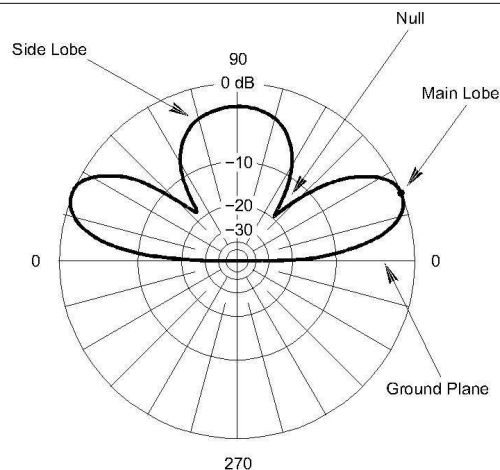


Quad I — 2003 — 2005



Elevation Pattern

ARRL0018

Quad I 12/11/2005 Heavy Wind Storm damage.



Get Your License Here!

Next Technician and General Class License classes will be October 6, 13, 20th at the PA Fire station.

See www.olyham.net for details.

Chuck N7BV
ARRL VE-L



Program

09-12-2012

**Preparing for an
installation**

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!

The more you submit the less we have to think of.

Thanks, the staff!

CCARC QTC Newsletter

Just a little background on the QTC.

We use ccarcqtc@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 send 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 [ccarcqtc](mailto:ccarcqtc@yahoo.com). We do not edit, except to change fonts to a standard non-serif 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: Bill Carter, Janet Parris, or Chuck Jones.
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.

CCARC Antenna Mentoring Project

NAME: _____ CALL SIGN: _____ DATE: _____

ADDRESS: _____ TELEPHONE: _____

DATE OF PROJECT START: _____ COMPLETION DATE: _____

HOW LONG HAVE YOU BEEN LICENSED? _____

IS THIS YOUR FIRST ANTENNA PROJECT? YES___ NO___

PROJECT DESCRIPTION:

WHAT TYPE OF HELP DO YOU NEED?



DESIRED FREQUENCY BANDS

160___ 80___ 60___ 40___ 30___ 20___ 17___ 15___ 12___ 10___ 5___ 2___ 440___

ANTENNA TYPE:

Mobile___ Fixed___ Dipole___ Beam___ Vertical___ Long Wire___ Inv. V___ OCF___

SUPPORT STRUCTURE: Mast(s)___ Trees___ Tower(s)___

DESIRED LOCATION OF ANTENNA(S) (Using Google Earth Photo of Property)

On a separate sheet of paper, using the requested Google Earth Photo, please prepare sketches of your proposed antenna system.

- 1- Show location of power lines, power drops and telephone/cable drops.
- 2- Show proposed location of antenna.
- 3- Show proposed cable routing paths
- 4- Approximate location of ham station in home.
- 5- Possible grounding points.
- 6- IMPORTANT!! Show fall zone radius of masts or tower.

SOME CONSIDERATIONS

With few exceptions, most every amateur radio antenna installation is unique unto itself.

Many considerations must be made so as to attain an installation which fits into the constraints of location, equipment capabilities, budget, and compliance with the rules and regulation of the cognizant building and permitting authorities.

Failure to comply with construction and location requirements could result in costly litigation expenses, wasted materials and time, liens and other encumbrances which ultimately could result in causing one to completely lose interest and enthusiasm.

Local politics can be such that decisions of permitting authorities could rest solely on the attitude of those inquiring into the permitting process. In short, BE NICE!!!

Your project should have a budget with which you are comfortable. Please bear in mind that the fellow amateurs who will be helping you will in most cases be able to point you towards several sources of the materials you will need for your project, and efforts will be made to assure you get reasonable value when you get your materials together.

SAFETY is a MAJOR concern. Electrocuting and falling objects are unacceptable options, nor are cuts, bruises, and property damage to yours or your neighbor's property.

The MENTORS who participate in assisting with your project will be well-versed in the proper tools, safety equipment, and procedures to assure a satisfactory completion. Their experience will also come into play when you run into details or small problems that might need a bit of coaching. All attempts will be made to assure that your system will be mechanically and electrically safe, and using quality test equipment, measurements and tests will be conducted to determine proper operation prior to your equipment being connected.

Quite often there are conditions which will mandate some waiting time between steps in the project's processes, such as awaiting legal permits (if required), concrete to set, etc. Plan accordingly.

Those who will be helping you are real people, giving their time and skills so that you will realize a good antenna system. Be a courteous host and make sure that some accommodations are made for restroom facilities, refreshment (water, soda, but NO alcoholic beverages) and snacks or some manner of a meal. Such things make a long, tedious day in the sun, rain, etc., a lot nicer.

