

## CLALLAM COUNTY AMATEUR RADIO CLUB

QTC  
FEBRUARY 2012

### Echolink for December

There were 25 connects during the month of December. Most of them were for just a few seconds. WX7RIK was the user with the most minutes listened after logging in. One user from Spain logged in, but it was only for a few seconds. Seems most people log in and if they do not immediately hear something, they log back off. If you have any questions or need help with Echolink, just let me know.

*Bob Sampson*  
K6MBY  
Sequim, WA

### Program for February:

This month's program is a video of the 2007 DXpedition to one of the rarest DXCC locations; a small reef in the middle of the South China Sea. This reef had only been activated for three brief times before 2007, keeping it near the top of the DXCC most wanted list.

N6MZ, Mike Mraz, from the Western Washington DX Club was one of the operators on the trip and will attend the meeting to narrate the program and answer any questions regarding the various DXpeditions he has been on.

In case you didn't know:

A **DX-pedition** is an expedition to what is considered an exotic place by amateur radio operators, perhaps because of its remoteness or because there are very few radio amateurs active from that place. This could be an island, a country, or even a particular spot on a geographical grid. <http://en.wikipedia.org/wiki/DX-pedition>

**Get Your License Here!**

Classes scheduled for April 7, 14, 21, 2011.



Call **Chuck** N7BV 452-4672 or **Dennis** - 452-1217 for information or see the clubs website at [olyham.net](http://olyham.net).

**Chuck, N7BV, ARRL VE-L**

**Wanted:** Linksys WRT54G v1 to 4, WRT54GS v1 to 4, WRT54GL any version for testing a MESH network.

<http://hsmm-mesh.org/>

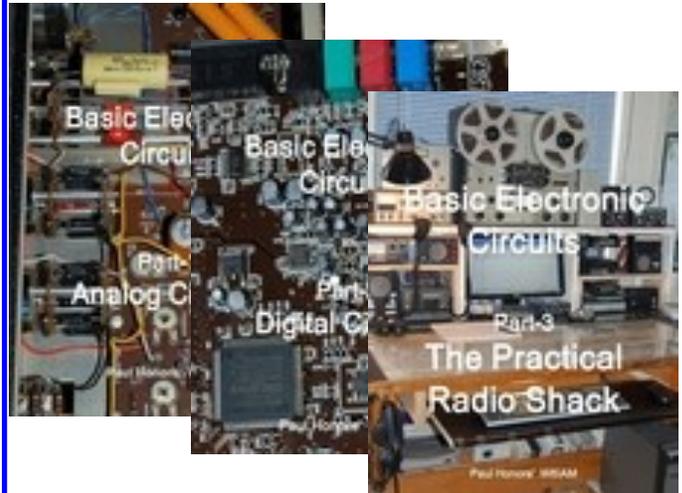
Arduino Uno Microprocessor or any Arduino related books.

<http://arduino.cc/en/Main/ArduinoBoardUno>

Contact: Bob [k6mby@olypen.com](mailto:k6mby@olypen.com)

**Wanted:** 1 kW tuner in good condition. I just put my rebuilt Heath Warrior HA-10 back on the air and my existing MFJ-949E is only good for 300 W but is in "like new" condition . Willing to trade it plus cash for a good high power tuner.

Contact:  
Dennis Tilton AD7TV  
452-1217 or cell 460-7911



**Basic Electronic Circuits, Part-1 Analog Circuits**

**Basic Electronic Circuits, Part-2 Digital Circuits**

**Basic Electronic Circuits, Part-3 The Practical Radio Shack**

These books are a non-threatening Introduction written by CCARC member, Paul Honore, W6IAM

Available from [www.lulu.com/spotlight/HonoreW6IAM](http://www.lulu.com/spotlight/HonoreW6IAM)

**2 METER NETS**

**CCARC :**

Every Thursday 7:00 pm on the W7FEL Repeater.

**ARES/RACES:**

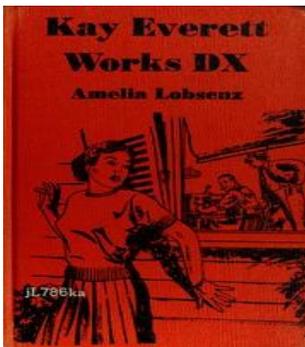
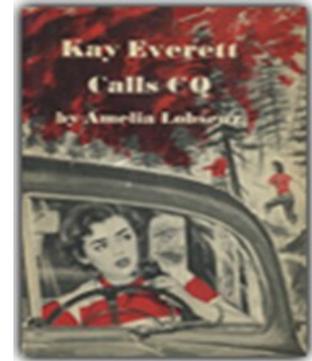
Every Tuesday except 1st Tuesday of the month at 7:00 pm on W7FEL Repeater.

