

The Anchorage Amateur Radio Club News Bulletin

August, 1995

Anchorage Amateur Radio Club Newsletter
Editor - Harvey Rookus, NL7DK

Vol. 24, No. 8

Being Prepared for Emergencies: The Red Cross and the Health And Welfare of Alaskans

A presentation by the Anchorage Office
of the Red Cross

August 4th, 1995

7 pm at the Atwood Center on the APU
Campus - Second Floor

Inside

Page 2 Club Info/Calendar

Page 3 Minutes of Board/General Meeting Highway Clean-up 'Radio Engineer'

Page 4 FCC Letter

Page 5 Mobile Noise Reduction (Conclusion)

Page 6 HAMFEST September 30 / October 1, 1995

Page 7 Table Layout and Map to Location of Hamfest

AARC GENERAL MEETINGS are held on the first Friday evening of each month on the 2nd floor of Atwood Center, Alaska Pacific University Campus. The campus is located at 4101 University Drive and Bragaw St. Parking is available in the lot in front of the building. The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone!

AARC BOARD MEETINGS are held on the 2nd Wednesday evening of the month in Room 104 of the Carr Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET The Anchorage area Amateur Radio Emergency Services Net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net control is Lil Marvin, NL7DL and alternate NCS is KL7IO. The Westlink Amateur Radio report, Swap N Shop and the PARKA Net follow the ARES Net on the same frequency.

THE KL7AA REPEATERS sponsored by the club are as follows:

KL7AA 146.94 (-.600) 100.0 or 141.3Hz tone. Anchorage area * + number for patch # to hang up. (5 min time limit)
Patch on 0600 - 2200 daily, 0700 - 2359 Fri/Sat, 0700 - 2200 Sundays. Emergency autodial enables 24 hrs a day. Emergency autodial numbers (10 minute resettable timer)

911 for life or death
912 Anch Police Dispatch
913 AK State Trooper Dispatch

hangs up Emergency numbers also
KL7AA 146.76 (-.600) 141.3HZ tone Mt. Alyeska, and Girdwood areas.

KL7AA 224.94 (-1.6) NO TONE Anchorage area.

KL7AA 444.70 (+5.0) 100.0Hz tone Anchorage area. Patch enabled 24 hour a day. * + number for patch # hangs up patch. (5 minute time limit) Emergency autodial enabled 24 hours a day. (10 minute resettable timer).

911 Life or death
912 Anch Police Dispatch
913 AK State Trooper Dispatch

hangs up Emergency numbers also.

A reminder that not only is using an Amateur phone patch system to bypass the Long Distance carrier illegal, it can also result in the loss of the entire phone patch system. Prefix's outside the Anchorage dialing area are disabled.

The repeater trustee is William Reiter, KL7TIL Doug Dickinson, KL7KX is chairman of the VHF/UHF committee.

KL7AA PACKET OPERATIONS The KL7AA Packet BBS. Callsign of the PBBS is KL7AA-7 (ANCBBS). Callsigns of the multi-frequency switch are KL7AA-8 (AARC), KL7AA-7 & KL7AA-8, and operate on user frequencies of: 145.010 and 147.960 (147.960 is the statewide ADES provided backbone). Linking from 145.050, and 440.050 is provided through multi-frequency switches throughout the city. A landline port is available at 300-9600 Baud, V32.bis compatible. Register w/Sysop Mel Saunders, AL7PB, at 349-4372.

KL7AA operates a high power Node switch on 145.01 from the Rabbit Creek area, with the callsign of KL7AA-1 (Anc), as well as a Node switch on the top of the Arco building in downtown Anchorage, on 145.050 KL7AA-5 (Anc5).

KL7AA also operates an HF Gateway with the callsign of KL7AA-10 (HF80) on 3.605 Mhz. This gateway has access to all local and statewide networks.

The AARC sponsors an Amateur <> Internet Gateway station, NL7NC-9 (AKGATE). This gateway is available from any of the local Node stations on 145.01, 145.05, 440.050, or 147.960.