There is no such thing as a DUMB question. If you have a question or do not understand the reasoning behind some aspect of your system, PLEASE ASK ABOUT IT!! We will do our best to help you understand.

It is recommended that all persons wishing assistance spend some time studying one or more of the many publications available on AMATEUR RADIO ANTENNA SYSTEMS. A bit of homework on the subject will yield considerable benefit to all parties concerned, the HELPERS, the MENTORS, and YOU.

Dennis Tilton, AD7TV & Geo. Hutchison, W7TTY

W7RJW "Net" Working

Some local nets to listen in on/participate in. This is one good way to learn how we communicate on the air-waves 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

**FOR SALE or TRADE**

Rohn-45 for sale:

Seven 10ft sections (one has a whoops)

One 5ft base section

Two guy/torque bars

Three guy-wire ground plates

Three Rohn earth anchors

Package \$800

Chuck N7BV n7bv@yahoo.com



~~~~~  
For Sale: New, Still In The Box GAP Titan HF Antenna  
Bands: 10m 12m 15m 17m 20m 30m 40m and 100 KHz  
on 80m

Bandwidth: <http://www.gapantenna.com/titan.html>

Height: 25 ft Weight: 25 lbs

Mount: All hardware supplied except the 1-1/4" O.D.  
steel mast

No Radials Required \$350

Travis

KB0PWP

360.460.2741

~~~~~

Your Ad Could Have Gone Here



6 foot equipment cabinet with
back door. Standard 19"
panel size. Very heavy steel.
\$100 firm

