



QTC
MARCH 2015

**CLALLAM COUNTY
AMATEUR RADIO
CLUB**

Kids Fest was fun

By Bill Carter, W7WEC



David, Bill, and a guest operator.

So what does this have to do with Ham Radio? Ham Radio was there, and Club and ARES members showed off our stuff. David Hannon KE7TTT set up his portable two meter station. He showed them how to use the microphone and suggested things to say. We kept the repeater busy by letting the kids talk. Bob Mills, KE7HQB and Valerie Hannon, KF7VAL were the remote operators who chatted with the kids. There were at least twenty five kids that used a microphone for the first time.



Al and the table with goodies.

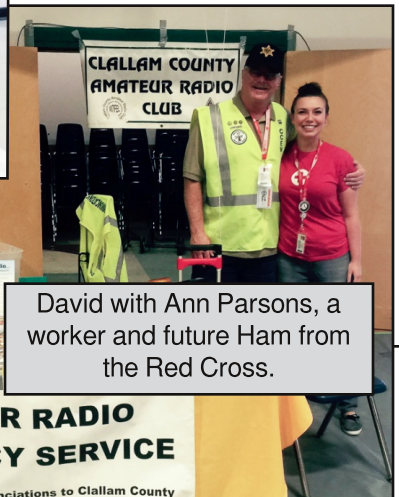


David with a brave young visitor to the station.

Bill Carter, W7WEC and Al Dawson, W7YLV were there to relieve David KE7TTT on the radio and help with setting up, handing out the material and tearing down. It was a very active day and non-stop with visitors.

What is Kids Fest?

That's an indoor and outdoor gathering where kids get to sit on Fire Trucks, Sheriff's Incident Command vehicle, and look in Police Cars. They prowl for swag at various tables. There are comic books, pictures to draw, magic pencils that change colors, and lots of handouts. There must have been twenty five different organizations with displays and tables.



David with Ann Parsons, a worker and future Ham from the Red Cross.

A Super Simple and Cheap Wire Yagi for 20 Meters

By Robert Wilson, AL7KK, 360-457-7827

Here is how to build a very simple Yagi antenna for 20 meters with 11 dBi gain and not spend much money. It takes two wires made of number 14 American Wire Gage (AWG) with a total length of 80 feet, and that includes a little bit of wire for wrapping the five required insulators in place.

First cut the antenna wire so it is 34 feet long with four 3-inch wrapping overlaps. One insulator is at the exact center and will be fed with 50 Ohm coax with a 6 inch coil of coax just down from the insulator to act as a isolation balun.

Next cut second wire as a director 34 feet 6 inches long. The actual length of this wire will be 34 feet and two end sections 3 inches long are required for securing the two insulators.

The two wires now need to be separated by 13 feet using two boards 1 inch thick by 3 inches wide by 13 feet 3 inches long. You will need to pull the completed antenna up between two trees or other supports some 33 feet or more high. The height is what makes the gain of 11.26 dBi (decibels referenced to an isotropic reference antenna). With the wire lengths given, and all the dimensions given you should be able to plug your coax right into your 20 meter rig and get good results, if you have it pointed in the desired direction. Good luck.

CCARC Meeting Schedule

Clallam County ARES/RACES meeting

7 pm, first Tue of every month,
Clallam County Courthouse EOC, 223 E. 4th St., PA,
Bill Carter, W7WEC 360-681-4375

Clallam County Amateur Radio Club general meeting

7 pm, second Wed of every month,
Port Angeles Fire Station, 5th & 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

As Announced
Dennis Tilton AD7TV

Clallam Country Amateur Radio Club YL Social Lunch

11:30 am 2nd Fri of every month
Chuck Jones, N7BV 360-452-4672

Club Officers for 2015

President	George Hutchinson	W7TTY
Vice President	Dennis Tilton	AD7TV
	360-452-1217	ad7tv@wavecable.com
Secretary	Chuck Jones	N7BV
	360-452-4672	n7bv@yahoo.com
Treasurer	Ernie Griffeth	W7EWG
	360-808-6668	
Board Member	Bill McPherson	W6JEQ
	360-808-2069	dezertrat@wavecable.com
Board Member	Sheldon Koehler	N7XEI
	360-457-3029	
Board Member	Jeramey Johnson	KF7PMC
	253-254-6225	

COMING EVENTS

03/21/2015

MicroHAMS Digital Conference
Location: Redmond, WA
Type: ARRL Convention
Sponsor: MicroHAMS Radio Club
Website: <http://www.microhams.com/mhdc>

04/11/2015

Communications Academy 2015
Location: Seattle, WA
Type: ARRL Convention
Sponsor: ARES of King County, Bellevue
EARS, Seattle ACS, & WWA Medical
Services Communications
Website: <http://www.commacademy.org>

Treasurer's Report

As of Feb 28, 2015

Bank Saving	7005.20
Bank Checking	2125.05
Savings CD	1000.00
Total	10157.25

Ernie Griffith W7EWG
CC-ARC Treasurer

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.

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

CCARC Board Minutes 2/10/2015

Meeting called to order. In attendance: Bill W6JEQ (COB), George W7TTY, Dennis AD7TV, Bill Carter W7WEC, Sheldon N7XEI, Doug WB4KGY, Ernie W7EWG, David KE7TTT, Mike KF7VZZ, Chuck N7BV, and Rob AL7KK.

