

The Anchorage Amateur Radio Club News Bulletin

July, 1995

Anchorage Amateur Radio Club Newsletter
Editor - Harvey Rookus, NL7DK

Vol. 24, No. 7

Community Service - Amateur Radio Making A Difference in Local Events

- ◆ What events do we participate in...
- ◆ What do we actually do....
- ◆ How do you organize a net for a race or event....
- ◆ Alaska Pacific University - Atwood Center, 2nd Floor
- ◆ Friday July 7th, 7 p.m.
- ◆ Guests are Welcome!

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From The General Minutes

By: NL7NN, Susan Woods

The General meeting of the Anchorage Amateur Radio Club was held on the 2nd of June 1995 as Vice President Mel Saunders AL7PB brought the meeting to order at 7:10 PM. Introductions were made. Roger Hansen KL7HFQ announced that there would be no VE Testing this month as the VFW was holding a 50th anniversary of its founding. When time comes for testing, please bring a good copy of your FCC license not one that has been worn out or badly battered. John Lawson NL7NC, stated that there was \$1600 in the checking account; we received \$8300 from Boniface Bingo, Inc. for May; \$21000 in the Gaming account; and there is \$21000 in the Life member account. We are taking care of some problems with the IRS. That concludes the Treasurer's report.

Martha Ogren KL7KL has received a \$1000 grant from the AARC to be used for building a Ham station at Gladys Wood Elementary school, where she teaches. The total expenditure came to \$1006.35, the \$6.35 being picked up by the School District. She obtained an Alinco 12000T, a packet set up as well as HF. Things are really moving along.

Merle Beller AL7LD, our current Gaming chairman, will be leaving the State in July. John Lawson NL7NC stated that he would be willing to take over that job, but he can not be the Treasurer at the same time. So we are looking for a new Treasurer. Field Day will be a cooperative effort between the South Central Amateur Radio Club and the AARC. It will be held at the Chalet on the south side of Six Mile Lake at Elmendorf AFB. AARC is supplying the paper products as well as the meat. Friends of Pets are having a Dog-Jog on July 8th and are in need of some Hams to help. Contact John Bury KL7QZ 349-8754 or Susan NL7NN 243-5833 if you can help.

AARC's Hamfest/Fleamarket will be held September 30/October 1st 1995 at Kincaid Chalet. A Raffle was discussed and a motion was made by Gerianne WL7RY and seconded by Gene KL7GID to have a Computer and two Radios be the Prizes. Was passed by the membership.

After a break the guests at the meeting were: Bob Stewart - Anchorage Emergency Coordinator, Harvey Rookus Stand-in for Lil NI7DL for ARES, and Gene Mockerman - KL7GID for Alaska Division of Emergency Services. The program consisted of a panel discussion of how all of the Emergency Services work together whenever an Emergency strikes. Many questions were asked and answered regarding the coordination involved. Smoke has cleared between Hams and ADES. Bob Stewart is in Charge of EOC during any Emergency. ARES HQ is at EOC. EOC hopes to move to second floor of Anchorage Police Department with radios in place ready to use. Emergency communications and services are needed for approx the first 72 hours after any disaster. An Exercise Drill will take

place on August 15 and will be a Mass Casualty Earthquake Drill. It was stated that unorganized volunteers cannot be used. The program was well received. Meeting adjourned at 9:12 PM.

Calendar

JULY

VEC Testing 5th

AARC Meeting 7th

VEC Testing 8th

AARC Board Meeting 12th

SCARC Meeting 14th

MOTLEY Picnic 15th/16th
Byers Lake

VEC Testing 19th

AUGUST

VEC Testing 2nd

AARC Meeting 4th

AARC Board Meeting 9th

SCARC Meeting 11th

VEC Testing 12th

SEPTEMBER

HAMFEST/FLEA MARKET
15TH/OCT 1ST

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From the Board Meeting by Susan Woods NL7NN

Board Meeting of the Anchorage Amateur Radio Club was held on 14th of June 1995 at APU. Meeting came to order at 7:02 PM. Present were Rob - AL7BB Prez, Mel-AL7PB Vice Prez, Susan-NL7NN Secretary, John-NL7NC Treasurer, Gerianne-WL7RY Activities Manager, 3 year board members Billy-AL7BB, Simon-NL7VR; 1 year board members Lil-NL7DL, Diane-NL7KN, Paul-WL7BF. Also in attendance were Roger-KL7HFQ VEC Manager and Doug-KL7IKX VHF Manager.

