



CLALLAM COUNTY AMATEUR RADIO CLUB

QTC

NOVEMBER 06

President's Log

Depending on when you read this, the new club president will have been, or will be, elected. To him, or her, I pass the torch and wish the best for the club, the board of directors, and for all the activities that the club undertakes in the future.

Four years ago, I was asked to become President of the Clallam County Amateur Radio Club. At that time, it was apparent that without some sort of leadership, the club would cease to exist and only a repeater association for W7FEL would continue.

I accepted with the desire to get the CCARC back on its feet.

Specific steps I cannot recall, but soon meeting attendance and repeater activity had increased. Shortly thereafter, with Casey's (KJ7XE) technical expertise the club made significant improvements in the equipment and antenna system at Stiped Peak. Next came the installation of the first remote receiver system on Ellis Mountain to support the west end of the county, specifically Forks, and then a similar system followed in Carlsborg to support low power HTs from Sequim east to the county line.

With the help of a growing membership and an increasingly active participation, we have been able to offer a monthly meeting schedule with interesting presentations from not only the world of Amateur Radio but also the everyday world in which we live.

Members organized a committee to publish an up to date club membership directory.

A monthly newsletter, the QTC, was created and has grown in size each month since inception. It even reaches to Ohio. Just ask Bruce, W7DNA.

Field Day operations continued to grow in public awareness, attendance and QSOs.

In addition, the club has held classes for new licensees and VE examination sessions three to four times each year and to date has one of the highest passing percentages in the United States. That fact has been verified by ARRL VEC in the past few months.

I do not take credit for this increase in club activity. My goal was to create an atmosphere where local hams wanted to be a part of an active, vibrant organization.

Whether I succeeded or not is for history to record.

Because of other commitments, I have not been able to be as active recently as I would have liked. We all have to make choices and balance our time between them.

What I do know is this.

I believe in the power of Amateur Radio.

I always did what I thought was the best for the CCARC and our local situation.

I have recently received communications saying I have "irritated" a lot of people. The actual language was a bit more graphic and I have chosen to change the wording. My apologies to the writers.

Whether you agreed with how I managed the organization or not, please try to understand the following.

I am very proud to have served as President of the Clallam County Amateur Radio Club for these past few years.

My special thanks to Roger Uhden, K7RGR, for being there when I couldn't be.

Thanks also to the board members who have given of their time and expertise over the years.

This will be my last President's Log.

I leave the December issue for the incoming President to make his or her inaugural statement in this space.

To those of you I have impacted negatively, I am sorry.

It was not intentional.

Russ, K7INA

Get Your License Here!

We are planning to start the new year off with a Technician Class starting mid January.

Also if you know of anyone interested in a General Class please let me know.

More to follow.

Chuck Jones, VEC Clallam County

The latest Report and Order from the FCC has deleted the frequency bands and segments specified for RACES stations. Also, the requirement for public announcement of test locations and times has been deleted.

VOC Frank Doherty ARRL ARES VE

Clallam County ARES/RACES

Clallam County ARES/RACES is actively looking for new members and would like you to consider joining our emergency communications group.

Training is conducted at each general meeting the first Tuesday of each month. Our November 7th meeting will cover Ch-2 (Networks) and Ch-17 (Large Scale Disasters) of the ARRL Emergency Communication Handbook.

No training is scheduled for the December meeting. Instead, there will be an "open mike" period where subjects and direction for next year's training can be discussed. This is your chance to be heard. Your input is valuable. Plan to attend and participate.

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

Paul Honore W6IAM, ARES/RACES Training Officer



See www.Hello-Radio.org for information on the new ARRL 2006 public relation and marketing campaign based on the word "HELLO."

Club Directory

The current club directory is available. Pick one up at the next Club function from Nita.

PROGRAM FOR THE NOVEMBER MEETING

November 8th is get out and vote time!

There is no program scheduled.

Thanks: AC7RK N7BV W7WEC

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.

News From Victoria!

We received Zero Beat, the news letter of the Victoria Short Wave Club, VSWC.

Their recent meeting, in September, was presided over by Bruce Gellatly VE7ZM, the club president, using his new gavel which was presented to him by the CCARC at our recent annual 'picnic'. The news letter includes a brief history of the club, which dates back to it's first meeting on Oct 31, 1929. That's almost as old as I am!

