



CLALLAM COUNTY AMATEUR RADIO CLUB

QTC
DECEMBER 18

BV RAMBLES:

Decembers program should be an interesting one as we look forward in Ham Radio and our Club.

Program for CCARC December 12th meeting:

- ◇ The future of Ham Radio -- Looking forward to 2019
- ◇ A member participatory discussion on what's new in amateur radio for 2019, and a discussion on the club's activities for 2019. Let by Bill, K7WWP.
- ◇ The discussion will be open and may include subjects such as:
 - ◇ FT8 2.0
 - ◇ New and exciting products
 - ◇ Issues confronting Ham Radio and/or the club
 - ◇ **Youth oriented Field Day**
 - ◇ Potential monthly programs for the club in 2019
 - ◇ Comments on the best programs from the past
 - ◇ Member's planned 2019 projects
 - ◇ Trying to get more input at the board meetings

Sheldon says REMEMBER: Christmas Dinner

MARK YOUR CALENDARS

When: Saturday December 15th 5pm.

Where: 116 E Ahlvers St, Port Angeles (Independent Bible Church)

What: Christmas Potluck

Details: Club provides (and Sheldon cooks) Smoked Turkey and Ham. Bring your favorite holiday side dish and dessert. White elephant gift exchange.

If you have any questions, email Sheldon at sheldonk@gmail.com.

Last months general meeting was one of the worst attended meetings this year, we're guessing everyone was afraid they were going to be nominated for an Officer position within the Club. Hoping this wasn't the case. We need new blood, and ideas, the same 5-7 people who do most of the lifting within the club need more support and your contributions are important to move forward. So join a committee or attend the board meetings they are open and all input is welcome.

As we look towards the Holidays lets remember what they are all about and most of all enjoy them with your family and friends!

Get Your License Here!

Next Scheduled Training Dates TBD

**Chuck Jones N7BV
ARRL VE-L**

November Program

- ♦ 2019 Budget Approval (see P- 3)
- ♦ Officer & Board Nominations

Program for CCARC December 12th meeting:

The future of Ham Radio -- Looking forward to 2019

See Front Page for details.

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-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.

Below is the proposed 2019 budget for the CCARC. The amounts are based on reconstruction of the books and the audit committees work. The Board has approved the budget for presentation to the membership for approval at the December General meeting. Chuck S. WA7EBH Chairman of the Board

CCARC Budget 2019

2018 Income:		2019	Proj. Income
Member Dues	\$1,940	Member Dues	\$2,200
Fireworks	\$2,623	Fireworks	\$3,500
Donations	\$450	Donations	\$500
Total	\$5,013	Total	\$6,200
2018 Expenses		2019 Proj.	Expenses
Insurance	\$300	Insurance	\$300
DNR Lease	\$100	DNR Lease	\$350
Trailer Tabs	\$80	Trailer Tabs	\$80
P.O. Box	\$70	P.O. Box	\$70
Home Show	\$295	Home Show	\$400
Parts Reimbursement	\$330	Parts Reimbursement	\$350
Equipment Maint.	\$350	Equipment Maint.	\$350
Edu. & Training	\$100	Edu. & Training	\$250
Field Day Food	\$200	Field Day Food	\$250
Christmas Party	\$250	Christmas Party	\$300
Admin & Misc.	\$180	Admin & Misc.	\$250
Gunderson		Gunderson	\$400
Repeater Antenna	\$1,500	Repeater Antenna	
		CC Fair	\$300
Total	\$3,130	Total	\$3,400
Income	\$1,883	Income	\$2,800
2018 Income	\$5,013	2019 Income	\$6,200
2018 Expenses	\$3,130	2019 Expenses	\$3,400
Profit/(Loss)	+ \$1,883	Profit/(Loss)	+ \$2,800

Board Meeting December 5, 2018

Present: Chuck S. EBH, Bill WWP, John JAB, Rosemary MZH, Joe E. RBS, Mark MAE, Chuck N7BV, David IMN, Ross WVG, Jeanine WVD, Merrill FAM, George TTY.

Meeting opened at 6:55 p.m.

Minutes approved as published in the QTC.

President and Vice President: nothing to report

Treasurer: Completed Budget Proposal. To be published in the QTC for members to vote on at the next meeting. No dollar number for Gunderson. Members can make exceptions to the budget and any miscellaneous expenses goes to members to vote on.

Committee reports: none sent to QTC to be published. Newsletter doing o.k.

