



CLALLAM COUNTY AMATEUR RADIO CLUB

QTC

AUGUST 07 07

BV Rambles

August has usually been the hot humid summer doldrums back east where I grew up, of course out here summer doesn't start until after July 4th, and thankfully there is little humidity or heat most of the time. Although so far our summer has been a little unusual, it is still the time for antenna work.

There are quite a few new General class hams amongst us now and I would like to suggest you all seek out some information to get your HF stations and antennas up and running before the fall rains begin.

Here are a few web pages with some basic designs and ideas:

1. <http://www.hamuniverse.com/multidipole.html> is a good starting point for a Fan Dipole
2. <http://www.99main.com/~w1amf/dipole.PDF> is another basic multi-band dipole.
3. <http://www.eham.net/articles/10877> discusses the pros and cons of vertical and horizontal antennas.

There are almost as many antennas as there are ham radio operators with an option of what is the best antenna. Basically it comes down to whatever works best for your location. The one thing to keep in mind is a compromised antenna equals a compromised signal. Dick Green editor of 73' Magazine printed an article back in the 70's that purported to reveal the secret of antennas and big signals – the secret was “the bigger the antenna or system – the bigger the signal”.

If you're ever bored on a rainy day and want a little light reading on antennas try <http://www.cebik.com/radio.html> I am sure you will find what you are looking for, and if not, you will certainly increase your knowledge of antennas.

For those of you who have not joined the ARRL may I make a pitch to do so? You will receive a pretty good monthly magazine with many good articles full of ideas, which will keep you up to date with pipe dreams for the future. It is our national voice on many issues with the FCC, and although it doesn't always agree with all of us, it is a bigger voice than individuals.

August has turned into a busy month for CCARC members. August 4th saw a new ham, as one new YL passed her technician exam. Although Carol was outnumbered 4 or 5 to one by the VE's she took it in stride with a 100% correct exam. We look forward to her joining our ranks.

There is The North West DX convention, <http://www.wwdxc.org/convention/> next weekend in Everett, although certainly not in the league of Seaside. It is, as far as I know, the only DX convention in the north-west. The NWDXC rotates between The Willamette Valley DX Club, the British Columbia DX Club and the Western Washington DX Club. <http://wvdx.org/dotnetnuke/> <http://www.bcdxc.org/> <http://www.wwdxc.org/> The next time it will be in our area is 2010.

The biggest star on our calendar has to be August 19th when we will journey to Victoria to be guests of Victoria Short Wave Club. We will leave Port Angeles on the 08:20am ferry and return on the 3pm ferry, or if you like, hang out around the harbor until the 7:30pm ferry. See <http://www.cohoferry.com/schedules.htm> our hosts will meet us on the other side with transportation to the luncheon.

As always, thanks for your time and space. 73, Chuck

With the ARC's planned Picnic in Canada, we should be reminded of the FCC rule on station identification which requires operators to include the local countries prefix in their ID transmission. As K17ZC Portable/VE7.

A recent release from Industry Canada specifically addresses visiting amateurs licensed in the United States and transmitting in Canada.

Standards for the Operation of Radio Stations in the Amateur Radio Service
RIC-2

9. Station Identification

9.1 The operator of an amateur station in Canada shall identify the station by transmitting the call sign assigned to that station.

9.2 The operator of an amateur station licensed by the Government of the United States shall identify the station:

(a) by transmitting the call sign assigned to the licensee's station by the Federal Communications Commission;

(b) if transmitting:

(i) by radiotelephony, by adding the word "mobile" or "portable", or

(ii) by radiotelegraphy, by adding an oblique character ("/"); and

(c) by adding the Canadian amateur call sign prefix set out in Column I of an item of Schedule IV for the geographical location of the station set out in Column II of that item.

9.3 The operator of any amateur station shall transmit the applicable identification referred to in subsection (9.1) or (9.2), in English or in French, at the beginning and at the end of each period of exchange of communication or test transmission, and at

intervals of not more than 30 minutes throughout the period of exchange of communication.

Ref: [http://strategis.ic.gc.ca/epic/site/smt-gst.nsf/vwapj/ric2e.pdf/\\$FILE/ric2e.pdf](http://strategis.ic.gc.ca/epic/site/smt-gst.nsf/vwapj/ric2e.pdf/$FILE/ric2e.pdf)

Bob Stearns K17ZC

Remember Coffee!

We will break for coffee (decaf) and socialize for a few minutes or so during the meeting. Several of us will bring coffee in thermoses or carafes to share.

PROGRAM FOR August

Larry Morris, PUD Operations Facilities Superintendent, will discuss PUD's new emergency callout procedures and home generators.