VOC Frank Doherty ARRL ARES VE

A Reminder

Members should bring their club membership cards to the Nov meeting where we will vote for new officers. Only members who are current with their dues are eligible to vote.

If you have cannot find your card and list will be on hand in-order to verify paid membership.

Also, dues for 2007 can be paid at this time and new cards will be issued.

VOC Frank Doherty ARRL ARES VE

Information

The QTC newsletter staff uses the Email address ccarcqtq@yahoo.com and location on Yahoo to store articles and information that you send in. We also use it to send Emails back and forth between us regarding file formats. Thus we have limited the access to this Yahoo address to the three editors of the newsletter in-order to prevent mishaps with information.

However, as this site has a compilation of all the Emails addresses of members, we occasionally have been used to relay breaking news to the group.

Please respond directly to the originator of the Email, sending your response back to ccarcqtq@yahoo.com will not get to the originator of the message.

On another subject, please be aware due to spam fighting by Yahoo it takes four separate transmissions (limited to one per hour) to get the QTC Email out.

Thanks. *Da Staff!*

FOR SALE OR TRADE

Wanted:

~ ~ ~ ~ ~

For Sale:

~ ~ ~ ~ ~

Need a scanner for your PC? I have a Paprport One-Touch scanner available. It REQUIRES Windows 95 or 98 only -- it will not work with XP. Comes with drivers and software on CD, parallel cable. \$15 Steve AE7EA 681-2320

Icom HM-12 electret condenser hand mike. It came with my K2 and I have since upgraded to a Heil mike. \$5 Steve AE7EA 681-2320

~ ~ ~ ~ ~

Free 36x36 Mirror, track mount.
Chuck, N7BV 452-4672

~ ~ ~ ~ ~

For Sale--ICOM IC-211, 2Mtr. base or mobile. \$100.00
Thanks Jim, WA7LDM 457-9299

~ ~ ~ ~ ~

Give me a sense of humor, Lord,
Give me the grace to see a joke,
To get some humor out of life,
And pass it on to other folk.

Received from W7DNA

Your Ad Could Go Here

Please note:

Your ad will run for two months. If your item(s) sells or you want it to run longer, please E-mail the QTC Staff at ccarcqtq@yahoo.com.

Thank you.

ARISS - A joint venture of NASA and the ARRL

The year was 1969. I was sitting with the my family in front of the TV watching Neil Armstrong take the first tentative step onto the moon's surface and wondering, along with millions of viewers the world over, if he would find a firm surface or if he would disappear into a sinkhole of moon dust. The kids began to fidget. "This is boring!. They do it better on *Star Trek*." I was shaken by the comment. We were witnessing a milestone in human history and the children didn't realize the significance of what they were seeing. Television drama had shown them more imaginative possibilities and reality was far less exciting than fiction.

Well, as we all know, Armstrong didn't sink into the dust and the rush of adrenaline that accompanied the race against Soviet Russia to be first into space has dissipated. Many today view the space program with the same indifference as our kids did nearly 40 years ago. The program hasn't diminished but the emphasis has changed from bursts of headline-making activity to the steady routine of scientific methodology. It continues to produce useful spinoffs for industry and medicine and a wealth of knowledge that will help smooth the way for human colonization of the moon and nearby planets.

A quick check of the internet reveals an interesting fact that, so far, has escaped public notice. **117 astronauts and 15 cosmonauts are Licensed Ham radio operators!** This has given rise to an exciting program that promises to overcome some of the public apathy to the space program and a golden opportunity to promote Ham radio - a joint venture of the ARRL and NASA to provide direct contact between ISS crews and school children around the world. The program is called ARISS (*Amateur Radio on the International Space Station*). In December 2000 the first ARISS contact was made with children at Luther Burbank Elementary School near Chicago. By mid 2003, 100 schools in several countries had participated in the program. Currently there is a queue of more than 60 schools waiting for a turn to speak with ISS crewmembers in space.

The questions children ask reveal a lot about their interest in the space program. Many relate to the qualifications needed to become an astronaut.

Others express concern for the safety and well being of ISS crews. Some are truly probing and imaginative.

"Does food taste different in space?"

