

Anchorage Amateur Radio Club

General Membership meeting August 2nd

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 KL7FE
Past Past-President	John Lynn, KL7CY

Three Year Board Members

Lil Marvin, NL7DL
David Stevens, KL7EB
Pat Wilke, WL7JA

One Year Board Members

Lynn Hammond, KL7IKV
John Murray, NL7WW
Steve Jensen, KLØVZ
Mike Borer, WL7CKB
Dan Horvath, WL7CLX
Tony Gangi, NL7PB

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: edielynn@gci.net

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting
Email: edielynn@gci.net faxcsimile: 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 on 145.35 MHz @ 7 wpm

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
850 No Name Net 146.85/.25 repeater Sundays 8:00 PM
Grand Son of SSB Net 144.20 USB Mondays 8:00 PM local
Big City Simplex Net 146.520, 446.0, & 52.525 FM
With Packet 145.01 Tuesdays 8:00 PM local
ARES net 147.30/.90 repeater Thursdays at 8:00 PM local
PARKA net 147.30/.90 Thursdays at 7:00 PM local

Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft
146.94/34 MHz, 80 watts, autopatch, 141.3 Hz PL
224.94/223.34, 25 watts, no patch, no PL
444.70/449.70, 25 watts, autopatch, 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, on IRLP, 97.4 Hz PL
KL7ION at Mt. Gordon Lyon, PARKA 3,940 ft
147.30/90, MHz - 80 watts, no patch, 141.3 Hz PL
KL7AIR Elmendorf AFB, EARS
146.67/.07, 107.2 Hz PL
KL7JFU, KGB road, MARA club
146.85/.25, autopatch, no PL
KL7DOB, Alcantra (Wasilla Armory)
146.64/.04, simplex patch, no PL
KL7DJE at Grubstake Peak, 4,500 ft. <down >
147.09/.69 MHz, 25 watts, no patch, 100 Hz PL
444.925/449.925, 10 watts, no patch, 141.3 Hz PL
KL7AA, Mt. Alyeska, 2,400 ft. ??down??
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

South Central Area Simplex Frequencies

146.52 Mhz Calling and Emergency frequency
147.57 / 447.57 (crossband linked) HF spotters & chat,
103.5 HZ PL
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/kl7air>

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

Moose Horn ARC <http://www.alaksa.net/~kl7fg>

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

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

Fairbanks AARC: <http://www.kl7kc.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, ICOM,

Yaesu, Alinco, Amateur radio equipment.

Call Jim Wiley, KL7CC (907) 338-0662

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**NEWSLETTER ARTICLES;** All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by computer disk, fax, or E-mail to the newsletter editor at the address listed on the cover. Submissions must be in the hands of the editor at least two weeks prior to the meeting.

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**Regular HAM Gatherings:**

**Tuesdays Lunch, 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.

**Saturdays Breakfast, 7:30 AM:** Here is a good 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.

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**THIS MONTH'S EVENTS**

**August 2nd: AARC general meeting at 7:00 PM** in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.30+ repeater.

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

**August 8th: EARS general meeting at 6:30PM** 1<sup>st</sup> Thursday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB. Talk in on 147.67- repeater.

**August 9th: SCRC general 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.

**August 10th: 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.

**August 10th: PARKA Meeting at 11:00 AM.** 2<sup>nd</sup> Saturday of the month at Peggy's, across from Merrill Field

**August 20th: AARC Board meeting at 7:00 PM** 3<sup>rd</sup> Tuesday of the month at Hope Cottage 540 W. International.

**August 8<sup>th</sup> & 22nd: 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.

**August 17th: ARES General meeting 9:30 AM to 12:00 PM.** 3<sup>rd</sup> Saturday of the month.

**Canceled for August: MARA meeting at 7PM** the last Friday of the month in the MTA business office in Palmer.

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**Mosquito Trap**

Pass this on to anyone who likes being out in the evening or is having a cook out. Here is good things for the summer, for those who like to sit enjoy the out of doors, but don't like those pesky mosquitoes. It was given at a gardening forum: Put some water in a white dinner plate and add just a couple of drops of Lemon Fresh Joy dishwashing soap. Set the dish on a porch or patio. Not sure what attracts them, the lemon smell, the white color, or what, but mosquitoes flock to it, and drop dead, or fall into the water, or on the floor within about 10 ft. Works just super!

