



CLALLAM COUNTY
AMATEUR RADIO
CLUB

QTC
MAY 18

Club Two Way Email List by Groups.io

Groups.io

A number of years ago a Yahoo group separate from the CCARCQTC (Email account) was started that allowed free exchange of emails between members. There were 41 members of that group, however, not all were club members and some had not paid the club dues. That Yahoo group is now shifting to groups.io with the name of CCARCWA. The shift was prompted due to sometimes extended delays between sending messages and others receiving messages.

Groups.io has a number of features not found in the Yahoo Groups. Along with email, photos and files, groups.io has databases, a WIKI, chat and the ability to have subgroups.

A couple of things came to mind when I saw the database capability. Club assets such as transceivers could be inventoried for all members to see. The cargo trailer has lots of stuff in it that could be inventoried in a database so it would be instantly available. I started a couple of databases just as an example.

The WIKI seems like a great place for training information. The club tower training came to mind. Also thing like PSKReporter and WSJT training information could be entered.

The CCARCWA groups.io is a work in progress that could use input from all club members. The link to subscribe to the group is W7FEL+subscribe@CCARCWA.groups.io. Subscription to the CCARCWA does not, however, get you an automatic subscription to groups.io. To register for groups.io use <https://groups.io/register>. I encourage you to register with groups.io as you must be registered with groups.io in order to view the web based files, photos, databases and WIKI.

Again the subscription address for CCARCWA is W7FEL+subscribe@CCARCWA.groups.io. The groups.io subscription address is <https://groups.io/register>

Please join the group. Most areas are open for member editing or input. You may start a new database or WIKI, download a file or photos.

Get Your License Here!

Results of the 21 April test session:

New Technicians = 26

New Generals = 4

New Extra = 1

**Chuck Jones N7BV
ARRL VE-L**

May Program

FT-8

See Page 10

Bill Peterson / K7WWP

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 ccarcqtcc@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 ccarcqtcc. 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.

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.

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

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As robo calls plague us here is some help:

https://www.komando.com/columns/458656/7-ways-to-finally-end-robocalls?utm_medium=nl&utm_source=column&utm_content=2018-05-06-article-title

SK Ernie, W7EWG and his son.

Minutes: CCARC Ham Meeting 3-14-18

Meeting called to order by Vice President Chuck Jones at 7 p. m. Pledge of Allegiance.

Bill WWP.- Presentation from PSK reporter.info. Using different digital modes.

For conversation, packet, example winlink, short transmissions, for information exchange, contacts, fast and slow modes.

Example of fast mode optimizing such as meteor scatter, MSK-114.

Slow modes transmissions once over transmission window, example FT8, 13-14 seconds long.

Examples, special moon bounce, WSPR (one way), Echo.

Use WSJT-X 5 watts, Examples: FLDigi, and WSJT-X.

Can select map display, showed FT8 becoming most popular digital mode.

Map pins correlate with bands. Can unclutter display, night shadow, city lights.

Bill then set up live remote radio via cell phone link to transmitter at home. Took Break

No report from president.

Field Day info from Bill. Sign up in back for field day. Meeting next week, will have tower training.

Treasurer: Checking balance \$6762. Savings \$3030.27.

Chairman of the Board, Shelved second tri-plexer for now. Board minutes in QTC.

Breakfast location at Priscilla's when in Port Angeles. YL luncheon can get on list thru Patricia, good way of getting to know members.

Repeater at Forks is not plugged in, Still working on Gunderson Mountain location.

ARES: Tsunami Road Show April 13. Still have Marathon openings.

George brought up tent question- 5 tents for field day.

Club has 81 active members, 28 members present. 1 guest.

Meeting adjourned at 8:53 p. m.

Respectfully submitted Rosemary KI7MZH Secretary

CCARC Board Meeting 5-2-18

Present: Chuck S EBH, Bill WWP, Mark MAE, Chuck N7VB, Glenn RQW, Rosemary MZH, Joe RBS

Minutes approved as published.

Treasurer: Balance in checking account \$7481.78. Membership 92 active members.

Committee reports: Field Day Input, VE. Please remember to turn in reports to the QTC to be published. If no activity, state that.

Laptop for treasurer with Quickbooks loaded.

Planning for field day, meeting held.
Home show will proceed for 2019.

Club insurance through ARRL at \$300 per year. Motion to purchase, passed. Pre-approved errors and omission insurance at \$225 or less. Motion passed.

