

The February 2000 Meeting...

**Where: SPACE SYSTEMS/LORAL
Bld 3 Auditorium**

**When: Thursday, 10 February 2000
High Noon**

Subject: Klub Business

REPEATER
REPEATER
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REPEATER

Good-bye W6APZ, Hello N6NFI

N6NFI will be the call sign heard on the 145.230 repeater beginning the second week in February, 2000. Rich, W6APZ, is turning over the trusteeship of the repeater to Rolf Klibo, N6NFI. Rich will continue to serve as one of the control operators for the repeater.

Rolf has been an active control operator for many years. In addition, Rolf has done design work on repeater features such as the Digital Voice Recorder that provides notices of club and ham-related events in the area, the S-Meter and other repeater functions. All trustee-related functions and questions should be directed to Rolf after February 14. This includes requests for announcements of club meetings, requests for ham volunteers to provide communications for special events, permission to use the repeater for a particular net or special event, etc. 145.23 will continue to be an open repeater available to the ham community as a resource. The main reason for requesting permission to use the machine is to avoid two groups' assuming the repeater will be available for their use when they want it. The trustee serves as a clearing house to minimize conflicting requests and maximize community use of the repeater.

All prior repeater commitments will continue to be honored, such as the dedication of the machine for the Hospital Net in times of emergency or for drills, as well as existing club nets.

Rolf can be reached via email at: klibo.rolf@ssd.loral.com or by phone at 650-852-7633 at work. His home phone is 650-856-2748. Tom Holden, KN6KL, who has also served as a control operator for many years and has done much design work on the repeater, will act as a backup to Rolf. Tom can be reached via email at: holden.tom@ssd.loral.com or by phone at work at 650-852-4519 or at his home: 408-396-5588.

Operation of the 145.230 repeater has been and will continue to be a joint effort by the SRI Amateur Radio Society (SARS) and the South Peninsula Amateur Radio Klub (SPARK). Over the years, many hams from both groups have pitched in to do everything from the grunt work of cleaning up the repeater site to designing new repeater hardware, to normal repeater maintenance, to dropping everything to provide repairs needed to keep the repeater on the air. This has been a cooperative group effort over the years, and Rich, W6APZ, is appreciative of everyone's efforts.

The above message is being sent out to area clubs and emergency coordinators so that hams will not be surprised by the change in the repeater's call sign. I have taken the appropriate steps through NARCC (Northern Amateur Relay Council of California) to have SPARK's sanction modified to show the new repeater call: N6NFI.

I appreciate the confidence SPARK members have shown in my trusteeship of the repeater. While my call has been on the machine, maintenance and improvements on the repeater have truly been a group effort, with each person doing what they could, when they could. I appreciate everyone's help in making my job easier and request that we all continue to support Rolf in his new roll as trustee. There are many repeater projects that could be worked on, and I'm sure Rolf would appreciate hearing from you as to your interests in helping.

73 de, Rich, W6APZ, e-mail: w6apz@arrl.net

The Prez Sez...

This is my first opportunity to address you as a club officer in quite some time. I did not make any campaign promises, in fact, there was no campaign and I was not even present when I got elected. Now that I have been given the responsibility of running the club, you do have my promise that I will do my best. I leave the country often on business, it's one of the things that comes along with working in the new business area. I ask for your understanding if I can not make all of the meetings due to my travel.

Almost right after the election, I was involved in a decision that has one of the biggest impacts to our club since I have been a member. We are going to make a change in the trustee of the repeater. Rich, W6APZ, has done an excellent job of running the repeater. It's not an easy job and he was always on call. I think the significance to his contribution to the club and the local ham community can not be understated. My hat's off to Rich, more on this later. There will be some information in the repeater section of the newsletter.

Let's all give a big welcome to our new repeater trustee, Rolf Klibo, N6NFI. I am sure with the change in the repeater call sign that we will all have his call sign memorized before long. Rolf has a lot of work ahead of him and we should all offer our support. Along with his appointment as trustee, we are in need of a new treasurer and more repeater control operators. Back-filling these positions will be the main focus of our next meeting. There is a lot of club business to discuss, so I hope you will attend.

73 de Tom

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"Gentlemen...tonight we will begin the Malicious Interference Net with a round of anonymous whistling, followed by free style profanity. Remember...no call signs!"

