



CLALLAM COUNTY  
AMATEUR RADIO  
CLUB

QTC  
MAY 16

### Spurious Emissions from AD7TV

One of the exciting things about amateur radio is that it has so many facets that continue to multiply. When I was first licensed, back in 1961, my first receiver was a Collins 75A1 that weighed more than fifty pounds. My first transmitter was a Eico 720 with a Knight kit VFO that fed a 137 foot long wire strung between my rented second floor room to a pine tree in Burney California.

I'll never forget the first DX station I worked was JA1FTL in Japan. He was running a home brewed 807 transmitter at about 35 Watts, CW. Over the next few years came marriage and the purchase of our first home. The rigs progressed to a Hallicrafters SX-101 with a Gonset GSB-100 transmitter that was a great CW and SSB rig. These were followed by Heathkits and various other setups. After about eight years, raising a family and work got in the way and I let my ticket lapse. It wasn't until retiring to Port Angeles in 2003, that I got back on the air.

Boy, how things had changed! CW and SSB were still here but now there was PSK 31, computer interfaces, tiny little radios that would put out 100 Watts and covered all ham frequencies from 160 meters to 70 cm.

I built a simple one transistor sound card interface that allowed me to get on PSK. Then Software Defined Radio (SDR) caught my interest and I built a simple little transceiver kit that put out one Watt. I then home brewed a little ten Watt amplifier to boost that up a bit. These were exciting and creative projects and I was constantly learning new things.

The excitement continues as my test bench continues to grow with instruments that, in the past; I could only dream about owning. Now it is available as high quality surplus equipment, inexpensive microprocessor controlled frequency counters, RF Volt meters and Antenna analyzers.

The point I would like to make is that we do not have to settle on just one facet of ham radio. It is fun to expand our knowledge base and learn new and exciting things. Amateur radio has so much to offer in all areas. Social, technical, public service, competition and so many others.

I encourage each of us to look around, read, search the internet and explore for areas that may tweak your interest. Ham radio is fun and I challenge you to expand your horizons.

In closing, I encourage you to attend this Wednesdays meeting. The presentation will be given by a special guest from Bellingham on how not to put up a tower. Till then,

73, Dennis Tilton AD7TV  
President, CCARC

## Get Your License Here!

**Next Classes  
Oct-Nov 29 & 5 & 12**

**Next Exam  
July 25 1300  
At Field Day**

**Chuck N7BV  
ARRL VE-L**

## May Program

"70 Years Of Antenna Disasters."

John W7KCN - Bellingham

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!

## 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,

Have an idea for a club program? Pass them along to the members of the program committee: Paula K7PAX, or Chuck N7BV.

Thanks.

## 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.

## Field Day 2016

Yup, it's that time of year again! June 25<sup>th</sup> and 26<sup>th</sup> is the 2016 ARRL Field Day.

Field Day is a great opportunity to try out HF, even if you are only a Technician Class operator. We run under the club call sign, W7FEL, and we have an Extra on site at all times. Please don't be shy, come on out and give it a try.

For those new to Ham Radio or new to the club, Field Day is an annual event put on by the ARRL. It accomplishes 3 things. First, it lets us set up radio gear in an "off grid" environment to let us test an emergency situation. Our club runs primarily on a generator. Last year one club member ran a radio setup on solar. Second, from 11am Saturday to 11am Sunday, it is a contest. We try and get as many contacts around the world as we can. We did pretty good last year for a club of our (small) size.

Lastly it is an important social time! As a club we get to mingle with other members and show off to the public our hobby. There are planned meals, a GOTA (Get on the Air) radio for non hams or inactive hams to try out a radio. Other agencies will be there from 12-5 on Saturday to promote their emergency preparedness capabilities.

This year we will be having a testing session on Saturday as well. No class, but come and take the test to upgrade. Tentative time is 1pm, more details as we get closer to Field Day.

We start setup at 9am on Friday the 24<sup>th</sup> at the Clallam County Fairgrounds in the carnival field. We are always looking for help to set up and we do get fed for helping out. We need tent installers, radio hooker uppers, computer installers, cable runners and so on. A lot goes into setting up for Field Day.

If you are interested in being part of the tower crew, contact Dennis, AD7TV, about the up-coming class on how to install our portable 70' tower. This class is required for safety reasons and is quite fun. And watching this go up is cool!

And of course we need radio operators. Operation starts at 11am Saturday and radios run until 11am Sunday. Saturday evening is the busiest time, but late night and Sunday mornings are usually available to operate. And late night usually gets lots of contacts!

We then start load-out at 11am on Sunday to put it all away until next year.

I will be cooking again this year and food sign up sheets will be at the May and June club meetings.

Sheldon Koehler, N7XEI  
CCARC Chairman and Field day Co-Chair

**Ramblings:****Here are some ramblings from this months editor:**

FIELD DAY (FD) is now less than 2 month away. Bob Sampson, K6MBY and Dennis AC7TV spent the better part of a day checking out our rigs to ensure they still work. Next will be checking out our computers and rig-to-computer interfaces.