A reminder that 147.960 is the State sponsored ADES backbone link connecting Fairbanks, Anchorage, Homer, Kodiak, and Juneau together. User access for keyboard to keyboard activity is best accomplished between 1600 and 2200 daily, during this time, the Packet BBS stations will hold off from heavy bulletin forwarding.

ALL PBBS AND USER ACTIVITY IS SECONDARY TO EMERGENCY REQUIREMENTS OF THE ALASKA DIVISION OF EMERGENCY SERVICES (ADES).

CALENDAR

AUGUST

VEC Tests 2ND

AARC Meeting 4th

AARC Board Mtg 9th

SCARC Meeting 11th

VEC Tests 12th

VEC Tests 16th

SEPTEMBER

AARC Meeting 1ST

VEC Tests 6th

SCARC Meeting 8th

VEC Tests 9th

AARC Board Mtg 13th

VEC Tests 20th

NOTE NOTE NOTE

If and when you move please be certain to Notify the Newsletter Editor and the Membership Chairman or you may not get your newsletter.

The Anchorage Amateur Club Radio News Bulletin is the monthly newsletter of the Anchorage Amateur Radio Club. Permission is granted for reproducing articles appearing in the Anchorage Amateur that do not indicate a copyright separate from the Anchorage Amateur Radio Club. Letters to the Editor and articles for publication should be submitted to Harvey Rookus, NL7DK, 3310 Checkmate Drive, Anchorage 99508. Telephone number (907) 333-4693. Articles and Notices for the paper should be typewritten or on IBM compatible formatted computer disks (5.25 or 3.5 inch). Graphic illustrations for articles are also welcome. Deadline is the 20th of each month.

From the Board Meeting by Susan Woods NL7NN

The Board met on July 12th at APU at 7 pm. However we did not have a quorum so could not transact any formal business. We discussed many things and topics none of which will show up in the light of day. We finally quit talking about 8:30 pm and all went home. Better luck next month!!

HIGHWAY CLEAN-UP

The Second Clean-up on the Potters Marsh portion of the Seward Highway took place on July 15, 1995. There was not a huge crowd in attendance, maybe some of you went to the Motley Picnic. That's ok too. The public seems to have helped abit, because the take was fairly small this time. Those who worked on the project were first and foremost: Arlene-KL7HO; Harley-KL7IZZ; followed by: Dave-WL7CDJ; Bill-KL7GM, with daughter-in-law Karen; Mike-KL7DZE; Harvey-NL7DK; Fred-KL7VC; Jana-NL7WV and Joan-WL7IB. A good time was had by all and many thanks to HO/IZZ for the goodies afterward. The prize was a bicycle plus rack found by Mike-KL7DZE. Thanks buys and gals from KL7HO and KL7IZZ.

The following from Harold Hitchens-KL7PG

This is from a long time Attorney friend who practiced Communications Law in Washington, D.C. some 40+ years ago.

"Justice Cordozo, in speaking of a settled rule of law he was about to overthrow, once observed, for the benefit of the losing lawyer, no doubt: "Certainly is illusion". As you can see, we lawyers can never be sure. I have therefor always envied the engineers their exact science. At least until a local consultant sent me his message as follows:

A RADIO ENGINEER is a person

who passes as an exacting expert on the basis of being able to turn out with prolific fortitude infinite strings of incomprehensible formula calculated with micromatic precision from vague assumptions which are based on debatable figures taken from inconclusive experiments carried out with instruments of doubtful reliability and questionable mentality for the avowed purpose of annoying and confounding a hopelessly chimerical group of esoteric fanatics referred to altogether too frequently as PRACTICAL RADIOMEN." (You might well substitute "RADIO AMATEURS" for the 'PRACTICAL RADIOMEN') -- Thanks Harold

AARC

HAMFEST/FLEA MARKET

September 30th and October

1st

Saturday 10 am to 6 pm

Sunday 8 am to 3 pm

KINCAID PARK

ANCHORAGE

VEC TESTING

GOOD TIMES & FUN

General Meeting as seen by

- Harvey - NL7DK

We saw a very good job of 'Ad Libbing', performed by Gerianne-WL7RY, on July 7th 1995. By virtue of there being no Pez or VP, as Activities Manager, she became the top-dog of the AARC.

