CLALLAM COUNTY AMATEUR RADIO CLUB

QTC

JANUARY 07

As I began this, I was hearing and reading a lot about the coming Sunspot Cycle and how big it will be. Some scientists have said it will rival cycle 19 from the early 1950's, others are saying not that big, but as big as cycle 21, the one just finishing (2d or 3d largest in modern history). http://www.ucar.edu/news/releases/2006/sunspot.shtml

Santa (FCC) and other powers to be have brought quite a Christmas present to all those hams that were struggling with advancing because of the Morse Code. As the ARRL writes "The rule changes will grant limited HF operating privileges to Technician licensees on 80, 40, 15, and 10 meters. This is also a great opportunity to encourage Technician licensees to upgrade. Once the new rules take effect, Technicians can upgrade to General by passing the Element 3 written exam and to Amateur Extra by also passing the Element 4 written exam." No Morse code test will be required for any class of license now.

So what does this have to do with Sunspot Cycles? It means get your butt in gear and upgrade, as you will then have access to HF SSB (and CW if you learn it) in the coming years as the sunspots increase. This will allow you to talk to the world on lower power HF as the Sunspots increase.

I remember hearing guys talk of worldwide openings almost around the clock during cycle 19. (Take Tom Newcomb aside and ask him) Get up in the morning and talk to England – before going to bed at night, call them back and say good morning to them! I was a kid with a paper-route in my New Jersey home town, during cycle 19, just getting into electronics and ham radio, I had a delivery at a hams house who was quite an experimenter in those days of the late fifties – he had a 6m rig in his car with a Halo antenna and was besides himself one day having worked South Africa from his car, 50-watts, AM.

It is hard to convey to you the magic of this, but I would like to quote Bill Husted a syndicated columnist, you can read the full article at http://www.marydonovan.com/tecbud/oldcols/tecbud0613.htm. He says:

"What appeals to these folks? What keeps me interested in a technology that fills a room with squawks, hisses, static and the occasional burst of high-speed Morse code? "Anyone who has enjoyed a day fishing would understand part of the attraction. Unlike sending an e-mail, there's a huge element of chance when you operate on the ham radio bands. Radio conditions change from day to day. On any given day you may end up talking about the virtues of the euro with a fellow in Ireland, or the best way to make cornbread with a guy in Kentucky. You never know who you'll talk to, who you'll bump into.

Unlike e-mail or instant messages, there's an automatic connection you feel with any stranger you meet on the ham bands. You start the conversation with something in common, such as a license and an interest in the technology of radio. But it goes beyond that. There's also an unofficial fraternity of people who choose a hobby that isn't trendy, isn't very practical. We are dreamers in a sense, who like having our own private connection to the world."

I hope those who can will proceed with upgrading, to those who are advanced already to encourage them, and most importantly to get others involved in ham radio. One of the main reasons for dropping the code requirement is to get a growth spurt in the ham population. This has been done in the past with good results.

73, Chuck N7BV

Net Control Operators

With a New Year to look forward to in our Ham adventures, a new President, N7BV, Chuck Jones, and new Vice President, K6MBY, Bob Sampson, have taken the reins on January 1st, 2007. Congratulations to you both, Chuck and Bob, and we know you'll be great leaders to whom we'll all stand behind.

So to the out going president, K7INA, Russ Fish, and vice president, K7RGR, Roger Uhden, we thank them both for all of the hard work they've contributed to the club, and hope that they can now sit back and relax a little, as they certainly deserve it. It's not easy being in charge, but they both have done a great job at bringing the Clallam County Amateur Radio Club back together when it was at it's lowest. Thank you Russ and Roger for all the work you did.

K7RGR was Net Control operator for....how many years?? Several, as most of you know. And now he's handed it over to me? How did that happen? Well, it's a done deal, and Roger, hearing you on the air weekly has been a real joy. Thank you sir for your dedicated service, and also for agreeing to step in occasionally when needed. Just listening to you has taught me much...the main thing being, we all have our own personality, and yours has certainly brought many smiles...Thank you!!

