

SHORT CIRCUIT: AMATEUR RADIO NEWS

OCTOBER MEETING

The meeting was called to order 8 pm, Friday, October 5th. Tonight is election of officers--you have to be a paid up member to vote.

The suggested slate of officers where:

Diane Marshal AL7FG-----Prez
Dale Powell TKB-----V.Prez
Lynn Rice NL7FT-----Treas

Steve Estes nominated "Bonnie" Walls as Seretary, she accepted. There were no other nominations from the floor as a result the officers were unanimously approved by the attending members. CONGRATULATIONS to you all.

Anote of thanks to the out going officers for a job well done ,for providing an interesting and busy year. Ther was a roundtable discussion about getting classes and stations in the local schools and around the state. Clark Williams stated that there was a lot of intrest in the villages where he worked this summer. Billy Conner, AL7FQ, mentioned Middle School, North Pole has or had a station that probably could be reactivated witout too much hassle. (A good way to start and show results to school admins---free too). Bill also mentioned the possability of getting a station set up on the river boat NENANA at Alaska land. EXAMS ARE HELD THE FIRST SATURDAY OF EVERY MONTH AT THE NOEL WEIN LIBRARY AT 1 PM

Looking for the club's banner, signs, and the blue and gold pennants. Anyone knowing the wherenabouts of any or all of the above please call Diane!

Discussion on increasing membership, bunny hunts, and public relations-----we need your comments and ideas.

Jim Dixon reported that there will be an antenna installed at Youkon Quest H.Q., and will start on Feb. 18 or 19. Anyone intrerested for positions in or out of town, please contact him.

Joan Souter (N8AJW) announced that Lewy Overton (N8SN) would no longer continue as newsletter editor. Ed Stich (KL7HFH) suggested that Herb Walls be editor and Herb said OK. Thanks, Herb.

Lynn Rice gave the Treas. report. The December meeting will be a Christmas Party, with Santa Claus----Diane said "Bring the Kids!".

Remember:

Executive Board elections next month. Board meetings to be held third Thursday of the month. Club T shirts and sweatshirts still available!

"Bonnie" Walls, Sec'ty

BOARD MEETING

Attending the meeting were: Diane Marshal AL7FG, Dick Attwood KL7B, Fred Brown KL7CUS, Dale Powell AL7KB, Steve Estes KL7XD. There was no quaroum because of road conditions, the following were recmmended for nomination to the board:

Fred Brown KL7CUS
Dick Attwood KL7B
Steve Estes KL7XD
Jim Dixon NL7HI
Billy Conner AL7FQ

Discussion:

The next club meeting will be about Emergency Services. We will also have the board elections. Also, we discussed starting a Disaster Preparedness Net on 5167.5 MHz--but the legalities are somewhat vague. Fred Brown KL7CUS, will look into the matter.

THE PREZ SEZ

Here I am again as club president. I hope to bring life back to the club and the club meetings. I would like to personally invite you to attend. Yes Fred we will go back to donuts with the coffee.

If you haven't paid your dues, please send them in or deliver them to the next meeting. The dues help keep the repeaters on the air and send out the newsletter.

Thank you to all those who turned out on September 30 to help with the Melpomene 5K Run. The club will be getting a \$50.00 donation for it's help and all the operators are wearing new light blue sweatshirts. Thank you Steve, KL7XO, Herb, KL7JLF, Bonnie, WL7BFB, Dale, AL7KB, Dick, KL7B, Billy, AL7FQ, Mellisia, NL7QV, Jim, NL7HI, and Lena, K7JUT's better half.

This years plans so far involve the Yukon Quest, The Yukon 800, a Hamfest/Flea Market, and repeater growth. Events mentioned but not committed to are a winter bunny hunt, a winter field day, the Hambowl, and a 10 meter or 20 meter sprint.

At the last meeting the general feeling was the club should support amateur radio in the schools or at least with some youth group. Ideas need to be developed into some plan or proposal to follow through with this.

The board meetings are the third Thursday of the month at my house at 7pm, (1.9 mile Ballaine Road, just over the hill on the right, look for the beam - log house). Everyone is welcome at the board meetings. At the November club meeting the new board members will be elected, if you would like to be on the board please let an officer or me know.

