

Anchorage Amateur Radio Club

Elections Slide Show & Door Prizes on November 3rd

IN THIS ISSUE:

Nominations for Election

You Never Know Where a QSO will lead you

Phase 3D now set to Launch November 14th

Message from LT Landry, a SH60 pilot

Message from John E Lynn Jr. KL0CY

Nenana repeater

And Much Much More

Officers

President	John Lynn KL0CY
Vice President	Susan Woods NL7NN
Secretary	Lil Marvin NL7DL
Treasurer	Paul Spatzek WL7BF
Trustee	John Wolfe AA0NN
Activities Chairman	Edythe Lynn KL0EO
News Letter Editor	Edythe Lynn KL0EO
Membership Chairman	Fred Erickson KL7VC
Past President	Peter Bailey WL7BW

Three Year Board Members

Bruce McCormick WL7YR
John Orella KL7LL
Harvey Rookus NL7DK
David Stevens KL7EB

One Year Board Members

Corney Eastman KL0FK
John Murray NL7WW
Tom Stuart KL0QQ
Fred Erickson KL7VC
Mike Borer WL7CKB

AARC web page & Email contact addresses:

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

President to kl0cy@arrl.net

Webmaster to lawson@gci.net

Membership to frederickson@iname.com

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting

Email: KL0EO@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 Speed: 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 Emergency Preparedness 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

KL7ION at Mt. Gordon Lyon 3,940 ft

147.30/90, MHz - 80 watts, no patch, no PL

KL7AA, Mt. Alyeska, 2,400 ft.

146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL

KL7CC, Anchorage Hillside, SCRC & QCWA

146.97/.37 MHz, 30 watts, autopatch, 103.5 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

KL7AIR Elmendorf, EARS

146.67/.07, 107.2 Hz PL

KL7G West Anchorage & Events

449.65/444.65 MHz, patch, no PL

Anchorage & Mat Valley 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

146.41 MHz Mat Valley simplex chat

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

Internet Web links, the favorites from our readers

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

SCRC <http://www.home.gci.net/~vallee/scrc.htm>

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/alaskaares>

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

Fairbanks AARC:

<http://ffdlm1mac.uafsof.alaska.edu/aarc/aarc.html>

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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Rohn 25 tower 10' top for sale. Includes: 25AG2 (with 2" ID top tube), GA25GD Guy bracket with TB25D torque bars, AS25G rotator shelf. If New \$290, Will Sell for \$170.

George at 376-3865 or KL7DV@arrl.net

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I have the following items for sell. Icom 730 HF with power supply Rohn 25 top and middle section tower, Rohn 25 rotator plate and bottom plate, House bracket for rohn 25, Quad 10 meter antenna, 11-meter vertical ground plane antenna, 30' steel guided mast. Take any or all. Call David Stevens 345-6506

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**Regular HAM Gatherings:**

\* **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.

**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**

**November 2<sup>nd</sup>: 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.

**November 3<sup>rd</sup>: 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.

**November 7<sup>th</sup>: VE License Exam 6:30 PM,** 1st Tuesday of the month, it has been changed to **Hope Cottage** at 540 W International in the Board Room. Bring photo ID, copy of license (if any) and any certificates of completion.

**November 7<sup>th</sup>: 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 simplex.

**November 10<sup>th</sup>: 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.

**November 11<sup>th</sup>: VE License Exams at 2:00 PM.** 2<sup>nd</sup> Saturday of the month at Hope Cottage 540 W. International in the Board Room. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

**November 11<sup>th</sup>: QCWA Banquet** at the Northern Lights Inn, \$15 for members, \$20 for non-members. 6:30PM no host cocktails, 7PM Dinner, contact KL7CDG or KL7CC for reservations. Non-QCWA types (you young guys and gals) also welcome!

**November 14<sup>th</sup>: AARC Board meeting at 7:00 PM** 2<sup>nd</sup> Tuesday of the month at **Hope Cottage** 540 W. International in the Board Room.

**November 16<sup>th</sup>: 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.

**November 18<sup>th</sup>: ARES Planning Committee 09:30 AM to 12:00 PM.** 3<sup>rd</sup> Saturday of the month. Will be held at Alyeska Building.


**November 18<sup>th</sup>: PARKA Meeting at 11:00 AM.** 3<sup>rd</sup> Saturday of the month at Peggy's, across from Merrill Field

**November 24<sup>th</sup>: MARA meeting at 7PM** the last Friday of the month at the MTA office in Palmer.

**November 30<sup>th</sup>: 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.

**December 8<sup>th</sup>: All HAM Christmas Party** at the Northern Lights Inn, \$15.00 cost. 6:30PM no host cocktails, 7PM Dinner, later is Chinese Auction with some rules. There will not be an AARC or SCRC general meeting in December. Contact Jim Wiley, KL7CC (338-0662) or John Lynn. KL0CY (337-1091) to make reservations.