Hamfest was talked about in detail. Would overnight camping be available for those from outside the area? MOA was renting us the building for \$610 + 5% of gross or Net? Pete Hallgrimson-NL7YH is our new Membership chairman. He will take over from Lance-AL7BK.

Gerianne's program for July will be about events we as Hams participate in and how they are set up.

The Motley Picnic will be held at Byers Lake, Mile 147 Parks Hwy July 14/15 and 16. The Bush Net Picnic was June 17th at Nancy Lake. AARC received \$8000 from Boniface Bingo and things are picking up.

The board is looking into someone for the Gaming Chairman and/or the Treasurer. Several are being considered. Motion to transfer \$5000 from Gaming to Checking made by WL7BF - Paul, seconded by KL7TTI - Bill. Unanimous approval.

Discussion of Raffle Money. Of \$3000 set aside, \$750 for Flea Market door prize. \$2250 for Prizes for Christmas Raffle. 3500 tickets to printed for Christmas Raffle. Not certain about prizes yet. WL7RY will be next years Race Director for the Women's Run.

Board is working on problems with Activity Managers job to make it more attractive so as to entice more people to work at the job.

Nate Smith - KL7DJE is requesting some funds etc. Repeater on 147.00 will soon go away. New repeater will be 149.09/69. Nate needs help with duplexers and repeater. More info is needed before the board can act. Meeting adjourned at 8:35 PM

Respectfully submitted by Susan Woods NL7NN AARC Secretary

Silent Key

Andrew Joseph Soltis 18 years of age became a Silent Key on June 16, 1995, at Lake Lucille in Wasilla, Alaska in a canoeing accident. Andrew was born in Chugiak June 3, 1977. He attended Chugiak High School. He was a UAA student studying for his Aviation Powerplant Mechanics license.

He was new to the Amateur community and had volunteered to help with communications during Fur Rendezvous.

Andrew was survived by his fiancée, Alisha Wilson; infant daughter, Brooke Skyler and his parents, Francis KL7UQ and Debbie, also an Amateur Radio Operator; and many other family members.

Memorial donations to an education fund for Brooke may be sent to: Brooke Skyler, care of: Francis Soltis-KL7UQ, POB 670670, Chugiak, AK 99567

Mobile Noise Reduction

LAWRENCE EARL KG7DL

Did you ever put an HF rig in a car with great expectations, only to find that when the motor was running all you could hear was the motor? Well, join the crowd. The first time I did that was in a 1969 Datsun pickup. The noise level was S9. My next was a Ford Courier pickup, the noise level was S7. So I was forced to learn something about noise reduction whether I really wanted to or not. I did have the benefit of the Navy's noise training, as one of the country's leading experts on electrical noise came to the base where I was working and gave a course on noise suppression.

The average mobile installation is a VHF rig on FM. Almost all man-made noise is AM, so a good FM rig will not respond to the noise a car is putting out and you will never know it is there. But sideband is an AM mode and is susceptible to noise.

The first thing you will hear is the ignition, then the alternator whine, and the rest of the noise will generally be covered up by whatever is the loudest, usually the ignition. That's the popping you hear that is in time with the engine speed.

Noise is funny stuff in that it works somewhat like static electricity; it doesn't go anywhere. you can rub the center of a big sheet of plastic and go over it with a static voltmeter and the voltage will be in the center where you rubbed it, not on the edges or anywhere else. Noise voltage isn't quite like that, but it is peculiar. For instance, you can start the motor and listen for awhile, then go out and raise the hood. If the noise doesn't increase a whole bunch it means the hood isn't doing much of a shielding job. So then you ground the hood and it gets worse! It's entirely possible.