The Prez Sez...Some More

As your SPARK Klub president for the year 2000, I need the help of each of you. Do you have a topic or guest speaker that you would like to see at one of our club meetings? Do you have a topic that you would like to present?

I need your input and suggestions. I am willing to do the leg work to get things set up but the quality of our club meetings depends greatly on YOUR suggestions.

Please send any comments to me via e-mail at holden.tom@ssd.loral.com

There is currently no program for February, but we do have a lot of Klub business. I want February to be the LAST meeting without a program. With your help I can make that happen.

Meetings 2000

This year's proposed meeting dates are:

March 9	August 3
April 6	September 7
May 4	October 5
June 1	November 2
July 6	December 7

The first three meetings of the year are actually the second Thursday of the month because of the New Year's Day position in the calendar and succeeding four week periods.

A Note From the Treasurer

The race for 13 WPM continues. With two and a half months to go I'm still at about 10 WPM, but getting a bit better.

And now for business: Dues are due for 2000, at t \$10 per year. I hope to see you at the meetings, or you can send them in to me at:

Rolf Klibo
3825 Fabian Way, MS G-16
Palo Alto, CA 94303

If you have any comments on the proposed budget included with last months newsletter, please send them in. Any ideas?

73, de Rolf, N6NFIARRL

Hedy Lamarr, Actress and Inventor, SK

Hedy Lamarr, the sultry, sexy screen star of the 1930s and 1940s who also conceived the frequency-hopping technique now known as spread spectrum, has died. Lamarr was found dead in her suburban Orlando, Florida, home January 19. She was believed to be 86.

Born Hedwig Kiesler in Austria, Lamarr came to the US in 1937 after being signed by MGM. Among her most successful films was the 1949, directed Cecil B. DeMille classic, Samson and Delilah.

In her 1992 book *Feminine Ingenuity*, Lamarr described how she came up with the idea of a signaling device for radio-controlled torpedoes that would minimize the danger of detection or jamming by randomly shifting the frequency. She and composer George Antheil developed the concept and received a patent for it in 1942.

The concept was not developed during World War II, but when the patent expired, Sylvania put the idea to use in satellites. Spread spectrum also has found applications in wireless telephones, military radios, wireless computer links, and Amateur Radio experimentation.

A more-detailed version of Lamarr's role in spread spectrum is described in the IEEE book *Spread Spectrum Communications*, published in 1983

A Note from Your Newsletter Editor

If you are not receiving e-mail messages from me once or twice a month, then I don't have your e-mail address. Please send me a message at hendra.gary@ssd.loral.com, so I can get your address.

Last year, in an effort to cut down on the amount of work to produce the newsletter, and save SPARK postage costs, I began e-mailing the newsletter out in Acrobat PDF format. If you do not have Acrobat Reader, you can get it for free from <http://www.adobe.com>.

Pacific Division Update

February 2000



By Jim Maxwell, W6CF, Director, Pac Division, ARRL
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Pacific Division Update to Continue

Happy New Year! With all the predictions of doom that were about and among us during the closing months of the 1900s, it was a pleasant relief to wake up on the morning of Jan. 1, 2000. (Don't the "1900's" seem absolutely quaint now?) We're still here, the world didn't stop spinning, so it is my pleasure to continue a tradition established by Brad Wyatt, K6WR: the tradition of a monthly Pacific Division *Update*. During Brad's six-year tenure as Pacific Division Director, he wrote an edition of the *Update* each month, without fail. There were fully 72 issues published without a miss. Brad wrote the *Update* each month, while I (W6CF) edited, published, and distributed it by email. The copies sent by regular USPS mail were printed, stuffed in envelopes, stamped, and mailed by a crew of volunteers consisting of W6CYX, AA6GU, K6JFW, W6NZQ, N6NAD, K6RQ, W6RN, K6WR, AA6Z, non-ham Jim Shriver, and others. The group has agreed to continue with their invaluable help, and I am therefore doubly pleased to acknowledge their contribution.

