



# CLALLAM COUNTY AMATEUR RADIO CLUB

# QTC

SEPTEMBER 07 07

## BV Rambles

On August 19<sup>th</sup>, nineteen CCARC members journeyed to Victoria to a luncheon as guests of the Victoria Short Wave Club. We left Port Angeles in the rain, on the 08:20am ferry. We had a great time and heard an excellent presentation about their equivalent of ARES/RACES with some pretty interesting points. Roger, W7RGR won the door prize (a unique hand made folding side table), only after Al W7YLV turned it down, having won the same prize two years ago!

At this months meeting we will have an instructional demonstration by Burt, KN7R on his proven way to solder coaxial connectors. While I can hear the 'why? I know how to do that' unfortunately there are a lot of coax connector failures; so it would seem this is a topic we could all learn from. I know how my previous employer taught us (no short cuts there) and I recently learned about the K3LR way, which is quicker, but not for VHF.

Another meeting point will be collecting your recommendations for CCARC's Ham of the Year, and Honorary memberships. Please give thoughts to whom you would like to see honored.

The Northwest DX Convention was a blast. Good camaraderie, good presentations, including an overview of three of the bigger stations in the North West, VE7SV, K7ZSD, and NK7U. Look them up on the web, amazingly VE7SV antenna system is comprised of remnants of damaged beams collected over the years; K7ZSD uses some wire antennas on the low-bands and NK7U has the ultimate desk.

At a late night bull session 4-5 of us sat around with Dennis Motschenbacher K7BV, Executive VP Amateur Radio Sales of Yaesu, talking about the throw away society we live in, which is contrary to what hams think of what they should get out of their equipment purchases. We almost solved the problems of the world, but.....

I scored a sleeve of the good Yaesu promotional hats, so the first 20 people at the meeting Wednesday can pick one up if they like.

Have you been working on your outdoor antenna projects, before the rains come? I have, but then that is almost a constant with me. Let us hear from you by writing a short article, maybe with a picture for the QTC.

As always thanks for your time and space. 73, Chuck

### **Antenna party in Joyce.**

Seeing the need for communications out here in Joyce, and being that in a major disaster, we could be cut off from the rest of the communications networks that have been established here on the Peninsula, it has come to our attention that there is a serious need to start gathering the necessary equipment to make such a connection.

Last Tuesday proved to be an excellent day to start such a plan. Janet, WA7JEP had already been talking with the Fire chief, Jim Johnson of Fire District #4, to start the wheels turning, since she also works with the CERT program out in this area. Chuck, N7BV brought several antenna's, including a ground plane home brew antenna, and an Isopole for 144MHZ. Since the Isopole has better gain, it was decided to try that first. Janet's husband Charles, KE7KVZ went up on the roof to dismantle the existing antenna system, consisting of an old TV antenna and a 49MHZ commercial antenna, and the small eight foot pole holding both.

The hardest part seemed to be coordinating the feedline for the antenna. With an Iso-pole antenna, the feedline (COAX) goes up thru the mast, with the radiator mounted on the top of the pole/mast. It isn't as easy as it sounds when you're working with hard-line.

Once that was fed thru it was just a matter of mounting the cones on the mast and securing the radiator on the top. Again, not as easy as it sounds. We did have a great audience though, since Tuesday night was also drill night for the fire department out here. We had a slew of firefighters/EMT's on hand in case something went wrong. It was real comforting. although they were probably wondering who all these strange people were jumping around on top of the firehouse.

The main problem that we have to tackle next was, getting the antenna dimensions correct since no one knew the proper spacing for the 2 cones right off the top of there head. I have since then found a PDF with the instructions, and will be tackling that problem next.

All in all, it was great hanging out and working with together again, with Chuck, Janet, her hubby Charles, Jody and Becky, and getting this started. Thanks to all who participated in this antenna party. Next we need to get the radio equipment installed in the firehouse, and start a schedule to man the station, any volunteers yet ?