"How do you breathe?"

"How do astronauts bathe?"

"How do you do laundry?"

"Do day and night last the same amount of time as they do on earth?"

"Do people go faster up in space?"

"Is there any sound?"

"What's the official language on the ISS?"

"How do you weigh stuff?"

"Which way does a compass point in space?"

"If you put a thumb over the sun, from the ISS, can you see the corona?"

For each session there is time for about 20 questions before the ISS hurtles out of communication range so everything has to be scheduled well in advance.

Besides the students, parents and invited members of the public and press are usually in attendance along with a team of Ham operators from a local radio club with the necessary 2 Meter equipment to make the contact. It's a terrific way to bolster interest in the space program and, at the same time, introduce Ham radio to potential newcomers through a powerful hands-on experience.

Imagine what it might have been like in 1969 if, instead of watching passively, the kids could have spoken with Neil Armstrong as he took that fateful step onto the moon's surface; got his personal reaction; learned something of his hopes and fears? Boring? No way! Hats off to NASA and the ARRL for conceiving of and implementing ARISS.

Paul Honore' W6IAM

To learn more, visit the following websites:

<http://www5rrr.org/astros.html> (Johnson Space Center Amateur Radio Club Astronaut-Ham Page

<http://www.rac.ca/ariss/faqariss2.htm> (ARISS Frequently Asked Questions)

Licensed Expedition 14 crew members are:

Commander: **Michael Lopez-Alegria KE5GTK**
 Science Officer and Flight Engineer: **Mickhail Tyurin RZ3FT**

Flight Engineer: **Thomas Reiter DF4TR**
(Sunita Williams is scheduled to replace Thomas Reiter sometime in December)

Current ISS call signs are:

Germany	DL0ISS
Russia	RS0ISS; RZ3DZR
USA	NA1SS
Packet station mailbox	RS0ISS-11
Packet station	RS0ISS

Hello All:

Joe, KC7LGT reports his repeater in Sequim on 442.125 MHz with a pl of 123.0HZ is now fully completed with IRLP and EchoLink. It is a public access repeater opened for all to use.

For information on the repeater or how to use IRLP / EchoLink you can go to Joe's website at www.node3529.com or email Joe at kc7lgt@olypen.com

I would be happy to give you "Old Timers" some lessons on how to use IRLP hi hi ...

Joe, KC7LGT, Node 3529

PCB Design Services

Printed Circuit Board design services by Paul, WB8BVK. Turn those breadboards and prototypes into printed circuit boards. Thru-hole and surface mount, single and multi-layer (up to 16 layers) capabilities. Give me your schematics and specifications and get back Gerber and drill pattern files ready for the foundry.

Got an idea for a circuit that requires a micro-processor/microcontroller but don't have the knowledge or capabilities to design it in? Give Paul, WB8BVK a call or email. 683-6072, pbenedum@earthlink.net

BE AWARE OF THIS NEW SCHEME THAT IS NOW BEING USED. A NEW WAY OF CAR-JACKING (NOT A JOKE)

Caution to women especially.

You walk across the parking lot, unlock your car and get inside. Then you lock all your doors, start the engine and shift into REVERSE, and you look into the rear view mirror to back out of your parking space and you notice a piece of paper stuck to the middle of the rear window.

So, you shift into PARK, unlock your doors and jump out of your car to remove that paper (or whatever it is) that is obstructing your view. When you reach the back of your car, that is when the car-jackers appear out of nowhere, jump into your car and take off! Your engine was running, (ladies would have their purse in the car) and they practically mow you down as they speed off in your car.

Just drive away and remove the paper that is stuck to your window later, and be thankful that you read this email. I hope you will forward this to friends and family... especially to women! A purse contains all of your identification, and you certainly do NOT want someone getting your home address. They already HAVE your keys!

Lieutenant Tony Bartolome
 Bureau of Investigations
 Florida Highway Patrol
 P.O. Box 593527
 Orlando, FL 32859
 (407) 858-3233

Disseminated by Chuck, WA7EBH

Getting the Word Out!

On October 12th, Bob Kennedy, AC7RK, Shirley Newcomb, KC7ZQA, and Tom Newcomb, KE7XX, were invited to present a program on Ham Radio to 67 Third Grade Students at Greywolf Elementary School in Carlsborg.

