



# CLALLAM COUNTY AMATEUR RADIO CLUB

# QTC

FEBRUARY 07

## N7BV Rambles:

It's February and we are going to talk a little bit about Field Day at the meeting. Please come with your ideas and suggestions. The Field Day Committee consisting of Chuck Stroehrer, Al Fisk, and Joe Damm will be the focal points for the operations side planning. As in the past Roger and Priss Steelman will be the focal point for food.

The Bylaw Review Committee has released their recommendations. Our thanks to the hardworking committee of Chuck N7HFL, Leah KE7EZZ, John K7NIA, Frank KJ7XE and Tom KE7XX. It is important everyone review the rewrite and forward comments and suggestions to ccarcqtq@yahoo.com. We will have the first reading and open discussion of the proposed Bylaw changes at the February meeting. This is an important process. Please print out the Bylaws that were sent to you and bring them with you to the meeting with your comments/suggestions.

March 31<sup>st</sup> is just around the corner. Get those dues paid up. Support your club. While some may say the 31 March cut off date is unfair, it is noted in the Bylaws, and it is unfair for those who have paid their dues to support others. What do you get for your annual \$20.00? A working repeater to use across the county; Field Day; a mid-summer potluck with our Canadian friends from Victoria; and our Christmas potluck party. All of these functions require a financial outlay by the club. While the club is in the black, we want to keep it that way and our only source of income is your dues. After all, it is your club. To be fair, those who take advantage of the benefits should contribute toward the support.

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Howard, AC7TZ sent me an Email regarding an article in MEDICAL NEWS & PERSPECTIVES magazine titled Ham Radio Gives Physicians Long Reach. It describes how doctors use Ham Radio to "help people with a variety of ailments from gunshot wounds and fractures to food poisoning and other unusual ailments". Most of these are maritimers who are some distant from adequate medical facilities, which have their own Net on the HF bands, the Maritime Mobile Net, where maritimers can check in for help, pass traffic and get Weather (WX) information.

There are other members of the Ham Radio community who also use ham radio to provide services to those in need, Doctors without Borders comes to mind. While Old Timers (OTs) are aware of these types of operations, many of the newer members of our fraternity may not be. Most of us have heard about amateur radio operators assisting in emergency situations like Hurricane Katrina, however there are many other facets of our hobby such as the ham station at the National Hurricane Center to the Hurricane Watch Net, the Waterway Net, Skywarn and the Salvation Army Team Emergency Radio Network (SATERN). All of these use ham radio to serve our communities.

There are many other nets, almost one for anything you can imagine. Checkout <http://www.ac6v.com/nets.htm> for information.

Thanks for the space.  
73, Chuck N7BV

### License Classes

I'd like to get a head count on the need for the following:

1. A License Examination for any class of license.
2. Soon the code requirement will be gone for General class grants. How many would like a General instruction class to upgrade?

The General class would be run three Saturdays like our Technician class.

Please respond to n7bv@yahoo.com  
Thanks, Chuck

### Welcome Technicians to HF Weekend!

To celebrate their arrival and welcome Technician class licensees to HF, Friday, February 23, 2007 through Sunday, February 25, 2007 has been designated as "Welcome Technicians to HF Weekend"! Of the 655,129 US Amateur Radio licensees, 323,443 (49%) are Technicians, so the number of potential HF operators will effectively double overnight!

Most Technicians will probably be eager to explore their new 10-meter phone privileges first. Since we are at the bottom of the cycle and sky wave contacts may be difficult on 10 meters, all hams are encouraged to monitor 28.365 throughout the weekend to contact and welcome as many Technician licensees as possible.

While Technicians can operate SSB anywhere between 28.300 and 28.500, setting a "meeting" frequency will increase the likelihood of successful contacts and a positive first impression of HF if the band isn't open. Of course, if the band is open, calling CQ anywhere in the sub band will likely yield positive results!

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### Coffee?

We are trying something new at the general meeting. After the business meeting, but before new business we will break for coffee (decaf) and socialize for 15 mins or so. Several of us will bring coffee in thermoses or carafes to share. It would be helpful if people brought their own mugs/cups to minimize clean up. When we return to the new business portion we will decide when we would like the social time period to be etc. (before, after or during the meeting).

