

# Anchorage Amateur Radio Club

## GENERAL MEETING ON April 6th

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#### Officers

**President** Randy Vallee, AL7PJ  
**Vice President** Jim Larsen, AL7FS  
**Secretary** Keith Clark, WL7CSR  
**Treasurer** Richard Block, KL7RLB  
**Trustee** Jim Feaster, KL7KB  
**Activities Chairman** TJ Sheffield, KL7TS  
**News Letter Editor** Edythe Lynn KL7EL  
**Membership Chairman** Fred Erickson KL7VC  
**Past President** John Lynn, KL7CY

#### Three Year Board Members

Bruce McCormick WL7YR  
 Mike Borer, WL7CKB  
 David Stevens KL7EB

#### One Year Board Members

Hannelore Kelliher, NL7EA  
 Mark Kelliher, KL7TQ  
 Jim Tvrdy, KL7CDG  
 Bill Reiter, KL7ITI  
 Frank Pratt, KL7FSE  
 Rob Smith, AL7ML

#### Nets in Alaska:

The following nets are active in South-central Alaska:  
 Alaska Sniper's Net 3.920 MHz 6:00 PM daily  
 Alaska Bush Net 7.093 MHz 8:00 PM daily  
 Alaska Motley Net 3.933 MHz 9:00 PM daily  
 Alaska Pacific Net 14.292 MHz 8:00 AM M-F  
 QCWA net 146.97/.37 repeater Sundays 8:00 PM local  
 850 No Name Net 146.85/.25 repeater Sundays 8:00 PM  
 Son of Sideband Net 144.20 USB Mondays 9:00 PM local  
 Big City Simplex Net 146.520 FM Tuesdays 8:00 PM local  
 ARES net 147.30/.90 repeater Thursdays at 8:00 PM local  
 PARKA net 147.30/.90 repeater Thursdays at 9:00 PM local

#### Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft  
 146.94/34 MHz, 80 watts, autopatch, 100/141.3 Hz PL  
 223.34/224.94, 25 watts, no patch, no PL  
444.70/449.70, 25 watts, autopatch, 100/141.3 PL  
 KL7CC, Anchorage Hillside, SCRC & QCWA  
146.97/.37 MHz, 30 watts, autopatch, 103.5 Hz PL  
 KL7M Anchorage Hillside  
147.21/.81 MHz, Iphone, no PL  
 KL7ION at Mt. Gordon Lyon 3,940 ft  
147.30/90, MHz - 80 watts, no patch, no PL  
 KL7AIR Elmendorf, EARS  
146.67/.07, 107.2 Hz PL  
 KL7DJE at Grubstake Peak, 4,500 ft.  
 147.09/.69 MHz, 25 watts, no patch, 100 Hz PL  
444.925/449.925, 10 watts, no patch, 141.3 Hz PL  
 KL7JFU, KGB road, MARA club  
146.85/.25, autopatch, no PL  
 KL7DOB, Wasilla near armory  
146.64/.04, simplex patch, no PL  
 KL7AA, Mt. Alyeska, 2,400 ft.  
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

#### AARC web page & Email contact addresses

Homepage: <http://home.gci.net/~lawson/>  
 Email Reflector: KL7AA@QTH.NET  
 Webmaster: lawson@gci.net  
 President: vallee@gci.net  
 Membership: frederickson@iname.com  
 Newsletter: kl7el@arrl.net

#### News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting  
 Email: [KL7EL@arrl.net](mailto:KL7EL@arrl.net) Facsimile: 907-338-4791  
 Mail: 7013 Trafford Ave. Anchorage 99504

#### KL7G CODE PRACTICE SCHEDULE

Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm  
 AK time, every day Frequencies: 3575 kHz, 7075 kHz &  
 145.35 MHz: Sending Speeds: 7 wpm

