

## CLALLAM COUNTY AMATEUR RADIO CLUB

QTC  
JANUARY 13

### President's Message: Mike Rice, KF7VZZ



Greetings, and a Happy New Year to you all! Allow me an introduction, and a brief foray into my thoughts on the club. I got my license as KB0NND in 1994, just a month after purchasing a Radio Shack HTX-202, which I still use. Eventually we moved to Oregon, where I joined the Pelican Bay Amateur Radio Club, got elected Vice President and volunteered as Newsletter Editor (they are small enough that I still edit their newsletter in-absentia). I've been in Port Angeles for 18 months and I like it here. I even changed to a sequential call for the area, KF7VZZ; I think I'll stay.

The Clallam County Amateur Radio Club is a bit larger than what I'm used to, but this adds to the charm of real city life. I went straight from my first Field Day to volunteering for the night shift in the fireworks tent, but I think my time as Secretary gave me a taste of how CCARC members get things done. You tend to pitch in where it's needed and lend your knowledge to those who ask. We ask a lot and keep asking for more! This year I'll ask for participants in projects we've been discussing. Are there ways to make it easier to volunteer, to make the club work better? We'll see. Whether it's work on the repeater system, teaching a class or showing up on the weekly net there's always room for improvement.

I'm still new to the club, and still learning. I will rely on your criticism - constructive or otherwise - to help me out in the coming year.

Best regards for the New Year!  
73, Mike Rice KF7VZZ; CCARC President-elect

### January Program:

Hurricane Sandy was nicknamed "Superstorm Sandy" because it affected so many areas of the eastern seaboard on or around October 29<sup>th</sup>, 2012. Over 9,000 volunteers gave their time and efforts to help in the relief efforts in its aftermath. Janet Parris, WA7JEP, was one of the dozen or so volunteers that were sent from Clallam and Jefferson Counties in those first weeks. She will talk about what it was like to deploy to the densest city in the US and how the American Red Cross continues to serve those in need in our counties and across the nation.

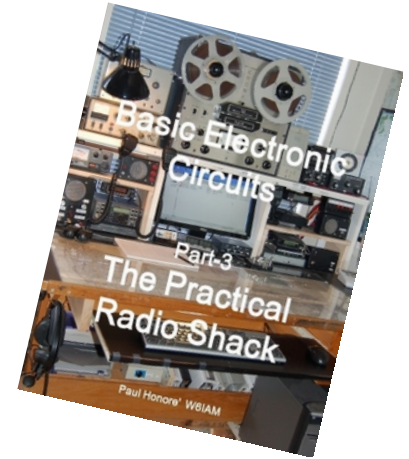
**Get Your License Here!**

Classes scheduled for April

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



Chuck N7BV  
ARRL VE-L



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

Basic Electronic Circuits,  
Part-1 Analog Circuits

Basic Electronic Circuits,  
Part-2 Digital Circuits

Basic Electronic Circuits,  
Part-3 The Practical Radio Shack

By CCARC member, Paul Honore' W6IAM These books are a non-threatening Introduction to the technical aspects of Ham radio

**For Sale:**

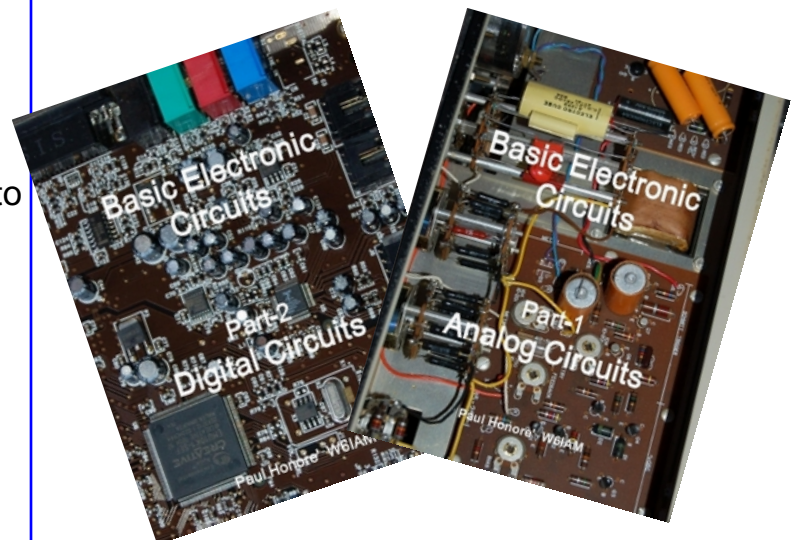


- IC-746 (Not PRO)
- Icom power supply for IC-746
- Heil Microphone for IC-746
- CT-17 interface for IC-746
- MFJ Differential T Tuner
- G5RV antenna
- Vibroflex Square Racer Deluxe key
- 50-100 feet Ladder line (never used)
- 2 Meter J-Pole Antenna (never used)
- MM3 Morse Code Machine with manual

Various odds and ends

Would like \$1200 for everything. Would like to sell all as a unit rather than piecemeal.