The invitation was extended by Mrs. Sue Gellor, Pat Quinet and Sherry Burke were the other two teachers. All three third grade classes at that school attended. The program started at 2:00 PM with a short talk by Tom Newcomb on the history of Ham Radio and a demonstration of our two meter capabilities. Bill Carter, W7WEC was standing by for our call. The kids were very attentive and enjoyed the contact. We had a Kenwood 570 D with a mobile antenna mounted on a vehicle and a coax running out a window of the classroom. Chuck Jones, N7BV, had made a contact with a ham in Virginia who was standing by to take our call, but the antenna was not suitable to make the contact. However, the kids got to hear a high frequency single sideband signal. Some of them said it sounded like aliens!

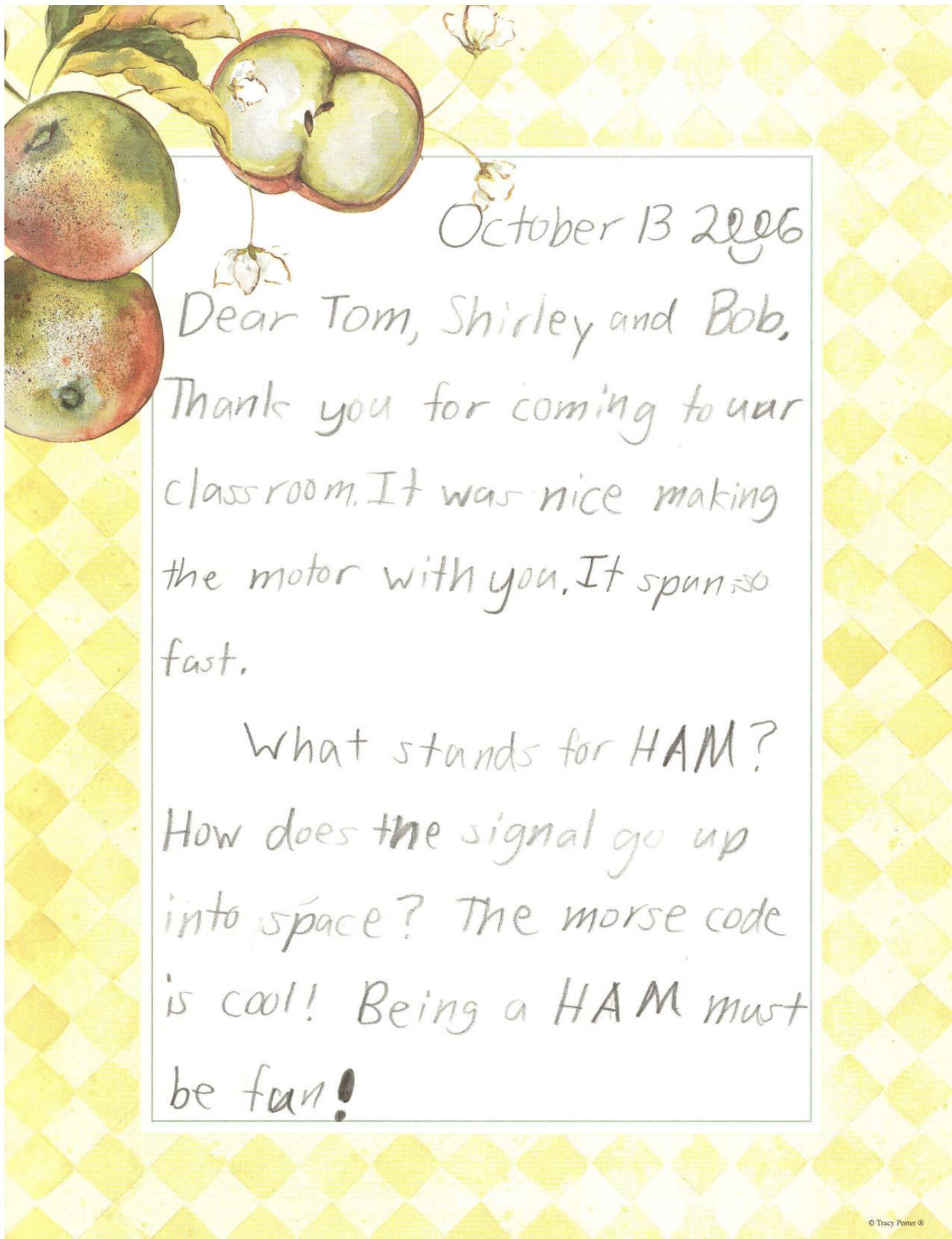
Bob Kennedy then made a couple of demonstrations to illustrate electricity. With the help of a student he made a very simple electric motor and powered it with a nine volt battery. He also presented Blinky the cat with blinking LED eyes. The students really liked Blinky. Tom then call one of the boys up and taught him to send his name in Morse Code with a paddle. Luckily, his name was Sam and easy to do in code.