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

## How I became interested in Ham Radio

by Karen Mitchell, KA7REN

I first became interested in Amateur Radio when I was a girl. I read two books written by Amelia Lobsenz, *Kay Everett Calls CQ*, published in 1951, and *Kay Everett Works DX*, published in 1952.



I read these books in the late 1950's, and this was the first time I became aware that GIRLS could be amateur radio operators! I pondered this for several years, but other things took precedence in my life, and I put off the ham stuff. I knew that studying the electronic theory would be hard for me.

In 1969, I was introduced to the idea again by my boyfriend, Tom Mitchell, while we were students at Seattle University. He was showing me the audio amplifier he had built with a CK-722 transistor. I asked how he had managed to paint those delicate little colored lines on the resistor! He was very patient with me, and explained that the resistor came that way. Shortly after we were married in 1970, we looked together into getting our ham licenses. We contacted the Seattle University Amateur Radio Club (WA7AKK), and were taught the skills by Mark Avakian (who is now N7MA). I was right that the electronic theory was very hard, but the required code, at least, was not much problem. It was just like a foreign language, and languages were much easier for me than the science was. I have never understood all the people who breezed right through the theory, but had trouble with the code. It was always exactly the opposite with me.

One day, Mark took Tom and me up to the Club's shack (the top floor of Campion Tower on the campus), for some practice. After sending us some code to copy, he had us each read it back to him, and told us we had passed! He decided that it would be less stressful if we thought we were only practicing instead of being tested, I guess.

Tom and I then took the written exam, passed the test, and were granted our Novice licenses in 1971. Tom went on in the next few years to get his General, Advanced, and Extra class licenses. I was content to remain a Novice. Of course, the Novice license expired after a couple of years in those days, and was not renewable, so I had to retake the exam years later, in 1987. By then the license was renewable, so I remained a Novice for 23 years. I liked being a Novice; it was a very historic title, but I realized that a Novice license was pretty much outdated, so I went ahead and got my Technician license in 2010.

*Karen Mitchell, KA7REN*

# AMATEUR RADIO LICENSE CLASS

**Date: April 7, 14, 21**  
**Time: 0900 to 1700**

**PA Fire Department**

**5th and Laurel Street**

**EXAM: April**

**21, 2012 at 1300**



Anyone interested in earning their entry level, (Technician class) Amateur radio license or the Intermediate level (General Class) is invited to attend three classes on successive Saturdays, starting Saturday, April 7, 14, 21th, in the training room at PA Fire Department 5th and Laurel. The classes will run from 0900 to 1700 with an hour off for lunch. April 21st is class and review in the morning. The examination session is at 1300L.

Candidates will learn Rules and Regulations, Basic Electronics, How to Operate, and Radio Frequency Safety.

There is no cost for the class, which is presented by volunteers from Clallam County Amateur Radio Club. Candidates must purchase an American Radio Relay League Technician or

General License Manual at a cost of \$29.95. Direct at <http://www.arrl.org/catalog/> These manuals are also available from Dennis Tilton, who may be reached at 360-452-1217. (Save on shipping costs.)

The exam session cost is \$15.00 for processing.

Those earning their license will be allowed to communicate with other hams world wide, and to participate in the Amateur Radio Emergency Service, an important part of Homeland Security.

For more information, or to register for the class, call Chuck Jones, N7BV, at 452-4672 or Dennis Tilton at 452-1217.



**CLALLAM COUNTY AMATEUR RADIO CLUB**  
**Minutes of the General Meeting 11 January 2012**

The meeting was called to order at 1900 by Club President Becky, W7RJW. Twenty three people were in attendance at the Port Angeles Fire Station.

The Pledge of Allegiance was said followed by self-introductions.

**GENERAL ANNOUNCEMENTS:**

Dennis, AD7TV, announced that there are 3 copies of the Extra Class Manuals for sale. It was mentioned that the Extra Class test can be taken online.

Becky, W7RJW, announced that there was some confusion on election of David, KE7TTT as a Board Member. There will be a special circumstance vote tonight to fill the 2 year Board Member position.