Restructuring Announced by FCC

The Big News of the month, of course, is the release, just before the turn of the century, of the FCC's Report & Order on Amateur restructuring. Briefly, the FCC has decided to reduce the number of Amateur license classes to three: Technician, General and Amateur Extra class. Technicians will continue to have all privileges in all Amateur bands above 30 MHz, Generals will have privileges in all Amateur bands with the exception of those segments reserved for the Extras, while Extras will enjoy all Amateur privileges. Technicians will continue to have no Morse code requirement, while the Morse requirement for Generals and Amateur Extras will be reduced to five words per minute. Existing Novice and Advanced class licenses will be renewable, but no new such licenses will be issued.

The chairman of the Question Pool Committee, Ray Adams, W4CPA, has stated that a revised question pool should be released by February 1, or very shortly thereafter. This new question pool will reflect the new examination requirements effective April 15.

A summary of the changes in the US licensing structure may be found in February *QST*, which will be arriving in the mail over the next few days. More complete information is available on the ARRL Web Site at <http://www.arrl.org/news/restructuring/> and at <http://www.arrl.org/news/restructuring/faq.html>. Additional information will, of course, also be released in *QST* prior to April 15.

New ARRL Action on PRB-1 Extension

The ARRL wants the FCC to declare that its limited federal preemption policy known as PRB-1 applies to amateurs who live in areas governed by deed restrictions, covenants, CC&Rs, or condominium regulations just as it does to hams regulated solely by local zoning laws. Accordingly, in 1996 ARRL filed a Petition for Rule Making, asking that the Commission expand and clarify PRB-1. However, in November last year, almost four years after the ARRL's filing, the FCC rejected the petition. The FCC said PRB-1 excludes restrictive covenants in private contracts as "outside the reach of our limited preemption," although it strongly encouraged associations of homeowners and private contracting

parties to "follow the principle of reasonable accommodation" with respect to Amateur Radio. But the FCC drew the line at proposing specific rule changes to bring private restrictive covenants under the umbrella of PRB-1. In December, therefore, ARRL filed a Petition of Reconsideration, asking the FCC to rethink its November dismissal. In its December Petition, the League said the FCC's disclaimer "is no longer a valid premise" and no longer accurately reflects FCC jurisdiction over private land use regulations. Since the advent of PRB-1 in 1985, the ARRL pointed out, the FCC has made it clear that it has Congressional authority to prohibit restrictive covenants that could keep property owners and even renters from installing antennas to receive TV, satellite and similar signals. The League asserts the same principle applies to Amateur Radio, in which the FCC has said it has a "strong federal interest."

A copy of the ARRL's Petition for Reconsideration is available at <http://www.arrl.org/announce/regulatory/prb-1/prb-1-recon.pdf>. Thanks, ARRL.

ARRL Purchases Communications Quarterly

The ARRL has purchased the Amateur Radio technical journal *Communications Quarterly* from CQ Communications and will merge the publication with the League's technical journal *QEX*. The change becomes effective for subscribers starting with the March/April issue of *QEX*. The new combined publication initially will serve a joint readership of more than 7000. The magazine will bear the legend, "*QEX, incorporating Communications Quarterly*."

Thanks, ARRL Letter.

KF6RCO Appointed East Bay Section Manager

Andy Oppel, KF6RCO, has been appointed by ARRL HQ to serve as Section Manager for the ARRL East Bay Section, to fill the post vacated by Bob Vallio, W6RGG. Oppel, ex-WB3FCV, has been East Bay Assistant Section Manager for the past eight years. Vallio resigned the position of Section Manager effective Jan. 1, 2000, in order to assume the duties of Pacific Division Vice Director.

Congratulations, Andy!

Hiram Percy Maxim Award Applications

Most of you have worked with young (under 21) hams. Do any of those young people stand out in your mind? Do you remember them because she/he made valuable contributions to your community using ham radio? This might include public service, recruiting new hams, or technical developments.

Please consider nominating this person for the Hiram Percy Maxim Award.

They may win \$1000.00, a plaque, and a paid trip to a convention.

For more information and a nominating form, please visit <http://www.arrl.org/field/awards/hpm.html>

Your nomination form and support information must be sent directly to your Section Manager. (A list of Section Managers can be found at <http://www.arrl.org/field/org/smlist.html>) The Section Manager will review it and send it to ARRL. It must be received at ARRL HQ before March 31, 2000.

Thanks, ARRL.