(FD) A class on setting up the mobile crank-up tower for use at FD.

(FD) A crew to clean the tri-band antenna and ensure it is working.

Here is the first three para's from the ARRL "2016 Information Packet"

“ The imagination is one of the greatest tools in anyone’s toolbox..... and hear in your mind’s eye the sounds of last year’s ARRL Field Day.

Field Day is always a different experience - not just from group to group but also from year to year. Set-ups change... Propagation changes... Participants come and go... Equipment from last year may be replaced with the next generation of gear... The tree used to support the 75-meter inverted-vee last year may have come down for firewood or some other purpose. That’s one of the beauties of the Amateur Radio – we are always in some way given the opportunity to embrace change.

Adapting to those constant changes is where your imagination really comes into play for Field Day. That state of flux always provides everyone participating with the opportunity to share their knowledge, as well as learn from others. After all, once the last QSO is recorded and the last sweep to clean up the site is complete, it is really about the people – those we worked with during those magical hours and those we contacted during the brief weekend. “

Read the entire pdf at [http://www.arrl.org/files/file/Field-Day/2016/2016FD\\_packet.pdf](http://www.arrl.org/files/file/Field-Day/2016/2016FD_packet.pdf)

We could use a couple of people to study this guide to ensure we are 1) operating correctly and 2) not missing out on any opportunities to maximize our score. Do not count on us/ them Old Timers to remember everything. Heck, I have to check my drivers license a couple times a month to see who I am!!

Tks. 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  
CCARES Net Control Coordinator



**What's new on Ham Nation?**

<http://twit.tv/hn>

Check out the new format.

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



**FOR SALE or TRADE**

**Drake TR-7 HF Transceiver & R-7**

Receiver. This was one of the best pairs made in the 80's. Still places on Sherwood Engineering's Lists see <http://www.sherweng.com/table.html>  
*Contact Chuck N7BV and I will put you in touch.*

**FREE**

One inch aluminum tubing It would make a good boom for a home brew 144/220/440 yagi. Available lengths are 86", 110", and 168". Contact 360 928-2580. Doug Welcker (WB4KGY)

**CCARC Committees**

**Activities Chair:** Nita Lyman KE7DRT

**Education and Training:** Chuck Jones N7BV

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

**Health and Welfare:** Becky Winters W7RJW

**Membership Chair:** Mike Rice KF7VZZ

**Net Coordinator:** Mike Rice KF7VZZ

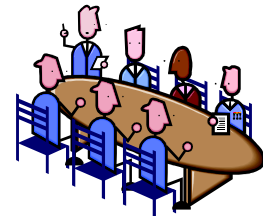
**Program Co-Chairs:** Paula K7PAX, Rob AL7KK, Chuck Jones N7BV,

**Public Relations Chair:** Bill McPherson W6JEQ

**Publications (Newsletter):** Chuck Jones N7BV, Jeramey Johnson KF7PMC, Mike Rice KF7VZZ

**Technical Committee Coordinator:** Doug Welcker, WB4KGY

**Web Site Administrator:** Sheldon Koehler, N7XEI



## **CCARC General Meeting 2016-04-03**

1920 Call to Order, Pledge of Allegiance, Introductions

Minutes from March were accepted as printed in QTC

Presentation by AD7TV, Dennis provided a Spectrum Analyzer for members to demonstrate the spectral purity of their HT's. A power strip was provided by Herm KG7WMZ.

A video of a Dxpedition was played.

Treasurer's report was printed in the March QTC

We welcome all the new hams to our group here in Clallam County.

Our training and testing session produced Eleven new Technicians; seven General; and two Extras.

Congratulation to all!

Thank you to whomever placed this in the PDN.



**TREASURER REPORT As of FEB 29, 2016**

Checking Account 4,432.19  
 Savings Account 3,026.87  
 CD - Sound Bank 1,013.36  
 Total  
 Checking/Savings 8,472.42