If the hood isn't well grounded the ignition will induce circulating currents in the sheet metal of the hood, which will radiate. When you ground the hood it provides a ground return path for the noise current (cont. on Pg 5)

For Sale-Wanted-Misc

FOR SALE

MFJ 949C Deluxe Versa Multi-band
Tuner II
Kenwood HF Transceiver TS-140 S
RS-20A Astron (Model RS/VS20) 240
ICS-50% duty cycle
B-1016 Mirage Freq 2 M 10W - 160W
Amplifier
Antenna Tree mount w/ x ft coax,
white w/connectors. \$600
Call Jim Foster at 376-5134 Wasilla

FOR SALE

Henry 3K-X Classic Linear Amplifier
with Factory 10 Meters. The Ultimate
Amplifier
Photovoltaics (ARCO), New in
unopened Factory carton.
Call Bill AL7IG 243-0433

VEC TEST RESULTS

CALL	FROM	TO
WL7PT	TECHNICIAN NO LICENSE	TECH PLUS TECHNICIAN
WL7PV	TECH PLUS	GENERAL
WL7ES	ADVANCED NO LICENSE NO LICENSE NO LICENSE NO LICENSE NO LICENSE NO LICENSE NO LICENSE	AMATEUR EXTRA TECHNICIAN TECHNICIAN TECHNICIAN PLUS TECHNICIAN TECHNICIAN TECHNICIAN TECHNICIAN
W9CNS	GENERAL NO LICENSE	ADVANCED ADVANCED
AL7QC	ADVANCED NO LICENSE NO LICENSE NO LICENSE	AMATEUR EXTRA TECHNICIAN TECHNICIAN TECHNICIAN
WL7MA	ADVANCED	AMATEUR EXTRA
WL7IH	TECHNICIAN	GENERAL
WL7CKW	TECHNICIAN NO LICENSE	TECH PLUS TECHNICIAN
WL7XY	NO LICENSE TECHNICIAN	TECHNICIAN TECH PLUS
NL7XH	TECHNICIAN	TECH PLUS
WL7KE	TECHNICIAN	GENERAL
WL7KR	TECH PLUS	GENERAL
AL7PP	ADVANCED	AMATEUR EXTRA
WL7JG	ADVANCED NO LICENSE	AMATEUR EXTRA TECHNICIAN
WL7IP	TECHNICIAN NO LICENSE	TECH PLUS TECH PLUS
WL7CLK	TECHNICIAN	TECH PLUS
WL7CLK	TECH PLUS	GENERAL
KB9EDE	TECHNICIAN NO LICENSE	TECH PLUS NOVICE
WL7TX	TECHNICIAN NO LICENSE	TECH PLUS TECHNICIAN
WL7CMQ	TECHNICIAN	TECHNICIAN
WL7BKB	NOVICE	TECHNICIAN
W6LEZ	TECHNICIAN	TECH PLUS
WL7QD	GENERAL NO LICENSE	ADVANCED TECHNICIAN
WL7FK	NO LICENSE TECHNICIAN	TECHNICIAN GENERAL
WL7DU	ADVANCED NO LICENSE NO LICENSE	AMATEUR EXTRA NOVICE TECH PLUS
WL7IA	TECH PLUS NO LICENSE NO LICENSE NO LICENSE	GENERAL TECH PLUS GENERAL TECHNICIAN

BALANCE SHEET

As of 6/03/95

Account	Balance
ASSETS	
CURRENT ASSETS	
AARC Gaming-	20,862.04
AARC Holding-	308.21
Business Acct-	1,424.61
TOTAL CURRENT ASSETS	22,664.86
FIXED ASSETS	
Life Members-	20,586.47
SBS FMA Bond-	5,348.55
TOTAL FIXED ASSETS	25,935.02
TOTAL ASSETS	48,599.88
LIABILITIES	
CURRENT LIABILITIES	
Payables-A/P Account	2,668.29
TTL CURRENT LIABILITIES	2,668.29
TOTAL LIABILITIES	2,668.29
EQUITY	
EQUITY ACCOUNTS	
Open Bal Eqty	53,695.01
TOTAL EQUITY ACCTS	53,695.01
CURRENT EARNINGS	-7,763.42
TOTAL EQUITY	45,931.59
TOTAL LIABILITIES AND EQUITY	48,599.88

VEC TEST RESULTS (continued)