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.

July Honor Roll

Thanks to all who checked in 100% this month. Good job!

N7BV Chuck*
KE7DRT Nita* (Excused for absence)
W7GRS Roger*
KE7JEJ David
KE7KWG Becky*
KC7LTW Donald
K5MTW Don*
K7NIA John*
KC7NPP Theron*
W7PRS Priss*
KD7TFK Al*

Those with an asterisk after their name are 100% for the YEAR! Keep up the great work everyone.

John K7NIA, Net Control Coordinator

Clallam County ARES/RACES

Clallam County ARES/RACES is actively seeking new members and would like you to consider joining. This is a chance to prepare to be part of a solution during an emergency.

All RACES members are required to pass the FEMA/NIMS training IS-100, 700 and IS-200, 800. These courses are free and have been mandated by Homeland Security. They are available on-line at <http://training.fema.gov/EMIWeb/is/>.

Chuck Jones, N7BV, EC Clallam County

Amateur Radio Classes and Exams:

The Clallam Country Amateur Radio Club 3d quarter [Technician Class](#), resulted in one new Technician class licensee.

Thank you to all the Instructors and Volunteer Examiners.

73, Chuck

NEW TRUSTEE

Bill Johnston, K7WZ has volunteered to be the Trustee of W7FEL.

Bill will have the codes to take care of the repeater and shut it down should the need arise.

We need articles for the QTC newsletter. This is after all your newsletter.

Tell us how you became interested in Ham Radio. What did you do over the summer (just like school) huh!

The more you submit (ccarcqtc@yahoo.com) the less we have to do, or think of. Or less blank space!

Thanks, the staff!

I have heard a lot of misinformation bandied about surrounding these two new laws, would you like to print a clarification in the next QTC?

<Begin article>

In the June QTC there was a sidebar about SB 5037 that stated that the new cell phone ban while driving law becomes effective 1 July 2007. I would like to correct and add to that statement here.

On May 11, 2007, the Governor signed two new laws into effect: SB 5037 and HB 1214. Following are synopsis of the two new laws as enacted:

SB 5037 - Takes effect July 1, 2008.

Background: Under current law, a Washington State Patrol officer may cite a driver with second-degree negligent driving if the driver exhibits dangerous driving behavior while using a wireless device. A rule adopted by the Washington State Patrol provides that a hands-free listening device that covers no more than one ear may be used by a motorist while driving. The intent is to phase out the use of hand-held wireless communications devices by motorists while operating a vehicle.

Summary: A person operating a moving vehicle while holding a wireless communications device to his or her ear is guilty of a traffic infraction, the enforcement of which may be accomplished by law enforcement officers only as a secondary action when a driver of a motor vehicle has been detained for a suspected violation of Title 46 RCW or an equivalent local ordinance or some other offense.

The prohibition against operating a moving vehicle while holding a wireless communications device to one's ear does not apply to: (1) a person operating an authorized emergency vehicle, or a tow truck driver responding to a disabled vehicle; (2) a person using a wireless communications device in hands-free mode; (3) a person using the device to report illegal activity, summon emergency help, or prevent injury to a person or property; or (4) a person using a hearing aid. The prohibition against operating a moving vehicle while holding a wireless communications device to one's ear does not restrict the operation of an amateur radio station by a person who holds a valid amateur radio operator license issued by the Federal Communications Commission.

Infractions from the use of a wireless communications device under the act must not become part of the driver's driving abstract record, or be reported to insurance companies or employers. This act supersedes any local laws regulating the use of wireless devices in motor vehicles.

HB 1214 - Takes effect January 1, 2008.

"Background: State law does not explicitly address text messaging or e-mailing while driving. When Washington State Patrol officers observe dangerous driving behavior by a motor vehicle operator using an electronic device, they may cite the driver for second-degree negligent driving.

Summary: This law provides that any person operating a moving motor vehicle who, by means of an electronic wireless communications device, other than a voice-activated global positioning or navigation system that is permanently affixed to the vehicle, sends, reads, or writes a text message, is guilty of a traffic infraction. A person does not send, read, or write a text message when he or she reads, selects, or enters a phone number or name in a wireless communications device for the purpose of making a phone call.

This law does not apply to a person operating: (1) An authorized emergency vehicle; or (2) A moving motor vehicle while using an electronic wireless communications device to: (a) report illegal activity; (b) summon medical or other emergency help; (c) prevent injury to a person or property; or (d) relay information between a transit or for-hire operator and that operator's dispatcher, in which the device is permanently affixed to the vehicle.