### PROGRAM FOR 14 February

If there is time after our bylaws and field day discussion we will have an ARRL video "Last Voice From Kuwait"

### 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.

**As Time Blows By**

I have been trying to find a way to tell the ARES people how much your "company" has meant to me during the season's windstorms, especially the first one back after Thanksgiving, when I still felt like a real Ham newbie. Being at the end of Eden Valley Road, near Kelly Peak, in a lot of woods by myself is a somewhat scary situation, especially at night. I had left work early that day and went home when I'd heard from the Clallam Transit report on KONP that SR 112 was being shut down in pieces. I listened as the ARES Net was activated for weather reports until I went to bed after the 9 o'clock report. I was content that things were going to quiet down and the worst was over. A special thanks to all those folks with weather stations giving reports. Knowing a storm is leaving the area is a big relief! It was an incredible comfort just to know that I could get in touch with some 20, or so, people at any time, if I experienced some major damage out on my farm.

Since then, it seems that the timing for my hubby to be out of town always coincides with a major windstorm...but I build a nice fire in the woodstove, cozy up on the couch with my two little dogs, turn on my HT and listen.

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**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.

March: We will have Ed Bruette, N7NVP Washington State RACES officer and ARES Western Washington ARRL Section Manager.

All RACES members should have passed the FEMA/NIMS training IS-100, and IS-700. By the end of this year IS-200 and 800 are required. 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

**As Time Blows By...continued**

Listen to how others are faring, listen to repair progress, listen to the extra efforts (and antics) of those going down to the EOC (Chuck, Nita and Al), listen as danger blows by, praying the trees stay up, the buildings stay down, and the horses stay put!

Please know that I will do what I can, whenever it's needed for all of you, too. I believe in community and that Amateur Radio is one great way to tie communities together. That's why I joined CCARC and ARES.

Thanks to the entire area Ham community for being there, for all our sakes.

73.

Janet

WA7JEP

Guess What! It's dues time again. The By-laws call for dues to be paid in the first quarter of the year.

To support our club and our repeater we should stay current with our dues. See Frank Doherty at a meeting or mail a check for \$20.00, made out to CCARC, to: PO Box 2562 Sequim, WA 98382

VOC Frank Doherty ARRL ARES VE

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 the less we have to do, or think of.

Thanks, the staff!

## An Affordable PC oscilloscope

I know, I know! I promised not to write anything more for awhile but I just had to let you know about a terrific product I found on the web. Consider it a new year's resolution broken.

As you know, I build a lot of my own equipment but without a good oscilloscope to check waveforms it's like flying blind without a compass and trying to find parts for a smoked 60 year old *Tektronix* is like looking for fleas on an elephant. Browsing the web one day, I found a better solution - an affordable PC oscilloscope that, in many ways, outshines the *Tektronix* at a fraction of what it would cost to repair it! Check out [www.apogeekits.com](http://www.apogeekits.com) for a full description and price list.

If you're not familiar with the term PC oscilloscope, it's the latest rage in test equipment - a "black box" that turns your desktop PC into a full feature storage oscilloscope at a price that won't wreck your bank account. The one I got is a *Velleman PC-Lab 2000se* designed in Holland and built in Taiwan. Price? Less than \$140 delivered. It's a single channel 'scope. For a few bucks more you can get a two or even a four channel 'scope allowing you to compare simultaneous phase relationships between various signals. These scopes come either pre-assembled or in kit form. I was in a hurry so I bought the pre-assembled version. This may have been a mistake as no schematic or service information were supplied.

### Now for the good, the bad and the ugly.

The *PC-Lab 2000se* is powered by an external 9V DC, 500 mW power module. There's no on/off switch so you have to plug the module into a wall outlet to turn the unit on. This is more an inconvenience than a fault, but it seems to me that for a few pennies more a switch could have been provided. At least a little red light tells you the unit is plugged in and running.

Loading the software from the supplied CD reveals a picture that resembles a standard oscil-

loscope screen and its more important controls, which are operated by your computer's mouse. Sensitivity is essentially flat from DC to 12 MHz. I checked the calibration against a 10 MHz output from my *Elecraft K2* and, sure enough, I got 10 complete cycles across the screen with the display set for .1 microsecond per cM. In this respect, the *Velleman* is a distinct improvement over my old *Tektronix 503* which was limited to 450 kc. To read RF on the *Tektronix*, I'd have to bypass the internal amplifiers and drive the vertical deflection plates directly - not a comfortable prospect, as the "gun" end of the 'scope CRT operates at - 3000 V potential.