#### South Central Area Simplex Frequencies

146.52 Mhz Calling and Emergency frequency  
 147.57 / 447.57 (crossband linked) HF spotters & chat  
 146.49 Mhz Anchorage area simplex chat  
 146.43 MHz Mat Valley simplex chat  
 147.42MHz Peninsula simplex chat



~~~ **HOT LINKS** ~~~

Internet Web links, the favorites from our readers

AARC <http://home.gci.net/~lawson/>

SCRC <http://www.KL7G.org>

EARS <http://www.qsl.net/k17air>

MARA <http://www.obarr.net/mara/>

Moose Horn ARC <http://www.alaksa.net/~k17fg>

ARES <http://www.qsl.net/alaskaares>

KL7J <http://www.alaska.net/~buchholz>

Fairbanks AARC: <http://www.k17kc.com/>

Yukon Amateur Radio Association:

<http://www.klondike.com/yara/index.html>

HAARP Project:

<http://server5550.itd.nrl.navy.mil/projects/haarp/>

<<Amateur Radio Reference Library>>

<http://www.area-ham.org/library/libindex.html>

Hamradio: <http://www.hamrad.com/>

Solar Terrestrial Activity <http://209.130.27.95/solar/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

*Please let us know if there are other clubs pages or good starting points that should appear here*

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**ABACUS RADIO REPAIR**

**Factory authorized service for: Kenwood, Yaesu, Alinco,  
Amateur radio equipment.**

**Call Jim Wiley, KL7CC (907) 338-0662**

**Regular HAM Gatherings:**

**\*Lunch Tuesdays, 11:30 AM to 1:00 PM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway.

**Breakfast Saturdays, 7:30 AM:** Here is a great way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

**THIS MONTH'S EVENTS**

**April 3rd: EARS general meeting at 7:00 PM** 1<sup>st</sup> Tuesday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67/.07 repeater.

**April 4th: VE License Exam 6:30 PM,** 1<sup>st</sup> Wednesday of the month at the Hope Cottage offices, 540 W International. Bring photo ID, copy of license (if any) and any certificates of completion.

**April 6th: AARC general meeting at 7:00 PM** 1<sup>st</sup> Friday of the month in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.300.

**April 10th: AARC Board meeting at 7:00 PM** 2<sup>nd</sup> Tuesday of the month at **Hope Cottage** 540 W. International.

**April 13th: SCRC meeting at 7:00 PM** the 2<sup>nd</sup> Friday of the month at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

**April 14th: VE License Exams at 2:00 PM.** 2<sup>nd</sup> Saturday of the month at Hope Cottage 540 W. International. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

**April 12<sup>th</sup> & 26th: Moosehorn ARC general meeting at 7:00 PM** every other Thursday in the Soldotna Borough Offices on North Binkley. Talk in on 146.88 repeater or 147.42 simplex.

**April 21st: ARES General meeting 9:30 AM to 12:00 PM.** 3<sup>rd</sup> Saturday of the month. Will be held at Alyeska Building on Bragaw Street.

**April 21st: PARKA Meeting at 11:00 AM.** 3<sup>rd</sup> Saturday of the month at Peggy's, across from Merrill Field

**April 27th: MARA meeting at 7PM** the last Friday of the month at the MTA Business Office in Palmer.

**April 28<sup>th</sup>: QCWA monthly luncheon:** 11:30 AM, Royal Fork restaurant, Old Seward Hwy about ½ mile south of Dimond Blvd.

**Approximately April 25th: LEO Society:** Basic Satellite primer

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**Calendar of up coming Events**

Gold Nugget Triathlon, Sunday, 20 May 2001, 0900-?

Location: Anchorage Contact: Paul Spatzek  
@[paul.spatzek@acsalaska.net]?

Girl Scout Camp, Friday and Saturday, 15-16 June 2001,  
Location: Alaska State Fairgrounds Contact?

Mayor's Marathon, Saturday, 23 June 0800-1800 Location:  
Anchorage Contact: John Lynn @[johnlynn@gci.net]

Field day setup Friday, 22 June 2001 Location? Contact: Jim Wiley @[jwiley@alaska.net]

Field Day, Saturday and Sunday, 23-24 June 2001 Location?  
Contact: Jim Wiley @[jwiley@alaska.net]

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## **Anchorage Amateur Radio Club Board Meeting, March 13, 2001**

There were ten (10) people in attendance. The meeting opened at 7:02 p.m. and ended at 9:12 p.m.

### **Health and Welfare:**

No news is good news.