Scholarships Available for Hams

The Foundation for Amateur Radio, Inc., a non-profit organization with headquarters in Washington, D.C., plans to administer seventy-three (73) scholarships for the academic year 2000-2001 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds ten of these scholarships with the income from grants and its annual Hamfest. The remaining sixty-three (63) are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high

school and are enrolled in or have been accepted for enrollment at an accredited university, college or technical school. The awards range from \$500 to \$2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2000 from:

FAR Scholarships
 Post Office Box 831
 Riverdale, MD 20738

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Thanks, FAR.

Coming Events

- Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, 7:00 AM to noon, all year. Talk in 147.045 from the west, 145.35 from the east. Contact Cliff Chiba, KF6EII, (209) 835-6715, email larkswap@usa.com.

- "Radiofest2000" sponsored by the Naval Postgraduate School ARC will be held on Feb. 19, 2000, at the General Stilwell Community Center, POM Annex, 4260 Gigling Rd, Seaside, CA, starting at 8 AM. Contact Will Costello, WC6OX, at (831) 375-8133, email wc6ox@arrl.net. or the web site at <http://www.k6ly.org/radiofest>. Talk in on 146.79.

Hoo's Hoo...



L-R: Bill Jimenez, Jack Nawrocki, Rolf Klibo, Rich Stiebel, Gary Hendra, Dick LeMassena

Officers:

President:	Tom Holden
Vice Pres:	Ian Kushner
Treasurer:	Todd Secoy
Secretary:	Rolf Klibo

SS/L Shack Trustee:

Dick LeMassena, W6KH

Newsletter Editor:

Gary Hendra, W6NOE -- SS/L
 3825 Fabian Way, MS-G36, Palo Alto 94303
 E-mail to hendra.gary@ssd.loral.com

Repeater Trustee/Control Operators(Primary):

Repeater Trustee: Rolf Klibo, N6NFI
 Control Operators: John Buonocore, KD6ZL, Dan Connell, W6ASD, Rich Stiebel, W6APZ, Tom Holden, KN6KL; Gregg Schlaman, WA6ECQ

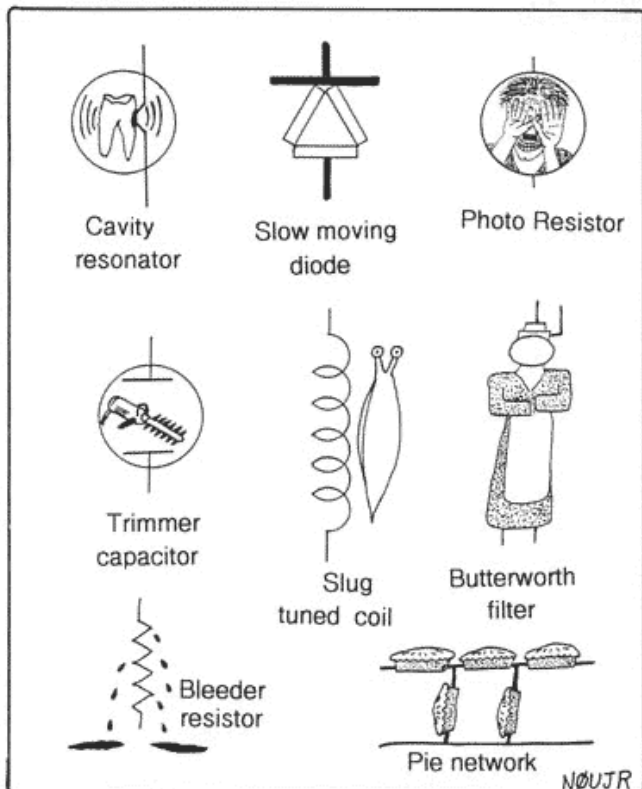
Repeater Technical Committee:

Committee Chairman: Rich Stiebel, W6APZ
 N6NFI - Rolf Klibo and KN6KL - Tom Holden

Other appointed positions

Club historian:	To be announced.
Retiree Representative:	John Gibson, N6OM
Club emergency comm coordinator:	Randy Bassett, N6RUR
Club ARRL Coordinator:	To be announced
Club swap meet coordinator:	To be announced.
Club Project coordinators:	To be announced

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Little known standard electronic symbols.

For Address Changes, or If Undeliverable, Return to:

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