

CLALLAM COUNTY  
AMATEUR RADIO  
CLUB

QTC  
MARCH 13

# AMATEUR RADIO LICENSE CLASS

Date: March 30, & April 6, 13

Time: 0900 to 1700

PA Fire Department 5th and Laurel Street

**EXAM: April 13, 2013 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, March 30th April 6, 13, in the training room at Port Angeles Fire Department 5th and Laurel Street. The classes will run from 0900 to 1700 with an hour off for lunch. April 13th is a 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.

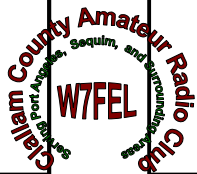
There is no cost for the class, which is presented by volunteers from Clallam County Amateur Radio Club. Candi-

dates must purchase an American Radio Relay League Technician or General License Manual at a cost of \$29.95 each. Direct at <http://www.arrl.org/arrl-store/> 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.



## Get Your License Here!

March 30, April 6, & 13th  
Exam April 13, 1300

Chuck N7BV  
ARRL VE-L

### CCARC QTC Newsletter

#### **Just a little background on the QTC.**

We use ccarcqtq@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 ccarcqtq. We do not edit, except to change fonts to a standard non-serf 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,



## **MARCH PROGRAM**

**TBD**

Have an idea for a club program? Pass them along to the members of the program committee: Bill Carter, Janet Parris, or Chuck Jones. Thanks.

We need articles 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!

### 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.

## Random Derailed Thoughts

Sorry for being late with the QTC Newsletter. Little bit of getting older and coming home from Puyallup flea market dead tired and finding Grandkids had invaded. For me it is a three day trip, leaving here on Thursday to have lunch with an OT'er in Bellevue, then spending the night with a friend in Kent and finally on down to Puyallup on Friday for setup, up at 0400 Saturday to be on hand for the 0530 opening for the vendors.

So were you one 1800+ persons who visited the flea market this year and found something they couldn't do without? Here is what one Western Washington DX Club member had to say: "The M&K ham fest was very popular! I reckon all of us got some really good buys (treasures?) ... It cost me \$20 in gas for the trip, and I bought \$5 worth of goodies. But, having an 'eyeball QSO' with a lot of 'voices' and 'keyboard' pals was more than worth it!! What a bargain! ...and a public thanks for all the commercial vendors that had enough faith in us to make the journey!"

I didn't see to many CCARC members despite my job as roving security.

March has one of the neater World Wide contests the WPX SSB the last weekend of March. See <http://www.cqwp.com/rules.htm> So get up that 10m antenna if you are a Technician or newly minted General - tune up and work some DX.

73, Chuck N7BV

**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



**FOR SALE or TRADE**

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**FOR SALE: Sears SSB CB Rig, converted to 10 m ham operation. Note that this Xtal-controlled ten watt SSB rig can use an ordinary CB antenna (with a simple antenna tuner or you could trim your old antenna). Price \$50, guaranteed refundable within 30 days if rig is not fully functioning. Call Jess, AF5X 681-6573 for info on frequencies, etc.**



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Empty advertisement space with a blue text box at the bottom containing the text: [Your Ad Could Have Gone Here](#)

Available from

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

Now available on line from Lulu  
press :

*Basic Electronic Circuits Part-4, Un-  
derstanding test equipment*

*by Paul Honore' W6IAM*

*CCARC club member*

*My books are a non-threatening  
Introduction to the technical aspects  
of Ham radio*



What's new on  
Ham Nation?

<http://twit.tv/hn>

**March 7th, 2013**

**Episode #88: Ham Radio Featured on Tim  
Allen's Last Man Standing**

A behind the scenes look at the Ham radio  
gear used on the set of Tim Allen's Last Man  
Standing.

**February 28th, 2013**

**Episode #87: Show Us Your Shack**

A look at ham shacks across the country,  
snow on antennas, and all about how induc-  
tors work.