Gerianne did a great job with the entire program. We heard from 'Bootstraps of America', the fine job they are doing to get people off of welfare by 'helping people to help themselves.' We also heard what their needs are. The board will look into that portion. A short break was taken for refreshments and ticket buyers.

Then Gerianne introduced the Guest Speaker: "Gerianne-WL7RY. She gave us a fine presentation of 'How a net is set up for an event'; who sets up these nets, and the many benefits that are derived from the Ham community for the sponsors of the many events helped.

Then there was a short talk on the possibility of expanding the Activity Manager's job to include several other people who be under the supervision of the Activity Manager. this would take lots of the pressure off of the one person now doing the job.

Last, but not least, was the drawing for the door prizes.

My final comment! Gerianne deserves a great round of applause for the fine job she did at the July meeting. THANKS! GERRIANNE
Editor

FEDERAL COMMUNICATIONS COMMISSION**Compliance and Information Bureau****2203 N. Lois Ave., Suite 1215****Tampa, FL 33607****June 13, 1995**

Anchorage Amateur Radio Club
2628 Turnagain Parkway
Anchorage, AK 99517

Gentlemen:

The Federal Communications Commission (FCC) alone receives approximately 30,000 complaints per year of interference to home electronic equipment. Since it is not feasible for the Commission to attempt to resolve these complaints, it is our policy not to investigate interference to home electronic equipment. Likewise, we do not offer any protection from interference.

Interference to home electronic equipment is a major problem in the United States that the FCC must deal with in order for us to ensure communications excellence for the American Public. We are looking into the possibility of having the private sector become involved in resolving these interference problems. The Tampa Office of the FCC's Compliance and Information Bureau is undertaking a pilot project to determine the feasibility of such a program. We are now in the planning stages of the program and would appreciate your input. An overview of our initial thoughts is provided below:

PROPOSED PLAN:

1. We would solicit participation from local Electronic Repair Service organizations.
2. Training would be provided for resolving these kinds of interference problems. Training could come from the FCC, manufacturers, or industry associations, etc. Once a training course has been completed, the service shop could then be certified as qualified to provide interference protection to electronic equipment.
3. The FCC would include a list of qualified technicians with the self-help information we currently mail out in response to interference complaints.
4. As part of the program, if the service shop determined the interference could not be resolved by filtering and was caused by a violation of FCC Rules and Regulations, specific information would be provided to the FCC by the service shop. The FCC would then investigate the perpetrator.

If you would be interested in such a program or have any comments or recommendations for implementing such a program, please contact the FCC's Tampa Office. Please respond to the Federal Communications Commission, Compliance & Information Bureau, 2203 N. Lois Ave., Suite 1215, Tampa, FL 33607. Our phone number is (813) 348-1508, and our fax number is (813) 348-1581. FCC contacts for this program are Carol S. Johnson and Ralph M. Barlow.

Sincerely,

Carol S. Johnson
Carol S. Johnson
Public Affairs Specialist

power lead on the top of the terminals with a sheet metal screw. This will

Click the mouse to the radio quite a bit. The sound insulation from the inside of the firewall is held on most cars with rubber things like a big bolt. They are pushed through the insulation from the inside of the car and can be seen in the engine compartment. They are about 3/8 inch in diameter and are hollow. They have holes in them just the size of RC-35. Just cut the end off one in the engine compartment and run the coat through it. Looking that next feature, you can usually get a line through almost the firewall connector. If you can't find a cooperative connector it's time to get the drill and rubber grommet out. All that work may leave a lot of aluminum white. Since it's an AC source that has to be rectified, the way to eliminate the AC hum is the same as with any power supply. Get a large toroid core and wind through it the wire that goes from the alternator to the battery. That should do it. Eventually the rain will come, along with more noise.