Theron (KC7NPP)

### **PROGRAM FOR August**

Burt, KN7R will present how to solder PL-259 coaxial connectors. This is something you will need to know or wish you knew how to do at some point in your ham radio career.

### **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.

**Want** to try your hand at editing the club's newsletter? We are looking for one or two people to take over this function.

The way it works is we use MS Publisher to layout the newsletter (MS Word would work), then convert it to PDF format for distribution to CCARC members.

Actually no editing is done, doing a quick spell check and changing fonts to make things standard within the newsletter.

Please contact either Bob Sampson or myself if you would like more information.

Chuck, N7BV

### **Clallam County ARES/RACES**

Clallam County ARES/RACES is actively seeking new members and would like you to consider joining. This is a chance to prepare to be part of a solution during an emergency.

All RACES members are required to pass the FEMA/NIMS training IS-100, 700 and IS-200, 800. These courses are free and have been mandated by Homeland Security. They are available on-line at <http://training.fema.gov/EMIWeb/is/>.

Chuck Jones, N7BV, EC Clallam County

### **Amateur Radio Classes and Exams:**

We are organizing for a class October 13, 20, 27.

We are trying to figure out if we can actually do two classes at the same time a General and a Technician class.

73, Chuck

### **NEW TRUSTEE**

Bill Johnston, K7WZ is the new Repeater Trustee of W7FEL.

Bill will have the codes to take care of the repeater and shut it down should the need arise.

We need articles for the QTC newsletter. This is after all 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 ([ccarcqtc@yahoo.com](mailto:ccarcqtc@yahoo.com)) the less we have to do, or think of. Or less blank space!

Thanks, the staff!

## MEDICAL ELECTRONICS - A Layman's view

As many of you know, the XYL recently underwent open heart surgery to replace a defective aortic valve. It's a brutal process that involves sawing through the breastbone and spreading the ribs apart to gain access to the heart. Since sewing a new valve in place with everything jumping and squishing about is like trying to adjust a car's valves with the engine running, the heart and breathing are stopped and the patient is sustained on artificial life support for five or six hours while the surgeons do their thing. Skilled as they are in procedures that were undreamed of a generation ago, "routine" operations such as heart transplant, valve replacement and artery bypass are enabled, largely, by advances in electronics - the same kind of advances that let us operate in digital modes and enjoy computer control over many of our operating and logging functions.

The work was done at Swedish Heart and Vascular Institute in Seattle. A week before surgery, an angiogram was made to examine the arteries about the heart. This would tell the surgeon if he'd need to do bypass surgery in addition to the valve replacement. After the test, an ultrasound examination was made of the blood vessels and arteries in the neck and head to ensure nothing had broken loose during catheterization that could migrate to the brain and cause a stroke. As I watched the technician scan Shirley's neck with a transducer, I thought back to 1975 when my father died from heart failure. The only instrument the doctor had to help him with his diagnosis was a stethoscope. Ultrasound was just coming into play but it was not generally accepted and not very useful. Then, all you could get from it was an audio "whoosh" from the Doppler effect as blood rushed through the arteries. A lot has changed since then.

Today's ultrasound machines bounce sound waves against internal organs much as SONAR locates objects underwater and, using software driven computer enhancement, morph the return echo into a high resolution video image along with readouts of pressure, flow rate and a lot of other parameters, all of which are burned onto a DVD to be examined and re-examined at will. The process took about an hour. The technician, a young lady of Taiwanese origin who looked to be no older than my granddaughter, slowly moved the transducer along an uncharted path with one hand, while using a keyboard with the other to reveal, at first, a video image of a chosen vein. Then, with a few keystrokes, she'd command the signal to penetrate a few microns deeper to examine the vein's interior and finally to produce a cross sectional view, switching to color from time to time to see blood pulsing it's way along the pipes and canals that constitute the human cardio-vascular system. All the while she provided a running audio commentary to orient the doctors as to what they were seeing on playback.