Treasurer Richard Block, KL7RLB, was out of town but sent a written report with Vice President Jim Larsen, AL7FS. All the bills are paid, and there are no matters of concern.

The Board was presented information for a homework assignment regarding the implementation of well defined grant policy. It will be discussed at the next Board meeting after all Board members have had the opportunity for review and comment.

Membership Chair, Fred Erickson, KL7VC, presented information about our membership base. We have presently 230 registered members. That figure is down 115 from Jan. 2000, so the Board discussed how to make sure members are notified that their membership has lapsed, and about re-instituting an old program of offering newly licensed hams one year free membership.

The Board also discussed VEC issues, Hamfest details, ARES activities, and adjusting the spending limit of the Board.

Submitted by H. Keith Clark, WL7CSR, Secretary

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## **Anchorage Amateur Radio Club General Meeting March 2, 2001**

The AARC General Meeting was held on Friday, March 2, 2001, at The Carr-Gottstein building on the APU Campus. President Randy Vallee, AL7PJ, opened the meeting at 7:06 p.m. Introductions were the first order of business.

President Randy, AL7PJ asked if everyone had received their newsletter and read the minutes from the last meeting. Simon Carraway, NL7VR, moved to accept the minutes as published. The motion was seconded by Edie Lynn, KL7EL and passed unanimously

President Randy, AL7PJ, informed the club that we needed to fill three vacant Board positions, and announced that the Board was placing three names up for a vote. They are Frank Pratt, KL7FSE, Mark Kelliher, KL7TQ, and Rob Smith AL7ML. Richard Block, KL7RLB, moved to accept the names presented, and Gunnar Flygenring, WL7KL, seconded it. Before the vote Jim Feaster, KL7KB reminded President Randy that the vote was to be done individually. Richard accepted the friendly amendment and each appointment was approved by a show of hands.

President Randy, AL7PJ, then extended an invitation to Committee chairs to submit reports on a regular basis and to attend the Board meetings as their schedules allow. He also reminded the Club that the meetings are open for visitors, and that the Board would welcome any input and appreciate volunteers to fill committee seats.

### **Treasurer's Report:**

Richard Block, KL7RLB, says that the Club is doing well financially. All the bills are paid and we still have money left over. John Lynn, KL7CY, while still President, arranged for our tax prepared to file our overdue taxes from 1998, 1999, and 2000. The end result is that there will be no taxes owed, and that the \$19,000.00 prepayment will be returned to the Club's general operating fund.

John, KL7CY, informed us that he took one of the ARES prototype kits out to the Yenta Roadhouse for the Jr. Iditarod. He said it performed flawlessly passing many packet messages, and was a big hit with everyone who saw it.

### **Activities Report:**

TJ, KL7TS, is still working on the Slope. There will be a guest speaker later in the meeting.

### **Hamfest Committee**

Jim Wiley, KL7CC, has no new news this evening.

### **New Business:**

Vice-President Jim Larsen, AL7FS, advises he spoke with Doug Dickinson, KL7IKX, who reports that he is having progress linking the .76 repeater in Girdwood, with the clubs UHF repeater here in Anchorage. The project is on hold until after the Special Olympics are finished.

John, KL7CY, mentioned that David Stevens, KL7EB, has been working hard with the Forest Service to identify radio tower sites on the Kenai Peninsula. He has taken this on in response to a request by the Forest Service for public input, and we will be updated as he works through the process.

We have a visitor at the Club meeting, KK5YY, Gerald Schmidt who has been to Anchorage for a couple of hamfest in the past, and is now here to participate in the Iditarod. He is going to be bench testing a new RigBlaster for West Mountain Radio and would like to invite some help using PSK31 and slow scan. He will be writing an article to talk about his participation, and to publicize what we do up here during the Iditarod. Anyone wishing to contact him can do so at [kk5yy@juno.com](mailto:kk5yy@juno.com). He also gave us information on some web sites that use sound cards for PSK31 and slow scan. He didn't have the exact address but said to search for **mmtty**, **mm-sstv**, and **rtty psk31 freeware**.