### **MISTAKES!**

 *If you find any mistakes in our newsletter, especially in the spelling of words, please consider that they are there for a purpose.*

*We publish something for everyone to keep everyone happy, especially those who are always looking for mistakes.....Keep smiling, your Editor*

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**The following people are running for seats as your club officers and directors for the year 2001. Please take a moment to review their position statements before casting your vote.**

### **President and Vice President**

#### **John Orella, KL7LL**

I have been a ham for 25 years. I have been a member of the AARC since 1980, and a life member since shortly thereafter. I spent four years in Bethel, then another thirteen years traipsing around the country for the US Public Health Service. Since 1997 I have been living and working around the Anchorage area. I have been actively involved with the AARC during this time frame.

While "on the road" I continued to follow, and enjoy, the goings on here via our newsletter. Additionally, I maintained contact with several members via letter and telephone. With repeated changes of duty station, I rarely had time to establish a fixed station to my liking. My preferences run more to HF than VHF/UHF/SUHF -- at this time. As mentioned in the September QST, however, this latter is prime grounds for exploration/experimentation/ and FUN! I look forward to being a facilitator for ALL hams with a myriad of activity preferences. In short, I want to promote an environment where anyone/everyone can feel they have a place to be and work from. We have a unique set of opportunities in the AARC to achieve shared objectives. The limits we place on ourselves are the only true "roadblocks" to attaining any our goals. We CAN be a place where projects are done at meetings, new spectrum uses are demonstrated, new uses for "old" spectrum are expounded upon and shown, civic involvement is encouraged and expanded, young people are welcomed via stimulation of their innate energy and curiosity, and more. All we have to prevent it --- Is us.

#### **Randy Vallee, AL7PJ**

My name is Randy Vallee. My call is AL7PJ and I am an Amateur Extra Class. I have been licensed since February of 1993. I am a self-taught ham for the most part as I used to travel around the western half of the state of Alaska as a Power Generation Technician.

I became a ham in order to learn about communications and I enjoyed talking on the radio.

I am an active member of the South Central Radio Club as Treasurer, BookStore Proprietor, Newsletter Editor, Webmaster for the club webpage, Interference Committee member and Trustee of KL7G call sign.

I have recently joined the AARC in order to become more active in the ham community. I am a VE with the AARC VEC and have been very active in administering Exams for new and upgrading hams.

I have been active in the Field Day for 6 years, operating, setup, breakdown and generally having a good time. I have also operated in the Alaska QSO party the last 4 years.

My goal for the AARC is

- 1) Promote Amateur Radio
- 2) Encourage other operators to become more active in the amateur community both in clubs and events

These things are simple in theory, but seemingly very hard to obtain as divided, as so many people appear to be in our amateur community.

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### **Secretary**

#### **Keith Clark, WL7CSR**

Hi! My name is Keith Clark, and my ham call is WL7CSR. I am running for the office of Secretary. I have been licensed since 1996, and hold a Technician Class ticket. I am working on my code, and plan to upgrade to General sometime within the next few months, possibly before the end of the year. I am 48 years old, married, and have lived in the Anchorage area for approximately 30 years. I am part owner of a local business.

My interests in ham radio include VHF and UHF work, plus investigating the uses of alternative energy (solar panels, wind generators, etc.) as they apply to ham radio. I have also become interested in the possibilities offered by the use of APRS (Automatic Position Reporting System) equipment during emergency operations and drills. I enjoy such things as Field Day and helping out with emergency drills and other public service events. As soon as I can get my HF privileges, I plan to set up a station and learn about working DX and maybe even contesting. QRP operating is also a potential area of interest.

I am running for this office because I feel that my talents can be of service to the club in this area, and because I am interested in working with the other board members (and the general membership) towards the goal of building up our resources in common for use during various events, and of course during emergencies. I am presently the Secretary for the South Central Radio Club, and have enjoyed that job very much. I hope you will be able to attend the upcoming meeting, and I look forward to meeting as many of you as possible. I am also looking forward to the challenges Amateur Radio will bring to all of us as we move forward to meet the future.

## Treasurer

### **Richard Block, KL0VP**

I am a newcomer to ham radio but not a newcomer to working with public service organizations or with radio facilities. I am a past member of Civil Air Patrol, where I served as Mission Observer and Squadron Legal Officer.

I have been and still am a member of Coast Guard Auxiliary where I have been an operational qualified coxswain and owner of an operational facility. I am qualified as Master Instructor, radio operator and have held posts as Flotilla Navigation Officer, Flotilla Membership Services Officer, Flotilla Communications Officer and District Membership Services Officer.

Although I am a new ham, I am acquiring a growing interest in the hobby, starting with a full array of VHF/UHF mobile and fixed based gear. I am expanding my interest in 6 meter and lower bands.

I do have qualifications for the position of Treasurer having served as Treasurer for my Church and on the Executive Boards of several not-for-profit organizations ranging in size from annual budgets of \$50,000 to annual budgets of \$10 million.