I'd worked with ultrasound machines before but I've never seen any that could produce the kind of resolution and detail this one did. A few months ago, I spoke with a Danish engineer from Siemens AG. He was working on a project to improve the video resolution and capabilities of ultrasound. Having witnessed the latest and best in operation, I can only imagine what progress there might be a few years, or even a few months from now. It would seem that medical instrumentation follows the same curve that characterizes consumer electronics. As the latest model is being uncrated, it has already been made obsolete by a newer and better one.

Another impressive tool is the telemetry of vital signs. Time was, when a postoperative patient was bedridden and tethered to monitors for several days. No longer. Once out of ICU, sensors are attached at strategic places on the body and wired to a transmitter about the size of a VHF HT which is then slipped into a pocket on that backless gown they still issue to hospital patients.

(There should be a sign over the entryway that reads: *Abandon all dignity, ye who enter here*). . Blood pressure, blood oxygen content, muscle activity, heartbeat rate and a host of other data are digitized and transmitted to fixed and portable stations about the hospital and displayed in high resolution, full-color graphic format. No one I spoke with could tell me what frequency was being used but judging from the length of antennas mounted on the telemetry carts and spotted about the ceiling, I'd guess it to be about 300 Mhz. With portable telemetry, the patient has full mobility and is encouraged to use it, within reasonable limits, of course.

I could go on and on but you get the point. Imagine what this sort of thing might mean for ham radio in the future! The fusion of radio and computer technologies provides for limitless possibilities. Some of these are already becoming evident in the marketplace. Two examples that come to mind are the new Elecraft K3 all mode transceiver and the Flex 5000 software defined radio. They are a bit pricey right now and out of reach for most of us but, as the competition closes in and the technology becomes commonplace, they will become available to all. It's a brave new world out there, folks!

Oh yes, back to the heart valve. It's not one of those new fangled mechanical valves we hear so much about. It's an old fashion bovine tissue valve. Shirley named it "Elsie" after the Borden cow. It will have to be replaced again in about fifteen years but, not to worry. The surgeon informs me that by then, a new type of valve inserted by a simple catheterization process will be available. Ain't science grand?

## Paul Honore' W6IAM

To everyone in CCARC and ARES:

Thank you for from the bottom of our hearts for your prayers and good wishes, and for the wonderful plant and garden angel. It's a long process but Shirley is slowly recovering from heart surgery and I expect to be active with the club and ARES again in a limited way soon and fully active before the end of the year.

Paul Honore' W6IAM





### Thursday Net

August was a pretty good month for Honor Roll. We had 15 this month, and the weekly checkins are averaging about 29. Here's the list and input for September

\*\*\*\*\*

Listed below are the Honor Roll folks checking in 100% for August

- N7BV Chuck\*
- WB8BVK Paul
- KE7DRT Nita\*
- KE7EZZ Leah
- KE7JEJ David
- KE7KWG Becky\*
- WA7LDM Jim
- KC7LTW Donald
- K5MTW Don\*
- K7NIA John\*
- KC7NPP Theron\*
- K7PVZ Bob
- WX7RIK Rik
- KJ7SK Frank
- W7WEC Bill

Those with an asterisk behind their name are 100% for the YEAR! Great job!

73, John Moore K7NIA  
Net Control Coordinator

### Board Seat

Bill Carter was approved by the general membership at last months meeting.

Thanks, Chuck

### NOTES FROM THE SECRETARY.....

As has been done in the past, your Club Board of Directors will consider suggestions for Honorary Life Membership from among members of the Club. In addition, the Board is considering selection of a "Ham of the Year" for special recognition. As Club members, you are invited to consider nominations for Ham of the Year, and also let the Board know if you feel someone merits receiving Honorary Life Membership.

Please send your thoughts and any nominations to Chuck, n7bv@yahoo.com and CC: to Bob, k6mby@olypen.com.

Another item....

The Club owns various items that are used for Field Day and perhaps held in reserve for emergency use, but we (the Board members) are not sure we know where everything is. So we are going on the trail to find out, and your help is solicited! Please let us know what club-owned equipment you are holding.