See you at the club meeting and bring a friend.

Dianne, AL7FG, 479 - 5819

Magmount antennas
3.5 - 440 Mhz

*Link-Alaska
Repeater Project*

Profits help link Fairbanks
repeaters along the highways

Contact Steve Estes (KL7XO) at 479-5819

Repeater Report
by Steve Estes, KL7XD

The 146.28/88 repeater on Ester Dome now has five ways to get into it.

- 1) The standard way of transmitting on 146.28, a 600 kHz negative offset.
- 2) Thru the 223.28 input on the 224.88 repeater. (Remember Novices can use this).
- 3) By the new remote receiver on 147.48, positive 600 kHz offset. Located at 9 mile Chena Hot Springs road, KL7B's QTH. Try this if you are having trouble getting in thru the normal 146.28 method. This remote receiver does not have any desense or intermod problems like the 146.28 input. It's coverage is best east and south of Fairbanks. As funds permit, an automatic voting system will be installed on Ester Dome and the remote receiver will also be accessed thru 146.28.
- 4) Input can also be gained on 440 MHz. If you would like to try full duplex with some of the new Dual band 2m/70cm rigs.
- 5) Also the Donnely Dome machine can be used as a remote receiver with your transmit frequency on 144.800 MHz.

Normally a sixth input is available thru the reverse autopatch but the telephone line is currently out of service.

The Ester Dome machine also has three new power supplies and a new 100 AH battery back up for emergency power. One supply normally run the repeaters, another the 120 watt power amplifier and a third keeps the battery float charged. If the power fails the power amplifier ceases and the repeater falls to battery power at about 12 watts output.

During the summer the Ester Dome site was broken into and the packet digipeater was stolen. We tried to replace it but the equipment we had was too susceptible to the high levels of RF on the hill. KL7GNG is now working on a "bomb proof" rig that will eventually be installed. Building security has been greatly improved to avoid future breakins.

As was hinted earlier on in mid-September a repeater of was installed at Donnely Dome, about 20 miles south of Delta Junction. It is a crossband repeater linked on 220 MHz to the 28/88 machine on Ester Dome. To use it, listen on 145.40 and transmit 144.80 (-600 kHz offset). Since

the link is not full duplex you must wait for the squelch tail to drop before transmitting. The machine has wide area coverage. South to Black Rapids about 50 miles from Delta.

East to the Gerstle River about 30 miles from Delta. It also covers from Delta all the way to Fairbanks along the Richardson Highway. Originally this was to be 146.22/82 but intermod problems forced a frequency change. Since 145.40 does not conform to the ARRL bandplan a move to 145.41 is planned for the spring.

The club has received a fine gift of a Motorola commercial grade repeater with duplexers from KL7NO. Plans are to modify it for the two meter band and add a 220 MHz link to Ester Dome and find a home for it somewhere out of town.

The 146.34/94 repeater on the University campus is operating. However, it seems to die occasionally, probably because the autopatch times out. Please remember to # it down when you are finished making your calls.

The 146.16/76 machine at Denali Park saw some action during the summer, I had several QSO's as I drove passed the park. Coverage is generally from Healy to Carlo Creek. A site in Healy is needed to link this into Fairbanks.

From the ARCTIC FLUTTER



There should be more activity from the Novices and Technicians on the Tanana Emergency Preparedness ARES Net on the following:

19/79 TWO METER REPEATER AT 8 P.M. SUNDAY

28.400 USB 10 METERS AT 9:15 P.M. SUNDAY

Ken Thompson will C W practice at 20, 13, 10, and 5 WPM nightly at 8 P M except Sunday net time. I will expect you to read the to him no matter how poorly it was copied as this is for Fun and Practice

Borealis Amateur Radio Club

SALES		SERVICE
ALASKA		
 RADIO		
TED COLLINS		1896 Marika Road
Office: 907-456-7865		Suite #5
Home: 907-488-2605		Fairbanks, AK 99709

In Stock:

ARRL Publications
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Belden 9913
Larson Antennas
Solar Panels
NiCad Emergency
Lights

Repairs: 25% off regular cost/hour for Hams.