SSD and thumb drive here.

Business cards to check out pricing.

Club reflection on IO group, proceed, a good way of Elmering.

Sheldon contact for fireworks stand.

Next Ham meeting on FT8, design, set up program, how operate and demo.

Next meeting June 6th.

Adjourned 8:30 pm.

Respectfully submitted, Rosemary KI7MZH, Secretary

Field Day is still coming soon. Very soon!

At the May (and June) Club meeting will be sign-up sheets for Field Day and Fire-work sales.

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. Invite friends and family to come and "Get On The Air" in the GOTA tent. If you have never tried HF, this is your opportunity (or have been off of HF for over a year).

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 to get as many contacts with other Field Day sites as possible in addition to as many stations around the world.

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. There will be opportunities to see how the digital modes work.

There are many areas that anyone can help with.

Starting at 0900 on Friday, we set up the tower, tents, radios, generator, and so on. Many hands make light work.

Saturday we need people to be guides from 12-5 to show guests around and tell them about Ham Radio. Most importantly, we need radio operators! Especially if you do not have an HF setup at home, we need you to just show up and make contacts. This is a "Contact Sport" after all! If you plan on operating with us, please sign up with your desired time, band and mode.

Sunday we load out. Just as important as setup, we need to take it all down and properly pack it all up for next time.

If you can't get to the club meetings to sign up, but plan on operating and/or helping, then please contact Rick (AA0RD).

Sheldon Koehler, N7XEI
Field Day Camp Cook
sheldonk@gmail.com

Rick DeWitt, AA0RD
Field Day Co-Chair
360-681-3494
AA0RD@yahoo.com

Chuck Jones N7BV
Field Day Co-Chair
n7bv@yahoo.com

CCARC Field Day Committee Meeting Thursday, April 19th 2018 Sequim IHOP

Attendees:

Committee-

members:

- Dick DeWitt (co-chair)
- Chuck Jones (co-chair)
- Bob Sampson (co-chair)
- Al Fisk (co-chair)
- (Sheldon Koehler not present)
- ♦ Ex-Officio:
 - Mark Ellington, CCARC President
 - Chuck Stroeher, Executive Board Chair
- ♦ Guests:
 - Glen Muir
 - George Hutchison
 - Dennis Tilton

The committee discussed antenna selection and locations, band usage, tent and generator locations, trailer towing assignments, radio allocations, grounding and fire safety.

Several members then visited the field day site at the Clallam County Fairgrounds. The preliminary site configuration will be – TBD

- Note that there will be two towers, supporting three antennas.
- Specific radios have not been assigned yet, but see the note below for a recommendation on standardization.
- The 40m tent will probably be designated CW and digital on an alternating time schedule.
- The GOTA tent will be 80m phone, perhaps with a 2m call-in rig.
- 10/15/20m tents will be phone and digital.
- Each tent will have a GFI outlet with ground stake, as well as a fire extinguisher.
- We need several more ground stakes
- Each generator will have a fire extinguisher.
- We will make-up coax cables on-site using the 400ft spool of RG-213 and connectors.
- We will need 40m and 80m band-pass filters for those antennas to prevent cross-coupling.

Our Field Day category will change from 3A to 4A with the addition of the 40m tent.

- Sheldon will have food sign-up sheets at the May and June meetings.
- Bill P reports that we have 4 PC's available for logging. The GOTA tent may not get one.
- Trailer towing assignments-
 - Al Fisk will tow his trailer to the site.
 - Mark E will have a tower crew and tow vehicle for his trailer.

Radio Standardization and Modernization

We currently have the following ICOM radios available for field day use-

- IC-706: HF, 6m 2m, 70cm / 100 watts / DC power
- IC-746: HF, 6m, 2m / 100w / DC
- IC-745: HF / 100w / DC
- IC-735: HF / 100w / DC
- IC-718: HF / 100w / DC

The IC-706 has a phase-locked-loop noise generation issue common to all 706 units. This makes it unsuitable for use in a multi-radio environment like field day. After much discussion, the committee decided to recommend to the CCARC board that the 706 be sold with the income going into the club treasury. To replace the 706, and to begin the process of updating and standardizing on a single radio model, the committee recommends the immediate purchase of at least one IC-7300; new or used at the board's discretion. The committee suggests that the club continue to purchase 7300's as the budget allows until we have replaced all five older radios.