When you turn on the windshield wiper! The cure for that noise is feed-through capacitors, all metal, about two inches long and an inch in diameter. Get the kind that have screw terminals on the ends and a lug on the side to attach the lead. They are usually 1/4 mF or 1/2 mF and the power goes through them. They will handle 20A or so. One of these will have to be in each power line to the wiper and probably the ground line too. If it goes back to the switch like mine did. Scrape the paint from beneath them

There are two main types of capacitors used in electronic circuits: electrolytic and ceramic. Electrolytic capacitors are used for power supply filtering and coupling in audio amplifiers. Ceramic capacitors are used for timing circuits and decoupling in digital logic circuits. Both types of capacitors are available in a wide range of values and voltages. When selecting a capacitor, it is important to consider the operating voltage, the tolerance, and the temperature coefficient. Electrolytic capacitors are polarized, meaning they have a positive and negative terminal. Ceramic capacitors are non-polarized and can be connected in either direction. Capacitors are also available in surface-mount technology (SMT) and through-hole technology (THT). SMT capacitors are smaller and more compact than THT capacitors, making them ideal for use in high-density electronic assemblies. THT capacitors are easier to solder and repair, making them a popular choice for prototyping and low-volume production. In summary, capacitors are essential components in electronic circuits, and understanding their different types and applications is crucial for designing and building reliable electronic systems.

Sometimes in dry weather you will hear static build up acting to the

round from the tree. You can, with luck, get coal dust or powder to put in the foot wheel hubcaps to ground them to the axle, and conductive powder to put in the tires to help ground them, or you could drag a ground strap. That would do it. If it doesn't, then go bicycle mobile!!

Notice !!

Don't forget to
Send a change of

Address when you move!
It costs the Club 32cents
when you don't. Last mail
pickup cost \$2.44 for
postage. Tnx - Editor!

ANCHORAGE AMATEUR RADIO CLUB'S
HAMFEST 1995

*** * * DATE * * ***

SEPTEMBER 30 & OCTOBER 1

*** * * TIME * * ***

SATURDAY: 10 AM TO 6 PM

SUNDAY: 8 AM TO 3 PM

SETUP: SAT. 8 TO 10 AM

CLEAN UP: SUN 3 PM TO 6 PM

*** * * WHERE * * ***

KINCAID PARK "OUTDOOR CENTER"