President Randy announced that the next SCRC General meeting will be held at the Channel 2 broadcast facilities.



There will be a tour in place of the regular meeting. It will be at the regularly scheduled time of 7:00 p.m.

A short recess was called for snacks and ticket sales.

Our guest speaker was the one and only Herb Shandlin. Though down with a cold, he couldn't resist the opportunity to be the center of attention, and gave a fine presentation answering our questions and telling a few new stories. He was fun and interesting, and wasn't meaning to us once.

Afterwards, John, KL7CY, presented him with WHOA, not the traditional Ulu gift, but a more appropriate Oosik.

The drawing of tickets awarded a good selection of Door Prizes.

There being no further business, the meeting was adjourned by President Randy Vallee, AL7PJ at 9:15 p.m.

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## ITEMS FOR SALE

By Ed Maher, NL7VP for prices/OBO

Home: 243-4348

Work: 249-3151

1. Power Sonic Model PSC-124000 Automatic Battery Charger: 12 volts, 4 amp
2. Uni-Solar Model UPM-880: (QRV Solar Power Supply) Utility Power Module (panel) 22 w, 15.6 v, 1.4 amp. 47" x 13.5" x 1.4" @ 8 lbs. With M-8 Charger controller
3. Regency Model MX5000: VHF/UHF Scanner
4. Japan Radio Co. (JRC) Model NRD-515 w. NVA -515 CEL 260 General coverage RCVR. 100 KHz - 30 MHz: External Speaker Filters (Collins 1.9 kHz, Collins 3.8 kHz)
5. MFJ 971: Portable tuner
6. RF Concepts Model 2/70G: Linear amplifier, 143-149 MHz; 5 in-30 out; 430-450 MHz 5 in 20 out
7. Stoner Dymek Model DA100D: Active RCV antenna for MF & HF
8. Larsen NMO Model 2/70: 2m/70cm mobile antenna (magna-mount, coil & whip ant.)
9. Antennas West: MAXI-J roll-up antennas 12m & 20m
10. Antennas West: PICO-J pocket antenna 2m/70cm
11. AEA Models -HR-2/HR-4: Telescoping stainless steel HT antennas 2m/70cm
12. Quantum ham battery: 12v, 2.1 amp. hrs., 25w hrs.
13. Solid copper ground buss bar: 26" x 1" x 1/4" - (4 wing nut connections, 1 ground strap connection, & 2 mounting holes)

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by Paul Jendryk 248-5312

10 meter mobile Uniden radio, HR2600, AM, FM, CW, USB, and LSB. Ex cond. \$100

Icom handi talkie IC-T8A tri-band, 2m, 440, 6m, with accessories, like new. \$250

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Ten-Tec Centurion Linear Amp. =20

Specs;

Uses 2ea 3-500Z Triodes, Installed are the superior heavy duty graphite =tubes. qsk mode.

Analog and led meters. All legal bands. Smooth easy tune controls. Perfect condition.

Bought from Hank Hove before he left Fairbanks, I have only used it for a few contacts.

Purchase price from Hank was \$1000.00 plus two service calls for heating. I'll sell for the same (firm), but you don't have to do the service calls, hihi. Retail price was about \$2000.00+ (more because of the graphite tubes).

Contact; Ed Dennis, KL7YX, 907-452-8017, Fairbanks, Ak. edennis@gci.net

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## Packet Station lessons learned on Jr Idditarod Phillip Mannie, KL0QW

I'm excited to hear that everything went well on packet... Kent mentions this briefly at the Eagle River race. He also mentioned that he was able to connect direct from Anchorage.

From my brief experience I don't believe that the value of those simple TV twin-lead j-poles can be overstated. I used one at last year's Eagle River Classic from the swamp, 12 miles or so from the Tower, and it made the difference between spotty communications and a good, clear signal. Theoretically, a j-pole provides about the same gain as a dipole (about 2dBi), is vertically polarized and can be kept in a pocket. The ones I make have a minimum of 10' feed lines so I can at least try to get it up in the clear and the cost in construction time and material is minimal.