When not engaged in ham radio, I dabble in law and consult on insurance and risk management issues.

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## Activities Chairman

### **TJ Sheffield, KL7TS**

I am an Amateur Extra class operator who was first licensed in 1968. I used to win door prizes for the "youngest ham" but not any more! I've served as Activities Manager for the South Central Amateur Radio Club and have participated in many Public Service events. My amateur radio experience includes:

#### Iditarod Trail Sled Dog Race

First Amateur Satellite Communications Station (PACSAT), Rohn Checkpoint - KL5T operator

Checkpoint volunteer in the last "all HF" trail communications effort, Kaltag Checkpoint - 1993

Organized the Iditarod Radio School - licensed 15 new hams, including the Iditarod Air Force Chief Pilot

Iditarod Trail Communications Coordinator, 1994 - 1998.

Supervised approximately 130 volunteers each year

#### Amateur Radio Emergency Service (ARES)

Planning Committee member

Technical Committee member

First use of APRS in a citywide drill

#### Communications Volunteer

Volunteer Examiner (VE)

Volunteer Examiner Committee (VEC)

Assistant Section Manager (ASM)

HF Operator at the Anchorage Field Day site

Satellite Operator at the Anchorage Field Day site

First use of amateur radio at the Six Mile Paddlefest

First use of amateur radio at the Crow Pass Crossing

First use of amateur radio at the Friends of Pets Dog Jog

First use of amateur radio at the Anchorage Daily News Heart Run

First use of amateur radio at the Eagle River Classic Sprint Dog races

First use of amateur radio in an HH-60 Blackhawk helicopter, 210<sup>th</sup> RQS, Kulis ANGB

#### Contest Activity

ARRL Sweepstakes "clean sweep" - 1997 and 1999

CQWW DX Contest, All Band QRP CW winner, Alaska Division - 1998

**Marion Daniel, KL0UP** no information was submitted

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## Three Year Board Members, vote for 2

### **David Stevens, KL7EB**

Anchorage Amateurs; I want to serve the Amateur community. As soon as I was licensed in 1978, I became a member of Anchorage Amateur Radio Club. As life member number six; I have served as a board member and activities chairman. I have Two college degrees, twice been Section Manager of Alaska for ARRL, and have active run a small business in Anchorage for ten years. I have worked hard to upgrade to extra class.

The new license structure, APRS (Automatic Position Radio System) that ARES needs to help in an emergency, and to help have fun while promote amateur radio; I see many ways I can help the Anchorage Club. I will work hard to promote Amateur Radio and our hobby.

### **Mike Borer, WL7CKB**

I am a life long Anchorage resident and have been involved in amateur radio for the last five years. I am involved with the AMATEUR RADIO EMERGENCY SERVICE for at least the last four years, and am now the DISTRICT EMERGENCY COORDINATOR for Anchorage District 7 and am involved with the ARES PLANNING COMMITTEE. I have been a member of the ANCHORAGE AMATEUR RADIO CLUB for the last two years and have served for the last year as a one-year board member.

I am seeking election as a THREE-YEAR BOARD MEMBER, and eagerly look forward to the up coming challenges that face the club. We have a number of projects that are aimed at community service as well as community education that I feel are very important. I eagerly look forward to continuing to help guide the club and encourage greater participation from all of the club members.

I would appreciate your vote as well as all around support in the coming years as the board works to increase public awareness of the benefits of amateur radio in the community that we call home.

**Peter Bailey, WL7BW**

I have been interested in technical things all my life. In 1967 I finally earned General Class license WB6YVV.

Recently I was honored to serve the AARC one term as Activities Manager and two terms as President. During the second term I helped us express ourselves to the Anchorage Planning and Zoning Commission and to the Assembly regarding proposed antenna restrictions. Together we won total exemption for amateur radio operators. (smile!) I am most interested in helping children and youth develop their technical interests. One avenue open to us is becoming resources to students who are just now choosing topics to present at the Alaska Science and Engineering Fair next April. I would like to share this with others of you who are also interested in it.

**Simon Carraway, NL7VR**

Who is NL7VR? My name is Simon W. Carraway and I have been a practicing Chiropractor for the past 20 plus years here in Anchorage. I am 58 years old and have been an active ham in most modes since 1990. I have been a member of AARC since that time. I presently hold an amateur extra class license. My entire family (wife and 2 sons) are licensed hams. In the past I have served as Activities Chairman, 1 year board member and 3 year board member for a total of 6 years on the AARC board. When I first became involved in the club, we had approximately 350 to 400 members and typically had 50 to 100 people at meetings. When I was activities chairman I would usually sell \$200.00 to a high of \$600.00 in raffle tickets at each meeting. Some changes are needed. I believe that we need to work towards an educational program to get more people interested and involved in amateur radio and encourage the ones that are already licensed to upgrade.

