

CLALLAM COUNTY AMATEUR RADIO CLUB

QTC
JANUARY 12

HAPPY NEW YEAR!

Greetings!

We are off to the start of another new year! With some new faces and additional support from members stepping forward to take a more active role, this ought to be one of our best yet!

It's that time once again-if you haven't already done so-to pay membership dues for 2012. Snail-mail them, or take care of them at our 1st club meeting of the new year-January 11th.

We are requesting articles and pictures for our upcoming newsletters from you-our members. Our Publications staff works 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.

Hope to see you at the meeting, and hear you on the net!

Mobile safely out there!

W7RJW Rebecca Winters

Book Review:

BLACKBIRD by John Kovac

This book is a work of fiction that includes Amateur Radio. It doesn't just include the use of radios it's the central theme of the entire plot. It's a spy thriller set in the twenty first century and involves APRS, GPS, Packet Radio, HF Nets and military satellites. It's sort of a Hardy Boys and Nancy Drew in today's world. The target audience seems to be teenagers. The book held my interest but not to the point where I couldn't put it down. The dialog seems to be choppy and the interaction among the characters seems too good to be true. I enjoyed the book and it's good to see new Ham Radio fiction where the radio stuff isn't just plastered on the central story.

Bill Carter, W7WEC

99-year-old Ham Radio Operator Still *Tuned In*

WASILLA- When Arlene "Buddy" Clay says she spends every night on the "net," she doesn't mean the Internet. She was 32 and World War II was raging when she came to Alaska in 1944 with her husband, Earl, to work with the Civil Aeronautics Administration in Nome, AK.

Find the rest of the story on the web by using this URL

<http://bit.ly/QTC0112-A>

Submitted by Nita - KE7DRT

Get Your License Here!

Classes scheduled for
April 7, 14, 21, 2011.

Call **Chuck** N7BV 452-4672 for information or see the clubs website at olyham.net.



**Chuck N7BV
ARRL VE-L**

Echolink on W7FEL

Echolink has been up and running without failure since it was returned to me in mid-December. There have been in the area of 30 accesses to the clubs Echolink service since December 20th.

Most of them have been from local club members but several have been from out of country. Africa, the UK and Germany EchoLink users check in but I have no idea whether anyone was on to talk to them or not.

If you have difficulty with Echolink please drop me an email and I will look into the issue as soon as possible.

Bob - K6MBY@olypen.com

LOADS OF INTRUDERS ON 10 METERS

Courtesy: ARNewsLine.org

Pirate operations are showing up on 10 meters. Following the improvement in propagation on 10 meters in recent weeks, there are many illegal users of this band. Signals mainly seem to come from the western part of Russia.

Information regarding these intrusions is being gathered by RSGB Intruder Watch program. It will be used to support a complaint to the Russian authorities in an attempt to clear this nuisance from what should be an exclusive amateur band.

But all of the intruders may not be Russians. Others are obvious unlicensed operators using A-M and SSB in North America. These are likely illegal 11 meter export type CB sets sold by unscrupulous dealers in the United States and elsewhere that only require a tweek to put them onto the 10 meter band. If you hear these operators and have a way to record them, do so and then send the audio file to the FCC Enforcement with a letter stating what you heard, when. Be specific. The more information that you can provide to the FCC, the better.

Submitted by David - **KE7TTT**

Program for: January

**Alaska Earthquake
AL7KK - Robert Wilson**

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.

From The ARRL Contest Update for Dec. 21, 11

A great Ham magazine from the past was **73 Magazine**. If you were to read all the issues you would have a solid history of Amateur Radio from the 60's onward. If you do download and read them - watch out for the April issues - they were full of April fool articles. Enjoy.

"The Internet Archive project has just published nearly every issue of defunct **73 magazine**, all the way back to January 1961. While dominated by the editorial adventures of Wayne Green W2NSD, the magazine also featured loads of simple (sometimes too-simple) construction articles, expedition adventure writing by Gus Browning W4BPD and other, and had a loyal following for many year.

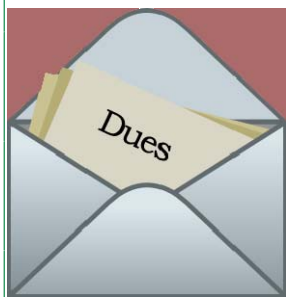
Find them here: <http://bit.ly/QTC0112-B>

You may read the material online or download PDF files. (Thanks Leigh WA5ZNU via the QRZ.com website.)"