On another note, there are several public domain text editors for the Windows environment that are superior to notepad. Back when I used M\$ products I favored an editor called Textpad... it would deal with a number of open files simultaneously and would open files up to the size of available memory. A check of tu cows/nonags should offer several possibilities.

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Fellow Alaska Amateurs, please spread the word!

Looks like we need to contact Representative Young to encourage his support of HR 817, a bill entitled, "The Amateur



Radio Spectrum Protection Act of 2001". Read the ARRL bulletin attached to the bottom of this e-mail. Here is Representative Young's contact info:

Representative Don Young  
2111 Rayburn House Office Bldg.  
Washington, DC 20515  
or

Representative Don Young  
222 W 7th Avenue Box 3  
Anchorage, AK 99513-7595

Or, visit his home page @ <http://www.house.gov/donyoung/> where you can submit your opinion in support of this bill by entering the "State Your Opinion" link. It's simple, easy, and fast.

Here's an example of what you might say:

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Dear Representative Young,

As a federally licensed amateur radio operator (amateur radio call sign XXXXX) who is active in the public service endeavors of our service; I urge you to support HR 817, a bill entitled, "The Amateur Radio Spectrum Protection Act of 2001" as introduced by Rep Michael Bilirakis of Florida on March 1, 2001.

This is important legislation that will ensure current frequencies allocated to the amateur service remain available and are not reallocated. The amateur radio service has time and time again proven itself to be an important national and international resource in times of widespread and local disasters and emergencies. You probably recall amateurs' work during our Good Friday Earthquake of 1964. Thirty-seven years later, the people of the Northwest were served in a similar way during the recent Seattle earthquake. Amateurs support these disasters, both large and small, as well as provide public service communications support to events such as the Iditarod, Anchorage Fur Rendezvous, Walk for Hope, and COUNTLESS others on a regular and frequent basis. Threats to our frequency allocations could greatly hinder our ability to provide such service.

I thank you for your time and consideration  
Sincerely,

Your Name  
Amateur Radio Operator XXXXX  
Home: 907.XXX.XXXX

Thanks much, and 73,

Kent Petty, KL5T  
Alaska Section Manager

907.694.5856  
kl5t@arrl.net

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**Words of encouragement from our Division Director, Greg Milnes, W7OZ**

Kent

Thanks for your [ALASKA HAMS] work on the AK PRB-1. It is great! Yes, as a lawyer/judge, I could word the bill better for hams...BUT "politics is the art of the possible." It has been my experience that it is ever so much easier to modify or amend something that is on the books rather than tries to get everything all at once. Often that dooms a good effort to failure. That would be a shame.

My advice is to put all your efforts behind the bill that is in your legislature right now. Once you get it as law, then if you wish you can try to better it at a future session. I have seen some suggestions on how to better the bill. We had the same situation here in Oregon. Some well meaning hams (one even a lawyer) thought there were problems with our bill. It turned out that what we originally proposed and then amended by a legislator or two was what could become law. I advised on backing what we had. In future sessions we could try to modify or tweak the law if we wish. It became law. Whew!

My concern is that some wise and well-meaning hams may try to amend the bill to get too much at one time and present the impression of a house divided. I would be glad to discuss these ideas via e-mail (or on the phone) but I really hope we can do that among ourselves not with legislators. From what I've seen, this is a good bill. It can pass in its present form. I'm afraid that raising problems at this date will foul the works. Based on what I've seen and what the League sees, the present form is great...not perfect but very good. I hope all Alaska hams can get behind the effort and push the bill toward passage. Good luck!