For awhile, I was confused by the vertical deflection readings I was getting until I checked calibration with a known DC power source. It turns out the relationship between the indicated and actual operation of the "buttons" on the screen was totally out of whack. This has not yet been resolved. A lengthy e-mail correspondence with a *Velleman* "technical representative" has proved frustrating and unproductive. The person at the other end of the line, whose first language is obviously not English, can't seem to understand what I'm talking about. She seems to think I'm completely out of my mind and don't know how to read numbers. She may be correct on the first count but I certainly know the difference between 1.0V/cM and 0.1V/cM! I "solved" the problem by drawing a picture of the vertical deflection pushbuttons with the correct labels and pasting it on the front of my PC. I guess my complaint is that if you're looking for technical support from *Velleman* forget it. You're on your own.

There is no provision for a horizontal input so you can't create Lissajous figures. This is more than an inconvenience. At times, it's the only way to get an accurate zero-beat between two signals. The *Velleman* does come with a terrific bonus, however. With a click of the mouse it morphs itself into a full-fledged spectrum analyzer. I haven't had occasion to use this feature yet, except to check that it works.

Continued next page....

## An Affordable PC oscilloscope.. (continued from page 4)

It will be useful, however, when I install the SSB board in my K2 and need to check it for spurious output.

My final complaint is with the supplied X10 probe. It has a tendency to come apart while in use. I haven't found a way to defeat this problem. The way the thing is constructed it can't be made to stay together and still use the spring-loaded clip-on connection. Oh well, if I can find my old *Tektronix* probe, maybe it will work with the *Velleman*.

These faults are minor compared to the luxury of owning a workable RF storage oscilloscope. If you're an experimenter or kit builder, I highly recommend you investigate one of the many PC oscilloscopes available. The *Velleman* is not a top of the line model but it is relatively inexpensive and it's a good starting point from which to explore the field.

Paul Honore' W6IAM

## Meeting Minutes of CCARC January 10, 2007 (Amended 1-11 per C. Jones request)

(There was a snow storm for 3-4 hours immediately prior to the meeting.)

Meeting called to order at 1900 hours by Chuck Jones, President.

- Chuck suggested that in future, there shall be a Pledge of Allegiance to the flag at the start of the meeting. Those in attendance agreed. There being no flag in view, that was not done tonight. Need to arrange for a flag to be available.
- There was a self introduction of those in attendance, numbering 8.

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- Chuck presented a run-down of the new Committee chair persons:
  - Activities – Leah Benadum
  - Public Relations – Tom Newcomb
  - Public Service – Nita Lyman
 (Note: Public Service may be deleted per new By-laws.)
- Publications (Newsletter) Currently Chuck Jones, Bob Sampson, Nita Lyman. A new staff is needed.
- Membership – John Moore, Chair; Frank Doherty; Paul Benadum; Nita Lyman
- Technical – Casey Hicks identified as Honorary Chairman, Steve DeBiddle is the Functional Chairman. Bob Sampson, Chuck Metz. (Note: new By-laws may show Trustee as being director of Technical Committee.)
- Health & Welfare (Sunshine committee) – Nita Lyman
- Use of the Tenforward website may become an issue. After the website was sold by Sheldon Koehler N7XEI use of the website had been gratis. That may change in April and Sheldon is attempting to arrange for a continuation of the gratis use.
- Casey Hicks has asked if there are suggestions for any changes to the repeater controller, or other features to be added. No response.
  - There was discussion on there being refreshments available at meetings. It was pointed out that coffee and doughnuts, etc. could be made available using a donation arrangement which would likely pay for itself.
 A team would be needed to assure that everything worked out OK, and that we never leave a mess for the Fire Department. (The Fire Department has specified regulations for the use of their facility with their new permission to use it for 2007.) The equipment and supplies would be kept in a tub, probably in the radio room, for our private use. Apparently some individuals did not think this would work, but Steve DeBiddle W6MPD has done it before with success.

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**Meeting Minutes Continued...**

It was pointed out that the QTC should identify what each month's upcoming program was, and mention that refreshments will be available, to encourage attendance.