Enjoy the mosquito free summer!

**(Unapproved)**

**Anchorage Amateur Radio Club Board Meeting**

**June 18, 2002**

The AARC Board Meeting was held on Tuesday, June 18, 2002, at Hope Community Resources Administrative Building at 540 West International Airport Way. The meeting was opened by President Randy Vallee, AL7PJ at 7:04 p.m. The following officers were in attendance: President Randy Vallee, AL7PJ, Vice-President Jim Larsen, AL7FS, Secretary Keith Clark, WL7CSR, Treasurer Richard Block, KL7RLB, and Activities Manager T.J. Sheffield, KL7TS. The following Board Members were in attendance: Pat Wilke, WL7JA, Lil Marvin, NL7DL, David Stevens, KL7EB, John Murray, NL7WW, Steve Jensen, KLØVZ, Mike Borer, WL7CKB, and Dan Horvath, WL7CLX. AARC club member, VEC Chairman Jim Wiley, KL7CC, and Past President John Lynn, KL7CY, were present.

Minutes from the May 21 Board Meeting were reviewed. Steve Jensen, KLØVZ, made a motion to accept with one minor change. It was seconded by Mike Borer, WL7CKB and passed unanimously.

**REPORTS**

**Health and Welfare:**

No news is good news.

**Treasurer's Report:**

Richard Block, KL7RLB, having just arrived back in town, was unable to provide a written report, but indicated that the Club was still solvent, and there was nothing unusual to report.

**Gaming Committee Report:**

John Lynn, KL7CY, reported on a meeting with Johnny Givens. He also reports that nothing has happened in regards to the gaming review by the State. Richard Block discussed meetings with the Accountant Lisa Rogers, and the Attorney Chuck Dunnagan.

**VHF Committee Report:**

There is no written report at this time. Lil Marvin, NL7DL, reported on the 30/90 repeater. It was also noted that the 30/90 repeater now has a PL tone of 141.3.

**VEC Report:**

Jim Wiley, KL7CC, mentioned changes to the Extra Class exams, and again mentioned plans to send a representative to the VEC conference in Gettysburg. He says plans for developing the remote testing program are progressing.

**ARES:**

Mike Borer, WL7CKB, discussed a meeting with the Section Emergency Coordinator Linda Mullen, and ran down a calendar list of upcoming events.

**Grant Committee**

Informed the Club of approved changes to the Fairbanks Club Grant.

**Old Business:**

Jim Wiley advises that the trailer repairs were completed well under budget.

**New Business:**

There was discussion about the Clubhouse and CCV parking area. Several ideas were explored.

After discussion about the potential Mt. Susitna repeater, Richard Block, KL7RLB, moved that subject to receiving an adequate space lease approved by the Board, that the Board recommend to the General Membership approval of the acquisition of equipment or as much thereof as appropriate for the space leased, up to \$20,000.00. David Stevens, KL7EB, seconded, and the motion carried with 4 opposing.

Field Day was discussed. It was noted that Teresa Nunes, KLØWW, was in charge of coordinating this year's event. CCV funding was discussed.

Jim Wiley explained the Venture Scouting program, and requested some budget money to send some mailings. Richard Block, moved approval of \$500.00 to implement the mailings. John Murray, NL7WW, seconded and the motion carried.

It was noted the By-Law revision committee has had a couple of meetings and hope to have recommendations by fall.

Jim Wiley notes electrical improvements needed on the trailers. After discussion, Steve Jensen, KLØVZ, moved to expend up to \$1,500.00 to take care of the necessary repairs. The second was by Pat Wilke, WL7JA, and the motion carried.

There being no further business, the meeting was adjourned at 9:20 p.m.

Submitted by H. Keith Clark, WL7CSR, Secretary

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ARRL Bulletin 37 ARLB037  
From ARRL Headquarters  
Newington CT June 19, 2002  
To all radio amateurs

SB QST ARL ARLB037  
ARRL037 White House greets Amateur Radio operators

President George Bush has sent his greetings to all Amateur Radio operators, acknowledging their role in emergency communications and in generating international good will. The White House letter comes as hams in the US mark Amateur Radio Week June 16-23 and prepare to participate this weekend in ARRL Field Day--an emergency preparedness exercise.