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**One Year Board Members, vote for 6**

**Barbara Meyer, AL7OA**

I have been an amateur radio operator for about 12 years. I got my general license because my husband had gotten his and it seemed like an interesting hobby. I upgraded to Amateur Extra class about 8 years ago. For the most part I talk on two meter when I'm on at all. I enjoy helping with ARES drills and helped with the Fur Rondy races a few times as well.

**Benjamin Walters, KL7BGC**

I am 66 years of age. I was born in Ventura, CA and educated there and in Homer Alaska where I graduated from High School in 1952. I have been an amateur radio operator in Alaska since 1965. My call sign has remained the same from the beginning. My preparation for the general class license was somewhat less difficult because I was a US Navy radio operator for five years prior to returning to Alaska. At that time, CW was the primary method of communicating from ship to shore. During my military service I was licensed to use a speed key---bug---on navy circuits. In fact I held license

number 5 for the Marianas Island Command. I am now a retired lawyer and able to spend more time with my hobbies. I always enjoyed amateur radio but have not been able to devote the time to it that I would have liked. I am not a technician. My understanding of the current theory and practice is somewhat stale. I have set a goal for myself to obtain the extra class license during this coming winter. I'll be checking with some of you to ask for help. Because of my somewhat unsettled future as a retiree, I have agreed, if you will have me, to serve as a one-year board member.

**Bill Reiter, KL7ITI**

I've been a ham since 1963, hold and hold an Extra class license. I have been a member of the AARC since 1975 and a life member since 1980. I have served as Activities Manager (75-76), director (76-78) and trustee (78 - 93). I've decided to run for director to bring some of the corporate memory back to the board.

**Cathy Feaster, KL0OD**

Licensed as No Code Technician April 1998 with the help of my "Elmer", KL7KB. Have lived in Alaska since 1974. Is a nurse practitioner and currently working with the Municipality of Anchorage Health Department. I am interested in becoming more involved in ARES.

**David Stevens, KL7EB**

*See bio under 3 year board members*

**Ed Maher NL7VP** no information was submitted

**Mike Borer, WL7CKB**

*See bio under 3 year board members*

**Hannelore Kelliher, NL7EA**

I have been a life member of the AARC since 1984. I have not always active, but one that has always had the interest. I am a General Class licensed Hamster. I enjoyed working for all the different dog races, Walk for Hope etc. I never had the pleasure of being on a board, but feel the time has come in my life where I consider myself to be ready to give it an honest try.

**Jim Tvrdy, KL7CDG**

My name is Jim Tvrdy and my call is KL7CD and a G, which was modified from W7OIJ, and Idaho call. I first came to Anchorage in May of 1956. I worked for Philco as a TechRep and was assigned to Elmendorf AFB as a Field Engineer. I soon joined the Anchorage Amateur Radio Club (AARC) and over the years, held at one time or another, all offices. I've seen the AARC grow from as few as six members to the large club as it is now.

I am a member of the South Central Amateur Radio Club (SCRC) where I presently am a director and have held various offices within the club. I am a member of the National Quarter Century Wireless Association (QCWA) and local Northern Lights Chapter 92. I have held all offices with the

local Chapter and have held the office of President for a period of 4 years and again for the past 3 years. Also, for the past 11 years, I have run the weekly QCWA Information net on two meters (146.97 repeater) on Sunday night an 8 PM. Around 1967, I joined the Civil Service and since then, have worked at the Elmendorf Precision Measurement Lab, the FAA where I established a Test Equipment Calibration Lab and finally as an Assistant to The Frequency Management where my duties were mostly hunting down RFI and performing radio site surveys. I believe that any organization should utilize the experience and guidance of its older members and if elected to the office of Director, I shall offer this knowledge for the Board to draw from.

#### **Marium Clare, WL7CFA**

My name is Marium Clare, mom (4) grama (11). Those are my most important accomplishments. I am an R.N and doing on call office nursing. I have a general ham license and have been a member of the Anch Amateur Radio Club for about 5 years. I Manage the Bush Net which is on every evening at 8pm on 7093. All those who help with the net are wonderful so there isn't much for me to do. I have lived in Alaska for 38 years, home is Anchorage but have lived in the villages of Bethel, Mekoryuk, Dillingham, and Kodiak. I hope to see a great continuing future for Amateur Radio and hope to contribute in some small way.

#### **Peter Bailey, WL7BW**

*See bio under 3 year board members*

#### **Ray Monfore N7CFF** no information was submitted

#### **Simon Carraway, NL7VR**

*See bio under 3 year board members*

#### **Susan Woods, NL7NN**

My name is Susan Woods, NL7NN. I have been an active member of the Anchorage Amateur Radio Club since 1987.

#### **William Theuer, KL0QK**

I am an active participant in ARES. The last six years I have served as a volunteer with the Disaster Action Team, American Red Cross. I am a volunteer with the Anchorage Police Department's Auxiliary Search Team. Amateur Radio in exercises and incidents has given me a profound appreciation for the dedication of the community of amateurs who support the systems. I look forward to learning more about the people as well as the technologies of communication.

