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CLUB MEETINGS: 2nd. Wed. of month 12 Noon in
238-543. Everyone welcome!

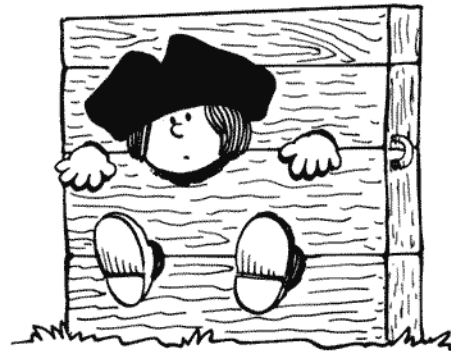
BOARD MEETINGS: 4th. Wed. of month 12 Noon in
238-543. Everyone welcome!

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September 1984 VOLUME 14 NO. 9



FROM THE EDITOR'S DESK

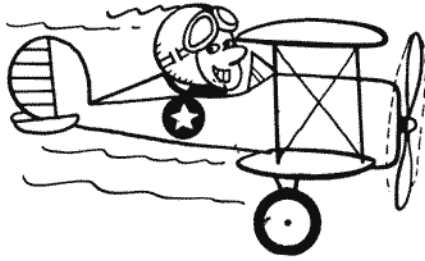
WITHOUT YOUR HELP -- MY HANDS ARE TIED!

This month you'll notice a couple of our regular features are missing. I held up the deadline as long as possible but people had other things that held priority this month and therefore couldn't get their stories in. Which brings me to the purpose of this editorial. PLEASE PLEASE PLEASE - will you try these next few weeks and get an article written for W6VIO Calling. It doesn't matter what the topic is - it can be about your vacation and how Amateur Radio played a part. It can be about back-packing with Boy Scouts and how your handi-talki saved the day. You can write a letter about what you think should be the Club's goal during the next year. How about a technical article on how you built an antenna out of an old step ladder. It doesn't matter what it'll be interesting to someone.

I try my best to make the newsletter as interesting and entertaining and informative as possible but if I don't get help from you guys it's a hundred time harder job to do each month. Please just take a few minutes and write a couple of paragraphs. It doesn't have to be earth-shaking news - it just has to be from the heart.

This month I'm happy to say that we had two different notes from Hams in Washington, D.C. complimenting W6VIO Calling. It's so nice to get comments from other clubs around the country that we exchange newsletters with. It would also be nice though to get some comments from our own membership here in the L.A. area about how you feel about certain articles or the newsletter in general. (REMEMBER MY FATHER SAYS IF YOU CAN'T SAY SOMETHING NICE DON'T SAY ANYTHING). ha ha. Only kidding - critiques are welcome too. I'll publish anything in good taste if it's signed. I've been Editor for almost three years now and I couldn't have done it without you guys. Thanks and 88's. Eileen McKinney KA6DCV

DX NEWS by Bob, N6ET



I'm sorry to have missed last month; however, I saw fit to take vacation instead. I also have to say that I'm not sorry!! The latest edition of the LIDXB is alive with interesting information this month. Hopefully, you'll find that the ones below meet your needs DX-wise.

CHAD-F6AJN and FB8ZQ are attempting to put Chad on the air around the middle of this month. If all goes well, you should find them available on most bands. No frequencies given.

CHINA-BY1PK operates around 14155 kHz from 1200Z on Saturdays. BY1QH on 21275 kHz from the same time.

SAN FELIX ISLAND-This much sought after island has been active since last weekend. I believe the call is CEOAA/X, but I've yet to hear for myself. He'll be there for two months.

UGANDA-5X5GK is active most days from about 1900Z on 21335 kHz. Later, look for him on 7 MHz cw and ssb.

UZBEK-RI8C is supposed to be active about now on all bands cw and ssb for about 3 weeks.

ZIMBABWE-Z21BP will be active until 17 September, ssb only near 21275 kHz. It is possible that he may get permission to operate from C9 during this trip, so keep listening.