"I salute amateur radio operators for your work on behalf of public safety officials," the President said in a letter dated June 18. "I also commend your interest in communicating with persons in other parts of the world and learning about other cultures and countries. Your involvement builds understanding and goodwill around the globe."

For the first time, Field Day will be open to participation by amateurs throughout the Americas and the Caribbean.

The President's letter acknowledged ham radio's "important role in emergency communications, assisting law enforcement personnel and other emergency services as they carry out their responsibilities."

ARRL President Jim Haynie, W5JBP, expressed his delight at the presidential communication. "I'm extremely pleased that the president has decided to recognize the accomplishments of Amateur Radio operators throughout America," he said. "Amateur Radio is a real asset to America, and even more so after September 11. Amateur Radio has always played a big role in disasters and emergencies, and I'm very proud of it."

President Bush said First Lady Laura Bush "joins me in sending our best wishes."

Governors in several states have issued proclamations designating Amateur Radio Week or Amateur Radio Month.

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SB SPACE @ ARL \$ARLS006  
ARLS006 AMSAT-OSCAR 7 returns to life

ZCZC AS06  
QST de W1AW  
Space Bulletin 006 ARLS006  
From ARRL Headquarters  
Newington, CT June 25, 2002  
To all radio amateurs

SB SPACE ARL ARLS006  
ARLS006 AMSAT-OSCAR 7 returns to life

The AMSAT-OSCAR 7 satellite suddenly has come back to life after being dormant for more than 20 years. First heard June 21 by Pat Gowan, G3IOR, AO-7 subsequently has been monitored and used by several other amateurs. AO-7 was launched November 15, 1974. It remained operational for more than six years before succumbing to battery failure in 1981.

"I'm blown away," was the reaction of AO-7 Project Manager Jan King, W3GEY. "So, this old war horse of a spacecraft seems to have come back from the dead if only for a few moments."

Exclaimed satellite enthusiast and AMSAT Vice President for User Services Bruce Paige, KK5DO, "This is really awesome." Paige said the latest turn of events makes AO-7 is the oldest amateur satellite that's still working. AMSAT-NA has now listed AO-7 as "semi-operational."

AMSAT says it seems certain the satellite is running only off its solar panels, not from the onboard batteries, so it will be operational only while it's in sunlight. King speculates that the batteries, which shorted as they failed two decades ago, now are "un-shorting" and causing the satellite to come back to life.

For those attempting to use AO-7, Mode A (2 meters up/10 meters down) is not a problem, but Mode B (70 cm up/2 meters down) is. Because of changes in the international Radio Regulations that went into effect in the 1970s as AO-7 was under construction, the 432.1 MHz uplink frequency is no longer authorized for space communications.

AMSAT advises potential users that when uplinking to a satellite, they are operating in the Amateur-Satellite Service. AMSAT says uplinking to AO-7 "is possibly illegal since the Amateur Satellite Service is not permitted at 432.1 MHz." The current band plan earmarks the 432.1 MHz range for weak signal work. Section 97.207(c) of the FCC's rules authorizes space station operation only in the 435-438 MHz segment.

Built by a multinational team under the direction of AMSAT-NA, AO-7 carries Mode A (145.850-950 MHz uplink; 29.400-500 MHz downlink) and Mode B (432.180-120 MHz uplink; 145.920-980 MHz downlink) linear transponders plus beacons on 29.500 and 145.700 MHz. A 2304.1 MHz beacon was never turned on because of international treaty constraints.

AMSAT has additional information on AO-7 on its Web site, <http://www.amsat.org>.

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ARRL Bulletin 35 ARLB035  
From ARRL Headquarters  
Newington CT June 18, 2002  
To all radio amateurs

SB QST ARL ARLB035  
ARLB035 FCC Invites Public Comments on New Amateur Band Proposals

Public comments on FCC proposals to create two new amateur bands and to create a new Amateur Service primary allocation in the vicinity of 2.4 GHz are due July 29, and reply comments are due by August 12. In response to an ARRL petition, the FCC last month released a Notice of Proposed Rule Making (ET Docket 02-98) that proposed to create a new 5-MHz HF allocation and a new low-frequency band in the vicinity of 136 kHz in addition to elevating amateurs from secondary to primary at 2400 to 2402 MHz.