The children were very attentive throughout the 50 minute program and when it was over they gave the presenters the Greywolf Howl, which is reserved for special events. About a week later, we received 67 letters from the kids. Each of the letters thanked us for coming out to give them an idea of Amateur Ra-

dio and several of them asked for additional information of one kind and another. Several of the kids asked if we could come again. Those putting on the program had just as much fun as the third graders and their teachers.

Tom Newcomb

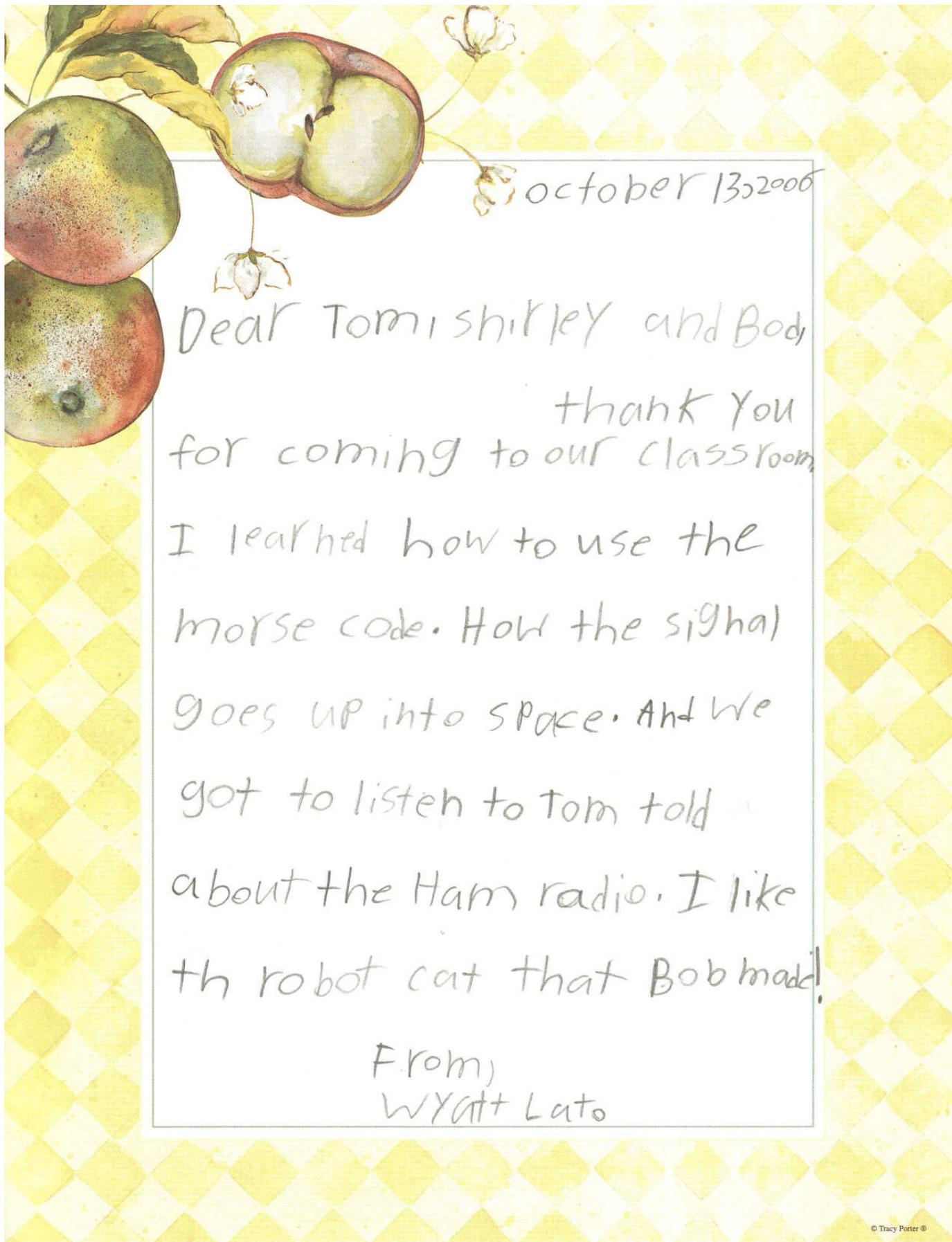




October 13 2006

Dear Tom, Shirley and Bob,
Thank you for coming to our
classroom. It was nice making
the motor with you. It spins so
fast.

What stands for HAM?
How does the signal go up
into space? The morse code
is cool! Being a HAM must
be fun!



october 13, 2006

Dear Tom, Shirley and Bob,

thank you
for coming to our classroom.

I learned how to use the

Morse code. How the signal

goes up into space. And we

got to listen to Tom talk

about the Ham radio. I like

the robot cat that Bob made!

From
Wyatt Lato

CYCLE 19

I received my Conditional Class license K7NIA in August 1960 on Okinawa just after the peak of sunspot Cycle 19. At that early stage of my ham radio experience, I had no idea what benefits there were from being a part of that cycle. I truly believe one could have worked DXCC from KR6land once a month if that were the desire. My first ever SSB contact was KC4USV at the South Pole.

I was an Army corpsman when I arrived on Okinawa, and was assigned to the Army Hospital, just south of Kadena Air Base. 6 months later I got my license, and transferred to the Hospital closed circuit radio station, which had a nice ham radio station outside the "broadcast" room. It consisted of a Central Electronics 20A SSB exciter driving a Johnson Thunderbolt linear amplifier (with a pair of 4-400As) for the transmitter side, with a Collins 75A4 receiver and a backup Collins military R-390 receiver. There was a Telrex triband beam on a 40' tower on the roof of the Hospital which was four stories. The Hospital station acted as Net Control during typhoon situations using a long wire, as the main antenna and tower were lowered and sand bagged down.