So...We are looking for a few good hams to help out on the weekly net. K7NIA, John Moore, and myself, KE7DRT, are who you're stuck with every week unless you want to give it a try. We furnish the Protocol (script) and current Checkin list, and you do the rest. It's fun, easy, and believe me, I've made mistakes but I just carry on, hoping you're laughing WITH me!!

It's not perfection we're after. It's a fun Thursday night net but we need others to help us. You've all heard how it's done, so how about trying it for yourself? It's a great way to put call signs with names, learn who's who, and get experience on the air. If you'd like to be part of this fun activity, and we can get 6 or more Hams to step up, we'll make a schedule, and you'll have a designated night to be Net Control. If I can do it, anyone can. I can truly say it is fun, and I have made some wonderful friends and learned much, all from being involved and stepping up when needed. So, are you ready to join in and be a Net Control Operator? If so, contact me at nita_lyman@yahoo.com, or John at K7nia@hotmail.com, and we'll give you the information to help you make doing Net Control a fun and pleasurable experience.

Hope to hear from you soon!! See you on the air.
73 to all, and HAPPY NEW YEAR

KE7DRT & K7NIA

Coffee?

At this months general meeting we will try something new. 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 10 January

General discussion of committees. Introduction of committee chairpersons.

Discussion of survey questionnaire, and any other general topic and pertinent to the club.

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.

Needed YL Luncheon Coordinator

First of all - A thousand thank you's go out to Bernice Metz, KC7GVK for planning and organizing the YL luncheons the past several years! It was greatly appreciated by those who regularly attended the monthly YL get-togethers, which are always great fun and a way to keep up with friends.

Bernice has stepped down from this "position" so we are looking for someone to take over. My YL, Karen, has set up a schedule, which you'll find on the back page of this month's QTC. Reservations have been made for the January luncheon but we really need someone who can take the reins and track things.

What that means basically is to make sure reservations are made each month. It's just one phone call each month. Nothing time consuming or difficult about it - just a very important task. Once we have this point person it would be helpful for the YLs who want to join in the fun to RSVP each month in order to have a somewhat accurate count for the reservations.

So, who would like to try to fill Bernice's shoes???

Thanks, Chuck

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.

January and February meetings are being used to re-register members under a new ID system with the County Emergency Management office.

All RACES members will be required to pass the FEMA/NIMS training IS-100 and IS-700. 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

A ham operator is operating Field Day alone at a deserted beach. He is taking a little break from the action, walking around on the beach and notices an antique brass bottle mostly buried in the sand. He digs it out and discovers it's a genie bottle! He manages to get it open and a genie appears. "Thank you for freeing me, O Master!" said the grateful genie. "I will grant you any one wish you want." The ham thinks about it and says, "OK, I got it. I live right now in a restrictive neighborhood. I would like to have a 500 foot tower with all sorts of antennas, despite the homeowners association." The genie looks worried. "O Master! That's a big order. The power of these HOAs and their CC&Rs is most powerful! In fact, they are more powerful than even I, O Master! I would beg you to please choose something else for your wish." The ham says, "OK, let's do this." He goes over to his ham station and pulls out his log books. "See this entry? This is a contact I once made with AC6V. I would sure like to get his QSL card after all this time." The genie looks at the logbook. Then he says, "Now regarding that 500 foot antenna tower, do you want it galvanized or stainless steel?"

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.