**PRESENTATION:**

Robert, AL7KK, presented a B&W video with actual footage on the Alaska earthquake which took place on 27 March 1964 at 5:36 p.m. The great earthquake, with a magnitude 9.2, occurred in Prince William Sound region of Alaska. The epicenter was about 10 km east of the mouth of College Fiord, approximately 90 km west of Valdez and 120 km east of Anchorage. This earthquake is the second largest earthquake ever recorded in the world. The duration of rupture lasted approximately 4 minutes. Thank you Robert.

**BREAK:** 2000

**BUSINESS MEETING:** Called to order at 2015

**READING OF THE MINUTES:**

Bill, W7WEC, and Al, W7ALP motioned and seconded that the minutes of the last club meeting, as published in the December QTC, be approved.

**OFFICER REPORTS:**

President:	Becky, none
Vice President:	Al, none
Secretary:	JoAnn, none
Treasurer:	Ernie, will publish in next QTC. He reported that \$300 was paid for trailer storage, \$33.75 for tabs, \$47 for PO Box for a total of \$375. Time for dues to be paid.
Chairman of the Board:	Chuck, none

*...Continued to next page*

## COMMITTEE REPORTS:

Activities: Bill announced that he is trying to get in touch with the Victoria group but is slow going. Roger has also been trying to get with this group but with no firm response. Chuck suggested that Bill & Roger get together to work on this project.

Public Relations: Bill, none

Publications: Chuck thanked Jeramey for doing a great job on the newsletter and asked for all to submit to the newsletter.

Membership: Becky announced that Nola is unable to fulfill the position and asked if anyone would be willing to take it over. JoAnn will fill this position.

Health & Welfare: JoAnn, none. Al mentioned that Nita will be having neck surgery at Swedish on 16 January.

Technical: Mark, N/A

Field Day: Bob, KF7EFL announced that out of 12 responses 11.5 prefer the Fair Grounds. Discussion began about the Grange, for no price, to be a positive social move. Next email will have a count of how many for planning. There was a discussion on interference at the Grange, how to get the community involved, incentives, Home Show and Crescent School.

Net: Becky announced that Steve asked for 2 volunteers to do the net on January 19 & 26. Chuck will take the 19th & Becky will take the 26th.

Repeater Trustee: Absent

Education & Training: Chuck announced that classes are listed in the QTC. There was a discussion on having information sent to the media about the class three months ahead. Bill will look into this.

Refreshments: Becky, none

Web Site: Rik was absent but is adding to the site and still active.

CCARC Secretary

## OLD BUSINESS:

The election of a Board Member was discussed. Chuck, N7BV, nominated Jeramey, KF7PMC, second by Bob, KF7EFL. Bill, W7WEC made motion to close nomination and vote unanimously to have Jeramey serve a 2 year position on the Board. Chuck, N7Bseconded the motion, all voted Aye. Jeramey is now our new Board Member, Welcome!

## **NEW BUSINESS:**

The question of the trailer was brought up. The discussion was on where to store it, how long to keep it stored there, fixing it up on the inside, make it a single location for equipment. Janet, WA7JEP, suggested we have a committee set up to find out what exactly needs to be done with the trailer and then to report to the club.

Ernie, W7EWG, asked when the next Board Meeting will be held. Chuck, N7BV, will let all Board Members know.

## **ADJOURNMENT:**

Jeramey, KF7PMC, made a motion at 2045 to adjourn followed by Bill, W7WEC.  
MEETING ADJOURNED

JoAnn Cozzolino, KF7SCX

### **CCARC Membership**

It is time to re-up for the Clallam County Amateur Radio Club by submitting your 2012 Annual Dues of \$20.00 You may bring your payments of Cash or Cheque (Payable to CCARC) to February's Meeting on the 8<sup>th</sup>. You may also mail them to:

**CCARC  
PO Box 2562  
Sequim, WA 98382**

Your dues will cover you (& your XYL, if not a licensed Operator) for the year. If you want a family membership where both FCC Licensed members will have voting privileges, please send in \$30.00.

Members with dues not collected by the end of February 2012 will be removed from the Membership Roster & Distribution Lists.

Thanks for all you do to make our Clallam County Amateur Radio Club such a Great Organization!