The main purpose of the ham radio station was to run phone patches for military people on Okinawa. 20 meters was the best band for that and it opened at around 11PM Okinawa time. There were 6 kilowatt traffic handling stations squeezed into 25 KHZ at the top of 20 meters from 14.325 to 14.350, as dictated by the MARS Radio Officer. These were 3 Marine stations, a Navy Station, an Air Force station and ours (KR6GH). The antenna installations were as varied as the services being supported, but the Marines did it right. They had 3 wavelength triple curtain rhombics aimed right at W6IAB, the Marine station at Camp Pendleton, which also had a rhombic aimed at Okinawa. Those guys could shoot the breeze about the baseball scores when the rest of us were just trying to hear the States. The Navy and Army stations had rotary beams, and the Air Force station had an unterminated "V" antenna, the backwave of which came right at us. We all had to learn to

live with each other, but when the Air Force came on, sometimes I just got on the bus and rode up to their station to visit.

We had some problems with a jamming station, and the good propagation gave us a chance to triangulate it and find out where it was. After the band went dead into the States around 1 AM, I ragchewed with stations around the Pacific. (We had air conditioning in the station!) I talked with Kwajalein, Wake, Guam, and some stations in South Africa, Australia and New Zealand. One night we decided to rotate our antennas to locate it, and coordinate our findings. It turned out to be coming from the coast of Russia. A few days later, one of our Marine operators posed the question to this guy, who turned out to be a ham, "how are things going at the missile base?" and we never heard him or the jamming again.

After I was discharged from the Army, I set up a station in Seattle with a Heathkit Marauder HX-10 and Hallicrafters SX-101A and ran more phone patches with schedules to the South Pole and Sitkinak Island in the Aleutians, but it was never as good as it was in Cycle 19 on Okinawa. I hope Cycle 24 is a good one!