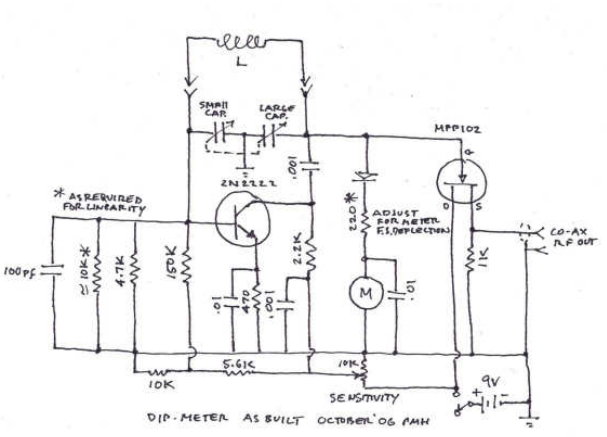
Thanks, the staff!

A home-brew dip meter for 160 through 6 meters

When I decided to get back into Ham radio after many years away, I found my arsenal of test instruments sadly lacking. My trusty *Heathkit* grid dip meter had been relegated to the scrap heap and needed to be replaced. If you're not familiar with the term "grid dip meter", don't despair. It harks back to the a time when "grids" in vacuum tubes rather than "bases" in transistors were used as valves to control the flow of electrons in electrical circuits. These days, they're called, simply, dip meters. They're useful gadgets, used primarily to check the resonant frequency of a tuned circuit - indispensable if you build your own transmitters and receivers.

In its simplest form the dip meter is a variable frequency oscillator with a rectifier and meter at its output. When it is held near a resonant circuit, some of the rf energy from the oscillator is absorbed by the circuit and the meter indication "dips". A calibrated tuning dial gives an indication of the resonant frequency. A check of the internet didn't turn up any kits and commercial instruments are a bit pricey for my budget so I opted to build one from scratch. I found a simple dip meter circuit by WB0AH and modified it to my needs. To my surprise, my junk box had everything I needed except an aluminum box to house the parts and that was easily obtained from a local *Radio Shack*.

The oscillator is a Colpitts circuit using a 2N2222 NPN transistor. Any transistor would probably work as long



as it had sufficient frequency response. There's nothing critical about the choice of components. The asymmetrical tuning capacitor was lifted from a dead FM receiver. I haven't the foggiest idea what the capacitance range is but if you choose to duplicate this circuit, be sure the smaller tuning capacitor is connected to the base of the transistor. It won't work the other way round.

I tried it. I dug around the junk box for a socket and matching plugs to make plug-in tuning coils and settled on 8-pin plugs - the kind that match the pins at the base of octal vacuum tubes. It turns out these are a good fit to 1 inch diameter pill bottles used as coil forms. Start with about 60 turns of #26AWG enameled wire to cover the 160 meter band. Its best to wind the coils with a few extra turns and trim them down a turn at a time to tune the desired band. When you have the coil adjusted to your satisfaction, epoxy the coil form to the socket and dab a little epoxy on the windings to hold them in place. Do the same for each band you want to cover. I ended up with the following coils:

1.6-4.0 MHz	55T	#26AWG
3.9-9.4 MHz	21T	#20AWG
8.3-20 MHz	8T	#20AWG
18-42 MHz	2T	#20AWG close wound
25-61 MHz	2T	#20AWG spaced ¼ " between turns

Any sensitive meter will do. I used a VU meter from an audio amplifier. The rectifier diode was the first one I came to, no markings - "generic under-dash" I suppose.

The sensitivity control affects the oscillator gain so there's maximum output near the middle of the tuning range but linearity is not particularly an issue. I still find a satisfying "dip" at the resonant frequency of whatever circuit It's coupled to. With any dip meter, you have to be careful not to over-couple the meter to the circuit you're testing. Too much load pulls the oscillator off frequency. The looser the coupling the more accurate the reading.

To calibrate the dial, you can hold the dip meter near a radio and tune for a zero-beat. I wanted a more accurate calibration so I provided an output for a frequency counter (*Almost All Digital Electronics* model DFD4). A *Radio Shack* MFP102 field effect transistor provides a high impedance buffer to isolate the counter from the oscillator and, as a bonus, the rf output can be directly injected into a circuit for testing, a feature not usually found in commercial dip meters. It works! Total cost, $2.45 for a pre-formed aluminum box. Everything else came from salvage.