**February 21st, 2013**

**Episode #86: A Tribute to Wes Schum  
Hands-on with the TS-990, a tribute to Wes  
Schum, and a homemade outpost.**

**February 14th, 2013**

**Episode #85: It's Valentine's Day!  
The InnovAntenna, Bob's custom built gear,  
and how to build a class-D amplifier.**

**Have a cup of coffee, relax and watch one.**

### CCARC Committees

**Activities Chair:** *Vacant*

**Education and Training:** Chuck Jones N7BV

**Field Day Co-Chairs:** Al Fisk KD7TFK, *Vacant*

**Health and Welfare:** *Vacant*

**Membership Chair:** Becky Winters W7RJW

**Net Coordinator:** Becky Winters W7RJW

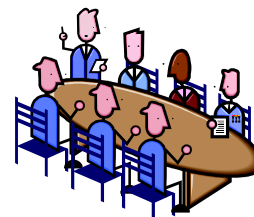
**Program Co-Chairs:** Janet Parris WA7JEP, Bill Carter W7WEC, Chuck Jones N7BV

**Public Relations Chair:** *Vacant*

**Publications (Newsletter):** Chuck Jones N7BV, Jeramey Johnson KF7PMC

**Technical Committee:** Ernie Griffith W7EWG, Mark Merrikin AE7IP, Doug Welcker, WB4KGY

**Web Site Administrator:** Rik Scairpon WX7RIK



## Why Ham Radio Endures in a World of Tweets

□ By [David Rowan](#)

On [WIRED.CO.UK](#)

□ 02.07.11

Somehow it makes little sense that amateur “ham” radio continues to thrive in the age of [Twitter](#), [Facebook](#) and [iPhones](#). Yet the century-old communications technology — which demands such commitment that you must generally pass an exam to receive a license — currently attracts around 350,000 practitioners in Europe, and a further 700,000 in the [United States](#), some 60 per cent more than 30 years ago.

What is it about a simple microphone, a transmitter-receiver and the seductive freedom of the open radio spectrum that’s turned a low-tech anachronism into an enduring and deeply engaging global hobby?

For a start, there is that thrill in establishing a magical person-to-person long-distance radio conversation that no commodified internet communication can compete with. In a world of taken-for-granted torrents of e-mails, instant messages and [Skype](#) video-chats, there is a purity and a richness in the shared experience of exchanging “73s” during a live “QSO” with strangers on another continent.

Why, the very ham slang that defines the community — 73 translating as “best regards”, and QSOs as two-way conversations — tells practitioners that they belong to a special, mutually curious and highly courteous club. And the fact that DXers (long-distance amateur operators) take the trouble to acknowledge received transmissions and conversations by sending their new contacts custom-designed postcards through the analog postal service ... well, that is charm itself in a world where it’s considered excessive to end a communication with anything more effusive than a “bestest”.

You only need study a handful of these cards to understand, even today, the old-fashioned excitement of connecting with a stranger who might be many thousands of miles away. The postcards — known as QSL cards — can be as quirky and personality-filled as the senders themselves. At times humorous and characterful, at others terse and geographically factual, they have naturally inspired their own subculture that has spurred DXers to collect and display them much as they would colorful foreign postage stamps.

The cards invariably display as a minimum some basic factual information about the sender. This will generally include the radio operator’s individual call sign, his (there are not too many “hers”) location, and a few details about the signal detected. And just to show that the Twitter generation did not invent the linguistic contractions exemplified in text-message speak, QSL cards too rely on slang and abbreviations to pack information into a tight space.

So cards will display the “RST” — the received radio station’s readability, signal and strength; perhaps details of the sender’s “XMTR” (transmitter) and “ANT” (antenna); and occasionally a request to reciprocate, expressed as the shorthand “PSE QSL TNX” (please send an acknowledgement card, thanks) or the more chatty “hw abt a crd om?” (How about a card, old man?) Old man, by the way, is not a reference to the recipient’s age — just as, on the rare occasions when the DXer is female, she is referred to as a “YL”, a young lady, whatever her chronological age.

DXers have been exchanging QSL cards since at least 1916, when Edward Andrews of Philadelphia — call sign 3TQ — recorded the receipt of a card from 8VX of Buffalo, NY. Over the next decade, the hobby took off — so much so that, by 1928, Paul Segal (W9EEA) had formulated an “amateur’s code” setting out six key qualities to which practitioners must adhere: “The radio amateur is considerate... loyal ... progressive ... friendly ... balanced ... [and] patriotic,” Segal specified, always ready for service to country and community.

Since then, the hobby has captivated royalty and celebrities alike. Among the most celebrated DXers have been the late King Hussein of Jordan (call sign JY1), Queen Noor (JY1H) and Juan Carlos,



King of Spain (EA0JC). Had you picked the right moment, you could have chatted to Morocco's King Hassan II (CN8MH), the former Sultan of Oman (A41AA) or Bhumiphol Adulayadej, King of Thailand (HS1A).

If monarchs have never appealed, you could instead have shot the breeze with Marlon Brando (FO5GJ), prime minister Rajiv Ghandi of India (VU2RG) or the CBS anchor-man Walter Cronkite (KB2GSD) — not forgetting the singer Cliff Richard (W2JOF), Joe Walsh of The Eagles (WB6ACU) and genuinely beyond-this-world DXers such as Yuri Gagarin and Helen Sharman.