- John Moore explained his interest in preparing a New Member's kit and what it could contain. Chuck McGilvra offered to put the entire set of QTC issues on CD to be included. It was also mentioned that Paul Benadum, who makes ID tags, etc. could make new tags for each member, to be included. He would be paid for this of course, from the Treasury, but any of the members could also purchase these independently to make it possible for everyone to have similar badges, if desired. The latest edition of the Directory would also be included, along with a welcoming letter and information on Nets, Field Day, and the Christmas party.
- There was a brief discussion on the picnic each year with the Canadians, which will be continued.
- There was discussion on Field Day and Chuck Stroehrer, Al Fisk and Joe Damm will work on the equipment and set up issues. Leah Benadum has been instrumental in arranging some of the other activities, as has Nita Lyman, who got a special mention from Ed Bruette N7NVP (WWA Section Manager) last year for the tent set up, as being the best one in District 2.
- There was discussion on Swap Meets and their benefits, but it was pointed out that this might benefit ARES more, as they have no income source, whereas CCARC does. It was mentioned that we might try one here, but that it was too late already to try and start one for this year. A committee would need to be established to pursue that. No conclusion. It was pointed out that Board meeting minutes should be read at each business meeting. Agreed.
  - There needs to be a YL Lunch chairperson. No conclusion
  - Nita pointed out she has Russ Fish's donation of QST magazines. There either needs to be someone who would act as Librarian for this to make the magazines available for checkout, or determine a way to distribute these to prospective hams.

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**Meeting Minutes Continued**

- There was a lively discussion on the possibility of conducting a "50/50" raffle at meetings. 50% would go to the evening's winner, and the other 50% would be held in the bank account to go toward a nice gift certificate(s) from HRO, for award at the Christmas Party. It was moved, seconded, and approved that we do this, starting next month, ad infinitum. The tickets would be \$1, with 6 for \$5. W7DNA (Bruce Thompson) would be the likely candidate to manage this.
- Nita pointed out that we should purchase a new laminator for Frank (primarily) to use to seal the new membership badges. No motion was put on the floor to do this although it appeared to be popular.
- It was motioned, seconded, and approved that we purchase a copy of Roberts Rules of Order to be on hand at meetings, and followed.
- There was discussion on donating funds to the Canadians to assist in their replacement of their radio tower recently lost in a windstorm. This is to be referred to the Board for a decision with respect to their approval and the amount.
- It was pointed out that there is a problem with everyone getting the QTC electronically. There is to be a verification of the QTC Yahoo e-mail database to assure everyone is listed and it is working. It was pointed out that hard copies of the QTC should be made available at meetings.
- Chuck is looking for more ideas for programs.
- There was discussion on forming a committee to deal with issues arising with SK's. This could be an action for Health and Welfare, but would take a cooperative Club effort to assist the survivor, even to the point of assuring that the Club is doing the "right thing" with inclusion in events to the extent desired for something like YL Lunches or occasional greeting cards.

Meeting adjourned at 2025.

John Moore, for Rich Golding

**Subject: 50 Dollars**

MORRIS AND HIS WIFE, ESTHER WENT TO THE STATE FAIR EVERY YEAR. EVERY YEAR, MORRIS WOULD SAY, ESTHER, I'D LIKE TO RIDE IN THAT HELICOPTER." ESTHER ALWAYS REPLIED, " I KNOW MORRIS, BUT THAT HELICOPTER RIDE IS 50 DOLLARS AND 50 DOLLARS IS 50 DOLLARS." A FEW YEARS LATER, ESTHER AND MORRIS WENT TO THE FAIR. MORRIS SAID, "ESTHER, I'M 85 YEARS OLD. IF I DON'T RIDE THAT HELICOPTER NOW, I MIGHT NEVER GET ANOTHER CHANCE." ESTHER REPLIED, "MORRIS, THAT HELICOPTER IS 50 DOLLARS AND 50 DOLLARS IS 50 DOLLARS." THE PILOT OVERHEARD THE COUPLE. HE SAID, "FOLKS, I'LL MAKE YOU A DEAL. I'LL TAKE THE BOTH OF YOU FOR A RIDE. IF YOU CAN STAY QUIET FOR THE ENTIRE RIDE AND NOT SAY A WORD, I WON'T CHARGE YOU! BUT IF YOU SAY ONE WORD, IT'S 50 DOLLARS." MORRIS AND ESTHER AGREED --- AND UP THEY WENT. THE PILOT DID ALL KINDS OF FANCY MANEUVERS. BUT NOT A WORD WAS HEARD. HE DID HIS DAREDEVIL TRICKS OVER AND OVER AGAIN, BUT STILL NOT A WORD WHEN THEY LANDED, THE PILOT TURNED TO MORRIS. HE SAID, "BY GOLLY, I DID EVERYTHING I COULD TO GET YOU TO YELL OUT, BUT YOU DIDN'T. I'M IMPRESSED!" MORRIS REPLIED, "WELL, I WAS GOING TO SAY SOMETHING WHEN ESTHER FELL OUT, BUT 50 DOLLARS IS 50 DOLLARS."