The FCC adopted the NPRM May 2 on a unanimous vote. The NPRM was published June 14 in The Federal Register. A copy of the petition is available on the ARRL Web site, <http://www.arrl.org/announce/regulatory/et02-98/>. Interested parties may file comments via the FCC's Electronic Comment Filing System (ECFS) website, <http://www.fcc.gov/e-file/ecfs.html>. Click on "Search for Filed Comments" and enter "02-98" in the "Proceeding" field. All comments and other correspondence--plus a copy of the NPRM--are available for viewing via the ECFS.

If the proposals eventually are approved, amateurs would gain a new, secondary, domestic (US-only) HF allocation at 5.25 to

5.40 MHz and a new LF "sliver band" at 135.7 to 137.8 kHz. The 5 MHz band would be the first new HF allocation since the early 1980s, when amateurs got 30, 17 and 12 meters. The LF allocation would be the first ever for US hams.

The Commission has recommended permitting amateurs to operate at full legal limit on a new 5-MHz allocation, but it left open for further discussion whether to restrict band access to certain license classes. The FCC also has invited further comment on whether the band should be broken down into mode-specific subbands. The band 5.250 to 5.450 MHz now is allocated worldwide to Fixed and Mobile services on a co-primary basis.

On 136 kHz, the FCC has proposed limiting output to 1 W effective isotropic radiated power (EIRP) with a transmission bandwidth of only 100 Hz and limiting access to the band to General and higher-class licensees.  
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**FOR SALE**

AES price: HF9VX BUTTERNUT 9-BAND VERT/270-09 \$389.99 plus shipping

I have a Butternut HF9V 9 band vertical for sale for \$210.00. If you are local this will be a savings of about \$200 over buying a new one plus shipping from Amateur Electronic Supply.

This includes about 2 dozen or more ground radials made of high quality teflon wire. The antenna has been in use this past winter and will be taken down upon sale. I believe the antenna to be only about 2 years old but I am the second owner. Aluminum is still in good condition although the top aluminum piece has character (a slight bend in it).

Shipping is to be paid by the buyer if not within the Anchorage area.

At this price you can afford to buy and try. Feel free to stop by the house and take a look. Call me at 907-345-3190 before you stop by. Even if you are not interested, tell your friends.

73,  
Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

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|-------------------------------------|--|--|--|
| <b>Anchorage Amateur Radio Club</b> |  |  |  |
| <b>Summary of Financial Affairs</b> |  |  |  |
| January-June, 2002                  |  |  |  |
|                                     |  |  |  |
| Assets                              |  |  |  |

|                                                          |  |           |
|----------------------------------------------------------|--|-----------|
| Gaming Account                                           |  | \$81,425  |
| All other Current Assets                                 |  | \$117,519 |
| Fixed Assets                                             |  | \$192,662 |
| Boniface Bingo                                           |  | \$19,989  |
| Total Assets                                             |  | \$411,595 |
|                                                          |  |           |
| Liabilities                                              |  | \$0       |
|                                                          |  |           |
| Equity                                                   |  | \$411,595 |
|                                                          |  |           |
| Operating Income                                         |  | \$2,613   |
| Operating Expenses                                       |  | \$9,635   |
|                                                          |  |           |
| Gaming Income                                            |  | \$37,251  |
| Contributions                                            |  | \$8,566   |
|                                                          |  |           |
| Gaming Funds xfrd to General Acct.                       |  | \$132,500 |
|                                                          |  |           |
|                                                          |  |           |
| This summary does not include notes or other information |  |           |
| which are an integral part of a complete Financial       |  |           |
| Statement and should not be relied upon as a complete    |  |           |
| or accurate statement of the Club's Financial Condition. |  |           |

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**FOR SALE**

- 3 New 5-watt UHF HTs \$80 to \$100 ea.
- 1 Like new 200-watt HF mobile with auto ant. Tuner \$800
- 1 New 25-watt VHF Marine mobile \$90
- 2 New 5-watt VHF Marine HTs \$80 ea. (\$240 for all 3)
- 1 Scanner, with full 800Mhz coverage \$100
- Several CBs, some new with WX rec. to SSB base \$30 to \$200
- Others

The UHF HTs are great UO-14 downlink receivers and are much better for working the UHF side of a cross-band repeater than the Alinco pocket mouse. I bought them to use as control receivers or linking transceivers for 2-meter repeaters. One is an ADI AT-400 w/AA pack for \$80 and two are Yaesu FT-40R w/9.6v NiCad batteries for \$100 each. The Yaesu's battery fits the FT-50R, FT-10R, and aircraft HTs of the same vintage and are worth \$60 alone.