Nancy Vander Velde, AA6EA
940 Arbolado Road
Santa Barbara, CA 93103

Yes -- It is A-O-K on Kosrae

At the Kosrae International Airport, there is a public telephone. To travelers from the United States, such a sight may not seem to be remarkable, but in Micronesia, public phones are often too few and far between, and their performance makes their existences of questionable value. Additionally, no phone lines are visible leading to the Kosraean terminal, which is miles and miles out of town. So, does this phone work? Yes, this is just one case of things that are a-o-k on Kosrae.

The phones in the more out of the way sites on this steep cliffed island are "rural phones". This is a full duplex VHF system that not only is an efficient means of communication, but prevents the spectacular landscape from being marred by unsightly poles and wires. These rural phones, as well as the regular line phones that are found in greater abundance around the Lelu/Tofol capital area, are all controlled by a surprisingly large, and very neat, communications office. The equipment may be slick and modern looking, but a home town friendliness is maintained. The operator still can track down a person, even if they are not near their regular phone number.

Not too far from the communications office in Tofol is the Kosrae State run AM radio station, WTKL, broadcasting at 1500 MHz in both English and Kosraean. On Kosrae itself, the quality of transmission is "awona", (good), but since it is only a low power station, any time after the sun sets over Hawaii, the Kosraean station has difficulty reaching any place distant. Honolulu's big easy-listening station, KUMU, is also licensed for 1500 MHz, and its tremendous wattage can effectively squash any signal from tiny Kosrae. But for an island of only 7,000 people to have its own language station at all is, yes, a-o-k.

And ham radio is equally, yes, a-o-k on Kosrae. In proportion with the limited population of the State, the number of amateur radio operators is about what one would expect. In addition to resident radio set-ups, since Kosrae is a popular sailboat stop-over spot, quite a few "marine mobile" calls drift through every year.

One thing from which that Kosrae, like all of Micronesia, suffers, however, is the lack of a consistent spelling system. All of the indigenous tongues were spoken long before the advent of Western men and their alphabet. These "lettered" people subsequently put themselves to the task of representing non-European sounds with European symbols. That is why "Kosrae" will often be written "Kusaie" on older maps, and the capital and ruins of the ancient city of "Lelu" is also spelled "Lelah" or "Lele", depending upon the mood of the one who does the spelling. Can't anyone come up with a system that is consistent and can be spelled out the same way each time, as is done in radio's international phonetics?

Yes, that would be *aok*, or a-o-k, (or alpha-oscar-kilo). In Kosraean, "yes" is consistently spelled "a-o-k" and is actually pronounced as it is spelled.

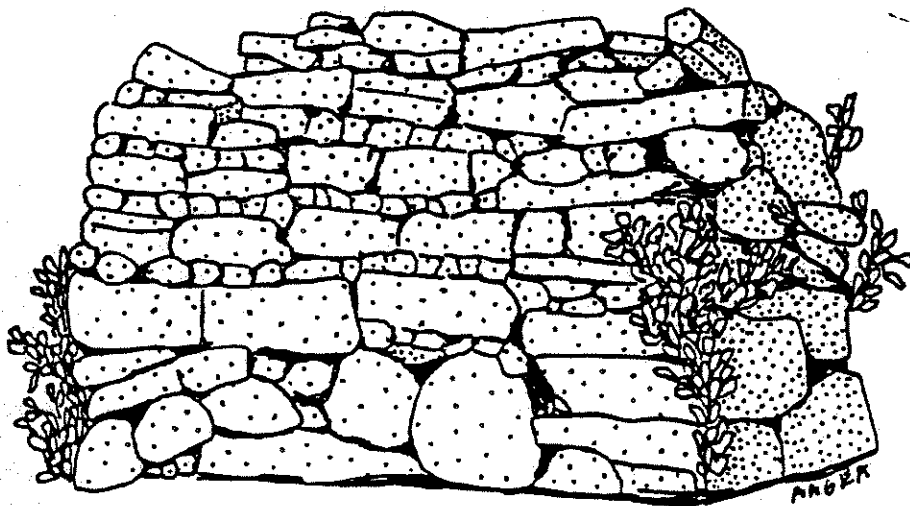
throughout the Pacific to standardize spelling. But, yes, *aok*, it is really only the outsiders who have trouble with the variable spellings. Kosraeans have always called their home "Kosrae", regardless if others wrote "Kusaie".