Submitted by Chuck - N7BV

WELCOME New Member:

Eoin Doherty, EI7FXB



January also brings Dues.

Club By-laws call for dues to be paid in the first quarter of the year. Please write your call sign on checks.

CC-ARC Budget for 2012

<u>Category Description</u>	<u>Budget</u>
INCOME	
ARRL License Book Sales (56 @ \$25.00)	1,400.00
ARRL Test Fees (40 @ \$15.00)	600.00
Donations	120.00
Interest Income	7.20
Membership (90 @ \$20.00)	1,800.00
Raffle	100.00
Repeater Repair Fund	5,000.00
TOTAL INCOME	\$9,027.20
EXPENSES	
Equipment	
Acquisition	4,000.00
Repair	1,000.00
Software	120.00
Utilities	60.00
TOTAL Equipment	5,180.00
Events	
Christmas Holiday	
Rentals	20.00
Supplies	180.00
TOTAL Christmas Holiday	200.00
Field Day	
Equipment	100.00
Rentals	0.00
Supplies	350.00
TOTAL Field Day	450.00
VE Picnic	
Rentals	0.00
Supplies	250.00
TOTAL VE Picnic	250.00
TOTAL Events	900.00
Insurance Expense	340.00
Office Expense	
ARRL Scholarship	100.00
Memberships & Registrations	50.00
Post Office Box	42.00
Postage	50.00
Safe Deposit Box	50.00
TOTAL Office Expense	292.00
TOTAL Property Rental	400.00
Training	
Books & Supplies 56 @ \$20.00)	1,120.00
Equipment	0.00
Speaker	85.00
Testing Fees (40 @ \$15.00)	600.00
TOTAL Training	1,805.00
TOTAL EXPENSES	\$8,917.00
OVERALL TOTAL	\$110.20

AMATEUR RADIO LICENSE CLASS

Date: April 7, 14, 21
Time: 0900 to 1700

PA Fire Department

5th and Laurel Street

EXAM: April

21, 2012 at 1300

Anyone interested in earning their entry level, (Technician class) Amateur radio license or the Intermediate level (General Class) is invited to attend three classes on successive Saturdays, starting Saturday, April 7, 14, 21th, in the training room at PA Fire Department 5th and Laurel. The classes will run from 0900 to 1700 with an hour off for lunch. April 21st is class and review in the morning. The examination session is at 1300L.

Candidates will learn Rules and Regulations, Basic Electronics, How to Operate, and Radio Frequency Safety.

There is no cost for the class, which is presented by volunteers from Clallam County Amateur Radio Club. Candidates must purchase an American Radio Relay League Technician or



General License Manual at a cost of \$29.95. Direct at <http://www.arrl.org/catalog/> These manuals are also available from Dennis Tilton, who may be reached at 360-452-1217. (Save on shipping costs.)

The exam session cost is \$15.00 for processing.

Those earning their license will be allowed to communicate with other hams world wide, and to participate in the Amateur Radio Emergency Service, an important part of Homeland Security.

For more information, or to register for the class, call Chuck Jones, N7BV, at 452-4672 or Dennis Tilton at 452-1217.



CLALLAM COUNTY AMATEUR RADIO CLUB**Minutes of the General Meeting 14 December 2011**

The meeting was called to order at 1900 by Club President Becky, W7RJW. Twenty-six people attended the meeting. Bill, W7WEC passed around a signup sheet just for this meeting. He stated it was to list those who were present and concerned about the club. 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:

Chuck, N7BV announced that Bob, KF7EFL was involved in a traffic accident today. Bob K6MBY reported that the Doctor says he's beat up and sore but otherwise seems OK. Chuck circulated two cards for signatures. Bob's KF7EFL and Callie N7YMU. Callie has had knee replacement surgery.

Presentation:**Election of Officers:**

There was the usual discussion on the proper procedures for voting. It was finally worked out to most people's satisfaction. The meeting was always open for new nominations during the voting.

President: Becky won reelection by a unanimous vote.

Vice President: Al, W7ALP by a unanimous vote.

