

CLALLAM COUNTY AMATEUR RADIO CLUB

QTC
DECEMBER 11



Club Prez..... December 2011

This year seems to have just flown by! It is time once again to elect new club officers. That is what we will be doing at our club meeting on December 14th. We will have last-minute nominations and then cast our votes.

There will be some changes in 2012. A few members stepped up to assume responsibility for some of the positions within the club that other members have resigned from. I thank both those who have volunteered to step in AND those stepping down for their valuable time, dedication and sharing their talents and experience to benefit our club.

I encourage any members who aren't involved with any particular aspect of the club to please consider volunteering to serve on a committee or helping out to make 2012 a more successful year for CCARC.

I'd also like to request articles and pictures for our upcoming newsletters from you-our members. Our Publications staff work very hard in putting the QTC together and are in great need of your input and submissions-which can be emailed to ccarcqtc@yahoo.com.

Merry Christmas, Happy New Year and mobile safely out there!
W7RJW Rebecca Winters

Get Your License Here!

Our October 15th Test Session was 100% successful, in that everyone passed their first test - 4 Tech's and one General.

Two of the Technicians went on to pass their General level. So we have 2 new Technicians and 3 new Generals.

Thanks to all the work and time put in by our instructors and VE Examiners.

Chuck N7BV
ARRL VE-L

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 (MSword, edit, clear, formatting) if you know how, before sending it to ccarcqtq. If you feel the creative urge to design a document—please open a design shop, but don't do it and then send it to us expecting to see your creative work transferred to the newsletter.

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,

Chuck, N7BV & Bob K6MBY



Program 12-14-2011

Elections

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.

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!

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.

This Week on the Radio for you dx'rs and want to be dx'rs*This week:*

- December 9 -- NCCC Sprint Ladder
- December 10-11 -- [ARRL 10 Meter Contest](#); CWops Mini-CWT Test; International Naval Contest
- December 11 -- SKCC Weekend Sprint; CQC Great Colorado Snowshoe Run
- December 11-18 -- NA High Speed Meteor Scatter Winter Rally
- December 14 -- NAQCC Straight Key/Bug Sprint; NAQCC-EU Monthly Sprint
- December 14-15 -- CWops Mini-CWT Test
- December 16 -- NCCC Sprint Ladder; Russian 160 Meter Contest; AGB-Party Contest
- December 17 -- OK DX RTTY Contest; RAC Winter Contest; Feld Hell Sprint
- December 17, 2011 -- January 1, 2012 -- Lighthouse Christmas Lights QSO Party

Found this interesting, perhaps other might also.....

Now that we are basking in sunspots again, N7UA recently asked me if I knew what the highest recorded solar flux was. I recall from W3ASK's propagation column in CQ magazine it was sometime during cycle 19 and over 300. I did some google searching and found the following charts which some of you may find interesting:

<http://www.solen.info/solar/history/hist1957.html>

Apparently the historical record for 10.7cm solar flux measurements extends only back to 1947 (source: wikipedia). Besides solar flux noteworthy for 1957 was that at times the planetary A index went up over 160. There were extended periods of elevated planetary A index lasting up to a week. So with 6 meter F2 openings there were probably extended periods of HF blackout/disturbed conditions. September 1957 looks to have been especially fraught with hf blackouts. During 1957 the solar flux ranged from 170 on May 18 to nearly 380 on December 23rd. Between December 12 and 23rd the flux jumped from 210 to nearly 380.

73 de Dan W7WA

Ten Meter ARRL CW/SSB Contest this past weekend.

Band	Mode	QSOs	Pts	Cty
28	CW	357	1428	85
28	USB	263	526	75
Total Both		620	1954	160

Score: 312,640

Two newer contesters came out and we produce the above score. They did SSB and I did CW. The band was weak to EU on Saturday, picked up a little Sunday but never really opened.

Funny how quickly we get spoiled with the last month or so of good 10m propagation! A year ago this would have been consider great to have props like this. Bob R. KF7EFL, Janet WA7JEP and Chuck N7BV.

Early experiences With Radio Towers **By Dennis A. Tilton AD7TV**

Some time in the early sixties, while serving my last several months in the U.S. Navy and being armed with a fresh Conditional (General) class ham license WA6QWK and with a newly minted Second Phone ticket, I worked for Art Brothers (formerly with CQ Magazine).