The HF mobile is a Kenwood TS-50 with CAP mod and it will put out 200 watts of SSB all day without getting hot. This radio, will way out perform any IC-706 or FT-100 on all HF frequencies, both on transmit and receive. The power will have to be cut back to 110 watts or so if using the included AT-50 auto antenna tuner or using it on high power when transmitting FM, RTTY, or any digital mode.

All radios are sold "AS IS" but guaranteed to be in perfect working order when purchased. Call Dan O'Barr at home (907) 373-2569, Anch. Cell (907) 351-1814, E-mail at dan@obarr.net,

dan@obarr.net, wl7bd@arrl.net, wl7bd@yahoo.com, or dan\_o'barr@ak-prepared.com

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Good Afternoon Everyone!

The attached press release was sent out to the national > media via PR Newswire early this morning. The past several days have been taken over by interviews and other public relations activities surrounding the federal grant.

This story is an excellent opportunity to promote ham radio and send the message that ham radio IS important and we ARE being recognized > by people in Washington and elsewhere.

I am managing all public relations matters on the grant here at HQ. I do realize however, that some of you may come into contact with > reporters who want to know more. You can feel free to use this press release as a basis for any conversations you may have with the media. Should you interact with the media on this, I would really appreciate knowing about it. I'm keeping a file on the media hits and the reporters we work with. Please, also feel free to give my name and contact information to the reporter for further information. Or, give me the reporter's contact information. Either way is fine with me.

It is very important that we're all on the same page when it comes to the message we're sending on the grant and the training program. I can't stress that enough.

I'll also be sharing this message (or something similar) with the folks on the PR reflector. To make sure we're covered, please feel free to share what I've said with your section public information volunteers.

If you have any questions, please contact me directly at jhagy@arrl.org or by telephone at 860-594-0328.

73,  
Jennifer Hagy, N1TDY  
Media Relations Manager, ARRL

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For More Information:  
Jennifer Hagy  
American Radio Relay League  
860-594-0328  
jhagy@arrl.org <<mailto:jhagy@arrl.org>>

**FEDERAL GRANT SUPPORTS RADIO AMATEURS' ROLE IN HOMELAND SECURITY**

Newington, Conn., July 24, 2002 -- Amateur Radio volunteers throughout the United States will receive special training in emergency communication measures, thanks to a grant from the Corporation for National and Community Service. ARRL, the national association for Amateur Radio, which received

\$181,900, was among several dozen nonprofit organizations designated to receive some \$10.3 million in federal money to boost homeland defense volunteer programs.

"Ham radio will certainly be part of the fabric of homeland defense and Amateur Radio operators have always been of the mindset that they want to do something for their country," says ARRL president Jim Haynie. "This grant is the opportunity for them to get started on it right away."

During the grant year, approximately 1,700 FCC licensed Amateur Radio operators will have the chance to register for free to take ARRL's online Emergency Communications Level I Course. Several factors will determine if ARRL will receive the requested federal money to expand this national program for two additional years.

In the event of a natural or man-made disaster, certified volunteers will work with community organizations to relay vital information in a structured and accurate manner. They will be skilled at composing and relaying messages by voice and through computer based Amateur Radio communications modes. Trained volunteers will join local Amateur Radio Emergency Service (ARES) networks and will support emergency activities ranging from equipment logistics, victim location and identification, emergency shelter, food and water information, medical equipment and materiel distribution, and, sometimes, life-and-death communication.

In June, a separate \$33,000 grant from Connecticut based United Technologies Corporation was received that is providing the same training for up to 250 Connecticut Amateur Radio operators. "UTC saw the potential and translated that into action and became our corporate partner to expand Amateur Radio emergency training in Connecticut and beyond," says Mary Hobart, Chief Development Officer for the ARRL. More-Federal Grant for Amateur Radio, "For decades, Amateur Radio operators have been there during emergencies. This federal grant is a wonderful validation at the highest level of the decades of work that Amateur Radio operators have been doing in disaster preparedness and disaster management," says Hobart.