VOC Frank Doherty ARRL ARES VE

**XM RADIO**

Do any of our club members have XM Radio in their vehicles? I ham friend of mine in Arizona is looking for some information on satellite drop out while traveling in heavy wooded areas. For some background, my friend developed the XM radio antennas for GM and is now seeking a better design. He may want to provide a portable antenna for comparison testing in drop out areas. Email me at K6MBY@olyphen.com. Thanks... Bob

**Puyallup Flea Market**

The 26th annual Mike and Key ARC Electronics Show and Flea Market  
March 10th at 9AM Pavilion Exhibition  
Hall W WA Fairgrounds, Puyallup, WA

VOC Frank Doherty ARRL ARES VE

**Visalia International DX Convention 2007**

The 2007 International DX Convention will take place April 27, 28 & 29, 2007 at the Holiday Inn Hotel & Conference Center in Visalia, California. This is an ARRL sanctioned convention that is sponsored this year by the Northern California DX Club. It is expected to draw visitors from around the World and will feature programs from recent DX-Peditions and contest operations.

The Convention theme this year is, "Elmering New DXers is Job Number One!" Accordingly, a portion of the programming will be devoted to helping new DXers learn about how to be noticed in a pile-up, snag a "new one" and get that elusive QSL card.

Other Convention offerings will include: DX, Top Band and Contest Forums, technical talks, many door prizes, both Friday and Saturday evening "attitude adjustments", Saturday Barbecue Lunch, Saturday night banquet, Sunday morning "power" breakfast, Vendors Exhibits and QSL card checking.

Current information and registration forms are available on the Convention web page, which can be found at [www.dxconvention.org](http://www.dxconvention.org). Additional registration information can be obtained by contacting Convention Registration Chairman, Dick Letrich, W6KM via Email at [dlw6km@aol.com](mailto:dlw6km@aol.com).

If you're interested in DX or DXing, the Visalia International DX Convention is *the* place to be. We hope to see you there.

**Net Checkin HONOR ROLL:**

Note: Starting next month only the 100% folks will be posted.

Chuck N7BV 100%

Paul WB8BVK

Troy KE7CIA

Marsha KA7CSZ 100%

Nita KE7DRT 100% (excused 2x)

Bruce W7DNA

Carl KG6EI 100%

Steve KE6ENQ

Leah KE6EZZ

Roger W7GRS

Chuck N6HFL 100%

Paul W6IAM 100%

Mary AC7IY 100%

Janet WA7JEP 100%

Elizabeth K7KEA

Jim WA7LDM 100%

John WA7LIK

Donald KC7LTW 100%

Don W5MTW

Neil WA7NBF

Rich N7NCN

John K7NIA 100%

Theron KC7NPP

Pris W7PRS

Bob K7PVZ

Burt KN7R 100%

Roger K7RGR

Frank KJ7SK 100%

Jerry K3SWH

Al KD7TFK 100%

Howard AC7TZ

Ray K7VQF 100%

Tom KE7XX

Al W7YLV

Dick KE7Z

Bob KI7ZC

Shirley KC7ZQA

Please let us know if there are extenuating circumstances that made it impossible for you to check in, in January, so you can continue on your goal of 100% for the year. If you have to be gone, let us know in advance.