73/Greg Milnes W7OZ  
ARRL NW Division Director

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**AIRWAVES OVER ALASKA  
A Book Review  
By Richard Block, KL7RLB**

Raffles are not my thing, but only because I never win. At the February meeting of the Anchorage ham club, however, I won the raffle, the right to select from an array of somewhat bedraggled items, including a box of chocolates past the expiration date, a parts tray with torn cardboard cover, some widgets with no labels that only an experienced ham could enjoy and some books with frayed jackets. I selected a book



with frayed jacket. I love books, particularly if they have some tangent with Alaskan history.

Airwaves Over Alaska, the Story of Pioneer Broadcaster, Augie Hebert turned out to be a rewarding prize. I suspect it had been several times won and contributed back to the raffle prize table. No more. I intend to keep this fascinating peek into an interesting and important time and place in Alaska's development.

Written by his daughter Robin Ann (now Chlupach), it portrays a man dedicated to a career that grew out of a passion for a hobby. Hebert was first licensed as a ham in 1932, at age fifteen, as W7CBF. His love for radio and things electronic took him to Fairbanks to work for KFAR, a fledgling radio station owned by a consortium of well known Alaskan entrepreneurs, including Cap Lathrop.

At the apex of World War II, Herbert demonstrated the value of radio in passing information about developments to a world eager to hear about significant events when he combined commercial facilities, KFAR, then an NBC affiliate, and his new ham station, K7XSB, to inform the lower 48 about a cold weather demonstration parachute jump. Sharing the broadcast duties were Ruben Gaines, Ed Stevens and Al Bramstedt.

Hebert moved to Anchorage to help build and initiate broadcasting from KENI in the early 1950's.

The book relates, "During the early 1950's Augie was also an active ham radio operator and leader in a civil defense contingency for the Anchorage area, which involved a network of amateur radio operators. Authority of the FCC established the Radio Amateur Civil Emergency Services (RACES). Augie assumed direction of Anchorage's emergency communications council, established in 1951 as a stepped-up effort to form a communication control center in the event of an emergency in Anchorage. Augie's job was to coordinate the emergency stations involving amateur radio operators, Civil Air Patrol operators, and the municipal radio system."

In the Foreword, Walter Cronkite, a long time friend of Augie Hebert, noted the importance of Hebert's work to develop commercial radio in Alaska as a means of communication that tied the territory of Alaska, and later the State of Alaska, together.

Although not a literary masterpiece, the book is an easily read chronicle of the life a man dedicated to his passion, a passion for radio and what it could contribute to opening the last frontier. It also documents the contributions of one of the early workers in our ham club. It certainly vindicated my investment in the raffle.

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## **Whatever happened to? By Doug Dickinson KL7IKX**

It wasn't too many years ago, that in the Amateur world the word BREAK was reserved for EMERGENCY traffic, if you had to get into a repeater that was being used, because you had a car off the road, blood every where that way, or maybe their conversation doesn't apply to what you want to add. In which case it's perfectly proper for them to finish what their talking about and then release the repeater for your use.

It's not very polite to walk up to two people talking amongst themselves and butt in and start talking to one of them, or even worse to try to start a new conversation while they are still talking to each other.