Contact: Scott Clausen, NF7Y  
360-683-8771 [scottclausen@mac.com](mailto:scottclausen@mac.com)



**CLALLAM COUNTY AMATEUR RADIO CLUB**

## GENERAL MEMBERSHIP MEETING

December 12, 2012

1900 Call to Order by W7RJW, Pledge of Allegiance, Introductions, 17 members and 1 guest attending

1905 Announcements: W7WEC has new business, will handle later in the meeting.

1906 Nominations for club offices:

KF7VZZ	President	W7RJW	Vice-President
N7BV	Secretary	W7EWG	Treasurer
W6JEQ	Board Member		

We have a quorum by last meeting's numbers (17 of 19 attending).

Motion by WA7EBH: All offices have only one candidate, to close the nominations. MSC

1912 Business

W7TTY - Discussion of provision for members who are infirmed or have no access to radio resources., W7WPR as a recent example. Remotely controlled hardware via software, phone, Internet. Use of land-line vs. cell-phone. Location of transceiver. N7BV, form a committee to investigate, decide. Use of TeamViewer software, free and has excellent documentation. AD7TV, echolink is also possible. Committee members: W7TTY, AD7TV, N7BV, AE7IP.

N7BV - Clark County ARC holds a Knowledge University on Saturdays. We could use this idea to help our members. Good idea for Program Committee. Expertise leads to good demonstration and practice. AE7IP, share ideas and software training, presentations.

WB4KGY - suggested using old KONP tower downtown for 160m operations. Nice vertical!

1955 Break

2015 Officer Reports

Secretary - Minutes accepted as printed, MSC. Letter for meeting room submitted and accepted by Fire Station.

Treasurer - As listed in QTC, with PO Box fees upcoming.

Committees:

Repeater - N7BV, reasons why we try to save money, to repair or replace repeaters when necessary. West End, Forks need coverage. W7EWG, Hospital site, Gunderson Mountain sites discussed. N7BV, WB4KGY, extra repeater controller almost purchased from eBay. AD7TV has repeater control codes now.

Newsletter - KF7PMC, Holiday social at 3:pm at Smuggler's Landing restaurant. Members plus one are covered by CCARC \$5 discount. Need article submissions. WB7KGY, resubmit others' existing articles, may need to obtain copyright permission.

*Continued on Page 6...*

## Clallam County-to-France QSO on 100 Milliwatts

Jess, AF5X

The screenshot shows the WSJT-X v0.5, r2788 software interface. The main window displays a QSO log with the following data:

UTC	Sync	dB	DT	Freq	Drift	
1552	4	-23	0.3	1408.	0	
1554	5	-25	0.3	1408.	0	AF5X F8RZ 73
1556	10	-18	0.3	1407.	-1	
1558	7	-16	0.3	1407.	-1	STILL GOOD PR
1559	0	-28	1.7	1410.	1	
1600	10	-18	0.2	1406.	0	STILL GOOD PR
1601	0	-28	1.5	1397.	0	
1602	0	-29	1.7	1386.	-1	

Below the log, there are several control buttons: Log QSO, Stop, Monitor (highlighted in green), Decode, Erase, Auto is OFF, and Stop Tx. A vertical dB scale on the left shows a signal level around 20 dB. The DX Call field contains 'F8RZ' and the Grid field is empty. The Tx mode is set to 'Tx = QSO Freq'. The transmission list on the right includes:

- Tx1: F8RZ AF5X CN88
- Tx2: F8RZ AF5X -21
- Tx3: F8RZ AF5X R-21
- Tx4: RRR ALSO 0.5
- Tx5: 0.1W AF5X 73 (selected)
- Tx6: CQ AF5X CN88

The status bar at the bottom shows: Receiving, QSO Freq: 1406, Rx noise: 18.5 0.0 %, JT9-1, Last Tx: 0.1W AF5X 73.

You might be interested in this New Year's Day QSO with F8RZ in Bourg de St. Hilaire, France. This image, copied from the AF5X monitor, shows the French station's last 73 and two subsequent transmissions indicating that he could still print my follow up signals. We began the QSO with **both stations** at 1 watt. We then reduced to 500mW, then, at finals QRP'd to 100 milliwatts!

JT9 (actually JT9-1 in this case) is the latest weak signal program developed by Joe Taylor, K1JT, Emeritus Professor of Physics at Princeton University. BTW, Joe is a Nobel laureate. The JT9 signal has a bandwidth much narrower than JT65HF, the current favorite digital mode. The bandwidth is about twice that of a CW signal, and the program is capable of decoding signals at least 30 dB \*below\* received noise. Working this mode is a hoot!

HNY/73...~jess, AF5X

## Aluminum Rack



For Sale is one 19" x 84" tall (45U) floor mount aluminum equipment relay rack. In excellent condition. \$75 firm. The rack is at my house near the downtown Port Angeles Safeway. I will have a second one available as soon as I remove the mounted equipment from it. Email me at [sheldonk@gmail.com](mailto:sheldonk@gmail.com) or leave a text message at 360-670-4799. If you call, you will most likely get voicemail, so leave a message.