Paul Honore' W6IAM

146.84 REPEATER SYSTEM IS OFF THE AIR

The wind storm of December 15, 2006 left the Radio Amateurs of the Strait of Juan de Fuca with a great silence on 146.84 MHz. The West Coast Amateur Radio Club repeater VE7VIC, located just west of Victoria at 1,500 ft elevation, is the king-pin of the linked system of repeaters from North Point to Salt Spring Island, covering 146.84, 146.66, 224.140 and 444.875.

As reported to WARA Members by Al

VE7BEU, the wind folded the 88 foot tower, requiring it to be cut down at the base to protect other towers at the site. Since replacing the original 88 foot tower will require up to a year, the current plan is to use some temporary antennas on makeshift poles or mounts to get back on the air. A new tower will be rush ordered and installed on the existing base. The new tower would be self-supporting and very strong at 48 feet with minimal antennas.

I am sure we all feel the loss to our friends across the Straits. Many of us on this side also use the system. I am also certain the 146.84 will be back on the air soon.

Bob Stearns, KI7ZC
(a WARA member too)

Members and all:

I have had some very interesting phone calls from a lot of members, ex-members and non-members. They have been offering the use of their repeater systems and/or antennas, and to help physically with the rebuild.

Thank you to all of you.

Our short term goal is to put up some low level temporary antennas for VE7VIC and VE7RSR (new horizons repeater on 145.41) There will be a need to clear up the wreckage and take the metal away for recycling.

Longer term goal:

To establish a fund for the tower replacement and ask for pledges from our business partners and whomever else we can think of. Re-construct a very heavy duty, self supporting, no guy wires tower. It will have to be engineered with no guy wires because the landlord wants it that way to protect their guy wires. I will be asking people to help with the fund raising and getting some ideas together. This has to be done over the next three weeks. I don't expect the repeater back on the air before Jan 15th or so.

73 and Seasons Greetings

Al VE7BEU

Donations for tower reconstruction can be sent to WARA:

Westcoast Amateur Radio Association
PO BOX 48047
Victoria BC V8Z 7H5

If you use the WARA repeaters, please consider donating. As you can see they face a major reconstruction project.

The rewrite of the CCARC By-Laws is coming along just fine, and the full committee will be having its first meeting on Friday, January 5th

The committee members are, Chuck McGilvra N7HFL, Tom Newcomb KE7XX, Frank Doherty KJ7SK, John Moore K7NIA and Leah Benadum. KE7EZS.

Chuck M N7HFL

For sentimental old fools, check out http://www.novice.bappy.com for a short walk down memory lane.

After having dug to a depth of 1000 meters last year, Scottish scientists found traces of copper wire dating back 1000 years and came to the conclusion that their ancestors already had a telephone network more than 1000 years ago.

Not to be outdone by the Scots, in the weeks that followed, English scientists dug to a depth of 2000 meters and shortly after headlines in the UK newspapers read; 'English archaeologists have found traces of 2000 year old fibre-optic cable and have concluded that their ancestors already had an advanced high-tech digital communications network a thousand years earlier than the Scots'.

One week later, Irish newspapers reported the following: 'After digging as deep as 5000 meters in a County Mayo bog, Irish scientists have found absolutely nothing. They have therefore concluded that 5000 years ago Ireland's inhabitants were already using wireless technology'.

VOC Frank Doherty ARRL ARES VE

FOR SALE OR TRADE

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The following equipment is for sale from the estate of Stu Williamson KC7GVG. The proceeds will go to Clallam County ARES. Contact Rich Golding N7NCN at 683-9309 if you are interested.