The station wishing to use the repeater, or join the conversation ongoing, would then at the invitation of the current users join in, or make a quick call to whatever station they wished to reach. Sometimes people just need to make a quick call to let someone know their on their way, or find out if they are monitoring the repeater, then they can have their QSO AFTER the current one is done with.

Current users of a repeater need to realize that there may be others out there who need to make a quick call, why not stop your qso every three minutes or so, and ask if there is anyone needing to make a call? It would sure make it easier on those others who might want to use the repeater, if no one replies, then carry on.

There is another service that supports breaker breaker, I'd like to think that as amateurs we've moved beyond the use of the word breaker breaker, though current operations lead me to believe that this may not be so.

While we're on the subject of whatever happened.

Whatever happened to using your callsign to ID yourself and your transmitter. The FCC requires you ID every 10 minutes, so if your going to jump into someone else's qso, with a short comment, you are required by law sometime within 10 minutes of your first transmission on the frequency to identify yourself with your legal callsign, on the same frequency you used to make the comments on.

And while on the issue of callsigns and ID's. IF your running a repeater, remote base, or link there are several ID requirements that are different from the average user. EVERY AMATEUR TRANSMITTER MUST BE ID'd! THERE ARE NO EXCEPTIONS TO THIS RULE!

If your running a repeater, or remote base (Iphone etc) your required to ID your LOCAL transmitter, if your Iphone is part of a repeater then the repeater ID covers your operation. If your running a remote base (Iphone etc) then your local transmitter (coordinated, I hope) must be ID'd at the beginning of your remote base operation, and every 10 minutes after. In addition there are some control issues that apply to repeaters



and remote bases that you should be aware of, the most critical is how you control the on/off function of your transmitter. This must occur at 223 Mhz or above, which means if your running a 223 Mhz repeater or above you can control on the input frequency, however if your running a 6 meter, 10 meter, or 2 meter repeater, your control of the repeater MUST NOT happen on the input frequency. And remember your required to have an automatic or manual timer that cuts off your transmitter after 3 minutes of continuous transmission, so if your transmitter locks up, you don't lockup the frequency, not to mention fry your transmitter.

#### Crossbanding:

This is where your 'super duper' do everything radio can retransmit what it hears on one band to another band, most often this is a 2 meter to UHF band though 6 meter, 223 Mhz, and 1290 crossband equipment is also in use in some parts of the world. The question is of course is this legal? YES, as long as you remember that EVERY AMATEUR TRANSMITTER MUST BE ID'd.

Once you enter the crossband mode you come under the repeater ID, and control rules. Which means among other things you must have Control and ID of your transmitter, on EACH BAND. You need to coordinate your crossband activity with the ARRL coordinator, so you don't end up outputting on an already in use coordinated frequency. AND YOU MUST HAVE PERMISSION of a Repeater owner or Trustee of the repeater license if you plan to crossband into or out of a repeater not under your license. Every repeater has a trustee of the license of the repeater, the group or club that runs that repeater has a great deal of money and time invested in the particular repeater, and they do have the LEGAL RIGHT to decide who use's, and what type of traffic may pass through their equipment. There are those that will tell you that as a licensed amateur you are entitled to use any frequency and any repeater on any amateur frequency, this is not so, would following this line of reasoning lead to the idea that I can drive your car on the public highways anytime I want? Of course not, that would be considered grand theft auto, so you're 'stealing' the use someone's repeater without his or her permission should be considered the same way. Most times a permission of the license or the individual or club that owns the license with proper pre-notification won't have any problem with whatever special use you wish to use their equipment for, but you must ASK BEFORE USING.

