

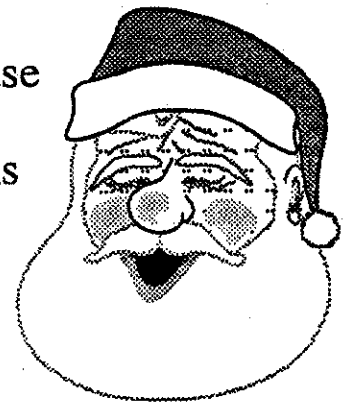
THE SHORT CIRCUIT

DECEMBER 1989

NEWS FOR THE ARCTIC AMATEUR RADIO CLUB
FAIRBANKS, ALASKA
HERB WALLS, KL7JLF EDITOR

SANTA CLAUS IS COMING TO TOWN AND TO THE DECEMBER CLUB MEETING AND POT LUCK

Santa will be at the December Club Meeting. Please bring the your children and grand children. There will be a kids gift exchange, bring a small childrens gift to throw in the pot for child you bring. More notes on the pot luck inside.



DATES TO NOTE

EVERY WEDNESDAY ABOUT NOON LUNCH AT THE ROYAL FORK
EVERY SATURDAY ABOUT 10 AM BREAKFAST AT THE BAKERY



THE PREZ SEZ

DECEMBER 1989

The holidays are now starting and the December meeting will be a Christmas Party Pot Luck complete with Santa Claus. Bring the whole family and all the kids to visit Santa.

At the October meeting there was some discussion about getting ham radio into the schools. I got a response from the Fairbanks Correction Center (FCC). The FCC would like to hold a ham radio class starting sometime in January. There are still some things that need to be worked out about this but there are somewhere around 30 people interested in participating in the class. Al Weber KL7AG has brought some QST's to the FCC and they would like some & 73's, CQ's and Ham Radio magazines also. If you are interested in teaching or help teaching let me know.

Think about your emergency ham gear. Could you get on the air today if the power was out? What if a major earthquake hit Alaska are you ready?. Think about your own survival supplies. Need a few parts to complete your emergency operation station? Ask Santa, gel cell, coax, spare battery pack for your hand held, new hand held, rope, flash light, headphones, spare power cord for all your radios, BNC and PL-259 connectors, portable soldering iron, small 2-meter beam, mag mount, generator, solar panel, tool kit, case or duffel bag to keep and transport your emergency gear, and the list goes on.

Hope to see everyone with their family at the December meeting. Drive safely and have a Merry Christmas and a Happy New Year!

Dianne, AL7FG - 479 - 5819

Minutes AARC General Meeting 3 November 1989

The meeting was called to order by president Dianne Marshall. Everyone introduced themselves. Several speakers talked on disaster related material. Helen Brown (XYL/KL7CUS) spoke about "Crisis Line" in Fairbanks and pointed out some similarity to amateur radio. Steve Estes, KL7XO spoke on seismology of the October San Francisco earthquake and a bit on the seismicity of Alaska. Craig Bledsoe, K4TXK lead a discussion on communications in Alaska with the help of Myron Babcock AH6AP and others. Dave Williams, KL7JIZ mentioned the Fairbanks North Star Boroughs disaster preparedness plan and will speak further on it at a future meeting.

After a coffee break, board elections were held. The following were nominated and elected unanimously:

Billy Connor, AL7FQ	Steve Estes, KL7XO
Dick Attwood, KL7B	Jim Dixon, NL7HI
Fred Brown, KL7CUS	

Respectfully submitted


Steve Estes, KL7XO
Acting AARC Secretary

NOVEMBER BOARD MEETING

Those attending were: Dianne Marshal AL7FG, Steve Estes KL7XO, Dale Powell AL7KB, Dick Attwood KL7B, Jim Dixon NL7HI, Herb Walls KL7JLF, and Bonnie Walls WL7BFB.

The Fairbanks Correctional Center expressed an interest in a class for Amateur Radio with about 33 participants.

Al Weber KL7AG sparked their interest when he donated some QST's to their library. More magazines such as 73, Worldradio, Ham Radio and CQ would be appreciated. All books should be soft cover or hard covers removed.

We need an instructor and a assistant for conducting the classes.

The program for this meeting is a visit from Santa Claus and a pot luck dinner.

Bring your children as this is an evening for them. Please bring a gift for each child as we have no way of knowing how many will be there and we don't want any child leaving without a gift. Please label gift or toy with age group, Please let Dianne AL7FG know how many children will be coming.

What to bring for the pot luck? To provide a guide the board proposed.

7 AL7's-----Main Dish
KL7's-----Salads, Chips, Appetizers
WL7's-----Drinks, Coffee, Tea, Punch, Soft Drinks
NL7's-----Desserts

More discussion of ideas to get Ham radio in the villages. Ideas or possible solutions should be noted and given to any officer of the club to be presented at next board meeting 21st of December at the Estes home.

The board made the decision to purchase a Kenwood 621 or equivalent to facilitate communications for the boat race and other commitments we have.

We now have a "gaming" permit and would probably like to take advantage of that to increase our depleting finances.