YAESU FT-817... Portable QRP multi-mode transceiver. Covers 160m through 6m plus 2m and 440 MHz. Comes with YHA-63 antenna, MH131(A8J) microphone, manual, carrying strap, circuit diagram, extra mic hanger, laminated menu card. Also, comes with charger NC-72B to charge its FNB-72 battery pack, and has a power supply cable E-DC-6. The battery pack is not healthy, but rig can be run from a power supply (not included). There is also a modified battery holder for eight AA batteries. Rig is in very good condition. With original box. Asking $450.

YAESU VX-7R...Handheld transceiver (50/144/220/430 MHz) with FNB-80LI (L-ion) battery pack, NC-72B battery charger, manual, belt clip, hand strap. Looks like new. With original box. Asking $225.

Another YAESU VX-7R, same as above EXCEPT a portion of the finish on the back side came off with removal of a sticker (about 5/8" x 1 1/4"), and an extra battery case (FBA-23) for AA batteries is included. Asking
$225.

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Dual-band (2m,440) J-pole antennas for sale for $15. See: http://www.arrowantennas.com/j-pole.html These antennas are made by Burt, KN7R on a special deal where the $15.00 goes to the ARES/RACES bank account. You will need to purchase a U-bolt, sized for your mast and drill the needed holes. Chuck Jones 452-4672

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Your Ad Could Go Here

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Backup Power

A couple of you have asked about "emergency power". This will present some simple ways to setup emergency battery power for your handheld or base-station rig. Please note in some cases you will have to cut and past, or typed in the websites when entering them in browser.

The basics:

1. A sealed battery, the larger the better. Example: http://www.allelectronics.com/cgi-bin/item/GC-1271/160400/12V_7AH_SEALED_LEAD-ACID_BATTERY,_W__WIRE_LEADS_.html Buy two and parallel them for 14 amps or go to Wal-Mart, Les Schwab and buy a sealed battery – the bigger amperage the better. Just remember you will have to move it and they are not light.

2. Wire. Example: http://www.allelectronics.com/cgi-bin/item/WRB-10/search/10_AWG_%22#34;AUTO_ZIP"#34;_WIRE_.html

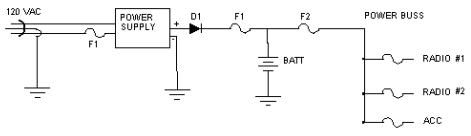
3. Cigarette lighter sockets. Example: http://www.allelectronics.com/cgi-bin/item/CLP-Y/search/CIGARETTE_LIGHTER_%22#34;Y"#34;_.html also available at Wal-Mart.

4. Trickle Charger: Example: http://www.amazon.com/1-5-Amp-Automatic-Trickle-Charger/dp/B00063V5K0 (a little high in price) NAPA sells one (85-300a) which should do at $29.00. Or http://search.harborfreight.com/cpisearch/web/search.do?keyword=trickle I use the third one down in my garage which is a little noisy or the 7th one down looks like the NAPA or Amazon one.

So we now have to put things together:

Battery charger to battery. Connected by alligator clamps (Wal-Mart) or by bolts. Whatever terminals are on your battery or wire clips will determine how you connect the battery charger to your battery. Don't forget that diode!

FIGURE 2



Battery to cigarette socket. Sometimes fuses are built into the DC-wires from the rig and some of the cigarette plug cables from the ham radio manufactures the plug are fused.

There we have it, simple but effective. Granted I am not a rag-chewer, but during a 36 hour power outage I was able to make all the necessary transmissions I needed on my mobile base station on medium power.

Here is a thread on Eham which may give you other ideas: http://www.eham.net/articles/13349 or http://www.eham.net/articles/7176 or http://www.neasmn.org/kd4fmn/eps.htm

Search "battery power" "BATTERY ALTERNATIVE POWER" for other ideas at ARRL Article Search.