Sheldon, N7XEI

## CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

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### FROM OUR TREASURER:

As of December 31, 2012:

First Federal Savings & Loan of Port Angeles Balance:	\$ 8,474.47
Outstanding Checks:	\$0.00
<b>Checkbook Balance:</b>	<b>\$ 8,474.47</b>

Thanks,

*Ernie Griffith*  
W7EWG  
CCARC Treasurer

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Feedback, Comments or Article submissions are appreciated to  
[CCARCQTC@Yahoo.com](mailto:CCARCQTC@Yahoo.com)

**Thank you for your Contributions, Ed**

## COMING EVENTS

**Mike & Key Electronics Show & Fleamarket**  
Saturday, March 9th 2013 @ 0900  
Puyallup Fairgrounds  
<http://www.mikeandkey.org/flea.htm>

## CLUB OFFICERS For 2012

**President:** *Mike Rice, KD0NND*

**Vice President:** *Becky Winters, W7RJW*

**Secretary:** *Chuck Jones, N7BV*

**Treasurer:** *Ernie Griffith, W7EWG*

**Board Member:** *Jeramey Johnson, KF7PMC*

**Board Member:** *Dennis Tilton, AD7TV*

**Board Member:** *Bill McPhearson, W6JEQ*



Find a wealth of information and links on the club website:  
[OlyHam.net](http://OlyHam.net)

Thanks to Website Administrator Rik, W7RIK!

**CCARC General Membership Meeting Minutes (Continued from page 3)**

Program - N7BV, Every other month (by agreement) is a non-Ham presentation. On average we've held to this but it's not a rule. Question: How many members are interested in VHF, HF, CW, etc.? Interesting statistic, can add a poll to website? This statistic is already gathered in original membership application, but those records are not consolidated.

Educ & Training - Knowledge University discussed. AD7TV, Amateur test on Jan 22, he will send information to email group. AE7IP, another group uses presentation time to introduce ideas.

Net - W7RJW will have the first January net control.

Old business - none

New business - W7WEC, KE7TTT is undergoing heart surgery and would like to pass on the repeater trusteeship during his convalescence. WB4KGY volunteered for the responsibility. N7BV will compile a list of members with repeater experience and access.

2100 KF7PMC, Adjourn, MSC

**Pay Dues**

**It is time to prepare to re-up for the Clallam County Amateur Radio Club by submitting your 2013 Annual Dues of \$20.00**

**You may begin bringing in your payments of Cash or Check (Payable to CCARC) to January's Meeting on the 9<sup>th</sup>. You may also mail them to:**

**CCARC**

**PO Box 2562**

**Sequim, WA 98382**

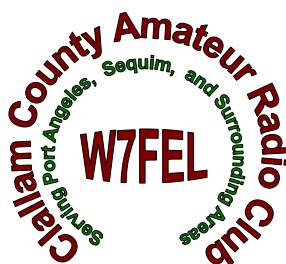
**Your dues will cover you (& your XYL, if not a licensed Operator) for the year. If you want a family membership where both FCC Licensed members will have voting privileges, please send in \$30.00.**

**Members with dues not collected by the end of February 2013 will be removed from the Membership Roster & Distribution List(s). Thanks for all you do to make our Clallam County Amateur Radio Club such a Great Organization!**

*Ernie Griffith W7EWG*

*CC-ARC Treasurer*

*w7ewg@arrl.net*



**YL LUNCHEON**  
**Bushwacker Restaurant**  
**1527 E 1st St**  
**Port Angeles**  
**Time: 11:30 a.m.**

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

**2013 YL Luncheons:**  
 Reservations 11:30 2nd Friday of each month

January— Bushwacker Restaurant—Port Angeles  
 February—Old Mill Café 721 Carlsborg Rd—Carlsborg  
 March—Fiesta Jalisco 636 E. Front St—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 360-457-0752
Clallam County Amateur Radio Club general meeting	7 pm, second Wed of every month	Port Angeles Fire Station 5 <sup>th</sup> & Laurel Streets	Chuck Jones, N7BV 360-452-4672
Clallam County Amateur Radio Club social breakfast	8 am, first Sat of every month	Joshua's Restaurant Hwy. 101 & Del Guzzi Drive	Chuck Jones, N7BV 360-452-4672
CCARC Board Meeting	Wed. Jan. 9, @ 1100	Smugglers Landing 115 E. Railroad Ave	Chuck Jones, N7BV 360-452-4672
Clallam Country Amateur Radio Club YL social lunch	11:30 am 2nd Fri of every month	See Above Schedule	Chuck Jones, N7BV 360-452-4672

**HAPPY BIRTHDAY!**

**Rebecca Winters, W7RJW      Ernie Griffith, W7EWG**  
**Janet Parris, WA7JEP      John Moore, K7NIA**  
**Robert Rouleau, KF7EFL**  
**Julieta Welcker, YL-WB4KGY**  
**Alvin Johnson, KF7JQP**