#### **Douglas "Woody" Duncan, KL0TS**

I'm a fairly new ham. I started back in the 70's to obtain my ticket following the ins and outs of what was going on in ham radio. However I never accomplished it until a year ago. I enjoy sharing about ham radio & encouraging everyone I meet

to look into the "free & fun" way to communicate to people around the world.

I've found our 'hobby' to be an excellent way to give back to the community some of the help and friendship that's come my way over the years. I enjoy helping out at our various events and would like to see us expand in ability and membership.

We are in a unique juncture in time. Technology has expanded in so many areas. Computers have replaced a lot of things to the point where there's little personal interaction going on. Ham radio can & should fix that. It's still less expensive than a computer and a whole lot more fun!

I'm looking forward to working towards expanding our future and hope I have your support.

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### **YOU NEVER KNOW WHERE A QSO WILL LEAD YOU**

**Glenn KL0QZ**

While monitoring the repeaters late on September 10th, I heard KL4E (Craig Bledsoe from Eagle River) call CQ. I answered his call, and he soon invited me over to the Super 8 to participate in a satellite comms. demonstration at 10pm. With the heavy rain that night, I wisely chose to meet him and Hal Cleek from Juneau for the noon pass the following day.

To back up a little, I bought my Yaesu 50RD HT after reading that it could be used effectively for satellite comms. but never knew enough about satellite repeaters to use it. I was therefore very interested in this opportunity to learn from the expert. Craig had his Yaesu VX-5R connected to a handheld Arrow dual-band beam antenna, and he directed me to point it NNE at the horizon. Very soon we heard the satellite's static and then heard WL7BD ("Big Dan" O'Barr) in Anchorage. His transmissions were as clear as those on our own repeaters, and Craig told me that Dan provided the information on satellite passes that we were using on this UO-14 satellite. After a short QSO with Dan, another ham in Tacoma made contact with us. By the time we finished with him, the satellite had passed overhead and soon we lost contact as it dipped below the horizon. This pass was relatively high (about 50 degrees elevation) so this was a relatively long window of opportunity. The lessons that I learned from Craig that afternoon were many. First, you need the satellite pass information to quickly access the satellite (i.e. when you hear its static signal). Next, you need a dual band radio and antenna for a 2m uplink and a 70cm downlink. The Arrow beam antenna that we used was designed for satellite comms. and it was very effective connected to Craig's VX-5R. Next, the radio has to be programmed for the duplex operation on the satellite's frequencies. Because of the doppler effect, the frequencies change slightly as the satellite passes from horizon to horizon and the radio also must permit returning in 5 kHz steps. We found that it was really a 3-person job pointing the antenna, adjusting the radio and holding a QSO that day.

Since my introduction to the satellite world, the same bug has also bitten NL7XZ (Bob S.) and WL7QC (Bob D.). We layed with Bob D's and my new Arrow antennas at Bob S's home recently and found that we too can have great QSO's via satellite. (Pictures of that day are available from Bob S.) One of my best QSO's via satellite has been with VE6EGN (Egon Backe) who lives near Edmonton, Alberta. When I drive south this month, I'll pass very close to his home QTH, and he has invited me to stop for coffee. Bob D. has mounted his Arrow antenna on a tripod, which makes one-person operation much easier. So, are you interested in making your own satellite contacts? The best place to start is to read the April and August 2000 "QST" articles on satellite comms. Then check out "Big Dan's" website at:

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

for pass tables for AO-27 and UO-14 or get the appropriate AMSAT software to create your own tables. Craig travels to Juneau occasionally with his job in the Alaska State Defense Force, and he has offered to give a presentation to club members at one of the monthly meetings over the winter. He can be contacted at: KL4E@ARRL.net. The club will soon have much homegrown satellite "Elmers" too who will be eager to pass on this relatively new way of communicating. The next time you see people out in a field with a handheld beam check to see if they are other hams, or just tracking wildlife that has been collared.

73's, Glenn KL0QZ

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#### REPORT FROM THE USS COLE – Persian Gulf

The following message from LT Landry, a SH60 pilot serving in the Persian Gulf, was forwarded to me.

"It wasn't until a few days ago though, that we started doing something that I feel may be the first thing I've seen in my short naval career that has truly made a difference. Right now we're supporting the USS COLE and her crew in Aden. When the attack occurred we were a day away. Just by luck we happened to be on our way out of the Gulf and headed towards the Suez and could get here in a relatively short amount of time.

I know what you all have seen on CNN, because we have seen it too. I just want you all to know that what you see doesn't even scratch the surface. I'm not going to get into it for obvious reasons. But I will tell you that right now there are 250+ sailors just a few miles away living in hell on Earth. I'm sitting in a nice air-conditioned stateroom, they're sleeping out on the decks at night. You can't even imagine the conditions they're living in, and yet they are still fighting 24 hours a day to save their ship and free the bodies of those still trapped and sends them home. As bad as it is, they're doing an incredible job.