*** * HOW TO GET TO HAMFEST * ***

**GO 5 MILES WEST OF MINNESOTA AND RASPBERRY
TO THE WEST END OF RASPBERRY**

******* FLEA MARKET *******

******* V.E.C. TESTING *******

******* GOOD TIMES *******

******* FRIENDSHIP *******

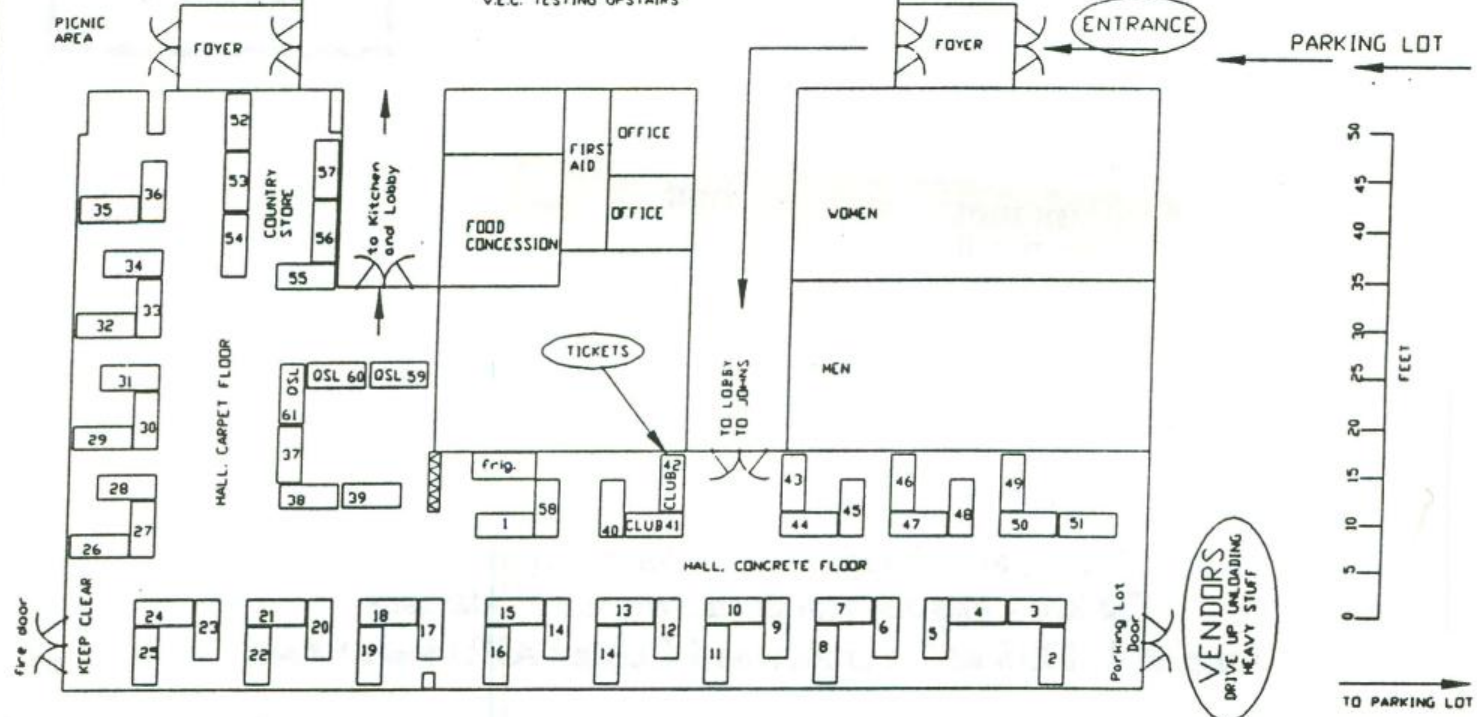
**FOOD AVAILABLE, PLENTY OF OUTDOORS, MAYBE MOOSE,
SPECTACULAR ALASKAN VIEW OVERLOOKING FIRE ISLAND
MT. SUSITNA AND COOK INLET, BEST H.F. MOBILE SITE!
TALK-IN FREQUENCY 146.94, 147.30 AND 146.52 (simplex).**