Today, there are nearly 700,000 Amateur Radio operators in the United States and more than 2.5 million worldwide. Information on how to become involved in Amateur Radio is available from the ARRL, the national association for Amateur Radio, 225 Main Street Newington, CT 06111 or by calling 1-800-32-NEW HAM. The URL for ARRL's home page is [www.arrl.org](http://www.arrl.org).

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**N2CQ QRP CONTEST CALENDAR  
August 2002**

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Summer Fox Hunts - 20 M CW QRP - Fri 0200z

(Thursday Evenings US Local Time)

Details: <http://www.cqc.org/fox/index.htm>

Truffle Hunt 30 minutes before the Fox Hunt

Details: <http://fpqrp.com/struffle.html>

Adventure Radio Spartan Sprint (CW) *** QRP CONTEST!

Aug 6 - 0100z to 0300z (Monday Evenings US/Can local time)

Rules:
http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.htm

"Testing of lightweight radio gear for outdoor QRP expeditions"

BUBBA Summer QRP Sprint *** QRP CONTEST! ***

Aug 24 - 1800z to 2200z

Rules: <http://www.extremezone.com/~nk7m/>

"BURN YOUR B___ OFF "

Colorado QRP Club - Summer QSO Party (SSB/CW) *** QRP CONTEST! ***

Aug 25 - 1800z to 2359z

Rules: <http://www.cqc.org/contests/summer02.htm>

"Single Band, Multi-band & Portable Categories"

**** QRP Contest Calendar ****

<http://www.njqrp.org/data/contesting.html>
<http://www.n3epa.org/Pages/Contest/contest.htm>
<http://www.qsl.net/cqrp/contests.html>

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**ALASKA SECTION NEWS
SEPTEMBER 2002**

Congratulations goes to Gary McCrorey AL7O, Brent Burnett AL7R, and Less Buchholz KL7J, all of KPADX, for Working All Countries (332). Alaska State Hamfest is Sept 14 in Anchorage and Interior Alaska Hamfest is Sept 15 in Fairbanks.

It looks like Martin Cook N1FOC of ARRL's QSL bureau will be our guest this year. Check www.kl7kc.com for new information. ARES Net2000 Sunday KL7KC repeaters; Snipers 3920 at 1800; Bush Net 7093 at 2000; Motley Group 3933 at 2100; and Alaska Pacific Net M-F 14.292 0830.

PSHR AL7N 1/30 2/40 3/20 Total 90
SAR AL7N Received 31 Delivered 19 Orginated 5
Sent 31 Total 86
PSHR KL5T 1/40 2/40 3/20 4/5 Total 115
SAR KL5T Received 49 Delivered 24 Orginated 11
Sent 50 Total 134
PSHR AD4BL 1/3 2/40 3/30 Total 73
SAR AD4BL Received 20 Delivered 1 Sent 49 Total 70

Anchorage HF Pactor Gateway Checkins 53, Traffic 12 NM-AL7PI
Alaska Snipers Checkins 980 Traffic 27 NM-KL7GG
Bush Net Checkins 962 May, 1347 June
NM-WL7CFA
Big City Simplex Checkins 133 NM-KL7CY
Alaska CW Net Checkins 62 Traffic 86 NM-AL7N

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**SB QST ARL ARLB042
ARLB042 ARRL comments on FCC spectrum policy**

The ARRL has told the FCC that marketplace forces should not determine Amateur Radio spectrum allocations and that interference management is a technical, not an economic, issue. Those opinions and others came this week in response to a call in early June from the FCC Spectrum Policy Task Force for comments on various issues related to FCC spectrum policy.

"The value to the public of a vital, growing Amateur Radio Service, while perhaps only indirectly measurable in market terms, cannot translate to a marketplace ability to pay for spectrum, no matter what the mechanism," the League asserted. "The non-pecuniary character of Amateur Radio makes it uniquely unsuitable for market-oriented allocation processes." Such a policy, the ARRL said, would "preclude Amateur Radio communications."

The ARRL compared Amateur Radio spectrum to a public park or right-of-way. "Given the wide availability of Amateur Radio to the general public and its value as an educational and public service resource, the concept fits well," the League said.