As part of this discussion the issue of allowing members to bring their own radios was brought up. There does not appear to be any restriction on changing radios during field day, other than only one radio per band/mode transmitting at once. The consensus of the committee is that using someone else's radio is a bad idea, and swapping the club radios in and out will only cause problems. Therefore the committee discourages the use of personal radios.

The next committee meeting is set for Thursday, May 17th, 11:30 at IHOP again.

Submitted by: Rick DeWitt AA0RD
April 20, 2018
aa0rd@yahoo.com

Note: time delays on some minutes and reports have pasted, so there maybe some differences in reporting.

They support us by providing space for our meetings, VE-Exams & training sessions, so please come on out and support their fund raiser.

Pancake Breakfast

@

**Port Angeles
Fire Department**
102 E. 5th Street



Saturday
June 2, 2018
8am to 11:30am

Pancakes, Sausage, Applesauce, Bananas
Coffee and Juice

\$6.00 Adults * \$4.00 Kids 3-12 * Under 3 Free

Tickets sold at the door

Organized by PAFD Auxiliary and PAFD Staff
Proceeds to benefit

Scholarships * Fire Relief Baskets * Community Outreach

CCARC Standing Committees

VE Education and Training: Chuck Jones N7BV

Field Day Co-Chairs: Al Fisk KD7TFK, Chuck Jones N7BV, Rick AA0RD, Sheldon Koehler N7XEI

Health and Welfare: Nita Lyman KE7DRT

Membership Chair:

Net Coordinator: Mike Rice KF7VZZ

Program Co-Chairs: Andrew Rowland KF7QYL, Bill Peterson K7WWP, Chuck Jones N7BV

Public Relations: Bill McPherson W6JEQ, Bruce Reiter KD7WBM, Herm KG7WMZ,

Publications (Newsletter): Chuck Jones N7BV,

Technical Committee Coordinator: Doug Welcker, WB4KGY, Bob Sampson K6MBY, Bill Peterson K7WWP, Merrill Terpstra KA7FAM

Web Site Administrators: Bill Peterson K7WWP



CCARC Special Committees

Hamfest Table: Mark Ellington K7MAE, Doug Welcker WB4KGY, Andrew Rowland KF7QYL

Trailer: Mark Ellington K7MAE, Charlie Brown WA4DFT, Andrew Rowland KF7QYL, Glen Muir WA6RQW

Roster: Joe Edwards KI7RBS

Fireworks: Nita Lyman KE7DRT, Ray Montelius KG7WNB,

FT8 - Design, Setup and Operation

FT8 is less than a year old, but it's already the most popular digital mode by far. It's still gaining in popularity.

FT8 is optimized for weak signals and supports completing QSO's in one and a half minutes.

The Slide presentation will focus on four parts:

- * FT8 Design - a quick overview of FT8's design criteria with a few technical design details.
- * Computer Setup of WSJT-X - Configuration of computer for rig control and audio interfaces.
- * Operation - Details of WSJT-X's FT8 control and information screen along with WSJT's waterfall.
- * Live Demo - Remote computer operation of WSJT-X with HF-R

Bill Peterson / K7WWP

NEXT YL Luncheon**May 11, 2018****Downriggers
115 E. Railroad Ave.
Port Angele****Find us on the web at
www.olyham.net
Check it out. Lots of
information about ham
radio in Clallam County!****2017 - CCARC Ladies Luncheon Schedule****Reservations are made for 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. - Port Angeles
 August - Mariners - 609 W. Washington - Sequim
 September - Cafe Garden - 1506 East 1st St - Port Angeles
 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 th St., PA	Bruce Reiter KD7WBM 360-452-9851
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 Country 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:](#)**CLUB OFFICERS For 2017**

President: Mark Ellington K7DWE 360-460-4043 gossamer765@gmail.com
Vice President: Chuck Jones N7BV 360-775-8201 n7bv@yahoo.com
Secretary: Rosemary Day KI7MZH 360-457-6895 rosemaryday2000@yahoo.com
Treasurer: Joe Edwards KI7RBS 360-808-5282 thesharpshark2011@gmail.com
Board Chair Person: Chuck Stroehrer WA7EBH 206-799-6551 cstroehrer@wavecable.com
Board Member: Bill Peterson K7WWP 425-678-5753 billp@alaska.net
Board Member: John Lehto N4JAB ponyexpress@olypen.com