Paul Honore' W6IAM
w6iam@olypen.com

~~~~~  
**Fiberglass military Mast kit, \$25**  
(NSN 1080-01-179-6025)

**Consists of, 12 ea Pole sections. 44 inches  
long**

**(does not include the 3 1/2 inch overlap be-  
tween sections)**

**18 ea Stake, aluminum**

**Spreader Battens**

**Carrying bag**

**Contact, Bill, W7WEC**





Available from

[www.lulu.com/spotlight/HonoreW6IAM](http://www.lulu.com/spotlight/HonoreW6IAM)

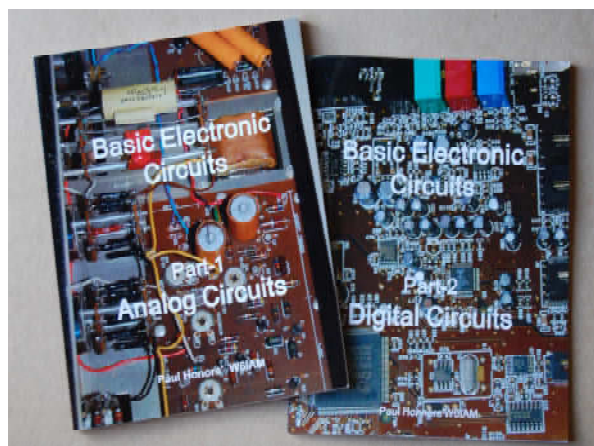
Basic Electronic Circuits,  
Part-1 Analog Circuits

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*



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

<http://twit.tv/hn>

September 6th, 2012

Episode #63: After Isaac and the Icom Contest

Bob's phased 75 meter dipoles, video of hurricane Isaac, George starts building a shortwave radio, and the Icom contest.

August 30th, 2012

Episode #62: Hurricane Party

Hurricane season is among us and we're keeping an eye on this windy party.

August 23rd, 2012

Episode #61: The Huntsville Hamfest

The controller of the 40-meter after-show nets, the latest from the Huntsville Hamfest, upcoming kit builds, and more.

August 17th, 2012

Episode #60: Chatrooms And Contests

Amanda returns, back to school with Gordon, capacitive reactance, and more.

August 9th, 2012

Episode #59: Meet the Net Control Operators

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

### CCARC Committees

**Activities Chair:** Vacant

**Education and Training:** Chuck Jones N7BV

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

**Health and Welfare:** Vacant

**Membership Chair:** Becky Winters W7RJW

**Net Coordinator:** Becky Winters W7RJW

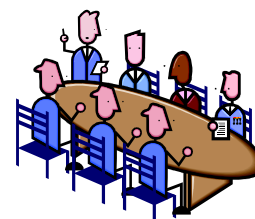
**Program Co-Chairs:** Janet Parris WA7JEP, Bill Carter W7WEC, Chuck Jones N7BV

**Public Relations Chair:** Vacant

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

**Technical Chairs:** Mark Merrikin AE7IP

**Web Site Administrator:** Rik Scairpon WX7RIK



**CCARC General Meeting 2012-08-08**

Call to order by Becky W7RJW

Pledge of Allegiance and Introductions. 19 members and guests attended.

AD7TV announced items from Tom Newcombe's radio shack for sale to benefit his family.

Business Meeting started early as late members desired to see the presentation.

Minutes read from 2012-07-11, accepted as read, MSC

Minutes from CCARC Board read and accepted, votes to take place later tonight.

Officer Reports

Treasurer More than \$13,500 in sales from TNT resulted in 2700 deposit into the CCARC account.

CoB Only 4 board members showed at the board meeting

KD7TFK asked about the Christmas party and its location, W7RJW recommended discussion at a later date.

Membership Mike McCarty N7MLM joined as a new member

Health & Welfare N7BV is alive and well, but W7WEC reports that Bill Johnson has moved into a care facility in Sequim

AD7TV distributed a preliminary punch list for the antenna party. More information will appear in QTC as the list is completed.

N7BV announced a "Contest within a contest" by the IARU, WRTC in New England this year. Rules are similar to Field Day.

Educ & Training N7BV announced amateur classes for October, 6, 13, 20 of 2012. There will be articles in QTC and the PDN.

Technician and General will be taught.

1940 Discussion and votes from Board minutes.

1. Regarding the purchase of a generator: K6MBY moved that we would use AE7IP generator, to be repaired by W4KGY for use in raising and lowering the club's Tower, and that the club would use various members' generators for FD radio power and other events with a \$25 fee paid to said member for maintenance and upkeep of their generators. MSC.

2. Purchase of 4(qty) \$25 4-port headphone amplifiers for use with FD radios. MSC.

3. Purchases for trailer, vote postponed until KD7TFK can finalize a list of needs vs. wants, including tire covers, fire extinguisher, first aid kit, spare tire, etc., and where donations of matériel from members can be made.

2010 Break

Presentation by Bob K6MBY, about the design and construction of Sequim radio station KSQM 91.5

Resume meeting

Adjourned MSC

**CCARC General Meeting 2012-07-11**

Meeting called to order by Becky W7RJW  
Pledge of Allegiance, introductions and announcement of discussions:

the location in the fairgrounds for the next field day

expected a report on TNT from n7bv, but he was absent

In lieu of N7BV's presentation we held a general discussion on FD

WB4KGY suggested the club purchase an audio distribution board for headphone listening

single person contact for FD arrangements

W7YLV volunteered for contact

KF7PMC – Best Food Ever at FD

W7EWG – wrote letter to editor (PDN)

thanks for the good article

KF7EFL – location same as 2011?

N7XEI – better location is the grassy field next to 2012 location of his RV

Found the missing coax

Registration tent or table? Start Here signs, with ARRL brochures, features and benefits of Ham Radio

N7XEI – delegate food responsibilities, organic suggested

W7RJW read the Mayor's proclamation, discussion of the newspaper article, it's possible the Mayor will attend a future meeting.

**TNT discussions**

Needed a pallet jack, had to manually unload truck

opened noon Thursday, about 13000 total sales, profit will be stated later

Let's do it again next year!

Get organized with a price list

Night Shift in shifts, not one person

Club should get a generator, reserve for board discussion

fireworks sales down overall statewide

need general operating instructions for sales gear at TNT

get a bill check pen for 20s/100s

Break

**Business meeting**

Minutes accepted as printed in QTC MSC

Sec'y no news

Treas Qtc, plus new deposits

VP, CoB absent

Activities no news

QTC no news

Health and Welfare – recommended to send N7BV a get well card  
PR - booth at county fair  
ARES often at Sheriff's booth  
16-19 August 2015

AD7TV suggested an Antenna Party Organization

advance prep from applicants, no surprises,  
checklist for consistency  
on the ground setup, required, but allowed to ask for help  
article in newspaper and email and net

Moving on

Adjourned MSC

