

## CLALLAM COUNTY AMATEUR RADIO CLUB

QTC  
FEBRUARY 13

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

We seem to get few visitors on the repeater, but I like knowing it's there if we need to talk to someone. I have heard the occasional traveler as they pass through town, and usually a helpful CCARC member is there to answer. It's used often for checking transmission and receive audio, and even the occasional kerchunck as someone invariably drops the microphone on the desk.

The seldom-seen surprise is when one apparently too young to have a valid license grabs that same microphone and tries to start a conversation. The pleasant surprise is the member who answers and makes certain the young one knows how to hang up the mic correctly. Good thing we have experience!

See you on the net.  
KF7VZZ testing, and clear.

### Washington Senate Proposal SB 5000 concerning Amateur Radio Towers

This bill "Requires certain temporary or permanent guyed towers to be lighted, marked, and painted or otherwise constructed to be visible in clear air during daylight hours from a distance of not less than two thousand feet." Amateur radio operators in the Western Washington Section are asked to write their legislators in the house and senate requesting a no vote on Senate Bill 5000. As noticed by several hams there are inconsistencies in the bill that makes it preferable to ask our lawmakers to vote against the bill. Use this link to locate your legislators and to send them an e-mail: <http://app.leg.wa.gov/DistrictFinder/>

A clarification is needed regarding the chair of the Transportation Committee. Rep. Judy Clibborn is Chair of the House Transportation Committee. The Senate Transportation Committee is co-chaired by: Senator Curtis King (R) 14th District Yakima County [curtis.king@leg.wa.gov](mailto:curtis.king@leg.wa.gov)  
Senator Tracey Eide (D) 30th District King County [tracey.eide@leg.wa.gov](mailto:tracey.eide@leg.wa.gov). In 2007 Sen. Eide was helpful to the amateur radio community by supporting HB 2335 which saved repeater operators from having to pay commercial rates for sites on state property. Since the Sen. Honeyford's intentions are not clear your assistance is requested by taking a few minutes to contact your legislators and ask them to vote against SB 5000. Thank you, your active involvement with this bill is very much appreciated.

ARRL Western Washington Section  
Section Manager: Monte L Simpson, K2MLS [k2mls@arrl.org](mailto:k2mls@arrl.org)