Another alternative to extending your laptops battery during longer power outages is an DC to AC Inverter. Example: http://www.allelectronics.com/cgi-bin/item/INV-80/290/80_WATT_DC_TO_AC_INVERTER_.html (sized to Run a handheld or a laptop). Some of the more modern laptops have odd voltages for their batteries, making it impossible to connect them directly to a 12v battery. This bypasses that problem.

Please test your setup, listening for hash noise in your radio. It might be necessary to return the charger and try a different model.

Submitted by Chuck, N7BV

Here is a gem from Joe Shea, of the HQ's Production staff, reflecting on the FCC's Morse code decision, sung to the tune of "Mr. Ed":

A Morse is a Morse, of course, of course,
And no one can talk with Morse of course,
That is, of course, unless the course is taught by A-R-R-L.

Go right to the source and ask about Morse,
We'll give you a program that you'll endorse,
You'll always stay on a steady course,
Contact A-R-R-L.

Phone ops yakkity yak a streak and waste your time of day,
But Morse operators will never "speak" unless they have something to
say

A ham is a ham, of course, of course,
And some will talk 'til their "voice" is hoarse;
Would you rather sound like a horse's a--?
Well why not learn this: "dot-dit-dit-dit-dash"

Received via the ARRL CONTESTER'S RATE SHEET

Did the Grinch steal the fun out of Ham radio?

It's a new year folks and this will likely be my last contribution to QTC for awhile. So, as a parting shot I'm going to mount my soap box and let fly. If you want to take issue with my comments get your rotten tomatoes ready. I can take as well as give.

Despite having an ancient call sign and being somewhat proficient at the Neolithic art of "brass pounding," I'm a newbe to modern Ham radio. It's like being awakended from a half-century coma and finding that I'm "not in Kansas anymore, Toto!" I've seen the future and it doesn't work! The bands have changed; the rules have changed. Things have gotten sloppy and discourteous in the process. Dumbing down the FCC exams in the interest of expanding the amateur community is a contributing factor. The phone portions of the Amateur bands have come to closely resemble the Citizens Band. Rudeness rules!

During the "Katrina" emergency, I was monitoring a 75 meter Red Cross shelter net out of Alabama when a couple of LIDs in Los Angeles blasted them off the air with 20 minutes of small talk about a barbecue they had attended the previous week. Either HF propagation was unusually good that day or they were using an awful lot of power. Both stations pinned my "guess meter" at 9+20dB! This was clearly in violation of the FCC rule to use the least amount of power needed to make a reliable contact. Moreover it was against a directive, published by the ARRL, to keep well clear of certain net frequencies during the emergency. If I could hear the shelter traffic clearly, couldn't they? It's always been considered good practice to listen for awhile to see if a frequency is clear before transmitting. And I question their use of the HF spectrum. Why tie up a HF DX channel when VHF or UHF is better suited to local traffic?

Of course CW has its problems, too. I was able to contact stations in Russia and Antarctica with my Elecraft K-2 using less than 10 watts of power More often than not though, while in the middle of an exchange, Someone with a gazillion watt transmitter would tune up and call CQ without a thought about whos signal he or she might be jamming. Apparently "might makes right" so I was forced to increase my own signal strength to regain something of an edge - a wasteful and expensive addition. I still get bumped off the air now and then by the killowatt boys but I refuse to play the power game any further. Anything over a hundred watts will forever remain beyond my modest budget.

This brings me to my final complaint - a waning of technical interest in radio. There was a time when every ham learned how radios worked; tinkered a station of his or her own into existence and improved it to a state of satisfaction and boastfulness. There were no hand held radios. Stations were either fixed or mobile and we used them to open a window onto a larger world. We built friendships with hams in far countries and we exchanged colorful QSL cards, often with personal greetings scribbled on them. Most of today's DX contacts seem to be focused on short, impersonal exchanges of data, logged automatically and stored somewhere in cyberspace for verification by computer. Human interaction doesn't count for much anymore. The fun and adventure have been wrung out of Ham radio.