Website: Bill P to update membership base for 2019. Guidelines look good. Joe E to send reminder to outstanding members in March? Dues due for 2019.

Programs: Elections and Misc. discussion on where we are heading? Bring the membership info on new proposal for Field Day. Will re-present at meeting since only a few attended November meeting.

Old Business: John gave updated inventory data and thumb drive with pictures to Secretary.

Board declined to enter Home Show due to cost. Focus on Field Day and Fair instead. Will still place Ham Radio information at Ares booth with permission of Jamie.

Dave talked about ARES February 28th Marathon from Lake Crescent to Blyn.

Business cards: depleted most of 300 cards, printed 200 more. 100 to Emergency Services at County and Radio Shack. Has distributed 400 so far.

Proposal from John L. for Net operators to go by suffix rather than names to eliminate Net Control having to call for check-in from each individual for the Thursday Net. Board approved to send proposal to Net Operators for their input. Possible better method for check-in procedures?

Striped Peak going along fine. Still missing keys to Repeater cabinet, do YOU have them? Bob Pensworth has partially installed internet access. Gunderson on hold till spring?

REMEMBER to come to December Meeting to vote on new officers.

Meeting Adjourned at 8:42 p.m.

Respectfully submitted,

Rosemary Day KI7MZH, Secretary

WSJT-X 2.0.0: GA release**Mon Dec 10, 2018 6:26 am (PST) . Posted by: Joe Taylor K1JT**

The WSJT Development Group is pleased to announce the general availability (GA) release of WSJT-X Version 2.0.0.

If you have been using version 1.9.1 or earlier, or one of the candidate releases v2.0.0-rc#, it's important to upgrade now. The original protocols for FT8 and MSK144 are no longer supported. With v1.9.1 and earlier you cannot communicate with WSJT-X 2.0 using these modes.

We now recommend using WSJT-X 2.0 anywhere in the conventional FT8 and MSK144 sub-bands. Everyone should upgrade to v2.0 by no later than January 1, 2019.

NEW FEATURES IN WSJT-X 2.0

1. Compound and nonstandard callsigns are automatically recognized and handled using new FT8 and MSK144 message formats.
2. The new FT8 protocol provides optimized message formats for North American VHF contests, European VHF contests, ARRL Field Day, and ARRL RTTY Roundup. Similarly, the new MSK144 protocol provides optimized message formats for North American VHF and European VHF contests. Full support is provided for "/R" and "/P" calls in the relevant contests.
3. The new protocols provide nearly equal (or better) sensitivity compared to the old ones, and lower false decode rates.
4. New logging features are provided for contesting and for "Fox" (DXpedition) mode. Logging is optionally integrated with N1MM Logger+ and WriteLog.
5. Color highlighting of decoded messages provides worked-before status for callsigns, grid locators, DXCC entities, continents, CQ Zones, and ITU zones on a "by band" and "by mode" basis, and for stations that have uploaded their logs to Logbook of the World (LoTW) within a specified time interval.
6. The WSPR decoder now achieves decodes down to S/N = -31 dB. For the particular benefit of LF/MF users, an option "No own call decodes" has been added.
7. The UDP messages sent to companion programs have been expanded and improved.

A more detailed list of program changes can be found in the cumulative Release Notes:
http://physics.princeton.edu/pulsar/k1jt/Release_Notes.txt

Upgrading from earlier versions of WSJT-X should be seamless. There is no need to uninstall a previous version or move any files.

Please do not continue to use any release candidate -- that is, any beta release with "-rc#" in the version name. Links to installation packages for Windows, Linux, and Macintosh are available here:
<http://physics.princeton.edu/pulsar/k1jt/wsjsx.html>

We hope you will enjoy using WSJT-X Version 2.0.0.

-- 73, Joe, K1JT, for the WSJT Development Group

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Merry Christmas from new Brunswick
de Mike VE9AA and family

CCARC Ham Meeting 11-14-18

Meeting opened by Vice President Chuck Jones at 7:00 p.m. Pledge of Allegiance.

Committee Reports: Chuck S. reported new antenna on Striped Peak. Increased coverage, and good signals. Saturday the UHF beam was replaced with UHF 7 element beam pointed toward Forks. The permanent radios were sent to California for reprogramming.

Gunderson: Forks Hospital owns the building and tower on DNR land. Waiting for crew to get into building.

Home Show discussion as increased fees for booth. Will ask ARES to share cost.

Christmas is at Independent Bible Church on December 15th at 5:00 p.m. Club will provide smoked turkey and ham. Members to bring pot luck and dessert. Members can bring white elephant to exchange.