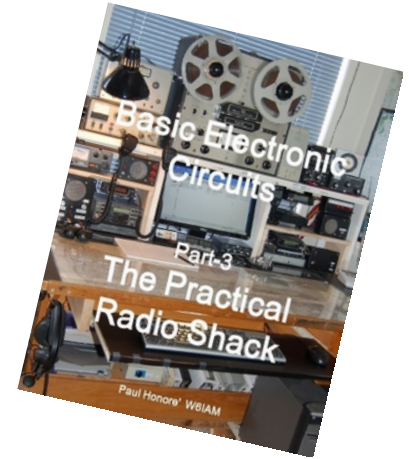
**Get Your License Here!**

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:**

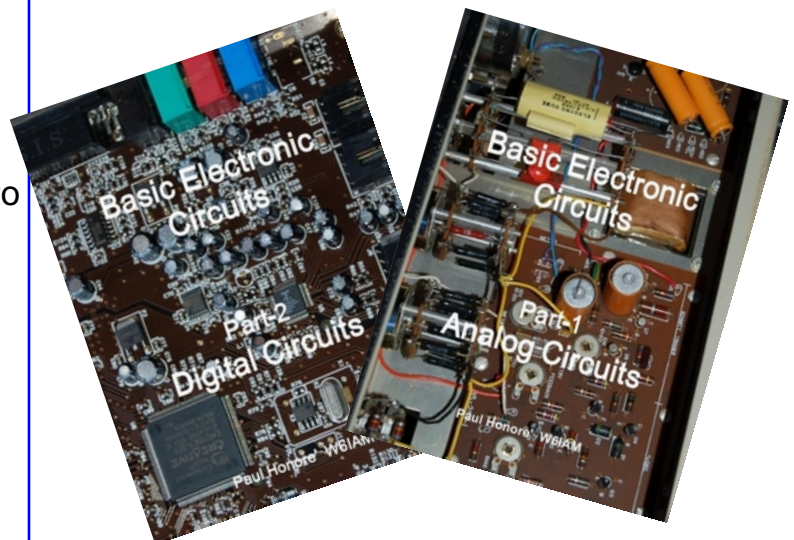


- IC-746 (Not PRO)
- Icom power supply for IC-746
- Heil Microphone for IC-746
- CT-17 interface for IC-746
- MFJ Differential T Tuner
- G5RV antenna
- Vibroflex Square Racer Deluxe key
- 50-100 feet Ladder line (never used)
- 2 Meter J-Pole Antenna (never used)
- MM3 Morse Code Machine with manual

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  
Wednesday, January 9th, 2013

***Will be provided under separate transmittal.***

**PhoneSat 1.0 during high-altitude balloon test. Credit: NASA Ames Research Center**

The fast-paced proliferation and popularity of mobile devices here on Earth, like smartphones loaded with powerful operating systems, will find a new niche market— this time in space, thanks to NASA’s trailblazing PhoneSat project. To be rocketed into space early this year, PhoneSat is set to showcase use of lower cost, off-the-store-shelf, commercially available technology that enables space commerce, educational activities and citizen-exploration.

“PhoneSat demonstrates a philosophy of taking a creative idea, then building and testing that inspiration in a very rapid way...as opposed to long planning processes typical of larger spacecraft programs,” said Andrew Petro, NASA program executive for Small Spacecraft Technology within the Space Technology Program at NASA Headquarters in Washington.

Petro said PhoneSat is an out of the box activity, one novel pathway being explored for small-sized satellites that, quite literally, “chip away” at lowering the cost of constructing future spacecraft. PhoneSat takes advantage of commercial products already imbued with speedy computing chips, lots of memory and ultra-tiny sensors like high-resolution cameras and navigation devices. That’s a mix of attributes akin to what spacecraft require, Petro said. “Those are already built into a smart phone and that’s what we’re taking advantage of in the PhoneSat Project, which could ultimately lead to very low-cost satellite designs.”

**Non-traditional hardware**

“From the programmatic level, we’re exploring the use of non-traditional hardware and systems providers...outside of what you normally call the aerospace industries,” said Bruce Yost, manager of the Small Spacecraft Technology program at the NASA Ames Research Center at Moffett Field, Calif., home to a tight-knit team of engineers that conceived of and developed PhoneSat. “PhoneSat is a way to find other ways to do some of our space missions in a non-traditional manner,” Yost said. There are three prototype satellites built for launch in the PhoneSat Project, each a “nanosatellite” that is a 4-inch cube and weighs just three pounds. The three PhoneSats are dubbed Alexander, Graham, and Bell.

PhoneSat 1.0 makes use of Nexus One smartphone technology made by HTC Corporation and Google’s Android operating system. “We’re providing a set of 3 satellites, inserted into a spring-loaded dispenser attached to the launch vehicle. They’re stacked in there like a toaster,” said Jim Cockrell, PhoneSat 1.0 project manager at NASA Ames. An Orbital Sciences Corporation Antares booster, roaring skyward from NASA’s Wallops Flight Facility at Wallops Island, Va., will eject the trio of PhoneSat spacecraft into low Earth orbit in 2013.



For more information about PhoneSat, visit: <http://go.nasa.gov/ZoNxpq>

## **Washington Worked All Counties Award, Rick Smith, KT7G**

Washington - Worked All Counties Award (WA-WAC) sponsored by the Clark County Amateur Radio Club, Inc. (W7AIA). Work all 39 counties of Washington State after 1 January 1995 and receive a beautiful certificate.