We did fun projects such as installing the first, and maybe the last, radio systems in Pacific Drive-in Theaters. Being young and dumb, I was willing to do most anything having to do with radio communications.

One of the more interesting had to do with the first time I climbed a tower. It just happened to be an oil derrick in the Baldwin Hills with a beam antenna on top. Not just any beam. This was a full size, three-element forty-meter beam. The driven element was sixty-four feet long and the boom was about thirty feet. My guess is that the derrick was about a hundred feet high. The antenna had been placed there a year or two before for Field Day. After that, no one wanted to take it down.

After fifty years the details are a little cloudy but while Art stayed on the ground (smart man), I took a rope and climbed to the top of the derrick and carefully undid the antenna and lowered it down the side of the structure.

Once it was on the ground we disassembled the antenna and roped it to the top of a former California CHP cruiser that Art bought at a State surplus sale and drove it home. I remember that the bundle when roped together was more than two feet in diameter and hung over the front and back of the car by a few feet.

Art had arranged for some cooperative phone company guys to plant a forty-foot telephone pole in the middle of his back yard in Compton. To the top of this was mounted a surplus prop-pitch motor.

About this time I went to sea again and don't know if the antenna was ever put into operation but the whole thing was an educational project.

Another project we did was at Death Valley Motors in Baker California. This involved driving to Death Valley in the fall. Hot? Oh, was it hot! We worked for twenty-four hours straight putting up a forty-foot tower with a gin-pole and installing three or four radios in tow trucks.

I will never forget that the ground inside and outside of the garage was covered with crickets or cockroaches (I forgot which) but I know that they crunched when you stepped on them.

The owner of the business worked during the fall, winter and spring and spent the summer in Hawaii.

After I got out of the service, Art with another fellow and I set up Burney Wireless Co. about fifty miles east of Redding California. This comprised a radio/TV service operation and a television translator on Big Valley Mountain. I ran the shop and maintained the translator and collected money from the subscribers. On the side we sold EMC TV translators throughout the Sierra community (or at least tried to).

Art had a Cessna 170 that we flew through the Sierra Nevada with a translator strapped in the back seat. Did I mention that Art held a student pilot license and I had none at the time (I told you I was young and dumb)? We both got used to dealing with turbulence. That poor plane took a beating. It would role from side to side through almost a 300-degree arc and the up and down drafts were something to write home about. We would land in some valley town, set up the translator on a higher area to pick up a signal from the next town over and retransmit into the valley. It was a tenuous business at best.

Despite our best efforts, we survived. We did this for about a year and then sanity came on the scene in the form of my future wife who I met at church in Burney. She was a nursing student visiting her roommate's folks in Burney. Long distance dating between Burney and Oakland coupled with the fact I was not making very much money, led to the decision to accept a position with Ampex Corporation in Redwood City and Jo Ann and I were married in 1963.

Today Art runs a private phone company in Southern Utah, flies his own Moony Mk 21, is fully licensed and is eighty years old. I went on to earn my Commercial Pilot license with Instrument rating and retired as a Senior Engineer in 2003.

It has been fun to reminisce about those times.

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

73 W7RJW Rebecca J. Winters

FOR SALE or TRADE

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Your Ad Could Have Gone Here

Available from

www.lulu.com/spotlight/HonoreW6IAM

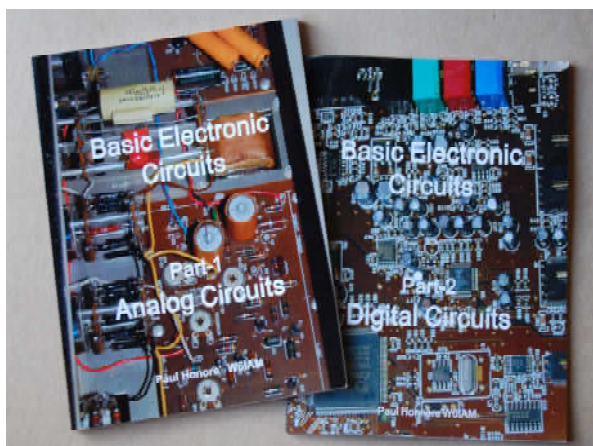
Basic Electronic Circuits,
Part-1 Analog Circuits

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>

[#24: Youth Month](#)

Amateur TV, W0EEE back on the air, and the kick off of Ham Nation Youth Month. For more of Don's videos and photos, please go to <http://ke6bxt.com/TWiT.tv/episode24/index.php>.