Treasurer: Ernie, W7EWG by a unanimous vote.

Secretary: JoAnn KF7SCX (nominated by Bill WO7S) by a unanimous vote.

Board (2 years) David KE7TTT by a unanimous vote.

Board (3 years) Dennis AD7TV by a unanimous vote.

Break: 1940**Business Meeting:** Called to order at 2005

The Minutes of the last Club meeting, and Board meeting, were approved as published in the November QTC.

Officer reports:

President: Becky. None

Vice-President: Absent.

Secretary: None.

Treasurer: Ernie will publish in the next QTC. He did report the final sales from SK sales was \$780 and \$375.

Chairman of the Board: Absent

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CLALLAM COUNTY AMATEUR RADIO CLUB
Minutes of the General Meeting 14 December 2011

Continued from previous page...

Committee Reports:

Activities: No report. Bill WO7S stepped up to take on this task. Becky W7RJW volunteered to do the monthly refreshments for the meeting.

Pub Relations: Absent. Nita is going in for back surgery. Bill WO7S also stepped up to take over this job.

Publications: Chuck, N7BV mentioned we still need articles for the QTC. He thanked Bob for co-writing the newsletter every other month. Jeramey KF7BMC and Bill WO7S said they would help Chuck with the newsletters next year.

Membership: Becky has turned this position over to Nola KC7ZNW.

Health and Welfare: Chuck reiterated that two cards are being circulated. JoAnn KF7SCX volunteered to take over for Chuck this coming year.

Technical: Mark AE7IP is taking over this job. Dennis AD7TV mentioned that the specs and Beta test reports on the Elecraft KX3 are looking better and better.

Field Day. Al KD7TFK reported that the committee has received 8 votes for the fairgrounds, 2 for the Sequim Hall, and 0 for the Sequim field near Walmart. Al wanted everyone to know that the write-up about locations was all the work of Bob, KF7EFL. Al's computer was down. Becky will check to make sure our fairgrounds reservations are for the correct weekend in June. ie June 22 to 24th.

Net: Steven N7US had to leave early so no report.

Repeater Trustee: Absent

Education and Training: Chuck N7BV reported that there will be a course in April. There can be an exam session even sooner if there are any who would like it. Let him know.

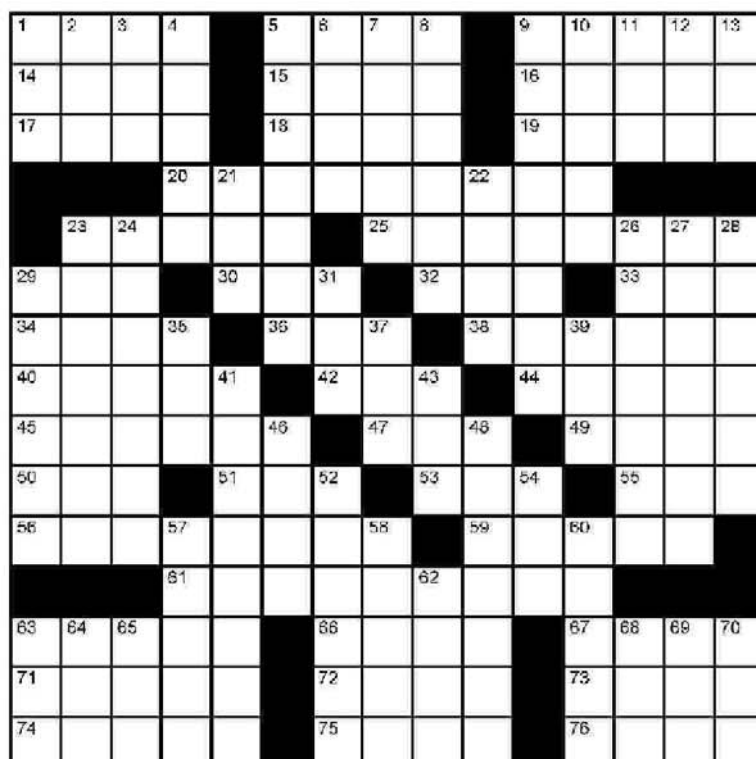
Web site Administrator: Absent.

Old Business: None

New Business: Next month's presentation will be a video on the earthquake in Alaska. The meeting is Jan 11th.