Any Amateur who confirms 2-way QSOs via CW, SSB, FM, RTTY, or Satellite with stations in each of the 39 Counties in Washington may apply for this award. For more information: [www.w7aia.org/awards.htm](http://www.w7aia.org/awards.htm)

## **COMET OF THE CENTURY?, Chuck Jones, N7BV**

Later this year, Comet ISON could become bright enough to see in broad daylight when it passes through the atmosphere of the sun. At the moment, however, it is a cold and lonely speck barely visible through backyard telescopes. Two nights ago, Pete Lawrence of Selsey, UK, photographed the potentially-great comet moving through space near the orbit of Jupiter "I created this animation using images taken through a 4-inch refractor, starting at 23h on the 15th of January and ending at 01h on the 16th," says Lawrence. "The comet is clearly visible moving among the stars of Gemini, in an area just to the south of Castor."

Comet ISON looks so puny now because it is more than 600 million km away. In late 2013, however, it will be much closer. A key date is Nov. 28th when Comet ISON flies through the solar corona only 1.2 million km from the surface of the sun. If the comet survives the encounter --a big IF--it could emerge glowing as brightly as the Moon with a sensational tail sure to create a worldwide sensation. Stay tuned!

## **Communications Academy 2013 - 04/13-14/13, Chuck Jones N7BV**

The Communications Academy is and has been the premier training and networking opportunity in the Pacific Northwest. The theme: "Maintaining Readiness When Nothing Bad is Happening" realistically states the job of all EMCOMM leaders. We must keep our staff motivated and interested in honing their skills and keeping constant contact with our stakeholders. Hams new and old, EMCOMM or not will enjoy and benefit by this opportunity.

The 2013 Communications Academy - our 15th - will be held over the weekend of April 13th & 14th and you're invited! CommAcademy will be held at South Seattle Community College and features 30+ presentations on emergency response, emergency communications, radio basics, digital emergency communications, recent major disasters, and disaster preparedness. The theme for the 2013 CommAcademy is "Maintaining Readiness When Nothing Bad is Happening." Lunch for both days is provided, morning refreshments are provided, there are raffles and door prizes and exhibitors will be onsite with radios, software, clothing and lots of other accouterments for what we do! Registration for 2013 CommAcademy will open in mid-February and for more information [www.CommAcademy.org](http://www.CommAcademy.org).

## J Pole & Kenwood TS 830



A 2m/440 J pole for sale \$15.00.

Also a complete Kenwood ts 830 station for sale. with or without the SM-220 monitor.

Burt Blatter, KN7R  
457-4049

## CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

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### FROM OUR TREASURER:

As of January 31, 2012:

First Federal Savings & Loan of Port Angeles Balance:	\$ 8,589.47
Outstanding Checks:	\$0.00
<b>Checkbook Balance:</b>	<b>\$ 8,589.47</b>

Thanks,

*Ernie Griffith*  
W7EWG  
CCARC Treasurer

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Feedback, Comments or Article submissions are appreciated to  
CCARCQTC@Yahoo.com

**Thank you for your Contributions, Ed**

## COMING EVENTS

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

## **CLUB OFFICERS For 2013**

**President:** *Mike Rice, KF7VZZ*

**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!



[ccarcwa@groups.facebook.com](https://www.facebook.com/groups/ccarcwa/)  
<https://www.facebook.com/groups/ccarcwa/>

**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

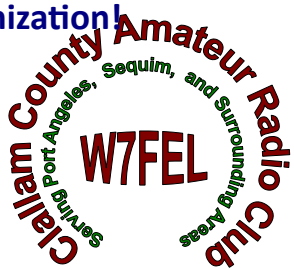
You may begin bringing in your payments of Cash or Check (Payable to CCARC) to February's Meeting on the 13<sup>th</sup>. You may also mail them to:

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**  
**March 8**  
**Fiesta Jalisco Restaurant**  
**636 E. Front 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

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. Feb. 13 @ 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!**

**David McCoy, KE7JEJ**  
**Mary Tate, AC7IY**  
**Kathy Popowski, W7ALP (YL)**  
**Bruce Reiter, KD7WBM**

**HAPPY BIRTHDAY!**