[#23: Leo Works The Pileup](#)

Indoor antennas, etching your own PC board, transmitting remotely from 3000 miles away, and more. N4PY Software provides the software for the Remote Mirrored Radio setup. The website is at www.n4py.com.

[#22: Boy Scouts On The Air](#)

Bob's trip to the National UK Hamfest and Lincoln Cathedral, 54th JOTA 2011, and a solder fumes extractor.

[#21: What Radio Should I Buy?](#)

Special cameo appearance by Joe Walsh! Plus National Electronics Museum, things to consider when buying a radio, building a speaker with a Dixie cup, and more.

CCARC Committees

Activities Chair: NEEDED

Education and Training: Chuck Jones N7BV

Field Day Co-Chairs: 2012 Al Fisk KD7TFK, Bob Rouleau KF7EFL

Health and Welfare Co-Chairs: Chuck Jones N7BV, Rich Golding N7NCN

Membership Chair: Becky Winters W7RJW

Net Coordinator: Steven E. Brown NL7US

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

Public Relations Chair: Nita Lyman, KE7DRT

Publications (Newsletter): Bob Sampson K6MBY, Chuck Jones N7BV

Technical Chairs: Bob Sampson, K6MBY

Web Site Administrator: Rik Scairpon WX7RIK

CLALLAM COUNTY AMATEUR RADIO CLUB Minutes of the General Meeting 8 November 2011

The meeting was called to order at 1903 by Club President Becky, W7RJW. Thirty seven people attended the meeting. We met at the Port Angeles Fire Station. First there was the Pledge of Allegiance. Then there were self introductions around the room.

General Announcements: None

Presentation: Earthquake / Tsunami Issues
Bill Perkins, Engineering Geologist
Vice President, earthquake Services

Bill presented pictures of his "on the job" real life experiences with both earthquakes and Tsunamis. The pictures showed the relationship between poor design choices and the results after the event. Two examples stand out. One showed the ground floor of structures almost completely hidden as they collapsed and left the stronger upper floors almost intact. The second was poor location of sea barriers near high density housing. Bill also showed a possible future catastrophic event when a sewage treatment plant was located on a convenient hilltop above a valley of high density housing.

Break: 2010

Business Meeting: Called to order at 2020

Minutes of last Club meeting were approved as published in the October QTC.

Officer reports:

President: Becky. None
Vice-President: Absent.
Secretary: None.
Treasurer: Not much change since last month. A few pennies in interest.
Chairman of the Board: None

Committee Reports:

Activities: No Chairman
Pub Relations: None
Publications: Chuck, N7BV mentioned we still need articles for the QTC.
Membership: Nothing new to report.
Health and Welfare: None
Technical: None
Field Day: None.
Net: Repeater Trustee: Steven N7US asked for volunteers for some nets. Nita volunteered for the 29th, Chuck the 15th and Nita the 22nd.
Education and Training: Chuck reported that Two of the Hams who recently passed there exams were here at the meeting tonight. The next exam will be in February, and a full class will be in April.
Web site Administrator: Absent.

Old Business: None

New Business: The Board presented their list of Candidates for the December election.
President, Becky, W7RJW
Vice President, Al, W7ALP
Secretary, None
Treasurer, Ernie, W7EWG
Board Member (One position), Dennis, AD7TV and David, KE7TTT

2057: The motion was made and approved to adjourn the meeting.

Bill Carter, W7WEC
Secretary, CCARC

Why I Contest.

I suppose you won't let me get away with "It's Fun". So here goes.

There are two primary reasons. It provides me an incentive to build a good home station. I like that kind of work. The second is the challenge of the contest exchange of data. Let me elaborate.