*** OPEN TO THE PUBLIC ***

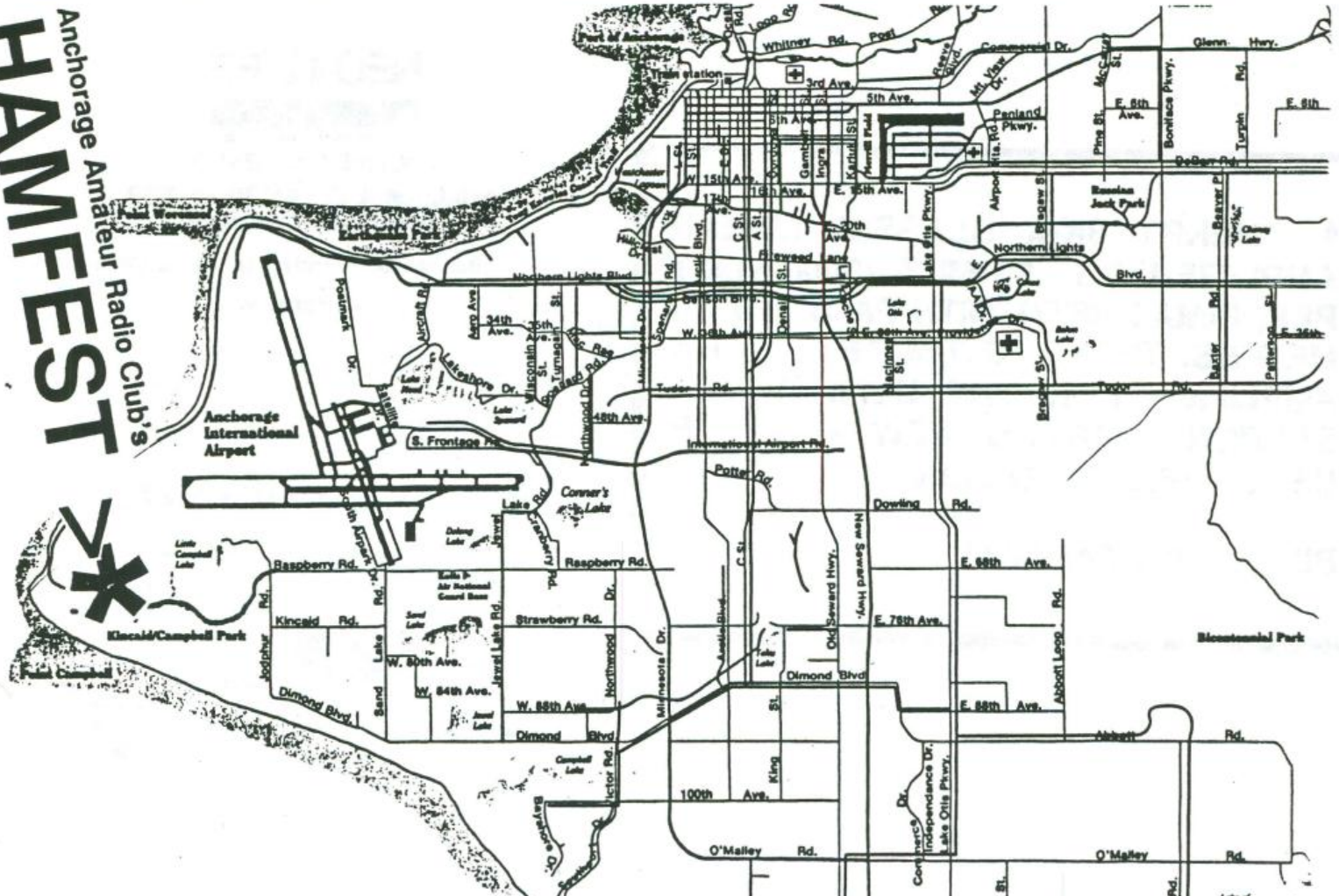
VIEW OF OCEAN, FIRE ISLAND, MOUNTAINS, MOOSE, ETC.

A.A.R.C. HAMFEST '95 KINCAID PARK

SEPT. 30 AND OCT. 1, 1995 WEST END OF RASPBERRY ROAD
60 TABLES AVAILABLE. PLEASE, NO MORE THAN 3 TO A PERSON.
AVAILABILITY ON FIRST COME FIRST SERVED BASIS. CALL: ROB
WILSON, 907-248-0976 FOR RESERVATIONS (AL7KX).
* SETUP - SEPT. 30, 8 TO 10 AM
* REMOVE - OCT. 1, 3 TO 5 PM
* CLEANUP - OCT. 1, 4 TO 6 PM



ANCHORAGE AMATEUR RADIO CLUB'S HAMFEST



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**Program: Being Prepared For Emergencies
The Red Cross and Health and Welfare of Alaskans
August 4, 1995 at 7 pm Atwood Center APU Second Floor**

• **HENRY 3K-X CLASSIC LINEAR
AMPLIFIER, 3.5 - 30 MHZ. (3000 WATT
PEP, EIMAC 8877) WITH FACTORY 10
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AMPLIFIER FOR THE ULTIMATE DX
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