**Read and approved at the August Meeting**

# CCARC Board Meeting 20120808

1130 Meeting opened. Present were KF7VZZ, N7BV, AD7TV, W7EWG

The following items were discussed for a general vote.

Purchase of a generator for the club's use at Field Day, other events and in case of emergencies.

Three options were suggested:

Purchase of a generator similar to N7BV's Honda (about 2000W capacity)

Club would use a member's generator and offer to pay maintenance fees.

Club would postpone the decision for a year while recording usage of member's generators for various events.

Disposition of Tom Newcombe's ham equipment. KF7VZZ volunteered to store it until sold. Contact

KF7VZZ for viewing or sale, proceeds go to Tom Newcombe.

Purchase of a 4-port headphone amplifier for Field Day use. As there are normally 4 stations (3 in main tent and GOTA), 4 units should do. A model for about \$25 is available new.

Discussed purchases for the trailer:

Roof vent (solar) to keep temperatures reasonable and minimize mildew potential.

Wheel covers to protect tires from degradation in sunlight.

Field Day Thank You letter to be written and sent by Secretary.

Discussed annual donation to Fire Department (charity of choice) as the club has the ability to raise money.

Email discussion will begin regarding data interfaces for club radios.

Read and Approved at August Meeting



SteppIR 3el installation.

Ready for cement delivery.





## STRAYS

When the ARRL Board of Directors met for its [2012 Second Meeting](#) July 20-21 in Windsor , Connecticut , it did so with a full agenda. Besides hearing and approving recommendations from its two standing committees -- the Administration and Finance Committee and the Programs and Services Committee -- the Board voted to hold the 2014 ARRL National Convention July 17-20 in Hartford , Connecticut , the birthplace of the League in 1914.

*Here are some highlights of the actions taken at the meeting:*

- **Change to ARRL Field Day Rules:** Due to concerns regarding extreme heat and weather conditions in many parts of the country, the Board voted to change the Field Day rules to permit Class A and B stations to begin to set up earlier. Prior to the rule change, these stations were not allowed to begin setting up their stations before 1800 UTC on the Friday before Field Day. Now these stations can begin setting up as of 0000 UTC on the Friday before Field Day (Thursday afternoon or evening, local time). Even though the rule change permits setup to begin 18 hours earlier, cumulative setup time shall not exceed 24 hours. This is the first major change to the Field Day rules since 2003, when a new class -- Class F for EOC stations -- was added.



September 11th 2012 will be the 11th Anniversary of the 9/11 attack. There will be a live webcast of the commemoration ceremony at the 9/11 Memorial, starting at 8:30 a.m. EST on September 11, 2012. <http://www.911memorial.org/>

Take a minute that day to say a prayer, or a moment of silence, for those souls who lost their lives.

From [www.wrtc2014.org](http://www.wrtc2014.org):

“Welcome to the home of WRTC 2014!

The World Radiosport Team Championship (WRTC) is held every four years and consists of approximately 50 two-person teams of amateur radio operators competing in a test of operating skill. Unlike most on-the-air competitions, all stations are required to use identical antennas from the same geographic region, eliminating all variables except operating ability.

Previous WRTCs have been held in Seattle (1990), San Francisco (1996), Slovenia (2000), Finland (2002), Brazil (2006), and Russia (2010).”

See <http://www.wrtc.info/> for short videos on each of the World Radio Team Championships.

FROM OUR TREASURER

As of Aug 31,2012

|                                                       |                   |
|-------------------------------------------------------|-------------------|
| First Federal Savings & Loan of Port Angeles Balance: | \$ 9277.01        |
| Outstanding Cheques:                                  | \$0.00            |
| <b>Checkbook Balance:</b>                             | <b>\$ 9277.01</b> |

Thanks,

*Ernie Griffith*

W7EWG

CC-ARC Treasurer

September BIRTHDAYS

## Birthday

|                  |          |         |
|------------------|----------|---------|
| Cathy Sampson    | K6MBY YL | Sept 11 |
| Bernice Metz     | KC7GVK   | Sep 16  |
| Chuck Metz       | W5RFL    | Sept 16 |
| Bill O'Connor    | KF7PMF   | Sept 19 |
| Patricia McCarty | N7MLM YL | Sept 21 |
| John Moore       | K7NIA    | Sept 22 |
| Shirley Honore   | W6IAM YL | Sept 26 |
| Doreen Wilson    | KL1HG    | Sept 28 |

**HAPPY BIRTHDAY'S  
EVERYONE!!**

COMING EVENTS

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10/20/2012 North Kitsap ARC Hamfest**Location:** Bremerton, WA**Type:** ARRL Hamfest**Sponsor:** North Kitsap Amateur Radio Club**Website:** http://nkarc.org/new_home/

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**NEXT YL LUNCHEON**

**September 14th**  
 Sergios - 205 E. 8th  
 Port Angeles

**Find us on the web at**  
**www.olyham.net**  
**Check it out. Lots of**  
**information about ham**  
**radio in Clallam County!**

**2012 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,<br>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>5th and Laurel, PA                   | 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 Dr.                   | Chuck Jones N7BV<br>360-452-4672 |
| Clallam County Amateur Radio Club YL social lunch  | 11:45 am 2d Fri of every month  | Rotates - announced on Thursday<br>night Net (See QTC Newsletter) |                                  |

**CC-ARC Welcomes new members:**

None

**CLUB OFFICERS For 2012**

**President:** Becky Winters W7RJW 360-928-0127 W7RJW@yahoo.com

**Vice President:** Al Popowski W7ALP 360-477-4037 alpop@wavecable.com

**Secretary:** Mike Rice KF7VZZ KF7VZZ@Gmail.com

**Treasurer:** Ernie Griffith W7EWG 360-808-6668

**Board Member (Chairman):** Chuck Jones N7BV 360-452-4672 n7bv@yahoo.com

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

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