John H. Moore, K7NIA



CLALLAM COUNTY AMATEUR RADIO CLUB

Minutes of the General Meeting 11 October 2006

The meeting was called to order at 7:00 p.m. by Roger K7RGR.

Introductions were made around and birth-days for the month of October were acknowledged.

Chuck N7BV said that five students passed the Tech license exam, and three of them got 100%. It is likely that there will be a new Tech class in January. He also reported that a ruling by the FCC expanded the 40m and 80m single side band frequencies (3.6 to 4.0 MHz and 7.125 to 7.3 MHz.)

Nita KE7DRT advised that she got extra items for QTC, but keep them coming.

The program for the evening, "Disaster Preparedness in the Home", was given by Gary Bond, the local American Red Cross Disaster Program Manager. He reminded us that we will need to be our own first responders in the event of an emergency. He talked about preparing our homes and preparing kits for the home and to take with us.

Announcements:

Corrections needing to be made in the Club Directory can be sent to QTC. Nita KE7DRT has the master.

Paul W6IAM has made an 80m end loaded dipole antenna (for vertical or horizontal use) that is 58' 8" long.

The W5RFL repeater (44.100 MHz, PL 100) is up and working.

Tom KE7XX, Bob AC7RK, and Shirley KC7ZQA are going to Greywolf Elementary School tomorrow to demonstrate amateur radio, etc. They will be there from 2:00 to 3:00 p.m., on 14.203 MHz and on the repeater.

The next club meeting will be November 8 and will be club elections for next year's officers.

In December, if we want a party, we need to set it up ourselves. (No committee has yet been established.) However, Nita KE7DRT will see if she can find a place for a party on 12/2 or 12/9 and will report at the No-

ember meeting.

Meeting was adjourned at 8:30 p.m.

Minutes by Rich N7NCN

ELECTED CLUB OFFICERS For 2006

President: Russ Fish K7INA 360-452-9195
k7ina@aol.com

Vice President: Roger Uhden K7RGR 360-681-7450
k7rgr@olyphen.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@olyphen.com

Board Member: Chuck Jones N7BV 360-4524672
n7bv@yahoo.com

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

Treasurers Report

The balance in the club account is \$5014.19

VOC Frank Doherty ARRL ARES VE

QTC Editors:

Nita Lyman, KE7DRT, Chuck Jones, N7BV, Bob Sampson, K6MBY

Please send submissions to the QTC via
Ccarcqtq@yahoo.com

YL LUNCHEON

The November 10th luncheon will be at Joshua's Restaurant in Port Angeles.

Time: 11:30 a.m.

COMING EVENTS

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 The Clallam County Amateur Radio Clubs annual Christmas potluck will be at the 4-Seasons Club House on 09 December. Eating will commence at 1230. Setup crew should be there at 1000. Potluck details will follow by separate Email. Don't forget to bring a \$5.00 gift for the gift exchange, clearly marked male or female or SANTA will be MAD!!

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**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 th 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 th & 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	

NET CHECK IN HONOR ROLL: Stations that have checked in more than half of the Thursday night net check ins (in alphabetical order)...they are...drum roll please....

BIRTHDAYS:

Burt. KN7R, Nov 2nd
 Roger, W7GRS, Nov 15th
 Joyce, N7JPW, Nov 30th

Happy Birthday!

- | | |
|------------------|-----------------|
| N7BV, Chuck | K6MBY, Bob |
| WB8BVK, Paul | K5MTW, Don |
| KE7CIA, Troy | WA7NBF, Neil |
| KA7CSZ, Marsha | K7NIA, John |
| KE7DRT, Nita | KC7NMN, Bess |
| KG6EI, Carl | KC7NPP, Don |
| KE7ENQ, Steve | KN7R, Burt |
| KE7EVS, Leah | K7RGR, Roger |
| W6FEH, Bob | AC7RK, Bob |
| N7HFL, Chuck | KJ7SK, Frank |
| W6IAM, Paul | K3SWH, Jerry |
| AC7IY, Mary | K7VQF, Ray |
| K7KEA, Elizabeth | W7YLV, Al |
| WA7LDM, Jim | KE7Z, Dick |
| KC7LGT, Joe | KI7ZC, Bob |
| KC7LTW, Donald | KC7ZQA, Shirley |