And, yes, *aok*, is English all that much better? Is it completely a-o-k? Well, take that term, an interjection of recent origins, coming to us a by-product of modern American colloquialism and popularized by the space program, (so no fair trying to put the blame on some Middle English speaking, semi-educated poet who died 600 years ago). "A", appears to be from "all" or "A-1", "top-quality", that is understandable...but "OK" is, according to most linguists, to be an abbreviation from "Oll Korrect"! Who can't spell?

Even the "great white fathers" who determine the world's call signs have trouble with how to spell things in Micronesia. Until recently, the Federated States of Micronesia, of which Kosrae is one of the four states, wa "KC6--" calls, but that is also under transition. Now, "V76--" is more accurate. So, don't complain about Micronesian spelling -- just enjoy it.

Radio communications and inconsistent spelling -- both seemingly opposites in the refined discipline of conveying information from one person to another. Perhaps in some places, that is, they could be opposite. But just as the public phone at the Kosrae International Airport, with no visible wires leading to it, (and not even a place to deposit a dime), may seem to uninformed outsiders as if it should not work, the same with the "creative" spelling system. They do the job, that is what is important. On the Micronesian Island State of Kosrae, both types of communication are, yes, *aok* a-o-k.

Len Mwo a Itnguhui-toLu
(Good Day and Seventy-three)



Stone ruins of the ancient royal city of Lelu, Kosrae are surrounded by the modern town.

HAM ADS

Want to rent----1 bedroom house or apartment for 6 months, begging Dec 1 1987. Would like one with antennas already installed, but its not critical. Phone--(907) 248-9379 Dean (N7KIR).

For Sale--Apple/Macintosh 512 K E 2Mg RAM-internal and external 800 k drives,much software,Superprint2.0--Microsoft Word 4.0,etc. \$890.00,With 20 mg Hard disc \$1200.00 Wait (916) 488-2546

D X News

New-- Nothing to report this month, but sure to get plenty after C Q W W. Let know of any new ones or how far you are along to gaining any awards you are aiming for.

U P NEWS

Dale Powell (ALTKB) the new Vice Presedent ,has a program for this month,Emergency Preparedness. It' a topic that is on the minds of most people thes days,after reading of the tragic quake in California and still lingering memories of the '64 quake in Anchor town.(We don't always have the nice weather associated wiyh California)

DATE-LINE		COPIES
		COPIES
		COPIES
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Saturday	9:00AM — 6:00PM	
Sunday	12:00PM — 6:00PM	
479-3831		
Self Service Typing		
1 hour minimum.....		2.00

ARCTIC AMATEUR RADIO CLUB
Newsletter Editor
P O Box 19278

ARCTIC AMATEUR RADIO CLUB MEMBERSHIP APPLICATION

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LAST NAME----- FIRST NAME----- CALL SIGN----- ARRL Y / P

STREET ----- APT -----

CITY----- STATE----- ZIP-----

RESIDENCE-----

WORK PHONE ----- HOME PHONE-----

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PERSONAL INFO

LICENSE CLASS----- PATCH----- PACKET----- MOBILE----- BATT----- SAT ----- OTHER-----

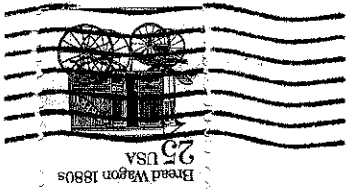
HOBBIES other than Ham radio:



VOEL443 997082022 1888 11/03/89
NOTIFY SENDER OF NEW ADDRESS
VOELKELT, JOE
PO BOX 130
MIDDLETON ID 83644

Joe

Joe Voelkelt
PO Box 82443
Fairbanks AK 99708



ARCTIC AMATEUR RADIO CLUB
P.O. BOX 81389
FAIRBANKS AK 99708

NOVEMBER 1989

The november general membership meeting will be held Friday November 3, at 7:30 p.m. in the conference room of the Geophysical Institute of the West Ridge of the U of A. If lost or in need of directions, call in on 2 meters and someone will be listening to help.

HAVE A HAPPY THANKSGIVING !!