It has been decided to notify all past due members as reminder of their lapse in membership.

The Frosty Fiddler dog sled race from Ester, Nenana to Clear and back needs some communications for the 9th & 10th December_____down to Clear on the 9th and back on the 10th. If interested call or see at the meeting.

Every one enjoyed the fresh baked pumpkin pie and ice cream.

Thanks Dianne.

Respectfully submitted

Bonnie Walls, WL7BFB

FINANCIAL REPORT

Beginning cash balance	\$2,581.12
Income:	410.00
Expenses:	671.71
Ending cash balance:	<u>\$2,319.41</u>

TEST:

The VE Test has moved to 107 Bunnell bldg. on campus @1:00pm
Dec. 2, 1989.

OCT NEW LICENSES OR UPGRADES

BRUCE M CONGLETON	WA4RAJ	GENERAL	ADVANCED
RIP W CURTIS		NO LICENSE	GENERAL
MILTON R DESROCHERS	WL7BRY	TECH	GENERAL
KYLE T FRANKS	NL7OY	GENERAL	ADVANCED
GARALD R HOBBS	WL7ACA	NOVICE	TECH
DONALD L STICHLER	AL7HK	ADVANCED	AMATEUR EXTRA
JOYCE A WORNER	WL7BVK	NOVICE	GENERAL

CLUB OFFICERS

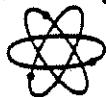
DIANNE MARSHAL AL7FG	Pres	VERONICA (BONNIE) WALLS WL7BFB	Scty
DALE POWELL AL7KB	V Pres	LYNN RICE NL7FT	Treas

EXECUTIVE BOARD

BILLY CONNER AL7FQ	DICK ATTWOOD	KL7B
FRED BROWN KL7CUS	JIM DIXON	NL7HI
STEVE ESTES KL7XO	JOHN LEHMAN	AL7JJ

NEWSLETTER EDITOR

HERB WALLS KL7JLF

<p>SALES</p> <hr/> <p>ALASKA</p>  <p>RADIO</p> <hr/> <p>TED COLLINS Office: 907-456-7865 Home: 907-488-2605</p>	<p>SERVICE</p> <hr/> <p>1896 Marika Road Suite #5 Fairbanks, AK 99709</p>	<p>In Stock:</p> <ul style="list-style-type: none"> ARRL Publications Coax RG 8/11/59 Belden 9913 Larson Antennas Solar Panels NiCad Emergency Lights
<p>Repairs: 25% off regular cost/hour for Hams.</p>		