Guess I'm just getting old and crotchety . Hamming isn't the way I remember it. Probably never was!

Paul Honore' W6IAM

Antenna: In ancient Greek, the word anateinein (to stretch forth) described the projecting horns of insects. Fifteenth-century Latin writers, looking for a word to describe the long, high-peaked yard on a lanteen sail, and noting its resemblance to an insect's projecting horn, borrowed from the Greek and coined the word antenna. Modern English retains the Latin spelling, and Greek definition, and adds a meaning that would have had little relevance to the ancient Greeks or Latin's - today, an antenna is also a projecting metal rod for receiving radio signals. Reference the book "When a Loose Cannon Flogs a Dead Horse There's the Devil to Pay" by Olivia A. Isil

Submitted by: Bill Carter

Net Checkin HONOR ROLL:

Here are the stations that checked in to 50% or more of the Thursday night 2 meter Nets. Please note we are also showing those who made 100%. In callsign order, they are...drum roll please...

N7BV	Chuck	100%
WB8BVK	Paul	100%
KE7CIA	Troy	
KA7CSZ	Marsha	100%
KE7DRT	Nita	
KG6EI	Carl	
KE7ENQ	Steve	
KE7EZS	Leah	100%
W6FEH	Bob	
WA7JEP	Janet	
W6IAM	Paul	
K7IDX	Bruce	
AC7IY	Mary	100%
K7KEA	Elizabeth	
WA7LDM	Jim	
W7LG	Gil	100%
KC7LGT	Joe	
WA7LIK	John	
KC7LTW	Donald	100%
K6MBY	Bob	
K5MTW	Don	100%
N7MXE	Bliss	100%
WA7NBF	Neil	100%
N7NCN	Rich	
K7NIA	John	100%
KC7NMN	Bess	
KC7NPP	Theron	100%
K7PVZ	Bob	
KN7R	Burt	
K7RGR	Roger	
AC7RK	Bob	
KJ7SK	Frank	
K3SWH	Jerry	
K7VQF	Ray	100%
K7WZ	Bill	
KE7XX	Tom	
W7YLV	Al	
KI7ZC	Bob	
KC7ZQA	Shirley	

Congratulations to all, and thanks for your continued support!

Submitted by John Moore K7NIA

CLALLAM COUNTY AMATEUR RADIO CLUB REPORTS

Minutes of the General Meeting

No December Meeting

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FROM OUR TREASURER:

The bank balance as of 12/20/06 was $5129.89

VOC Frank Doherty ARRL VE

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COMING EVENTS

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March 10th 2007
Electronic Show and
Flea Market at the
Puyallup Fairgrounds

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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@olypen.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@olypen.com

Board Member: Tom Newcomb 360-452-8228
ke7xx@arrl.net

Board Member: Bob Kennedy AC7RK 360-457-6177
ark@tenforward.com

YL LUNCHEON

12 January
Fiesta Jalisco
Port Angeles
Time: 11:45 a.m.

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

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

Description	Time/Date	Location	Contact
Clallam County ARES/RACES meeting	7 pm, first Tue of every month	Clallam County Courthouse EOC, 223 E. 4th 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 5th & 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 Country Amateur Radio Club YL social lunch	11:45 am 2d Fri of every month	Rotates - announced on Thursday night Net	

BIRTHDAYS:

Bess Barello 01/02
Jim Coulter 01/07
Donna Hubley 01/27
"Bud" Mitchell 01/14
Art Rowe 01/04

Happy Birthday!

Taken in a residential burglery from my QTH on Friday, December 29th:

Icom IC-T90A tri-band HT transceiver with extra Li-Ion battery pack (BP-217)

Radio Shack HTX-202 2-Meter transceiver with attached AA battery pack

Both units were programmed with local ARES / RACES and CCARC repeater frequencies and were fully charged.

A police report is on file with the CCSO and serial numbers have been provided.
Russ, K7INA