*Ernest Griffith W7EWG  
CCARC Treasurer*



### Solar activity is picking up!

A coronal mass ejection CME collided with Earth's magnetic field a little after 10 AM ET on January 24, 2012. The influx of particles from the CME amplified the solar radiation storm such that it is now considered the largest since October 2003. NOAA's Space Weather Prediction Center has categorized it as a "strong" -- or S3 (with S5 being the highest) -- storm. Solar radiation storms can affect satellite operations and short wave radio propagation, but cannot harm humans on Earth. Auroras may well be visible tonight at higher latitudes such as Michigan and Maine in the U.S., and perhaps even lower. [http://www.nasa.gov/mission\\_pages/sunearth/news/News012312-M8.7.html](http://www.nasa.gov/mission_pages/sunearth/news/News012312-M8.7.html)

### CLUB OFFICERS For 2012

**President:** *Becky, W7RJW*

**Vice President:** *Al, W7ALP*

**Secretary:** *JoAnn, KF7SCX*

**Treasurer:** *Ernie, W7EWG*

**Board Members:**

*Chuck, N7BV (Chairman)*

*Dennis, AD7TV*

*Jeramey, KF7PMC*

### CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

~~~~~

#### FROM OUR TREASURER:

As of Jan 31 , 2012:

|                                                       |                   |
|-------------------------------------------------------|-------------------|
| First Federal Savings & Loan of Port Angeles Balance: | <b>\$ 6951.17</b> |
| Outstanding Cheques:                                  | <b>\$0.00</b>     |
| <b>Checkbook Balance:</b>                             | <b>\$ 6951.17</b> |

Thanks,

*Ernie Griffith*  
W7EWG  
CCARC Treasurer

### COMING EVENTS

**March 10th 2012**  
Mike and Key Club Electronic Show and Flea Market at the Puyallup Fairgrounds

<http://www.mikeandkey.org/flea.htm>

There were some pretty wild guesses, but the answer to the age old question:

What has less resistance than a short?

**Two shorts in parallel, of course!**

## February YL Luncheon

Old Mill Café

721 Carlsborg Rd

Carlsborg

### 2012 YL Luncheons:

Reservations 11:30 2nd Friday of each month

February - Old Mill Cafe - 721 Carlsborg Rd. - Carlsborg  
 March - Fiesta Jalisco 636 E. Front - Port Angeles  
 April - Oak Table - 292 W. Bell - Sequim  
 May - Downriggers - 115 E. Railroad Ave. - Port Angeles  
 June - Mariner - 707 E. Washington - Sequim  
 July - Gordy's Pizza & Pasta - Port Angeles  
 August - Tarcisios - 609 W. Washington - Sequim  
 September - Sergios - 205 E. 8th - Port Angeles  
 October - Fortune Star -145 E. Washington - Sequim  
 November - Chestnut Cottage - 929 E. Front - Port Angeles  
 December - Cedars at Dungeness 1965 Woodcock. - Sequim

| Description                                        | Time/Date                       | Location                                                      | Contact                           |
|----------------------------------------------------|---------------------------------|---------------------------------------------------------------|-----------------------------------|
| Clallam County ARES/RACES meeting                  | 7 pm, first Tue of every month  | Clallam County Courthouse EOC, 223 E. 4 <sup>th</sup> St., PA | Al Dawson, W7YLV<br>360-457-0752  |
| Clallam County Amateur Radio Club general meeting  | 7 pm, second Wed of every month | Port Angeles Fire Station<br>5 <sup>th</sup> & Laurel Streets | Chuck Jones, N7BV<br>360-452-4672 |
| Clallam County Amateur Radio Club social breakfast | 8 am, first Sat of every month  | Joshua's Restaurant<br>Hwy. 101 & Del Guzzi Drive             | Chuck Jones, N7BV<br>360-452-4672 |
| CCARC Board Meeting                                | TBA                             | TBA                                                           | Chuck Jones, N7BV<br>360-452-4672 |
| Clallam Country Amateur Radio Club YL social lunch | 11:45 am 2nd Fri of every month | Rotates - announced on Thursday night Net                     | Chuck Jones, N7BV<br>360-452-4672 |

## Happy Birthday!

**Alvin Johnson    KF7JQP    Feb 04**

**Don Dillard    K5MTM    Feb 06**

**David McCoy    KE7JEJ    Feb 19**

**Mary Tate    AC7IY    Feb 20**

**Kathy Popowski    W7ALP (YL)    Feb 23**