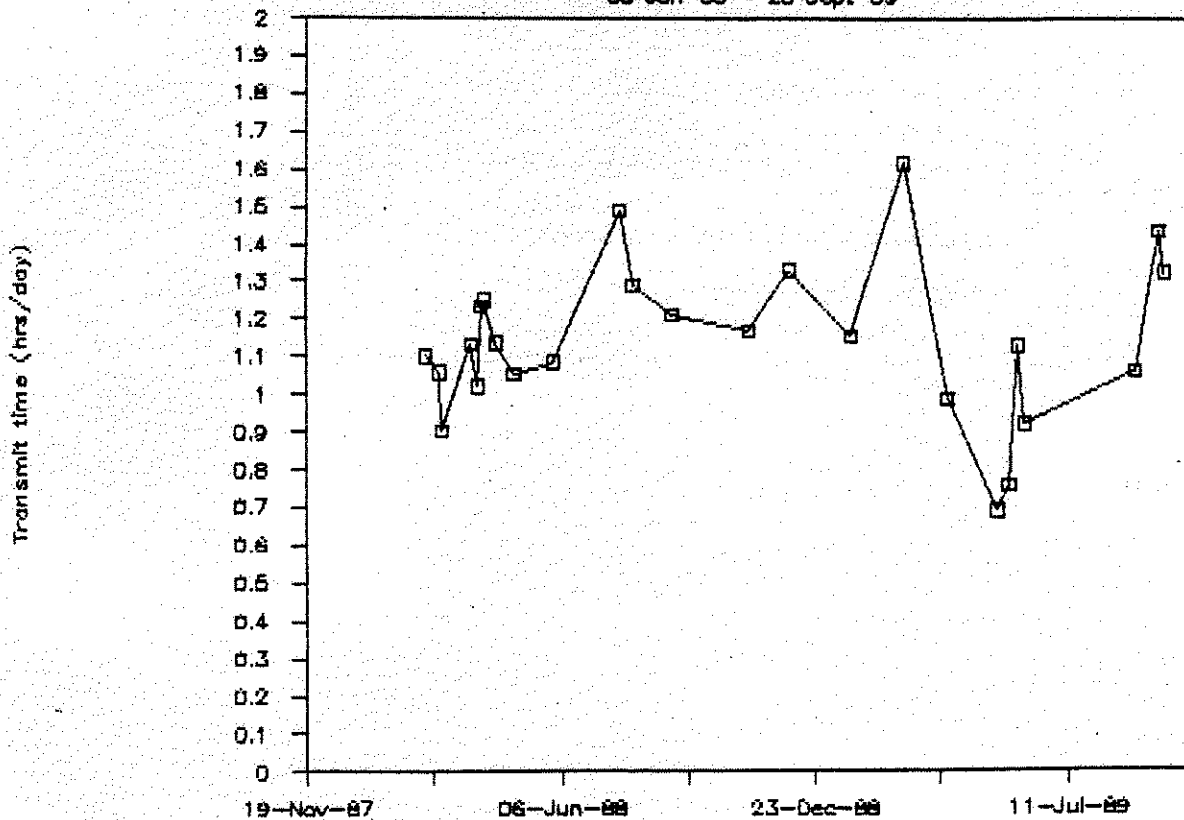
Repeater Report
by Steve Estes, KL7X0

On January 30, 1988 a timer was installed on the Ester Dome 146.28/88 and 223.28/224.88 repeaters. The timer clocks the cumulative number of hours the transmitters are active. This information helps us determine the duty cycle (transmit/receive cycle) of the repeaters. Knowing the duty cycle allows to estimate how long the machine will run on battery if the power fails, assuming normal usage. But, more importantly, gives a measure of load that this machine will contribute to a network of repeaters. It also gives a good estimate of how much power consumption a remote battery powered repeater would use if it were linked into the system.

The accompanying graph of the 20 months of data gathered shows peak (average) usage about 1.61 hours per day between Jan 21 and Mar 4, 1989 (do you suppose the cold spell had anything to do with that?). The average over the 20 month period is 1.16 hours per day. For a total usage of 705 hours.

146.28/88 repeater usage

30 Jan '88 - 25 Sept '89



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

DATE-LINE		COPIES COPIES COPIES
Monday — Friday	7:30AM — 9:00PM	
Saturday	9:00AM — 6:00PM	
Sunday	12:00PM — 6:00PM	
479-3831		
Self Service Typing		
1 hour minimum.....		2.00

Personal Membership Services

Every day, a dedicated and expert headquarters staff handles thousands of letters and countless telephone calls from all over to help individual members with operating, legal and regulatory questions. Two valuable ARRL services — available only to League members — can easily save you more than the cost of your membership: the Outgoing DX QSL Bureau and the League-sponsored equipment insurance program. Universally respected operating awards, a videotape lending library, the opportunity to participate in organized field programs through the Amateur Radio Emergency Service, official appointments and elective office — these and more are all available to individual members.



DETACH

JOIN ARRL!

Name _____ Call _____
 Street _____
 City _____ State _____ ZIP _____
 \$25 in US, \$33 elsewhere (US funds) Licensed amateurs who are age 65 or over upon submitting proof of age may request the dues rate of \$20 in the US, \$28 elsewhere in US funds. Immediate relatives of a member who receives QST and resides at the same address may request family membership at \$2 per year.
 Charge to AMEX, VISA, MC No. _____
 Valid from _____ Valid to _____
 Cardholder Name _____

 Cardholder Signature

ARRL, Box 7009, Stn E, London, ON N5Y 4J9 can provide Canadian membership information. Life membership (\$625 in the US) is available. Please request a formal application from ARRL. Enclosed is \$ _____ (\$1.00 minimum) as a donation to the Legal Research and Resource Fund

If you are joining ARRL for the first time and wish to thank the ARRL affiliated club that introduced you to ARRL, obtain the 4-digit club code from a club member and enter it here _____

SEND TO: ARRL 225 MAIN ST. NEWINGTON, CT 06111

TITW 1 88

ARE YOU 17 OR YOUNGER? ARE YOU THE OLDEST LICENSED AMATEUR IN YOUR HOUSEHOLD? IF YOU CAN ANSWER YES TO BOTH, THEN THESE RATES APPLY TO YOU!

Applicant's Date of Birth _____ Signature _____
 Parent
 Guardian
 Please check the annual membership rate which applies to you
 I am 13 to 17 years of age and the oldest licensed amateur in my household. \$12.50 US.
 I am 12 or younger and the oldest licensed amateur in my household. \$6.25 US.
 List other licensed amateurs in your household.

Name _____ Call _____ Date of Birth _____
 Club commissions and rebates do not apply and family membership is not applicable. Membership is available on a yearly basis only.

ARCTIC AMATEUR RADIO CLUB MEMBERSHIP APPLICATION

LAST NAME _____ FIRST NAME _____ CALL SIGN _____ ARRL Y / N _____
 STREET _____ APT _____
 CITY _____ STATE _____ ZIP _____ Self _____ \$20.00
 RESIDENCE _____ Family _____ \$25.00
 WORK PHONE _____ HOME PHONE _____

PERSONAL INFO

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

HOBBIES other than Ham radio:

RETURN TO SENDER
MIDDLETON ID 83644

DEC 30/89

Joe Voelke
PO Box 130
Middletown ID 83644



Joe Voelke
PF

FAIRBANKS, AK 99708

P O BOX 81389

ARCTIC AMATEUR RADIO CLUB



Merry Christmas and Happy New Year

From All of Us to All of You