AUSTIN L. MEYER		NO LICENSE	TECHNICIAN
BEN W. RATKY		NO LICENSE	TECHNICIAN
TERRY M. SHEDD	WL7SJ	TECHNICIAN	TECH PLUS
JEFFREY A. SHEEHAN (15)		NO LICENSE	TECHNICIAN
DAVID A. SILVA		NO LICENSE	TECHNICIAN
PALMER			
PETERSBURG			
SOLDOTNA			
TRAPPER CREEK			
VALDEZ			
WASILLA			
DAWN E. DEISER		NO LICENSE	TECHNICIAN
WILLOW			
EARNEST L. SANDIDGE SR.	WL7ES	TECH PLUS	GENERAL

NOTE (TECHNICIAN = NO CODE TECHNICIAN)

(TECHNICIAN PLUS = TECHNICIAN WITH H.F. PRIVILEGES)

submitted by Roger Hansen, KL7HFQ, VEC Director

FIELD DAY 1995

I dropped by Field Day for only an hour on Saturday, but it appeared to be well in hand. I saw at least 3 HF, 1 pkt, and 1 satellite station. I know there were others. Everyone looked well fed as it was mid afternoon. I was told the fridge was full of chicken and etc. I counted 25 bodies when I was there and I am sure more showed as time marched on. There was also testing with several passing. The bands weren't too good in mid-afternoon, but I understand there was a pile-up to Alaska on 40 meters. I'm sure a good time was had by all. Editor - NL7DK

Mobile Noise Reduction (continued from page 3)

through a rather small ground wire. The current density in that wire can be quite high, which can result in the hood acquiring the characteristic of a knob on top of an antenna; then the hood, and particularly the ground wire, will radiate. As this radiation effect may occur only in some cases, a good rule of thumb is to ground the hood.

My favorite grounding material is half-inch braid. I bought a whole roll of the stuff one time. I use a 300W soldering iron and tin the end edge to

start with. I use a soldering iron instead of a torch, as I discovered the torch I use will oxidize the metal before it gets hot enough to tin. Then I use a punch to poke a hole through the braid immediately in back of the tinning, making the hole big enough to take the screw that will be going through it. Then I tin the rest of the braid to about an inch above the hole. I make a few technical adjustments on the tinned end with a hammer to ensure that it's flat. Now I have about two inches of the end of the braid tinned with a hole through it. Do this to both ends of the braid, and don't forget to make it long enough.

I use large short screws which can be installed with a socket wrench. Scraping the paint from around the hole I back the screw with a large washer, insert the screw through the ground strap, and add a star-washer before inserting the screw into the hole. The star-washer bites into the metal in several places and gives a much better ground. Every once in awhile I give the grounds a squirt of CRC, LPS, or WD40.

Editor's Note - This should keep you busy until next month when we will finish this fine article. Taken from WORLD Radio January 1993.

FOR SALE

Kenwood TR751A, 2 Mtr Multimode Mobile w/mike, mount and tone encoder. Power Supply needs repair. \$300

Kenwood TH205A, 2 Mtr Handheld, PB-12, 5 watt Battery, Wall Charger & Softcase \$125

Kenwood TH21A, 2 Mtr Handheld. Two PB-21, one watt batteries & Wall Charger \$50

Astron 7 Amp Power Supply \$40

AEA PK 232 MBX TNC, manuals & software. \$125

Butternut HF6VX 10-80 M w/WARC Bands & extra 30 mtr loading coil. \$50
Contact Richard Mote AL7MO at 248-9191 Evenings & Weekends

FOR SALE

Yaesu FT-747GX HF Transceiver, 160-10 m includes WARC Bands

Yaesu FP-757GX Switching Power Supply

Heathkit HW-8 HF Transceiver, 80, 40, 20, 15 m, CW only including power supply.

RF Concepts RFC-2-23 2 m Amplifier (2 in and 30 out)

Larsen Kulrod NMO-220 Antenna with coil.

Call Ed NL7VP 243-4348 evenings or 271-2686 daytime

FOR SALE

ICOM 725 All Solidstate General Coverage Transceiver. MARS modified. New Condition \$625

Contact KL7YF or NL7DL 277-6741

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