A good home station includes the antenna, coax, radio, computer, power distribution, RF power monitoring, and the environment. All of those need optimizing. I can tinker forever and always be improving the system. Each piece of hardware and software enables me to expand my knowledge in a multitude of ways. The list is extensive. Antenna radiation patterns, height and direction. What's the best height of the desk? Should the radio be centered? Maybe it should be on the right of the operating position? Which software programs do I use? How do I interface the programs with my radio and antennas? A thousand questions and all have multiple answers.

The contest exchange is brief but complex. Each contest is slightly different. Besides the data exchange there's the question of do I "search and pounce", or "run". How do I use the rhythm of a running station to crack the pileup? How's the propagation? What band should I work? Should I keep trying to get the rare one and lose contacts with the easier stations.

I'm just learning this contest game. It's a challenge and I'm enjoying every minute of it. My contact rate is improving. Will I ever be number one? I don't think so. That's because I'm on the West Coast, but that's another article.

73, Bill Carter, W7WEC

CLALLAM COUNTY AMATEUR RADIO CLUB
Minutes of the Board Meeting 30 November 2011

The meeting was called to order at 1800 by Al W7YLV.

Board Member Attendees were Al, W7YLV, Chuck, N7BV, Ernie W7EWG, and Bill W7WEC. Rik WX7RIK was on the phone. Rik was ready with Skype but it wasn't set up on the computer. A plain old was phone was used.

The first item was to pay Johan's storage facility for trailer storage. There has been no volunteer stepping up to provide storage. It was approved to accept Johans generous offer of \$300 a year for both trailers. Ernie immediately made a check out for Johan as he showed up at the meeting.

The Board worked over the 2012 budget. Several items seemed to generate extensive discussion. There were some minor changes and a final proposal was approved. Ernie will prepare the final form and distribute it at the next Club meeting.

The meeting was adjourned at 1859

FROM OUR TREASURER

As of Nov 31 , 2011:

First Federal Savings & Loan of Port Angeles Balance:	\$ 6481.58
Outstanding Cheques:	
Checkbook Balance:	\$ 6481.58

Thanks,

Ernie Griffith
 W7EWG
 CC-ARC Treasurer

Birthdays for December, 2011

Spencer Marcy	KF7JQU	Dec 1
JoAnn Cozzoline	KF7SCX	Dec 2
Mark Merrikin	AE7IP	Dec 4
Ray Gilbert	K7VQF	Dec 9
Myrtle Pensworth	WA7BOB YL	Dec 20
Elizabeth Koehler	N7XEI YL	Dec 21
April Uhden	K7RGR YL	Dec 24
Sandra Carter	W7WEC YL	Dec 27

COMING EVENTS

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3/10/2012 | Mike & Key ARC Electronics Show
Location: Puyallup, WA
Type: ARRL Hamfest
Sponsor: Mike & Key ARC
Website: <http://www.mikeandkey.org/flea.htm>

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04/14/2012 | Communications Academy 2012
Location: Seattle, WA
Type: ARRL Convention
Sponsor: Western Washington Medical Services Emergency Communications Team
Website: <http://www.commacademy.org>

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NEXT YL LUNCHEON

January 13th

**Bushwacker
1527 E 1st, PA**

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

2012 - CCARC Ladies Luncheon Schedule

Reservations are made for 11:30 - 2nd Friday of each month
January—Bushwacker
February—Old Mill
March—Fiesta Jalisco

Description	Time/Date	Location	Contact
Clallam County ARES/RACES meeting	7 pm, first Tue of every month	Clallam County Courthouse EOC, 223 E. 4 th St., PA	Al Dawson W7YLV 360-457-0752
Clallam County Amateur Radio Club general meeting	7 pm, second 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, first Sat of every month	Joshua's Restaurant Hwy. 101 & Del Guzzi Dr.	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)	

Welcome new members to CC-ARC:

None

CLUB OFFICERS For 2011

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

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

Secretary: Bill Carter W7WEC 360-6814375 w7wec@arrl.net

Treasurer: Ernie Griffith W7EWG 360-808-6668

Board Member (Chairman): Al Dawson W7YLV 360-457-0752 adawson@tfn.com

Board Member: Chuck Jones N7BV 360-452-4672 n7bv@yahoo.com

Board Member: Rik Scairpon WX7RIK 360-683-5625 WX7RIK@pobox.com