Send your information to Rich at n7ncn@myfam.com or call at 683-9309.

Thanks

### Remember Coffee!

We will break for coffee (decaf) and socialize for a few minutes or so during the meeting. Several of us will bring coffee in thermoses or carafes to share.

Ever wonder what a 1925 ham radio license looked like? No, well then you can see a copy below. Danny, K7SS posted this 1925 license on the Western Washington DX Club's Email reflector. In a subsequent Email exchange with him, Danny pointed out that a lot of history goes missing when some of our fraternity dies in the form of old books, QSL cards and other papers associated with our hobby.

"In my collecting of old QSL cards, I came across this 1925 license for 9AXL a 16 year old from Missouri. 20 Watts to an inverted L right on the license, and 200 meter band only."

Form 765

PROVISIONAL  
ORIGINAL

Official call 9 A X L Number 1208-A

LICENSE FOR general AMATEUR RADIO STATION  
(General or restricted.)

DEPARTMENT OF COMMERCE  
BUREAU OF NAVIGATION  
RADIO SERVICE

This station is not licensed to transmit between the hours of 8:00 and 10:00 p. m. local standard time nor Sunday mornings during local church services, and is not authorized to broadcast news, music, lectures, sermons, and any other form of entertainment.

Pursuant to the act to regulate radio communication, approved August 13, 1912.

James Oliver Craig, age 16, a citizen of the State of Missouri, county of Livingston, city or town: Chillicothe, street No. Cherry St., No. 1002,

having applied therefor, is hereby granted by the Secretary of Commerce, for a period of two year<sup>s</sup>, on and subject to the restrictions and conditions hereinafter stated and revocable for cause by him, this License to use or operate the apparatus for radio communication (identified in the Schedule hereinafter) for the purpose of transmitting private radiograms or signals, notwithstanding the effect thereof extends beyond the jurisdiction of the State or Territory in which the said station is located: *Provided*, That no interference other than may result under the restrictions contained in this License shall be caused with the radio communication of stations of the Government of the United States or licensed stations.

2. The use or operation of apparatus for radio communication pursuant to this License shall be subject also to the articles and regulations established by the International Radiotelegraphic Convention, ratified by the Senate of the United States and caused to be made public by the President, and shall be subject also to such regulations as may be established from time to time by authority of subsequent acts and treaties of the United States.
3. The apparatus shall at all times while in use and operation be in charge of a person or persons licensed for that purpose by the Secretary of Commerce, and the operator of the apparatus shall not wilfully or maliciously interfere with any other radio communication.
4. The station shall give absolute priority to signals or radiograms relating to ships in distress; shall cease all sending on hearing a distress signal; and shall refrain from sending until all the signals and radiograms relating thereto are completed.
5. The station shall use the minimum amount of energy necessary to carry out any communication desired, and the transformer input shall not exceed one kilowatt, or equivalent if vacuum tubes are used.
6. The station shall not use a transmitting wave length exceeding 200 meters.
7. The station shall not use a transmitter during the first 15 minutes of each hour, local standard time, whenever the Secretary of Commerce by notice in writing shall require it to observe a division of the time, pursuant to the Twelfth Regulation of the act of August 13, 1912.
8. The President of the United States in time of war or public peril or disaster is authorized by law to close the station and cause the removal therefrom of all radio apparatus, or may authorize the use or control of the station or apparatus by any department of the Government upon just compensation to the owners.
9. The Secretary of Commerce and Collectors of Customs or other officers of the Government authorized by him may at all reasonable times enter upon the station for the purpose of inspecting and may inspect any apparatus for radio communication of such station and the operation and operators of such apparatus.
10. The apparatus shall not be altered or modified in respect of any of the particulars mentioned in the following Schedule except with the approval of a radio inspector, or other duly authorized officer of the Government.

Name of naval or military station, if within 5 nautical miles, None

Type of transmitting apparatus: CW.

