed, it will be insulated and have power to run the saws and so on. Of course it will have at least a 2m radio mounted... but my wife has said it will NOT be a Ham shack. But it will help build one.

Sheldon Koehler, N7XEI

## Treasurers Report for October 2017

Below is the bank account balances for November 1<sup>st</sup>:

**Bank Account Balances 11/1/2017**

|          |                |
|----------|----------------|
| Checking | 7604.45        |
| Savings  | 3029.65        |
| CD       | <u>1043.55</u> |
| Total    | 11677.65       |

**October income** 959.00

|             |        |
|-------------|--------|
| Misc income | 19.00  |
| Dues paid   | 00.00  |
| Book sales  | 325.00 |
| Interest    | 1.82   |

**October expenses** 615.00

ARRL testing fees 615.00

**Membership renewals**

It is that time of year again (where did the year go?) and dues are coming up.

This year we would like everyone to please fill out the new members form when submitting your dues. We have come to find we have some phone numbers that are not valid and addresses that do not match the FCC database. We want to make sure we have correct contact information on every club member. Sorry for the inconvenience, but we should do this every year anyway in my opinion.

I will have forms available at the club meetings or you can download them from the club website.

[http://www.olyham.net/library/CCARC\\_Application.pdf](http://www.olyham.net/library/CCARC_Application.pdf)

Also, please put your call sign on the memo line of any checks written to the club.

Sheldon Koehler, N7XEI  
CCARC treasurer



**CCARC Standing Committees**

**VE Education and Training:** Chuck Jones N7BV

**Field Day Co-Chairs:** Al Fisk KD7TFK, Sheldon Koehler N7XEI, Linda Montelius KG7WMS, Ray Montelius KG7WNB

**Health and Welfare:** Nita Lyman KE7DRT

**Membership Chair:** Sheldon Koehler N7XEI

**Net Coordinator:** Mike Rice KF7VZZ

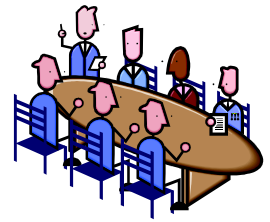
**Program Chair:** Bill Peterson K7WWP,

**Public Relations:** Bruce Reiter KD7WBM

**Publications (Newsletter):** Chuck Jones N7BV, Herm Halbach KG7WMZ

**Technical Committee Coordinator:** Doug Welcker, WB4KGY, Bob Sampson K6MBY, Bill Peterson K7WWP, Merrill Terpstra KA7FAM

**Web Site Administrators:** Sheldon Koehler N7XEI, Mike Rice KF7VZZ Bill Peterson K7WWP



**CCARC Special Committees**

**Hamfest Table:** Mark Ellington K7MAE, Doug Welcker WB4KGY, Andrew Rowland KF7QYL

**Trailer:** Mark Ellington K7MAE, Charlie Brown WA4DFT, Andrew Rowland KF7QYL, Bruce O'Rourke WA7CCC, Glen Muir WA6RQW

**Fireworks:** Nita Lyman KE7DRT, Ray Montelius KG7WNB, Bruce O'Rourke WA7CCC

Here is a Power Point program on the FT8 and JT65 for you to peruse.

It is pretty inclusive and give a good idea of what to expect when using these modes.

[https://docs.google.com/presentation/d/1Kppg\\_dIxQnBGscJ0Gp6u8tPAb3a4y0JKTqnCvTW\\_9aI/edit#slide=id.p](https://docs.google.com/presentation/d/1Kppg_dIxQnBGscJ0Gp6u8tPAb3a4y0JKTqnCvTW_9aI/edit#slide=id.p)

<http://www.k8zt.com/digital>

K8ZT website is a wealth of knowledge pertaining to digital signals.

Take a gander that see if something interests you.

Tks. 73, Chuck N7BV

**From the Editor:**

A thank you to all who contributed to this newsletter.

Mike Rice KF7VZZ  
Sheldon N7XEI  
Paul H. W6IAM

Tks. 73, Chuck N7BV

**NEXT YL Luncheon  
10 November**

**Chestnut Cottage  
929 E. Front  
Port Angeles**

**Find us on the web at  
[www.olyham.net](http://www.olyham.net)  
Check it out. Lots of  
information about ham  
radio in Clallam County!**

**2017 - CCARC Ladies Luncheon Schedule  
Reservations are made for 11:30  
2nd Friday of each month**

November - Chestnut Cottage - 929 E. Front - Port Angeles  
December - Cedars at Dungeness - 1965 Woodcock Rd. - Sequim

| Description                                        | Time/Date                      | Location                                                           | Contact                             |
|----------------------------------------------------|--------------------------------|--------------------------------------------------------------------|-------------------------------------|
| Clallam County ARES/RACES meeting                  | 7 pm, 1st Tue of every month   | Clallam County Courthouse EOC,<br>223 E. 4 <sup>th</sup> St., PA   | Bruce Reiter KD7WBM<br>360-452-9851 |
| Clallam County Amateur Radio Club general meeting  | 7 pm, 2d Wed of every month    | Port Angeles Fire Station<br>5th and Laurel, PA                    | Chuck Jones N7BV<br>360-452-4672    |
| Clallam County Amateur Radio Club social breakfast | 8 am, 1st Sat of every month   | Bi-Monthly Joshua's Restaurant,<br>PA & Mariner Restaurant, Sequim | Chuck Jones N7BV<br>360-452-4672    |
| Clallam Country Amateur Radio Club YL social lunch | 11:45 am 2d Fri of every month | Rotates - announced on Thursday<br>night Net (See QTC Newsletter)  |                                     |

[CC-ARC Welcomes New Members](#)

NFI

**CLUB OFFICERS For 2017**

**President: Dennis Tilton AD7TV 360-452-1217 [ad7tv@wavecable.com](mailto:ad7tv@wavecable.com)**  
**Vice President: Mark Ellington KI7DWE 801-821-1888 [gossamer765@gmail.com](mailto:gossamer765@gmail.com)**  
**Secretary: Mike Rice KF7VZZ (360) 912-2395 [kf7vzz@gmail.com](mailto:kf7vzz@gmail.com)**  
**Treasurer: Sheldon Koehler, N7XEI (360) 457-3029 [sheldonk@gmail.com](mailto:sheldonk@gmail.com)**  
**Board Member (Chairman): Herm Halbach III, KG7WMZ (360) 504-2226  
[hermhalbach@centurylink.net](mailto:hermhalbach@centurylink.net)**  
**Board Member: Chuck Stroehrer WA7EBH 360-417-3054 [wa7ebh@arri.net](mailto:wa7ebh@arri.net)**  
**Board Member: Bill Peterson K7WWP 360-\_\_\_\_\_ [billp@alaska.net](mailto:billp@alaska.net)**