Provides that enforcement of this act by law enforcement officers may be accomplished only as a secondary action when a driver of a motor vehicle has been detained for a suspected violation of Title 46 RCW or an equivalent local ordinance or some other offense. Provides that infractions under this act shall not become part of the driver's record under RCW 46.52.101 and 46.52.120. Additionally, a finding that a person has committed a traffic infraction under this act shall not be made available to insurance companies or employers.

To reiterate the statement in June's article, all ham operators should carry a copy of their ham license with them at all times. If you are stopped, without proof of your ham license you can be ticketed. Note that there is no exception for ham operators in HB 1214, so logging your contacts on your laptop while driving is not recommended. And finally, I'm sure that the CW operators out there are wondering if sending code while driving counts as text messaging... <grin>

Rik Scairpon wx7rik
Port Angeles Police Department

Want to try your hand at editing the club's newsletter? We are looking for one or two people to take over this function.

The way it works is we use MS Publisher to layout the newsletter, then convert it to PDF format for distribution to CCARC members.

Actually no editing is done, doing a quick spell check and changing fonts to make things standard within the newsletter.

Please contact either Bob Sampson or myself if you would like more information.

Chuck, N7BV

Notice

Appreciation and Going
Away Desert Pot Luck for
Roger and Priss W7GRS
and W7PRS

What: Desert Pot Luck

When: Tuesday August 7th
7-9 pm (6 pm setup if you
can help)

Where: Four Seasons Club
House

To share a note Bob and I received from Steve W6MPD regarding his status. I for one have a heartfelt thanks to Steve for his team effort, which will go a long way to easing us through repairing the repeater if it should come to that.

Hi Chuck and Bob

I'm not completely gone just yet - - I will be in the area a fair amount in the next 2 or 3 months and I do have several complete GE radios and repeater parts which I will be bringing up this trip, we are leaving here (Camino) tomorrow most likely, and I have lots of stuff in the trailer which will be available for any service needs. Matter of fact, I will probably hand Bob at least one complete GE High Band 110 watt mobile which has all of the same parts, boards, etc., as are in the Repeater. Nice thing about GE - - the MASTR II Mobile and the MASTR II Repeater used virtually all of the same parts. I also have all of the appropriate manuals, both mobile and repeater - several copies of each - which I'll make available when I get back home.... So, even tho I have begged off from being the Trustee for now - - I am still out there and will be able to support the system as much as possible.

Like I said earlier - -PA is our new home and we're not giving up on living there.... we just have this minor, Camino, CA, real estate problem at the present time. That could change tomorrow - - if only someone would come and look at the place.

A Ham would be in heaven here - I have been for 25 years - 3300' up in the Sierra Foothills with a commanding view of the Sacramento Valley. My 220 Repeater has always had handheld coverage anywhere in Sacramento (50 miles to the west) and north clear up to Redding and Shasta Lake. 90' tower with the 220 4-pole on top (110' feet at the top) has done a good job..... it's still

there, will probably come down on our next trip down here in Sept. If you know of anyone who wants to live in the Sierra Foothills, I would be happy to talk with them, hi!

Once again, I'm really sorry to cause you guys this mid-year glitch in the Trustee dept. - it certainly was not my intention to have this happen.

Even if we have to "semi" move back here for a while, we will be returning as often as possible, and I am as close as e-mail and phone when not in town.

I appreciate your handling and wording of the notice to the Club about my not being able to fulfill the trustee duties at this time. It really deeply bothers me to let someone or a group down.

I'll be baaaaack!

later, 73

Steve

Board Seat

Bill Carter has agreed to run for the open Board seat made available by Roger Steelman's move.

Bill is a long time member of the CCARC and missed by two votes being elected this past November to the board.

His nomination will be put to a vote at the August meeting, along with a call for other nominations.

Thanks, Chuck

TO PRINT A BETTER COPY GO TO: <http://www.arrl.org/FandES/field/regulations/conop.html>

The Considerate Operator's Frequency Guide

A guide to where on the HF bands various modes and activities are generally found. All frequencies are in MHz.

The following frequencies are generally recognized for certain modes or activities (all frequencies are in MHz).

Nothing in the rules recognizes a net's, group's or any individual's special privilege to any specific frequency. Section 97.101(b) of the Rules states that "Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the amateur service frequencies. No frequency will be assigned for the exclusive use of any station." No one "owns" a frequency.

It's good practice — and plain old common sense — for any operator, regardless of mode, to check to see if the frequency is in use prior to engaging operating. If you are there first, other operators should make an effort to protect you from interference to the extent possible, given that 100% interference-free operation is an unrealistic expectation in today's congested bands.