It's little wonder that collectors describe the buzz of receiving a new exotic foreign card as akin to that of philatelists discovering a rare commemorative stamp. That explains why the late Jerry Powell, a New Jersey ham between 1928 to 2000 (W2OJW), proudly displayed the 369 cards he had gathered from Okinawa to Papua.

Another obsessive collector, Thomas Roscoe of Brookfield, Ohio (K8CX), has created an awe-inspiring QSL museum where he displays his trophies from Afghanistan to Zimbabwe. (You can see his individual cards at [hamgallery.com](http://hamgallery.com)). Take a journey with Roscoe to Wallis & Futuna Island and Western Kiribati, to Kyrgyzstan and Kerguelen Island; visit "states" whose international status is somewhat contentious, such as the Republic of Ichkeria and the Principality of Sealand; celebrate one-off events such as Operation Desert Storm in Saudi Arabia, or the *Queen Mary's* last voyage.

But it's not simply the romance of card-collecting that continues to inspire DXers, nor the blunt urge to communicate. Instead, hams talk proudly about belonging to a global "brotherhood," with few rules and little bureaucracy and the ability to transcend language, religion and race — while never quite knowing who they might come in contact with.

Plus, of course, the chance to be a genuine real-life hero. Days after a magnitude 7.3 earthquake devastated [Haiti](http://Haiti) in January, amateur radio operators were busy at work connecting rescuers within the country and contacting survivors' families. When a magnitude 8.8 earthquake hit Chile the next month, and the phone network collapsed, a radio operator named Alejandro Jara broadcast the first information from the ground. Hams stepped in on September 11, 2001, and during Hurricane Katrina. Then there was Tony Pole-Evans, a bird lover with a short-wave radio on Saunders Island, who famously risked his life during Argentina's 1982 invasion of the Falkland Islands to radio the first news back to Britain that 1,000 soldiers had landed on Goose Green. How exciting it must have been to intercept that particular radio call. And boy, what a QSL card to top one's collection. You can tweet all you like, but this is the way to communicate.

[WIRED.CO.UK](http://WIRED.CO.UK)

Submitted by Bill W7WEC

### Clallam County Amateur Radio Club General Meeting 2013-02-13

1900 Meeting called to order by President Mike Rice KF7VZZ . Followed by the Pledge of Allegiance and introductions.

1913 Jeramey Johnson KF7PMC Chairman of the Board, read his notes from the Board meeting earlier that day.

This was followed by officer and committee reports.

2000 Meeting was suspended for coffee and socializing.

2015 An Over View of the WSPR mode was given by Chuck N7BV

2055 The meeting was adorned.

Respectfully Submitted by Chuck Jones N7BV

### CCARC Board Meeting 2013-02-13

1147 The CCARC Board Meeting was called to order by Jeramey KF7PMC Chairman of the Board. All Board members were in attendance.

- \* Board approved the purchase of a Rigblaster from Bob Kennedy's SK equipment.

- \* The budget was smoothed out for presentation.

- \* 3-yr web Hosting was approved, plus the web name.

- \* The board recommended to the President he appoint persons to conduct an audit of the clubs finances.

- \* Treasurer: Ernie Griffith W7EWG reported on Deposits.

- \* The Club Contest was discussed and a go ahead approved.

1313 Meeting was adorned.

Respectfully Submitted by Chuck Jones N7BV



**QST QST QST RELAY FOR LIFE**

W7RJW Becky Winters

We are calling on all members of the Clallam County Amateur Radio Club, Amateur Radio Emergency Services, and the ham community. CCARC is attempting to put together a team for the Relay For Life event in Port Angeles on June 7th and 8th 2013. This will be held at the Clallam County Fairgrounds.

The main objective is to have enough team members to cover the round-the-clock, 18 hour walk to raise money for cancer research. This would involve members to selecting a "shift" that they would commit to walk-whatever you feel you could handle. We would set up a "base of operations" such as a tent, have information on hand to pass out pertaining to our club, as well as ARES, and most importantly-raise money for the fight to cure cancer.

All of us have been touched-one way or another-by cancer and its devastating effects. Whether you are a cancer survivor, currently battling it, or have lost someone you love to it-it has touched most of our lives. We have members in our own club who have dealt with-or are dealing with it. I propose-in honor and/or memory to our own, everyone of us should volunteer this year and participate in this wonderfully worthwhile event.