The very fact that these people are still functioning is beyond my comprehension. Whatever you imagine as the worst, multiply it by ten and you might get there. Today I was tasked to photograph the ship and surrounding area. It looked so much worse than I had imagined, unbelievable really, with

debris and disarray everywhere, the ship listing, the hole in her side. I wish I had the power to relay to you all what I have seen, but words just won't do it. I do want to tell you the first thing that jumped out at me - the Stars and Stripes flying. I can't tell you how that made me feel...even in this God forsaken hellhole our flag was more beautiful than words can describe. Then I started to notice the mass of activity going on below, scores of people working non-stop in 90 plus degree weather to save this ship. They're doing it with almost no electrical power and they're sleeping (when they can sleep) outside on the decks because they can't stand the smell or the heat or the darkness inside.

They only want to eat what we bring them because they're all scared of eating something brought by the local vendors. Even with all that, the USS COLE and her crew is sending a message guys, and it's that even acts of cowardice and hate can do nothing to the spirit and pride of the United States. I have never been so proud of what I do, or of the men and women that I serve with as I was today. There are sixteen confirmed dead sailors who put it on the line for all of us, and some of them are still trapped here. Please take a minute to pray for their families and say a word of thanks for their sacrifice - one made so that we can live the lives that we do. All of you that serve with me thank you. All of you that have loved ones that serve, thank you."

V/R - LT Landry

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#### PHASE 3D NOW SET TO LAUNCH NOVEMBER 14

The next-generation Phase 3D Amateur Radio satellite is scheduled to go into space Tuesday, November 14, from the European Spaceport in Kourou, French Guinea. Launch agency Arianespace announced the revised launch date for the Ariane 5 Flight 135 this week. The launch was delayed from a tentative October 31 launch window opening after another payload aboard the flight was late in arriving at Kourou. AMSAT-DL Executive Vice President Peter Gulzow, DB2OS--who's heading up the Phase 3D launch campaign--says Phase 3D has passed all of its pre-launch inspections, testing, and preparation and is "ready to fly." Gulzow has been filling in for Phase 3D Project Leader Karl Meizer, DJ4ZC. AMSAT News Service reported this week that Phase 3D was being moved into the final assembly building at the European Spaceport, where it will remain "on hold" until the launch date. Once the other Flight 135 payloads arrive, all will be mated to the Ariane 5 launch vehicle. In addition to Phase 3D, the Ariane 5 will attempt to orbit the PanAmSat PAS 1R communications satellite and two British Space Technology Research Vehicle microsattellites, STRV 1C and STRV 1D. Phase 3D will be the largest Amateur Radio payload ever put into space. Once in space, Phase 3D will be nudged by its onboard thrusters into an elliptical orbit that will put it some 2500 miles from Earth at its nearest point, and nearly 30,000 miles at its farthest. After Phase 3D is in its intended orbit, it's expected to be a few months before it's commissioned and

ready for general amateur use. For more information, visit the AMSAT-NA Web site, <http://www.amsat.org/>.

**US call signs issued for space station operation:** Two new call signs have been issued for US Amateur Radio operations as part of the Amateur Radio on the International Space Station program. The FCC granted vanity call signs NN1SS and NA1SS to the International Space Station Amateur Radio Club on October 11. The ARISS initial station equipment plus supplies that the ISS Expedition 1 crew will need later this year were delivered to the ISS last month by the space shuttle Atlantis. The gear has been stowed aboard the ISS until the Expedition 1 crew of US astronaut Bill Shepherd, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko comes aboard sometime in early November. A Russian call sign, RZ3DZR, and a German call sign, DL0ISS, also have been issued for use aboard the ISS. For more info, visit the ARISS Web site, <http://ariss.gsfc.nasa.gov/>.

**Other news:** KL7FZ has acquired a 10 GHz transceiver from e-bay and we have plans to try a shot from Anchorage to Nikiski [60 miles]. Curt Law, AL7LQ, is installing a 10 GHz beacon on Mt. Pillar above Kodiak pointed toward the Kenai Peninsula. I will be trying to pick up the beacon from Diamond Ridge above Homer [133 miles] and at home in Nikiski [233 miles]. Anchorage hillside is about 50 miles further and it is possible that a 10 GHz shot to Kodiak could be made under favorable atmospheric conditions [tropo-ducting]. - 73, Edward R. Cole

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#### **Important vote at the November meeting!**

Your board of directors has recommended that the club purchase 2 power generators, one for each of the available tower-trailers (AARC and SCRC). These would greatly enhance the capabilities of these systems by making the missing critical component (power) available at the same time as the antennas, a crucial need when responding to emergency situations where commercial power is unlikely to be found.