Frequencies	Modes/Activities
1.800-2.000	CW
1.800-1.810	Digital
1.810	QRP CW calling frequency
1.843-2.000	SSB, SSTV and other wideband modes
1.910	SSB QRP
1.995-2.000	Experimental
1.999-2.000	Beacons
3.500-3.510	CW DX window
3.560	QRP CW calling frequency
3.570-3.600	RTTY/Data
3.585-3.600	Automatically controlled data stations
3.590	RTTY/Data DX
3.790-3.800	DX window
3.845	SSTV
3.885	AM calling frequency
3.985	QRP SSB calling frequency
7.030	QRP CW calling frequency
7.040	RTTY/Data DX
7.080-7.125	RTTY/Data
7.100-7.105	Automatically controlled data stations
7.171	SSTV
7.285	QRP SSB calling frequency
7.290	AM calling frequency
10.106	QRP CW calling frequency
10.130-10.140	RTTY/Data
10.140-10.150	Automatically controlled data stations
14.060	QRP CW calling frequency
14.070-14.095	RTTY/Data
14.095-14.0995	Automatically controlled data stations

Frequencies	Modes/Activities
14.100	IBP/NCDXF beacons
14.1005-14.112	Automatically controlled data stations
14.230	SSTV
14.285	QRP SSB calling frequency
14.286	AM calling frequency
18.100-18.105	RTTY/Data
18.105-18.110	Automatically controlled data stations
18.110	IBP/NCDXF beacons
21.060	QRP CW calling frequency
21.070-21.110	RTTY/Data
21.090-21.100	Automatically controlled data stations
21.150	IBP/NCDXF beacons
21.340	SSTV
21.385	QRP SSB calling frequency
24.920-24.925	RTTY/Data
24.925-24.930	Automatically controlled data stations
24.930	IBP/NCDXF beacons
28.060	QRP CW calling frequency
28.070-28.120	RTTY/Data
28.120-28.189	Automatically controlled data stations
28.190-28.225	Beacons
28.200	IBP/NCDXF beacons
28.385	QRP SSB calling frequency
28.680	SSTV
29.000-29.200	AM
29.300-29.510	Satellite downlinks
29.520-29.580	Repeater inputs
29.600	FM simplex
29.620-29.680	Repeater outputs

CLALLAM COUNTY AMATEUR RADIO
CLUB
Minutes of the General Meeting July
11, 2007

The meeting was called to order at 7:04 p.m. by club president, Chuck, N7BV. Photos taken at the club's Field Day activity were passed around, as were some old club newsletters, then introductions were made around.

Mention was made that Dan, N7DWA was featured in the Sequim Gazette, as Washington's Marine of the Year.

It was noted that the Olyham website will be down temporarily, and the site will be transferred to the control of Sheldon N7XEI. Also, as Roger, W7GRS and Priss, W7PRS are moving to Nevada, a replacement will be needed for the Board of Directors.

It was moved and seconded that Dave, KE7JEJ fill in as Treasurer. Motion passed.

Chuck N7BV thanked the many folks who worked on Field Day preparation and operation. Certificates of Appreciation were presented To Matt KC7EQO, Al KD7TFK, and Nita KD7DRT. Also, Theron KC7NPP, was awarded a Certificate for "Most Valued Brass Pounder". Other Certificates will be sent to various government officials also. Janet WA7JEP thanked Chuck for his part in Field Day.

Matt KC7EQO told about how his antenna tower works.

During break raffle tickets were sold, and the drawing was held. Janet WA7 JEP won the kitty; two other prizes were awarded.

A slide show was presented, "The Magic of HF Radio", followed by a discussion of HF characteristics, radio nets on HF, etc.

It was moved and seconded that the minutes for last month's meeting be approved as published. Motion passed. Future programs requested include IRLP, Packet and Echolink.

It was moved and seconded the meeting be adjourned. Motion passed; the meeting adjourned at 8:50 PM.

There were eighteen members and guests in attendance.

Minutes by Rich, N7NCN

KERCHUNK-ING

What is it? It's the illegal and unidentified cycling of a repeater for no apparent reason.

We are now aware of a complaint about this activity, which is getting worse, and we could possibly find ourselves with a citation, and restriction of repeater activity.

If you do it, **STOP**. If you feel the need to assure yourself that your equipment is capable of accessing the repeater, what's the problem with identifying yourself? It does seem to increase prior to a Net start.

It's illegal, everyone. Please stop. Get professional.

John Moore K7NIA
Net Control Coordinator

Note: We do need to get a handle on this problem. Listen fifteen minutes before either net to how many Kerchunkings take place. Chuck, N7BV

FOR SALE OR TRADE

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We are moving!!!!!!