The ARRL said that "economic balancing" among parties is not the proper mechanism to resolve interference issues. The League said that many interference issues are dealt with using technical

technical solutions that accommodate both parties. An economic model presumes a preference for one service over another, the ARRL asserted.

The ARRL again took advantage of the comment opportunity to reiterate its views on the deployment of unlicensed devices under Part 15 rules. Petitioners seeking authorization for new devices or technology that impacts licensed users should bear the burden of demonstrating the current state of use of the band by its own technical calculations or measurements in certain types of environments, the ARRL said. Noting its own participation in a noise study that will contribute to a better understanding about ambient noise, the ARRL said the FCC should require proponents of new devices or technology to provide "studies of individual and aggregate interference potential and effect on ambient noise."

The League also restated its view that unlicensed devices cannot be authorized unless the FCC determines that the devices "do not have a significant interference potential to licensed services."

Petitioners also should provide technical sharing studies every time they propose a new allocation or file a petition for a new unlicensed service, the ARRL said. The League's comments reiterated the goal of the Amateur Radio Spectrum Protection Act, now in Congress as HR 817 and S 549. The measure would provide equivalent replacement spectrum for the Amateur Service just as it typically does for users displaced as a result of spectrum auctions.

The full text of the ARRL's comments in this proceeding is available on the ARRL Web site,
<http://www.arrl.org/announce/regulatory/et02-135/index.html>.

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AMSAT NEWS SERVICE ANS-202

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

ANS is pleased to announce the 20th Space Symposium and AMSAT-NA annual Meeting. This conference is scheduled for November 7-11, 2002 in Fort Worth, Texas, and will chronicle recent and future Amateur Radio satellite technology developments, including an Electronic Surplus Stores tour on November 7th; a Field Operations Breakfast and a tour of the Lockheed Martin Aeronautics Company on November 10th. AMSAT Members are welcome to attend the AMSAT Board of Directors Meeting on November 10th and 11th. The Symposium's web page is on-line at <http://www.edtexas.com/amsat/> The Chair for the 2002 event is Keith Pugh W5IU.

Volunteers, AO-7 and other matters.

Recently there has been much discussion on the AMSAT-BB concerning the "Role of Volunteers" in AMSAT-NA. Well let me say that AMSAT-NA is consists almost entirely of volunteers. I am a volunteer, all the Board of Directors are volunteers, and almost all of our Officers are volunteers.

However we do keep asking for more volunteers, when we don't always use the ones that reply!

Why?

Very simply we need to have a pool of volunteers who are interested and available so that when a "Situation Vacant" occurs we can get it filled quickly. This particularly applies to designers and builders, who are generally very specialized in their areas of expertise.

Currently we have a shortage of Editors for ANS - we need two more - but we have recently filled two positions very quickly. In the next few months we will probably need some satellite builder expertise - but right now we need names and background information so we can put the right people to work at the right jobs when the time arises.

Also I need some people who would like to be considered as future Presidents of AMSAT-NA, do you have a background which would enable you to lead this organization?. If so let me know. The training is good, but the pay is.... well let me say Tax free and doubles every year .. if you know what that means!.

The volunteer survey, which was carried out earlier this year, has enabled AMSAT to select several "assistants" and other positions, please do not be discouraged if you do not get an immediate answer to your volunteer request. However as a recent AMSAT-BB E-mail said "Keep pushing" and let us know you are there and ready to work!. The Volunteer survey is still available, see the AMSAT.org web page, about half way down on the right hand side click on "Volunteer survey" to get a copy sent to you.

The re-discovery of AO-7 has raised many questions for satellite design, particularly when it was apparent that one of the uplink frequencies is no longer in the "Satellite part of the Spectrum". Of course AMSAT-NA is not a regulatory body and it is not up to us to tell you what to do, or what not to do! that is up to your regulatory body in the country in which you transmit. Please refer to them.

However AO-7 has raised a number of technical problems for future design.

Some of which are,

a) Should we be able to remove the batteries from the circuitry at the end of their life and keep the satellite operational on the solar cells only?

b) If so, with a multi-mode satellite how are we able to control the modes?

OR

c) At the end of battery life do we close the satellite down and return it to earth?

All these questions are tied in with future possible regulations, which may require that "orbital debris" be returned to earth, or burnt up in the atmosphere on re-entry.