So we need YOU. Once we determine we have enough participants step up to "walk the walk", we will proceed further and register our "Clallam County Amateur Radio Relay for Life Team-2013". To volunteer, you can email me at [w7rjw@yahoo.com](mailto:w7rjw@yahoo.com) or come to our club meeting March 13 7 PM at the Port Angeles Fire Department at 5th and Laurel St in Port Angeles. You can also contact any of the club officers.

Please indicate what times you would be available to walk. Things start off at 6pm on the 7 and end at 12 noon on the 8th. We need to get registered ASAP.

Hope to hear from you soon.



**STRAYS**

~~~~~  
 Wanted to purchase: Icom CR-502 TCXO I need one for my IC-706 and they are no longer manufactured.

Dennis Tilton AD7TV 360-452-1217

~~~~~  
 Becky says: Hey all,  
 I came across this today and downloaded it to my Droid. It might be a useful tool for those of us  
 involved in emergency response/management.

<http://www.ems1.com/ems-products/technology/articles/1403906-Emergency-Response-Guide-is-now-an-app/>

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## FROM OUR TREASURER

As of Feb 28,2013

|                                                                  |                   |
|------------------------------------------------------------------|-------------------|
| <b>First Federal Savings &amp; Loan of Port Angeles Balance:</b> | \$ 8754.47        |
| <b>Outstanding Cheques:</b>                                      | \$0.00            |
| <b>Checkbook Balance:</b>                                        | <b>\$ 8754.47</b> |

Thanks,

*Ernie Griffith*

W7EWG

CC-ARC Treasurer

### MARCH BIRTHDAYS

## HAPPY BIRTHDAY'S EVERYONE!!

|                |        |    |        |
|----------------|--------|----|--------|
| Diane Fisk     | KD7TFK | YL | Mar 18 |
| Valerie Hannon | KF7VAL |    | Mar 19 |
| Debra Griffith | N7PSU  |    | Mar 23 |
| Tom Newcomb    | KE7XX  |    | Mar 24 |

### COMING EVENTS

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- **03/23/2013** [MicroHAMS Digital Conference 2013](#)
- **Location:** Redmond, WA
- **Type:** ARRL Convention
- **Sponsor:** MicroHAMS Radio Club
- **Website:** <http://www.microhams.com/mhdc>

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- **04/13/2013** [Communications Academy 2013](#)
- **Location:** Seattle, WA
- **Type:** ARRL Convention
- **Sponsor:** ARES of King County, Seattle ACS, & WWA Medical Services Communications
- **Website:** <http://CommAcademy.org>

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- **05/11/2013** [SCARC 22nd Annual Electronic Flea Market & Hamfest](#)
- **Location:** Stanwood, WA
- **Type:** ARRL Hamfest
- **Sponsor:** Stanwood-Camano Amateur Radio Club
- **Website:** <http://scarcwa.org>

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See: <http://www.arrl.org/hamfests/search>

**NEXT YL LUNCHEON**

**12 April 2013**  
**Oak Table**  
**292 W. Bell - Sequim**

**Find us on the web at**  
**www.olyham.net**  
**Check it out. Lots of**  
**information about ham**  
**radio in Clallam County!**

**2013 YL Luncheons:**

Reservations 11:30 2nd Friday of each month

- May** - Downriggers - 115 E. Railroad Ave. - Port Angeles
- June** - Black Bear Diner - 1471 E. Washington - Sequim
- July** - Gordys Pasta and Pizza - 1123 E. First St. - Port Angeles
- August** - Tarcisios - 609 W. Washington - Sequim
- September** - Fresh Wok - 1603 E. Front St. Port Angeles
- October** - Paradise - 703 No. Sequim Ave - Sequim
- 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, first Tue of every month  | Clallam County Courthouse EOC,<br>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>5th and Laurel, PA                   | 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 Dr.                   | Chuck Jones N7BV<br>360-452-4672 |
| Clallam County 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:**

None

**CLUB OFFICERS For 2012**

- President:** Mike Rice KF7VZZ KF7VZZ@Gmail.com
- Vice President:** Becky Winters W7RJW 360-928-0127 W7RJW@yahoo.com
- Secretary:** Chuck Jones N7BV 360-452-4672 n7bv@yahoo.com
- Treasurer:** Ernie Griffith W7EWG 360-808-6668
- Board Member (Chairman):** Jeramey Johnson KF7PMC 253-254-6225 Jerameyaj@gmail.com
- Board Member:** Dennis Tilton AD7TV 360-452-1217 ad7tv@wavecable.com
- Board Member:** Bill McPherson W6JEQ 360-808-2069 dezertrat@wavecable.com