Established regular Tech Committee meetings? No resolution, no committee chair yet.

What is the current/future of the DNR situation? No real resolution, however events have over taken this issue which will be a topic of for the Communication Academy in April.

Where do we stand with the 501(c)3 applications – Ernie is working with Karen Jones on it.

A “Day of Presentations” was approved for to explore.

Move trailer from Johan’s storage? Sheldon, Bill and Chuck to explore status. Bill W7WEC to check with county re parking.

Budget briefed by Ernie. According to the Bylaws \$1000 is supposed to be set aside for repeater maintenance. To ensure this mandate was fulfilled Ernie has gotten a \$1000 CD.

Repeater upgrades etc – update WARA info.

Forks to use (be trained) to use Echolink for nets until repeater system upgrades are completed.

Bill C. W7WEC requested \$500 to replace the battery at the Red Cross. This need was overtaken by events, in that ARES will explore asking the Red Cross to procure.

An offer of another 19” rack was turned down, however ARES might want it for Forks.

Anyone having a power supply that could be used at Field Day see Sheldon.

Meeting was adjourned at 1010L

General Meeting Minutes 11 February

1904 Meeting called to order. Pledge of Allegiance.

1905 Minutes for January’s meeting was approved, as printed in the QTC newsletter.

1907 Treasurers report was approved as printed in the QTC newsletter.

1912 A \$100 donation was approved for Mary Tate's memorial at the hospices she resided in.

1918 Board meeting review was given by Bill W6JEQ

1928 A letter to DNR was suggested, Chuck N7BV was to do the first draft. Note this has been overtaken by events.

1935 Bill W6JEQ announced an SK Sale which he and George W7TTY were going to look at.

1940 Coffee Break.

1955 Meeting reconvened for the presentation by Bob Sampson (K6MBY) and Doug Welcker (WB4KGY) gave an update on improvements to the CCARC repeater system.

2051 Meeting adjourned.

Respectfully submitted;

Chuck Jones, CCARC Secretary

This month CCARC is pleased to present
"Impedance Matching," by Ward Silver, QST writer and editor of the ARRL Handbook and ARRL Antenna Handbook.
 Come and win an older ARRL Antenna HandBook!

Solicitations from the Editor's Desk:

The Club would like to participate in both Field Day and the Fireworks Stand. Many people are waiting for Field Day to roll around, it's a popular and interesting activity. On the flip side, the Fireworks Stand is popular with the public. But for the Club, it's our stand-out method of raising funds. We use our funds for Club activities such as Field Day, and maintenance, installation, and replacement of repeaters and equipment (for Field Day too!).

We need help: volunteers who can dedicate time and make a commitment to stay with the Fireworks Stand. We'd hate to lose the spot, and with the City of Port Angeles outlawing fireworks inside city limits, our sales could only increase at our County Location at WalMart. Stay tuned!

AMATEUR RADIO LICENSE CLASS

Date: April 4, 11, and 18

Time: 0900 to 1700

PA Fire Department 5th and Laurel Street

EXAM: April 18, 2015 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 4, 11, 18, 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 18 is a class/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 final exam session cost is \$15.00 for processing by the Club and ARRL.

Those earning their FCC license will be allowed to communicate with other hams world wide, and to participate in the Amateur Radio Emergency Services locally.

For more information, or to register for the class, call Chuck Jones, N7BV, at 452-4672 or Dennis Tilton AD7TV, at 452-1217.



CCARC Committees

Activities Chair:

Nita Lyman KE7DRT

Education and Training:

Chuck Jones N7BV

Field Day Co-Chairs:

Al Fisk KD7TFK, Vacant

Health and Welfare:

Becky Winters W7RJW

Membership Chair:

Ernie Griffith W7EWG

Net Coordinator:

Mike Rice KF7VZZ

Program Co-Chairs:

Paula K7PAX,

Rob AL7KK,

Chuck Jones N7BV,

Public Relations Chair:

Bill McPherson W6JEQ

Publications/Newsletter:

Chuck Jones N7BV,

Jeramey Johnson

KF7PMC,

Mike Rice KF7VZZ

Technical Committee:

Ernie Griffith W7EWG,

Doug Welcker, WB4KGY

Web Site Administrator:

Rik Scairpon WX7RIK

CCARC QTC Newsletter

We need articles for the newsletter every month! Tell us what you're building, fixing, breaking or buying! Tell us what you have for sale, want to buy, or have to trade! Even a clean joke is okay.

Send your items to our email address: ccarcqtc@yahoo.com. Please don't worry about formatting, we're just going to reformat it to fit. But we will not edit for content; it's your story after all!

Thanks, the staff!

Not on the Club Roster? Forget to pay your dues? We can Help! Contact Ernie W7EWG for details.

April Birthdays

Lee Bond	N7KC	Apr 4
Stephen Baranowski	N1SB	Apr 10
Glen Muir	WA6RQW	Apr 12
Al Dawson	W7YLV	Apr 13
Nancy McPherson	W6JEQ YL	Apr 26
Danny Smith	KD7UFF	Apr 27

Have an idea for a club program?

Pass it along to the program committee: Paula K7PAX, Chuck N7BV or Rob AL7KK.

Thanks!