Chuck Jones  
 N7BV  
 CC-ARC Treasurer 2016

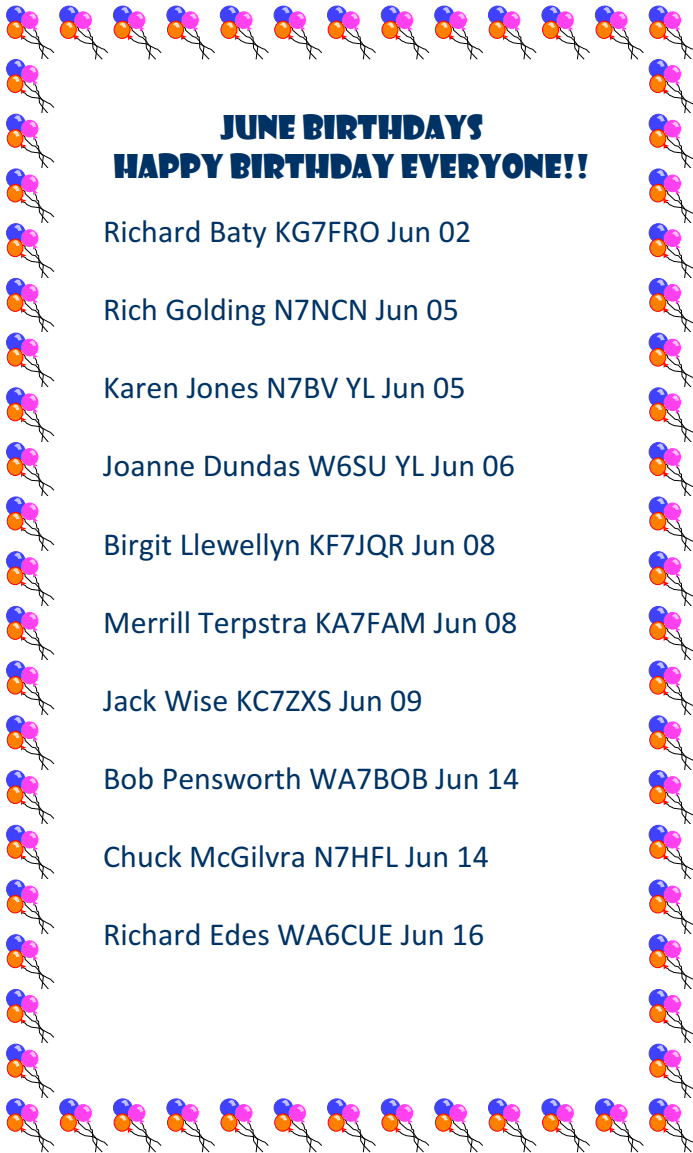
**STRAYS**

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 Birthday lists has not been found—so using lists from  
 past QTC's

**You'll like this YouTube**

<https://www.youtube.com/embed/l3P15s4zWNQ>

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 We would like to *thank Marian McGilvra*, YL of Chuck  
 N7HFL for her always taking the time to coordinate  
 the YL luncheon on the second Friday of the month.



**JUNE BIRTHDAYS  
 HAPPY BIRTHDAY EVERYONE!!**

- Richard Baty KG7FRO Jun 02
- Rich Golding N7NCN Jun 05
- Karen Jones N7BV YL Jun 05
- Joanne Dundas W6SU YL Jun 06
- Birgit Llewellyn KF7JQR Jun 08
- Merrill Terpstra KA7FAM Jun 08
- Jack Wise KC7ZXS Jun 09
- Bob Pensworth WA7BOB Jun 14
- Chuck McGilvra N7HFL Jun 14
- Richard Edes WA6CUE Jun 16

**COMING EVENTS**

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 05/14/2016 | SCARC's 25th Annual Electronic  
 Flea market and Hamfest  
 Location: Stanwood, WA  
 Type: ARRL Hamfest  
 Sponsor: Stanwood-Camano Amateur Radio  
 Club  
 Website: <http://www.scarcwa.org>

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**NEXT YL Luncheon**

**May 13 Friday**  
Downriggers  
115 E. Railroad Ave  
Port Angeles

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

**2015 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. - PA  
**August** - Mariners - 609 W. Washington - Sequim  
**September** - Asian Buffet - PA  
**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, 1st Tue of every month	Clallam County Courthouse EOC, 223 E. 4 <sup>th</sup> St., PA	Bill Carter 360-681-4375
Clallam County Amateur Radio Club general meeting	7 pm, 2d Wed of every month	Port Angeles Fire Station 5th and Laurel, PA	Chuck Jones N7BV 360-452-4672
Clallam County Amateur Radio Club social breakfast	8 am, 1st Sat of every month	Bi-Monthly Joshua's Restaurant, PA & Mariner Restaurant, Sequim	Chuck Jones N7BV 360-452-4672
Clallam County Amateur Radio Club YL social lunch	11:45 am 2d Fri of every month	Rotates - announced on Thursday night Net (See QTC Newsletter)	

**CC-ARC Welcomes new member/s:**

Welcome to the 15 new technicians,  
from our spring class.

**CLUB OFFICERS For 2015**

**President:** Dennis Tilton AD7TV 360-452-1217 ad7tv@wavecable.com

**Vice President:** Bill Todd, N7MFB (360) 477-5427 wptodd@wavecable.com

**Secretary:** Mike Rice KF7VZZ (360) 912-2395 kf7vzz@gmail.com

**Treasurer:** Chuck Jones N7BV 360-452-4672 n7bv@yahoo.com

**Board Member (Chairman):** Sheldon Koehler, N7XEI (360) 457-3029

**Board Member:** 2d Jeramey Johnson, KF7PMC (253) 254 6225 KF7PMC@gmail.com

**Board Member:** 1st Yr. Herm Halbach III, KG7WMZ (360) 504-2226 hermh  
halbach@centurylink.net