For Sale: ICOM IC-21, \$75.00

Ant. Tuner, \$30.00

Tube Testers, \$25.00 ea.

Multiband Inverted V Ant. \$30.00

Multiband Beams \$50.00ea

Heath Kit UHF Rec. \$25.00

Call Jim Cloud, WA7LDM----457-9299

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MFJ-1700C

6-Position Antenna/Transceiver Switch
with Surge Protection-New

1/2 Price: \$50.00

Contact Roger, W7GRS

Ph: 681-3534

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### WANTED:

One ten foot (10') tower section of Rohn  
25G.

Contact Bruce Thompson, W7DNA  
@ 457-6134.

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WANTED:

I am looking for any antenna books that
might be available. I have started playing
around with wire antenna's around the
property, and I was hoping that someone
might have an extra antenna book lying
around collecting dust. It really doesn't
matter what year, type or anything else. I
just want to learn more.

Please contact Theron (KC7NPP) at (360)
928-0127, or catch me on striped peak.

Theron

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FOR SALE.. Kenwood station. 830 Radio  
set, Speaker, tuner, 220 scope with other  
mod, phone patch, VFO. extra tubes, in  
nice box. \$800. Burt, KN7R

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FROM OUR TREASURER:

The bank balance \$5735.55 with one
oustanding check for \$87.10

VOC Frank Doherty ARRL VE

COMING EVENTS

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Pacific Northwest DX Convention  
Western Washington DX Club  
<http://www.wwdxc.org>

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The Washington State Salmon Run
September 15-16, 2007

The Washington State Salmon Run is the
Washington State QSO Party and is spon-
sored by the Western Washington DX Club
and is held the third weekend of September.

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## **CLUB OFFICERS For 2006**

**President:** Chuck Jones N7BV

360-452-4672 n7bv@yahoo.com

**Vice President:** Bob Sampson K6MBY

360-582-9116 k6mby@olypen.com

**Secretary:** Rich Golding N7NCN

360-683-9309 n7ncn@myfam.com

**Treasurer:** Frank Doherty KJ7SK

360-681-0691 kj7sk@arrl.net

**Board Member:** Roger Steelman W7GRS

360-681-3534 w7grs@olypen.com

**Board Member:** Tom Newcomb

360-452-8228 ke7xx@arrl.net

**Board Member:** Bob Kennedy AC7RK

360-457-6177

**YL LUNCHEON**

**August 10th  
Tarcisio's  
Sequim  
Time: 11:45 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!**

**2007 YL Luncheons:**

August: Tarcisio's  
September: Sergio's  
October: Fortune Star  
November: Chestnut Cottage  
December: Petal's

| Description                                        | Time/Date                       | Location                                                          | Contact                           |
|----------------------------------------------------|---------------------------------|-------------------------------------------------------------------|-----------------------------------|
| Clallam County ARES/RACES meeting                  | 7 pm, first Tue of every month  | Clallam County Courthouse EOC,<br>223 E. 4 <sup>th</sup> St., PA  | Chuck Jones N7BV<br>360-452-4672  |
| 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, PA | Tom Newcomb KE7XX<br>360-452-8228 |
| Clallam County Amateur Radio Club social breakfast | 8 am, first Sat of every month  | Joshua's Restaurant<br>Hwy. 101 & Del Guzzi Dr.                   | Tom Newcomb KE7XX<br>360-452-8228 |
| Clallam County Amateur Radio Club YL social lunch  | 11:45 am 2d Fri of every month  | Rotates - announced on Thursday<br>night Net                      |                                   |

**BIRTHDAYS:**

Leah, KE7EZZ, Aug 3rd  
Al, KD7TFK Aug 12th  
Mike KE7DRS, Aug 16  
Wendy, XYL of Dan, N7DWA,  
Aug 22nd  
Roger, K7RGR, Aug 26th  
Chuck WA7EBH, Aug 26th  
Dick, KE7Z, Aug 27th

*Happy Birthday!*

**Call Sign Badges  
By WB8BVK**

Don't be a stranger at club meetings, hamfests or public service events. Wear a durable engraved name & call sign badge to let others know who you are. Available in 1" x 3" or 1-3/4" x 3" in assorted colors and finishes. Reasonable prices from a local source. Custom jobs up to 5" x 8" (custom front panels, door signs, desk plates, clipboards, etc.). See Paul, WB8BVK, at the CCARC meetings or email at [pbenadum@earthlink.net](mailto:pbenadum@earthlink.net).

Buy local!