Remember we're all in this hobby together, a little common sense, and common courtesy to others will help us all enjoy our hobby that much more.

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There are several men in the locker room of a private club after Exercising. Suddenly a cell phone that was on one of the benches rings. A Man picks it up and the following conversation ensues:

"Hello?"

"Honey, It's me. Are you at the club?"

"Yes."

"Great! I am at the mall 2 blocks from where you are. I saw a beautiful Mink coat. It is absolutely gorgeous! Can I buy it?"

"What's the price?"

"Only \$1,500.00"

"Well, OK, go ahead and get, if you like it that much..."-

"Ahhh and I also stopped by the Mercedes dealership and saw the 2001 models. I saw one I really liked. I spoke with the salesman and he gave me a really good price....and since we need to exchange the BMW that we bought last year..."

"What price did he quote you?"

"Only \$60,000..."

"OK, but for that price I want it with all the options."

"Great! Before we hang up, something else...."

"What?"

"It might look like a lot, but I was reconciling your bank account and....I stopped by the real estate agent this morning and I saw the house we had looked at last year. It's on sale!! Remember? The one with a pool, English Garden, acre of park area, beachfront property..."

"How much are they asking?"

"Only \$450,000....a magnificent price and I see that we have that much in the bank to cover...."

"Well, then go ahead and buy it, but just bid \$420,000. OK?"

"OK, sweetie... Thanks! I'll see you later! I love you!"

"Bye....I do too...."

The man hangs up, closes the phone's flap and raises his hand while holding the phone and asks to all those present:

"Does anyone know who this phone belongs to?"

+==+==+==+==+==+==+



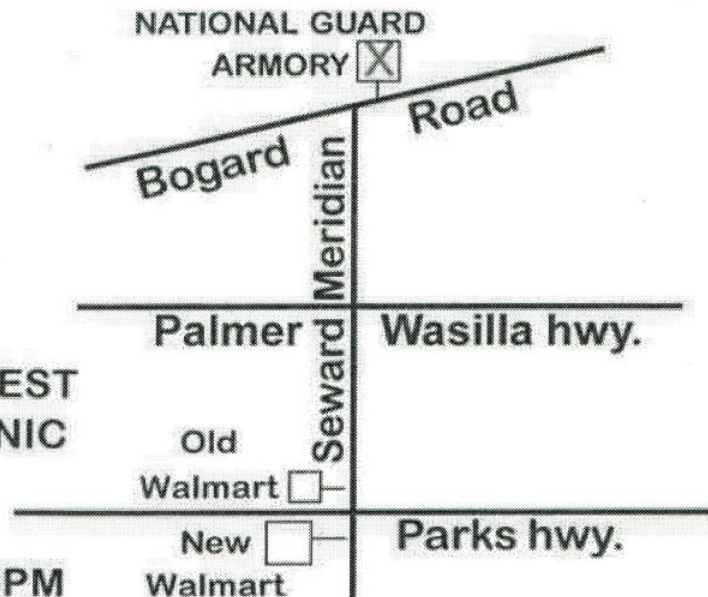
Talk-in on 146.640 (-) Repeater

# Radio Swap Meet

SATURDAY MAY 5TH



**AMATEUR RADIO HAMFEST  
COMPUTER / ELECTRONIC  
FLEA MARKET  
SATURDAY  
MAY 5TH 10AM UNTIL 5PM**



**RADIO LICENSE TESTING. — DOOR PRIZES  
TECHNICAL DEMONSTRATIONS. — SNACKS  
INFORMATIONAL PAMPHLETS. — BOOKS.  
VIDEO SHOW — TABLES ARE AVAILABLE:  
FOR THE SALE OR TRADE OF COMPUTER,  
HAM RADIO, AND RELATED ELECTRONICS.**

**INDIVIDUAL= \$10.00**

**COMMERCIAL=\$15.00**

**CLUB CONSIGNMENT**

**[ 10% OF ITEMS SOLD ]**

**ADMISSION= \$3.00, INCLUDES DOOR PRIZE TICKET.**

**KIDS UNDER SIXTEEN ARE FREE IF WITH ADULT.**

**"SPECIAL DRAWING" FOR AN ICOM IC-T2H 2 METER RADIO.**

**ALASKA ARMY NATIONAL GUARD ARMORY.**

**SEWARD MERIDIAN & BOGARD ROAD.**

**CONTACT: WL7BD DAN 373-2569, KL0QQ TOM 696-7576, OR KL7DY RICHARD 745-5222**

**WEB PAGE: <http://www.obarr.net/mara>**



# HAM RADIO CLASSES

## Anchorage Amateur Radio Club



### Instructors

**Lil Marvin    NL7DL**  
**Rick Marvin   KL7YF**

**Tech – General  
Extra  
Classes begin**



**Monday April 2<sup>nd</sup>  
6 – 9 P M  
Monday/Thursday**

**TECHNICIAN:** Gordon West ARRL or Radio Shack Books

**GENERAL:** Gordon West ARRL or Radio Shack Book and (0-5 WPM Code Tapes)

**Extra** □ Gordon West ARRL or Radio Shack Book and (0-5 WPM Code Tapes)

**Fee:    \$35.00**  
**To Register**  
**CALL**  
**277-6741**

Contact the instructors for materials or more information!

**BEGIN** practicing the code now!!!!

Classes will be held at the **Red Cross Bldg. at 8<sup>th</sup> and Cordova**  
**On the 3<sup>rd</sup> Floor**



**Anchorage Amateur Radio Club, Inc**  
Post Office Box 101987  
Anchorage, Alaska 99510-1987

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Anchorage, AK  
Permit No. 223



STRETCH DOZED OFF WHILE REVIEWING HIS COMM/OP NOTES FROM THE IDITAROD MEETING, AT THE SAME TIME WATCHING AN OLD STAR TREK SAGA. SOMEHOW THE PROBLEMS OF THE RACE, LACK OF SNOW AND COMBINING ALL THE NEW HIGH TECH GEAR MERGED WITH THE T.V.SHOW'S PLOT CREATING A STRANGE DREAM. UPON AWAKENING ALL HE COULD REMEMBER WAS THE WORDS "BERM ME UP SCOTTY."