\*Power: Transformer input, 20 W.<sup>2</sup> Antenna: Type (T, J, etc.) Inverted L

Height, 35'; horizontal length, 67'  
(Above ground.)

Wires: Number in vertical part, 1; in horizontal part, 1

The normal sending and receiving wave length shall be 176-200 meters and the station is authorized to use the following additional wave lengths, not exceeding 200 meters: 176-200 meters.

Nov 19 10 25



4. The station shall give absolute priority to signals or radiograms relating to ships in distress; shall cease all sending on hearing a distress signal; and shall refrain from sending until all the signals and radiograms relating thereto are completed.

EXPIRED

5. The station shall use the minimum amount of energy necessary to carry out any communication desired, and the transformer input shall not exceed ~~one~~ <sup>one</sup> kilowatt,<sup>1</sup> or equivalent if vacuum tubes are used.

6. The station shall not use a transmitting wave length exceeding 200 meters.

7. The station shall not use a transmitter during the first 15 minutes of each hour, local standard time, whenever the Secretary of Commerce by notice in writing shall require it to observe a division of the time, pursuant to the Twelfth Regulation of the act of August 13, 1912.

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Name of naval or military station, if within 5 nautical miles, None

Type of transmitting apparatus: CW.

\*Power: Transformer input, 20 W.<sup>2</sup> Antenna: Type (T, T, etc.) Inverted L

Height, 35'; horizontal length, 67'

Wires: Number in vertical part, 1; in horizontal part, 1

The normal sending and receiving wave length shall be 176-200 meters and the station is

authorized to use the following additional wave lengths, not exceeding 200 meters: 176-200 meters.

This License expires on Nov. 19, 1925.

HERBERT HOOVER,  
Secretary of Commerce.

D. B. CARSON,  
Commissioner of Navigation.

Delivered by E. A. Beane  
(Supervisor of Radio)

Place CHICAGO, ILL. Date Nov. 20, 1923.

<sup>1</sup> Strike out "one" if the station be within 5 nautical miles of a naval or military station; otherwise strike out "one-half."

<sup>2</sup> Not to exceed 1,000; or if the station be within 5 nautical miles of a naval or military station, not to exceed 500.

\* If vacuum tubes are used, power should be actual watts in antenna circuit, as indicated by rating of tubes.



**CLALLAM COUNTY AMATEUR RADIO CLUB**  
**Minutes of the General Meeting August 8, 2007**

The meeting was called to order at 7:00 P. M. by club president, Chuck, N7BV.

The Pledge of Allegiance was given, and then introductions were made around the room.

Lew WB0NAI announced that his son is in a Military Vehicle Preservation Association, and that there will be a cross-country convoy (from east to west) on Highway 30, in 2009. He asked if any Hams would be interested in being involved in the convoy.

Chuck N7BV presented a Certificate of Appreciation to Nita KE7DRT for her work at Field Day.

It was announced that there is an opening on the Board of Directors, and nominations were asked for. It was moved and seconded that Bill W7WEC be nominated. Motion passed. Any other nominations were asked for. There being none, it was moved and seconded that nominations be closed. Motion passed. A vote was then called for, and Bill W7WEC was elected to the Board by a unanimous vote.

Tom KE7XX will become the new Chairman of the Board. Bob AC7RK is next in line.

The program for the evening was given by Larry Morris of Clallam County P.U.D. He spoke on the PUD's Outage Management System. It is a computerized system to identify where power outages are and how widespread they are. The system will help in assigning crews, etc. the system will also help prioritize repair assignments after storms, fires, etc.

He stressed that for those using home electrical generators that the generator output be isolated from the PUD lines for safety reasons. Putting power into the lines is potentially lethal.

During the break, a raffle was conducted. A collection was taken up for flowers for the XYL of Paul W6IAM, who recently had surgery. Also, Chuck passed around a book of photos taken at Field Day.

It was noted that there is a lot of "kerchunking" on the club's repeater, especially before nets, and repeater users are reminded that Ham's are required by law to identify themselves when transmitting.