2030: The motion was made and approved to adjourn the meeting.

Bill Carter, W7WEC
Secretary, CCARC



Down

1. Bal. mod. prod.
2. QTC test
3. Pertaining to, on CW
4. Civil rights org.
5. Quickly run
6. Partner of circumstance
7. CA company*
8. Replicated
9. FCC does it, to a 2-year vacant call sign
10. OT discrimination?
11. ABC followers
12. Professional suffix
13. Older OMs, or YLs for that matter

21. Connector label, often
22. Soldering implement
23. Toothy fish
24. Permittivity symbol
26. Performed a canticle, e.g.
27. IA company*
28. Candies
29. IL company*
31. On-air group
35. "___ he drove out of sight..."
37. "599 HR - FB ___ OM"
39. QR followers
41. Where most verticals are fed
43. ENN, for example, with "numbers"
46. Horizontal location, during a

- contest off-time, perhaps
48. What a ham does before identifying
52. Hi-Z low-Z interfaces, say
54. Subway alternative
57. Prefix for a Seoul man, or YL for that matter
58. Four over four, for example
60. Mythological SV YL
62. Little pistol view of a big gun?
63. Rprt.
64. CO company*
65. 70's rock?
68. CA company, originally in WA*
69. SK company*
70. Keyboard key

Across

1. CA company, started in AZ*
5. Sens., IMD, selectivity, e.g.
9. With 20, 61 and 76 across, the theme of this puzzle, and the * clues
14. PJ6 place
15. Inductor
16. Put out
17. Tester type
18. Magazine contents
19. G-land elevators
20. See 9 across
23. Animate
25. Porcelain, etc.

29. Kind of code
30. TN company, with 53 across*
32. Windows predecessor
33. Immediately
34. GM Gaelic
36. Hi-___
38. Crunch maker
40. SN currency
42. Tower ring
44. Lifted, so to speak
45. Coastal features
47. Browning, ham, or Grissom, not
49. ___ of measure
50. However, on CW
51. Part of NIB, on eBay, say

53. See 30 across
55. Lt.'s inferior, in the Navy
56. Passings on
59. NORs' cousins
61. See 9 across
63. Transplant, in a way
66. Operates, as in a multi-multi
67. Wise men
71. Kind of pad
72. Xmtd, opp.
73. Hammer part
74. ___ pole
75. GM island
76. See 9 across

Maidenhead Map Link

<http://f6fvy.free.fr/qthLocator/fullScreen.php>

You can click and drag, or type a locator into the box in the middle at the bottom.

Submitted by Chuck - N7BV

On the Air:

ARRL 10 Meter Contest Sets Record

From The ARRL Letter for January 5, 2012

As of January 5, almost 5200 logs have been received for the [ARRL 10 Meter Contest](#). Contest Manager Sean Kutzko, KX9X, is happy to have sunspots back: "This just goes to show what sunspots can do for activity. When the solar flux climbed to 190 in September, it was like the first warm day after a long winter; people came out to play -- and play they did, in unprecedented numbers! Activity during this contest season has been nothing short of tremendous, and it seems to have reached a zenith for the ARRL 10 Meter Contest. Old Timers and new licensees from all around the world got on the air and had one heck of a good time on 28 MHz the second weekend in December, shattering the participation record by more than 2300 logs. And we still have a week to go before the log submission deadline!"

For those of you who missed out on this years 10 Meter Contest you really missed something. Actually checking on 10 meters any weekend you could run into lots of stations.

-Give it a shot. 73, Chuck N7BV
Reprinted with permission

Beware: The little yellow wire.

By Bill Carter, W7WEC

I was shocked. The small jumper didn't measure zero ohms. I checked another and it didn't either. The yellow one, the red one, the black one, they all were erratic. Sometimes they did read zero. If I held the alligator clip or wire and pushed or pulled it just right then it would be zero. What's going on here? These are the small 12 – 14 inch jumper wires with a clip on each end and vinyl covered boots. Test leads should be zero ohms. Nine jumpers and they all are erratic. No way. It must be my meter. So I get a new meter, and have the same results.