Certainly the experimentation of trying to control AO-7 using operational codes will provide us with a great deal of knowledge and data for future designs. There are those who decry the attempts to control AO-7, but let us remember that AMSAT's progress in satellite design and development has come about from experimentation and knowledge, based on previous designs. There is still a lot we can learn from AO-7 and attempts to control it.

On a similar note using the RUDAK on AO-40 has taught us a great deal. It has also provided some of AO-40 sponsors with much valuable information, and may induce them to work with us again in the future. Yes, it is very frustrating when you cannot make a certain contact through the bird, because RUDAK is on at the only possible time. But this will not always be the case, and that valuable contact will eventually be made!

I understand from Martha, that the Ballots for the Board of Directors have now been mailed. Please fill out your ballot and return it promptly. There are five candidates to fill three positions - make your ballot count. May the best candidates win!

In the same mailing is the Registration Form for the Annual Meeting and Space Symposium, to be held in Fort Worth. Of all the attributes that attracted me to AMSAT, when I first joined, was the Space Symposium. Truly a wealth of knowledge which is made available for so little cost. Other organizations charge several hundred dollars for this type and quality of information. I strongly recommend you to attend, and meet the experts!

Also in your package is a President's Club membership form. Are you a President's club member? do you support the design, building and launching of our satellites?. Remember without satellites that satellite rig you have may eventually become far less useful!.

Join the President's Club and make sure that by your regular contributions, your satellite radio equipment remains useful. If you are already a member paying yearly then now is a good time to renew and I look forward to hearing that you are maintaining your support.

Enjoy your summer and have a great vacation

73

Robin Haighton VE3FRH
President AMSAT-NA \

Neil W6FOG has announced a new net for satellite beginners. The first session of the net was held on Wednesday, July 17, 2002 starting at 1900 hours PDT (0200 UTC). The net will continue to meet on following Wed- nesdays at this same time.

The first half hour from 7 PM PDT (0200 UTC) TO 730 PM PDT (0230 UTC) will be for the first time users to get people's feet wet on working FM satellites.

The 7:30 to 8:00 time slot will focus on training for working all the satellites, what it takes, antennas, radio's, tracking programs, and do it your self construction.

8:00 to 8:30 PM is the Question and Answer session.

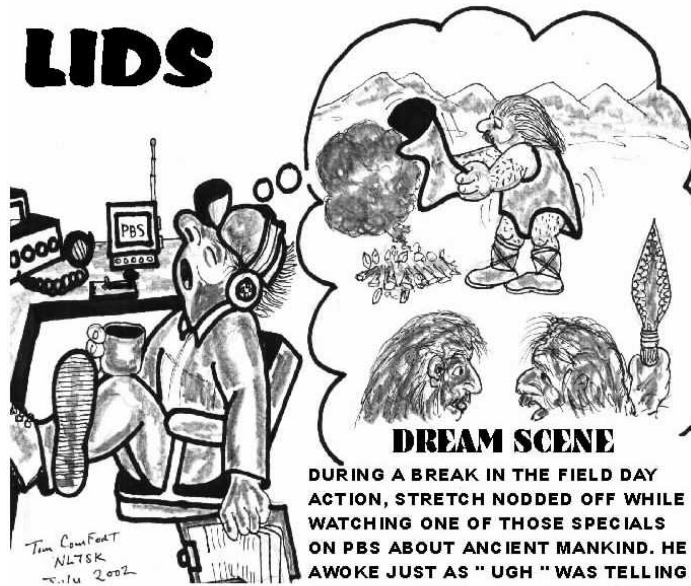
All of the net details, including the check-in procedure are on-line at:

<http://www.w6fog.net> .

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TIM COMFORT
NL7SK
JULY 2002

DURING A BREAK IN THE FIELD DAY ACTION, STRETCH NODDED OFF WHILE WATCHING ONE OF THOSE SPECIALS ON PBS ABOUT ANCIENT MANKIND. HE AWOKE JUST AS " UGH " WAS TELLING "ORK" THE SECRET OF BECOMING AN EXPERT SMOKE TALKER. SOMETHING ABOUT A TWIST OF THE WRIST AND A FLIP OF THE HIP. NOW WE WILL NEVER KNOW THEIR METHOD FOR DX-ING.