



CLALLAM COUNTY
AMATEUR RADIO
CLUB

QTC
AUGUST 13



This is a picture of N7TY, son of Bruce W7DNA of Port Angeles operating W7FEL. At the time he was 15 or so, licensed as WB7RHT and a general class ham.

SDR Kickstarter **'HackRF'**

This software defined radio kit is a new project on Kickstarter, a crowd-funded support website. 30MHz to 6000MHz via USB.

<http://kck.st/1eb5z2S>

Field Day Pictures

<http://bit.ly/11XSXtE>

Remote Control Stations are Here, subscription usually required.

I am a member of 3 clubs that provide a remote HF portal. One is a 501(c)3 so we can write off donations, the second is not so we can not write off donations and the third is an individual who owns all that is donated to the cause.

The first is a modest station, second not quite a lil' gun and the last is a big gun. I have donated money and equipment to all 3, but I don't use them. I believe it is good that all appropriately licensed hams have access to HF if they want it. Keith, W7DXX, has researched this issue <http://www.w7dxx.com/legal.htm>

I know there are others out there, and there is one that has a very impressive membership fee. Not quite Formula one but near that of a top placing NASCAR team.

I also can provide a remote HF portal to others should I wish to. My station is probably a lil' gun+, depending if the antenna is cranked up or not. lol Ciao baby, catch you on the flip side. GEO <http://www.w3ab.org>

A Maunder Winter?

Within the last week or two there have been articles in the main stream of the magnetic reversal of sunspots which indicates the end of the solar peak. It is predicted these changes will happen within the next 4-6 months. This will be a slow process, you will not a wake up one morning to find all the sunspots will have changed polarity.

Recently at the Pacific Northwest DX Convention, hosted by the Spokane DX Club, Randy Crews, W7TJ spoke on "Preparing for the Propagation Winter". It was an eye opening experience for many attendees, myself included. If the predictions come true, I and many others have worked our last good Sun Spot Cycle Peak.

While Sun Spot Cycle predictions are a little like weather forecasting, information is much better today than ten years ago. There is a lack of records on cycles which make long term predictions difficult. "Do a search on maunder minimum global cooling", look at the chart on <http://www.globalresearch.ca/nasa-we-may-be-on-the-verge-of-a-mini-maunder-event-is-a-planetary-cooling-spell-straight-ahead/5318725> . Notice the Maunder minimum period of 1650-1700, not good!

There are cycles within sunspots cycles other than the 11-year cycle which are debated and because of a lack of data before 1600 are unknown.

Will there be a Maunder period? Possibly, remember the charts that appeared in most Ham radio magazines showing predictions from the low end to the high end (over 200) for cycle 24 (just broke 100). Guess we will have to wait and see.

73, Chuck N7BV

[Get Your License Here!](#)

Call **Chuck** N7BV 452-4672 for information or see the clubs website at olyham.net.



Chuck N7BV
ARRL VE-L



Repeater for Sale

Repeater, 2 Watt, 115 VAC.
147.33 MHz, needs duplexer,
commercial built
Brand: Ritron Inc., Carmel,
In., USA

FCC ID: AIE9QZRR-150

Output power ~ 2 Watts

Frequency: presently on 147.33 MHz, can be recrystaled.

Duplexer not included but Amplifier is included.

Tone set up for 100 Hz but changeable by DIP switch.

Size: 4" H x 11.5" W x 10.5" D.

Manual not available, schematic inside.

Was in use with separate transmit and receive antennas.

Price: \$199.

**AL7KK Rob Wilson,
360-457-7827**



I recently updated my VSWR charting tool and posted Revision 5 to this Dropbox location:

<http://bit.ly/162FiSO>

Using this new version allows you to chart both "before and after" VSWR curves to help visualize the effect of any adjustments you made to your antenna. You can print the charts for future reference.

Many higher priced antenna analyzers provide a built-in LCD graphing display. This VSWR charting tool can help you achieve the same result at a fraction of the cost. Actually, at NO cost, it's free!

73 de Bob - K?RC in MN



**CLALLAM COUNTY AMATEUR RADIO CLUB
GENERAL MEMBERSHIP MEETING
July 10, 2013**

1900L Call to order; Pledge of Allegiance; and members introductions.

Discussion on TNT equipment accessories needed.

1914L June General meeting minutes approved with upgrade per Becky.

1936L Discussions and approval of a monthly raffle. Tickets \$1

Monthly prize will be a small one. No value set – something left over from the SK sales. This sale will end after these left over items are drawn.

Tickets will remain in a box for a larger valued item at the end of the sale period.

2000L A scholarship fund to honor AC7RK and KE7XX. It was discussed to do this either directly to the ARRL to be combined with other small scholarships or to the Northwest Division's scholarship fund. Chuck N7BV was tasked with trying to get someone from the division to speak to this at the August.

The board announced two board items that were approved by Email:

Approval to buy a voltage regulator for the East End gateway at Bob's K6MBY, place.

Approval of moving our banking to Sound Bank.

Break for coffee.

2020L New Business:

Thoughts on using Octopus to extend coverage to the West End.

TNT fireworks stand conflicts with Field Day in 2014. No real resolution found. Club will explore seeing if we can use the property in front of Wal-Mart that is for sale or perhaps find a way to run 1a from a vehicle in Wal-Mart's parking lot.

2100L Meeting adjourned.

Respectfully submitted,
Chuck Jones, N7BV
CCARC Secretary

Contest University

Programs available online

Icom has posted the classes from 2013 Contest University at Dayton Hamvention. These are available on YouTube, follow this link for the listing:



<http://tinyurl.com/2013ContestU>

Submitted by Chuck Jones, N7BV

CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

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### FROM OUR TREASURER:

As of May 31, 2012:

|                           |                     |
|---------------------------|---------------------|
| Club Balance:             | \$ 11,251.37        |
| Outstanding Checks:       | \$0                 |
| <b>Checkbook Balance:</b> | <b>\$ 11,251.37</b> |

Thanks,

*Ernie Griffith*  
W7EWG  
CCARC Treasurer



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

Thank you for your Contributions, Ed



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

Thanks to Website Administrator Rik, W7RIK!

### Yeasu FT-101ZD

Recently aligned to factory specs.  
New Mil-Spec matched pair 6146 finals.  
Spare set of finals and new 12 BY7A driver.  
Spare set of 7 segment LED readouts.  
Contact: Thom Davis - W6LDX -  
360-477-8006

## 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*

**YL LUNCHEON**  
**Sept. 13**  
**Sergios Mexican**  
**Port Angeles**  
**Time: 11:30 a.m.**

*Find us on the web at*  
**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

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                             | Smugglers Landing<br>115 E. Railroad Ave                      | Chuck Jones, N7BV<br>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<br>360-452-4672 |

**HAPPY BIRTHDAY!**

|                          |                           |
|--------------------------|---------------------------|
| Al Fisk, KC7TFK          | Nola Judd, KD7ZNW         |
| Casey Hicks, KJ7XE       | Charles Stroehrer, WA7EBH |
| JoAnn Tilton, YL/AD7TV   | Richard Peterson, KE7Z    |
| Rik Scarirpon, WX7RIK    | Jess McKenzie, AF7X       |
| Joam Merrikin, YL, AE7IP | Stan Cowen, KI6HCW        |

**HAPPY BIRTHDAY!**