I had been working on a small project. A control board would operate a small automotive relay. It was supposed to be a simple and quick project. The board required nine volts and the relay was twelve so I built a small circuit to regulate twelve down to nine to operate the board. The board then did its tricks and was supposed to energize the automotive relay. This circuit had to work reliably but it was very erratic on the test bench. No consistent results. That's what leads me to check the jumpers.

Looking close at the jumpers I saw they were made in Japan. It seems like everything similar to this is made in China these days. That means these jumpers were old. They looked close to new. I probably got these at a garage or SK sale. To be fair to Radio Shack this was not their fault. The new ones check out fine.

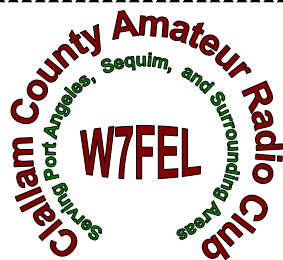
Now I can go back and finish the circuit.



**Find a wealth of
information and
links on the club
website:**

OlyHam.net

Thanks to Website Administrator Rik, W7RIK!



It is time to re-up the Clallam County Amateur Radio Club by submitting your **2012 Annual Dues of \$20.00***.

You may begin bringing in your payments of Cash or Cheque (Payable to CC-ARC) to January's Meeting on the 11th. You may also mail them to:

CCARC
PO Box 2562
Sequim, WA 98382

*Your dues will cover you (& your XYL, if not a licensed Operator) for the year. If you want a family membership where both FCC Licensed members will have voting privileges, please send in \$30.00.

Members with dues not collected by the end of January 2012 will be removed from the Membership Roster & Distribution List(s).

Thanks for all you do to make our Clallam County Amateur Radio Club such a Great Organization!

Ernie Griffith W7EWG
CCARC Treasurer
W7ewg@arrl.net

CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

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FROM OUR TREASURER:

As of Dec 31 , 2011:

First Federal Savings & Loan of Port Angeles Balance:	\$ 6106.05
Outstanding Cheques:	\$0.00
Checkbook Balance:	\$ 6106.05

Thanks,

Ernie Griffith
W7EWG
CCARC Treasurer

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COMING EVENTS

March 10th 2012
Mike and Key Club Electronic Show
and Flea Market at the
Puyallup Fairgrounds

<http://www.mikeandkey.org/flea.htm>

CLUB OFFICERS For 2012

President: *Becky, W7RJW*

Vice President: *Al, W7ALP*

Secretary: *JoAnn, KF7SCX*

Treasurer: *Ernie, W7EWG*

Board Member (Chairman): *Chuck, N7BV*

Board Member: *Dennis, AD7TV*

Board Member: *Vacant*

YL LUNCHEON

Bushwacker Restaurant
 1527 E. 1st St
 Port Angeles
 Time: 11:30 a.m.

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

2012 YL Luncheons:

Reservations 11:30 2nd Friday of each month

January—Bushwacker Restaurant—Port Angeles
 February - Old Mill Cafe - 721 Carlsborg Rd. - Carlsborg
 March - Fiesta Jalisco 636 E. Front - Port Angeles
 April - Oak Table - 292 W. Bell - Sequim
 May - Downriggers - 115 E. Railroad Ave. - Port Angeles
 June - Mariner - 707 E. Washington - Sequim
 July - Gordy's Pizza & Pasta - Port Angeles
 August - Tarcisios - 609 W. Washington - Sequim
 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, 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 5 th & Laurel Streets	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 Drive	Chuck Jones, N7BV 360-452-4672
CCARC Board Meeting	TBA	TBA	Chuck Jones, N7BV 360-452-4672
Clallam Country Amateur Radio Club YL social lunch	11:45 am 2nd Fri of every month	Rotates - announced on Thursday night Net	Chuck Jones, N7BV 360-452-4672

Happy Birthday!

Rebeca Winters W7RJW
 Janet Parris WA7JEP
 Donna Hubley KE7DJH
 Perry Lind KC7ZEE

Ernie Griffith W7EWG
 Carol Harty KE7OMR
 Jeffy Kopis WB7UKT
 Bob Rouleau KF7EFL

Julieta Welcker YL-WB4KGY

Coming in the February edition of QST:

How I became interested in Ham Radio
 By our very own Karen—KA7REN

Feedback, Comments or Article submissions are appreciated to CCARCQTC@Yahoo.com
Thank you for January Contributions, Ed