The Pacific Northwest DX Convention will be held in Everett in July or August. W1JT guest with several other speakers.

David Melvin, new head of ARES spoke of small charger he purchased at Costco. Small and compact, can even jump start a vehicle.

Nominations for Officers for next year. No volunteers for President. Rosemary said would run for Secretary again and Joe E. for treasurer. Stephen Mandeville KI7WVK to run for 2 year position on the Board. Still need one more volunteer for three year position as Board Member. Chuck to run as Vice President again. Bill Peterson will move up as Board Chairman. Be thinking of joining the Board!!

Field Day: Discussion on implementing idea of Community Field Day as outlined in the QTC. Would be centered around kids. Raffle, Gift certificates, food. CW scavenger hunt. Will have 3 radios set up. Will need 6 months lead time to set this up and lots of coordination. In January meeting, David will invite ARES to participate with the Club. We need BOTH to be successful. Secretary passed around pictures of events from the Astoria Field Day.

Need input from members for ideas for programs during our meetings.

ARES and Club HF nets??

Dennis gave discussion on communications with others in case of disaster. His sister and niece lived in Paradise and barely got out. Need to plan in advance. 5 minutes to leave. Links to Ham Radio??

14 members 1 guest,

Meeting Adjourned 8:10 p.m.

Respectfully submitted,
Rosemary Day KI7MZH
Secretary

DID YOU KNOW?

Looking at amateur radio forums and email threads, oftentimes reveals different thoughts or perspectives on amateur radio and they come from around the world.

Most of these have moved to groupsIO some of the ones that are of general interest pertain to things of common interest to you: here are some of my groupsIO. CCARCWA | W7FEL; Elecraft-K3; HamApps | (FT8); k1elsystems; N1MMLoggerPlus; SDR-Radio; steppir; waterfallbandmap; wwdxc. Those of you who have the Icom 7300— [ic-7300 / The Icom IC-7300 HF/6m SDR Transceiver](#) (3,875 Members). There is probably a group for anything you could need know. One great thing about these groups is you can ask questions and your pool of people who are knowledgeable is much greater than locally.

Page 4 contains the latest on WTJT-X and FT8 from groupsIO HamApps.

Recently there has been a topic regarding four more years of minimum sunspots:

Date: Mon, 10 Dec 2018 11:54:52 +0200
 From: Vytenis Sciucka
 To: cq-contest@contesting.com
 Subject: [CQ-Contest] At least four more years of solar minimum?

Interesting. But NOAA is not the only one making predictions.
 Two old players cycle predictions are Leif Svalgaard and David Hathaway.

Here is what Hathaway says:

*We predict that SC25 will be about slightly smaller (?95%) the strength of SC24, making it the weakest solar cycle in the last hundred years. We also predict that, like SC24, SC25 will be preceded by a long extended solar minimum. *

Full article is not available publicly, but abstract can be found here:
<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2018GL078387>

Leif Svalgaard (University of Stanford) predicts:

SC25 will be somewhere between SC24 and SC20, provided the Polar Field Precursor Relationship holds (SSN24: 116; SSN20: 152)
 Paper is available at <https://www.leif.org/research/Prediction-of-SC25.pdf>
 Prediction is on the last page of paper.

Last prediction that I'm aware of comes from India. I have not heard these names before: Dibyendu Nandi and Prantika Bhowmik. Their prediction is located <http://www.cessi.in/solarcycle25prediction/>, and says cycle should start in late 2019 and should be higher than cycle 24.

Lets wait and see.

 Vytenis LY5T LITHUANIA

Reading and having curiosity about things are good things to use in Ham Radio to learn. 73

As of November 7, 2018

Checking: \$7,782.27
Savings: \$3,033.19
CD: \$1,056.86
Total Assets: \$11,872.32

Respectfully, Joe Edwards KI7RBS

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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CCARC Standing Committees

VE Education and Training: Chuck Jones N7BV

Field Day Co-Chairs: Al Fisk KD7TFK, 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:

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

Roster: Joe Edwards KI7RBS

NEXT YL Luncheon**December 14, 2018****Cedars at Dungeness****1965 Woodcock Rd.****Sequim**

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

2018 - CCARC Ladies Luncheon Schedule
Reservations are made for 11:30 - 2nd Friday of
each month

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	
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:](#)

Chris Icide W6EZE

CLUB OFFICERS For 2018

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 Stroeher 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