It was moved and seconded that the minutes of the previous meeting be approved as published. Motion passed. It was pointed out that Dave McCoy, KE7JEJ, is the new Treasurer; he is now functioning, and is the keeper of the membership roster.

Announcements: The Northwest DX Convention will be held this weekend. Also, the Club Board meeting will be held tomorrow at 2 PM. (Chuck N7BV will welcome any suggestions for Ham of the Year.).

The raffle drawing was held. The kitty was \$19.00.

It was moved and seconded that the meeting be adjourned. Motion passed, meeting adjourned at 8:50 PM

Minutes by Rich N7NCN

**CLALLAM COUNTY AMATEUR RADIO CLUB  
BOARD OF DIRECTORS MEETING 9 AUGUST 2007**

Board members present: Tom Newcomb KE7XX, Bob Sampson K6MBY, Rich Golding N7NCN, Bill Carter W7WEC, Dave McCoy KE7JEJ.

Visitors: Steve DeBiddle N6DPP, and Shirley Newcomb KC7ZQA.

The meeting was called to order about 2 PM by Tom Newcomb.

Tom announced that the Club has \$5782.46 in the bank, and that there are eight Technician manuals, five General manuals, two Extra manuals, and one code set in stock.

Bob advised that Bill Johnston is the new repeater trustee. The Board voted its approval. It was noted that the FCC and ARES need to be notified of the change. Possession of the keys for the Striped Peak repeater site is being verified by DNR. The keys are being collected (by the club) and will be redistributed.

There was discussion of a selection process for Ham of The Year and/or Honorary Life Members. Suggested nominations will be requested from Club members (via QTC), and the Board will make any selections.

The Club now has a mountable tower, and Bruce Thompson W7DNA, will help find and set up a trailer to mount the tower upon. He has a prospect at present. It was moved and seconded that the expenditure of \$100.00 be authorized for the purchase of the trailer if it is in suitable condition. Motion passed.

Changing the key codes for repeater control was discussed. It was felt they should be changed.

Renewal of the Club's insurance was discussed. The old policy was to be renewed. Those present were not sure if that was done, so it was moved and seconded that it be paid immediately if not already done. Motion passed.

Dave McCoy will check out First Federal's new account offerings to see if the Club should change what it has. He will also see to the address on the checks being changed to the Club's mailing address. He will also look into a Safe Deposit box to keep important documents in.

There is need to be sure the Club-owned equipment is all accounted for, and where it is. It was not known by those present if there is an inventory.

It was moved and seconded that the meeting adjourn. Passed. Meeting was adjourned.

Minutes by Rich Golding N7NCN

**FOR SALE OR TRADE**

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Kenwood TH22-AT two-meter Handheld Transceiver with antenna, belt clip, hand strap, copy of manual, soft case, BT-9 battery case ( for 4AA), PB-32 battery case (which won't take a charge), BC-17 charger, and SMC-34 Speaker-Mike. Output 5 Watts max. Has 41 memories and other features too numerous to list. Some minor scratches on back of case.

Asking \$125. Contact Rich at 683-9309

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ICOM IC2100H 2MTR Transceiver in the box. \$75.00

Heathkit IP-2718 TRI-Power Supply (2, 0-20V @ 5Amps and 5V @ 1.5Amps) all adjustable, with manual \$20.00

73 WA6CUE Richard Edes 360-582-0932 or WA6CUE@msn.com

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**WANTED:**

One ten foot (10') tower section of Rohn-25G Contact Bruce Thompson, W7DNA @ 457-6134.

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**WANTED:**

I am looking for any antenna books. I have started playing around with wire antenna's and was hoping someone might have an extra antenna book lying around collecting dust. I just want to learn more.