The technical committee has recommended they units to be purchased, and presented a plan for how to install them. And, a local vendor has offered us a substantial discount for the units.

We tried to vote on these units at the October general meeting, but unfortunately, a quorum (25 members in good standing) was not present. We tried to garner proxy or voice votes via telephone, which resulted in overwhelming approval of the project (35 yea, 2 nay) but unfortunately, this was later determined to be an improper procedure, so the vote was declared invalid. (see below)

At the October board of directors meeting (held following the general membership meeting), the board voted that the October meeting vote with telephone participation was not valid. The board also voted to once again present the proposal to the membership at the November meeting. The recommendation for presentation is for not to exceed \$15,000

for the generators PLUS related materials to complete the installation of the generators on the antenna trailers. This re-confirms the board action in the September meeting. We deliberately avoided specifying the exact generator size so that the purchase could be made based on the best deal without leaving an opportunity for further objection on this detail. The dollar amount to be presented now includes the installation material, where the October vote was only for the generators themselves.

The board studied the Articles of Incorporation, Bylaws and Rules of Procedure along with Robert's Rules of Order. We found that Proxy's only apply to elections of officers and board members and do not apply to issues. We also found that the Bylaws require (physical) presence and therefore do not support participation by telephone, radio etc. We have been unable to find anything requiring prior publication.

We will also be electing officers at the November 3rd meeting. We really need to have a quorum at this meeting and urge you all to attend, if at all possible.

If we can get it assembled in time, we will also present recommendations for a budget, including grants and charitable contributions. We are under the gun to distribute about \$78,000 dollars. If we approve the \$15,000 for the generators, that still leaves 63,000.

Proxies will not work for the generator vote and any person attending may only hold one proxy vote for the elections.

We will have an interesting slide show of people and activities along with a super door prize, so mark down November 3 on your calendars!

73,

John E Lynn Jr. KL0CY

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## **MAKE A POINT OF ATTENDING THE NOVEMBER GENERAL MEETING**

**GREAT DOOR PRIZES**  
**(MFJ Antenna Analyzer- Brand NEW!)**  
**Plus lots of other stuff**

**VOTE FOR NEW OFFICERS**  
**(and other very important issues)**

**MAKE CHRISTMAS PARTY  
RESERVATIONS**

**GREAT SNACKS TOO!**

**Nenana repeater**  
**By**  
**David Stevens, KL7EB**

So you want to put a repeater up. That is a noble cause. I use to dream about great repeaters. I would laugh when the Motorola persnnel would say a repeater cost \$10,000.00 dollars. I don't laugh anymore. Now let us look at what the Nenana Hill Repeater took to get up and working.

We take an emergency coordinator, Terry Preston, WL7TY, with an advance class license; let him drive 50 miles to his homestead once or twice a week. Bingo, we have a dream. We add to this the fact that he has retired with communication as a major occupation. The Nenana Amateur Radio Club is formed. Tests are run. Donations solicited.

National Bank of Alaska donated their old used Microwave tower from the Russian Jack branch. Terry Preston, WL7TY, and the other members of the Nenana Club requested \$4,000.00 from the Anchorage Radio Club to move the tower and put the tower in the concrete. Anchorage Amateur Radio Club's VHF committee members Rick Marvin, KL7YF, and Doug Dickenson, KL7IKX, provided equipment and technical advice. AARC's president Peter Bailey, WL7BW, inspected the site and also provided support for installation of the tower. The lightest section weighs 535 lbs. The Arctic Amateur Radio Club VHF committee also provided time, advice, and equipment. It should be noted that it took well over \$4,000.00 to put in the 27 yards of concrete and stand the tower up. Do you still want to put a repeater up? Well, several others provided critical support as noted below.

1. Yutana Barge Lines has permitted us to use space in their repeater shack as well as use of their tower and power line for the past several years. The location of this site is uniquely well suited for coverage of our area of interest.
2. NBA donated the 60' tower, which was previously located at the Russian Jack branch. This tower is especially well suited for this location where the extensive guying that would be required for a lighter structure is not possible.
3. Terry Preston along with Paul Young, Tom Zimmerman, and Jeff Muhlbauer of Universal Welding and Fabrication directed the project, loaned the club equipment and funds. Also provided labor, materials and many hours of expertise.
4. Terry carried out the tedious task of securing appropriate Agency approval of the tower installation. (This required approval from BLM, the FAA, the Alaska Railroad Corporation and Yutana Barge lines. He also coordinated the frequencies with Mell Bown, KL7GG.)
5. Dale Greinke of RA Environmental, Inc. did the excavation for the base. Di Burk was instrumental in securing site preparation services at remarkable low cost (\$100.00). At her waitress Job, she talked the men she was serving into taking their backhoe up the Nenana Hill and digs the hole. Ha, they just made a three-side square four feet deep pit. (The forth side was down the hill and had to be blocked and supported with rocks.) Hank Ketzler and Mike Holz of Nenana Lumber donated materials for the forms and provided storage space for the tower.