John Moore, K7NIA for Nita KE7DRT

**How the Honor Roll now works...**

Those of you who are regular checkins to the Thursday night Net will be happy to learn that there are rewards on the horizon. You may have noticed the last couple of months that those attaining 100% checkins for the month have had that noted next to their names, in the QTC Honor Roll. We have been tracking this for some time, and have now decided that something like a **PIZZA FEED** after the end of the year for those attaining 100% for the year would be in order. Also, we will send a thank you note quarterly to let you know you're "doin' good!" We needed to start in January, but we're friendly about this, and we'll fix you up, since we're notifying you a little late. OK? We understand everyone likes to take a vacation, or may need to be gone for other reasons. We don't want that to cause you to miss your 100% goal, so we ask that you notify us **IN ADVANCE** when you are going to be gone, and we'll mark you as excused in that big tabulation. Not fair to the rest for missing a couple and then later telling us you had to be gone. Please tell us first. Good luck!

John Moore K7NIA, for Nita Lyman  
KE7DRT

**New Members**

New Member Welcome! CCARC welcomes our new member Theron Gallauher KC7NPP and his fiancée Becky, KE7KWG. Becky just passed her Technician during the Feb 3 class. They reside in Joyce. Glad to have you aboard.

John Moore K7NIA Membership Chairperson



**FOR SALE OR TRADE**



**Home Shop Tools  
for Sale**



**Ryobi 9 inch Band Saw**

**Jig Saw,**

**1 3/4 hp Router**

**Router table and bits**

**Craftsman wood lathe and tools**

**\$350**

**Ph 681-3534**

**Roger**

**Nikon D50 System**



**Nikon D50 camera body**

**Soft Camera Case**

**AFNikor Lens 18-55mm 1.35-5.6 lens**

**AF Sigma 28-80 mm lens 1.35-5.6 lens with UV filters**

**AF Sigma 70-300mm 1.4-5.6 Lens, sun shield filter kit**

**1 GB CF (memory) card**

**Spare lithium Battery**

**Battery Charging system**

**D-50 Owner's manual**

**New Wireless Remote**

**Elite Video Training DVD set**

**Magic Lantern Guides Nikon D50**

**book by Simon Stafford**

**Phone 681-3534**

**\$799.00**

**CLALLAM COUNTY AMATEUR  
RADIO CLUB REPORTS**

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**FROM OUR TREASURER:**

The current bank balance is \$6239.67

VOC Frank Doherty ARRL VE

**Get Your License Here!**

Our clubs Technician class produced 15 new technicians on 3 February. In addition 7 people passed their General class test and 1 passed her Extra class.

We are looking into planning an examination on or after February 24th when the new no Morse code takes effect.

Our thanks to the instructors and the VE examiners for their time and dedication to helping produce these and many other new hams in our area.

**Chuck Jones N7BV**

**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:** Roger Steelman W7GRS 360-681-3534

w7grs@olympen.com

**Board Member:** Tom Newcomb 360-452-8228

ke7xx@arrl.net

**Board Member:** Bob Kennedy AC7RK 360-457-6177

ark@tenforward.com

**YL LUNCHEON**

March 9th  
Gordy's Pizza, PA  
Time: 11:45 a.m.

**2007 YL Luncheons:**

February: Old Mill Cafe  
March: Gordy's Pizza & Pasta  
April: Oak Table  
May: Downrigger  
June: Danny's  
July: Café Garden  
August: Tarcisio's  
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, 223 E. 4 <sup>th</sup> St., PA	Chuck Jones N7BV 360-452-4672
Clallam County Amateur Radio Club general meeting	7 pm, second Wed of every month	Port Angeles Fire Station 5 <sup>th</sup> & Laurel Streets, PA	Tom Newcomb KE7XX 360-452-8228
Clallam County Amateur Radio Club social breakfast	8 am, first Sat of every month	Joshua's Restaurant Hwy. 101 & Del Guzzi Dr.	Tom Newcomb KE7XX 360-452-8228
Clallam County Amateur Radio Club YL social lunch	11:45 am 2d Fri of every month	Rotates - announced on Thursday night Net	

**BIRTHDAYS:**

Don Dillard K5MTW Feb 6  
Brit Steele KB7ZWY Feb 12  
Mary Tate AC7IY Feb 20  
Edward Phillips KD7PIW Feb 20  
Jerry Cain KE7BVZ Feb 25  
Lou Ladwig WB0NAI Feb 26  
Thomas Spink W0TS Feb 28

**Happy Birthday!**

**Welcome Technicians to HF Weekend!**  
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This is a great opportunity to encourage new hams and do a bit of Elmering. Spread the word to the hams in your area, help the Technician licensees in you club to build 10-meter antennas, get on the air and have fun!

Article forwarded by Russ K7INA