Please contact Theron (KC7NPP) at (360) 928-0127, or catch me on striped peak. Theron

~~~~~

FOR SALE.. Kenwood station. 830 Radio set, Speaker, tuner, 220 scope with other mod, phone patch, VFO. extra tubes, in nice box. \$800. Burt, KN7R

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FOR SALE: Icom IC-745 HF Tranceiver \$325 Contact Chuck N7BV at 7bv@yahoo.com

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**FOR SALE:**

- IC-28h 2M Transceiver \$60
  - IC-751A HF Transceiver \$400
  - TR-7850 2M Tranceiver \$100
  - MFJ-986 3KW Tuner Dual Needle meter \$100
  - MFJ-422 Electron Keyer Paddle \$50
  - Model 70 Fluke Meter \$40
  - HD-1416A Heathkit Code OSC \$15
- Contact Erni, W7EWG 360-808-6668

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**FROM OUR TREASURER:**

As of August 31<sup>st</sup>, 2007, the balance in the CC-ARC Account at First Federal Savings & Loan of Port Angeles is \$5,768.95.

*David R. McCoy, KÆ7JÆJ  
CC-ARC Treasurer*

**COMING EVENTS**

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The Washington State Salmon Run  
September 15-16, 2007

The Washington State Salmon Run is the Washington State QSO Party and is sponsored by the Western Washington DX Club and is held the third weekend of September.

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**CLUB OFFICERS For 2006**

**President:** Chuck Jones N7BV

360-452-4672 n7bv@yahoo.com

**Vice President:** Bob Sampson K6MBY

360-582-9116 k6mby@olympen.com

**Secretary:** Rich Golding N7NCN

360-683-9309 n7ncn@myfam.com

**Treasurer:** Frank Doherty KJ7SK

360-681-0691 kj7sk@arrl.net

**Board Member:** Bill Carter W7WEC

360-681-4375 bcarte@olympen.com

**Board Chairman:** Tom Newcomb

360-452-8228 ke7xx@arrl.net

**Board Member:** Bob Kennedy AC7RK

360-457-6177 ark@tenforward.com

**YL LUNCHEON**

**September 14th  
Sergio's  
Port Angeles  
Time: 11:45 a.m.**

**2007 YL Luncheons:**

September: Sergio's  
October: Fortune Star  
November: Chestnut Cottage  
December: Petal's

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

| 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  | Chuck Jones N7BV<br>360-452-4672  |
| Clallam County Amateur Radio Club general meeting  | 7 pm, second Wed of every month | Port Angeles Fire Station<br>5 <sup>th</sup> & Laurel Streets, PA | Tom Newcomb KE7XX<br>360-452-8228 |
| Clallam County Amateur Radio Club social breakfast | 8 am, first Sat of every month  | Joshua's Restaurant<br>Hwy. 101 & Del Guzzi Dr.                   | Tom Newcomb KE7XX<br>360-452-8228 |
| Clallam County Amateur Radio Club YL social lunch  | 11:45 am 2d Fri of every month  | Rotates - announced on Thursday<br>night Net                      |                                   |

**BIRTHDAYS:**

- Cathy, XYL of Bob, K6MBY, Sep 11th
- Chuck, W5RFL, Sep 16th
- Shirley, KC7ZQA, Sep 17th
- Patty, XYL of Mike, KE7EZO, Sep 21st
- Rosalie, XYL of Wes, W7MAW, Sep 23rd
- Kline, W7CNN, Sep 24<sup>th</sup>
- Larry, KC7PLK, Sep 25th
- Shirley, XYL of Paul, W6IAM, Sep 26th
- Maureen, KH6MF Sep 29th

*Happy Birthday!*

**Call Sign Badges  
By WB8BVK**

Don't be a stranger at club meetings, hamfests or public service events. Wear a durable engraved name & call sign badge to let others know who you are. Available in 1" x 3" or 1-3/4" x 3" in assorted colors and finishes. Reasonable prices from a local source. Custom jobs up to 5" x 8" (custom front panels, door signs, desk plates, clipboards, etc.). See Paul, WB8BVK, at the CCARC meetings or email at pbenadum@earthlink.net.

Buy local!