The repeater frequency is 147.06/147.66 with a 103.5 PL tone. It is tied into the 146.88 repeater system in Fairbanks and therefore has an auto patch on it. The repeater is open to all and anyone traveling in the vast region served by the repeater is welcomed to use it. Vast Region? Yes, 30-watt ground level signal provides a reliable link from most of Fairbanks locations (60 miles north), south through Nenana, on 50 miles to Mount McKinley, and west of Nenana for 75 miles. This repeater provides emergency communication for over 50 homestead parcels and substantial seasonal use of property owners, residents, travelers, hunting, fishing, trapping, snow machining, and dog sledding.

The repeater has already served as emergency communication for several years and greatly enhanced the safety of travelers and residents throughout the region. On the day the hook-up was completed, June 12, 1999, as the workers were leaving they came upon an accident. A car had hit a bear truck. The amateur got on the repeater used the auto patch, getting both the state police and ambulance. This made all the effort well worth while for all involved.

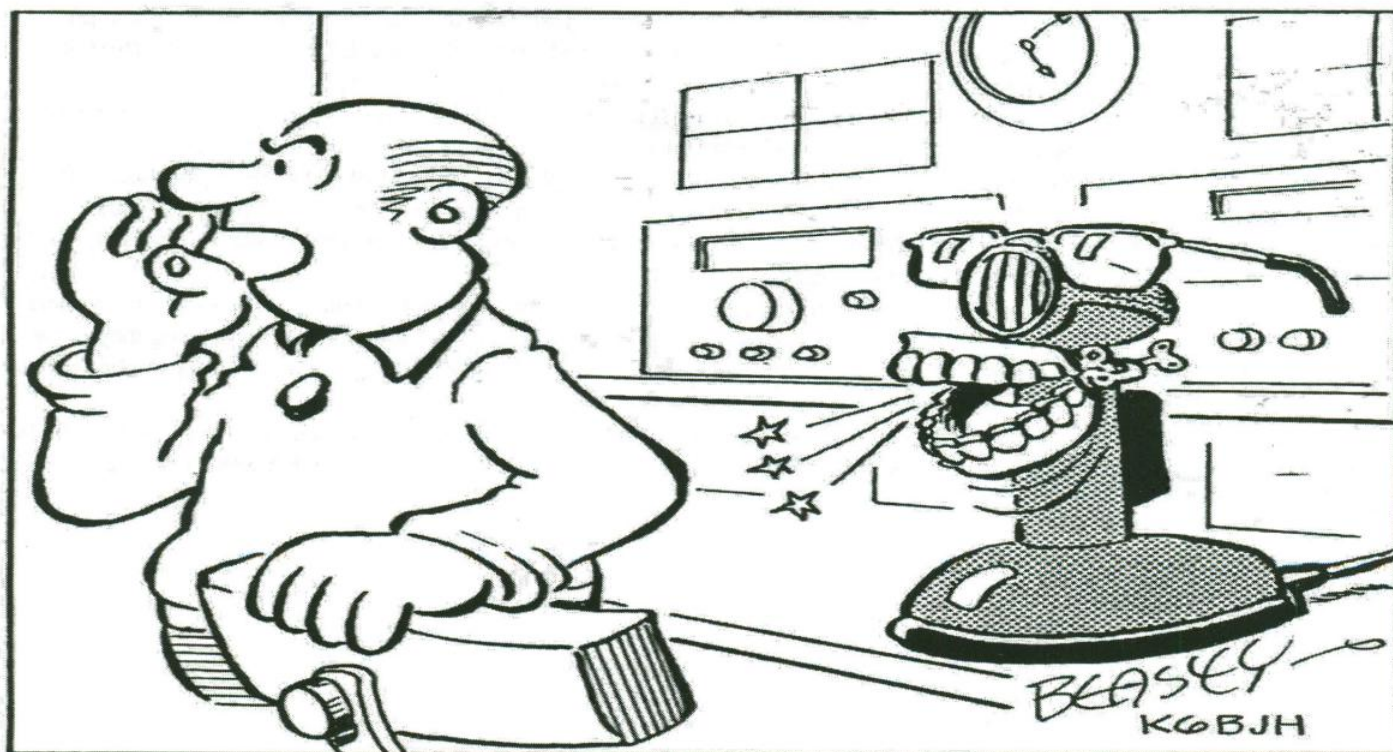
So you still want to put a repeater up? Well good luck to you. I don't know of any GOOD repeater that just cost \$10,000.00. Remember GREAT REPEATERS take a lot of work from a lot of good people. Nenana Amateur Radio Club web site: [www.geocities.com/narc99701/NARC\\_homepage.html](http://www.geocities.com/narc99701/NARC_homepage.html)

David W. Stevens, KL7EB  
ACC (Affiliated Club Coordinator)

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VERY FUNNY !