I hope that we've given you something to listen for this month. Hang in there and you'll have that DXCC or the endorsement you're after in no time.

Bob, N6ET

CLASSIFIEDS

FOR SALE: GENERATOR/TRAILER COMBO

Generator: 1.5 KW conservatively rated military surplus ONAN 2-cylinder gasoline-fired generator, with RFI-shielded ignition, instruction manual. Installed on trailer below. Used on several W6VIO and RALAC field days. Needs some tune-up work. Generator is fully installed on trailer.

Trailer: 4 x 5 ft. stake-bed trailer (no stakes) with 16-gallon gas tank underneath. Has 5 cubic foot steel locker for cables, etc. Includes fire extinguisher. Has lights, 1-7/8 inch ball hitch, valid lifetime plates; Generator/trailer combo is licensed as Special Mobile Equipment.

I need garage space; its yours for \$150. Merv, N6NO, X-7004 or 445-3628.

Meet...

G A T E W A Y : A new Packet Radio Newsletter

By Merv MacMedan, N6NO

Recently W6EJJ gave me the opportunity to review the premier issue of a new ARRL-produced newsletter called "Gateway." Billed as "The ARRL Packet-Radio Newsletter," its purpose is to facilitate communications (news) among amateurs interested in packet Radio.

This publication is not intended to delve deeply into the technical aspects of Packet radio. Presumably, this is left to the more technically oriented newsletters such as QEX and the AMRAD newsletter. Rather, it plans to concentrate on Packet "news": FCC actions, IARU proceedings, on-line conferences, "bulletin boards," club activities.

To give you an overview, here is a list of topics in the first issue:

What is a gateway?

Packet Meteor Scatter

ARRL Appointed IARU Packet Info Clearing House

220 MHz and Packet Radio

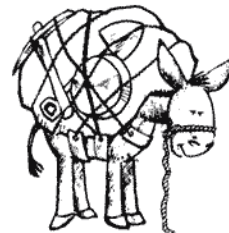
What's Brewing at TAPR?

Listing of Clubs active in Packet Radio

Listing of Voice Nets concerning Packet Radio

An Introduction to Packet Radio (Article Reprint).

The editor is Jeff W. Ward, K8KA, who is to be commended on his pioneering effort. It was 6 pages long and appeared to have much useful information. At this time, it is not clear how often the newsletter will appear, so subscriptions are set up by number of issues rather than a time period such as a year. 25-issue subscriptions are available from ARRL Headquarters, Newington CT 06111 for \$6 (ARRL members) or \$9 (non-members). I would recommend it to anyone wanting to keep abreast of "what's going on" in the field of Amateur Packet Radio. I would particularly recommend it for those of you who, like most in our club, are interested in following the development of Packet Radio but are not actively building or on the air and therefore do not yet need technical depth.



Life is like being on a mule team - Unless you're the lead mule all the scenery looks about the same.

This next article was submitted by Herb Younger W6OJA via Hughes ARC Newsletter.

THE 220 MHZ BAND IS IN TROUBLE AGAIN

The FCC has released two new Notices of Proposed Rule Making, NPRM 4829 and NPRM 4831. The first is in response to a coalition of Land Mobile users requesting the spectrum 220 - 225 MHz, and the second, from Sideband Technology, requests 216 - 222 MHz.

Unlike prior attacks on the band, these two proposals are finding a receptive audience with the FCC. To quote directly from Robert Foosaner, Chief of the Private Radio Bureau:

"Spectrum allocations are never fixed in stone. Circumstances of technology, usage and demand often combine to bring about change. As Chief of the Private Radio Bureau, I also have responsibility for the Land Mobile Radio Services. We recently completed a study which predicted that the Land Mobile needs would exceed presently allocated spectrum in several parts of the country in the next 16 years. This pressure is going to have to be relieved somehow and it is natural for us to begin to look around at our options. One option that is going to be explored is the present Amateur 220-MHz band.

"The 220 band is not a worldwide amateur band. It is only available to hams here in Region 2 - and then only on a secondary basis, meaning that all other uses take precedence over amateurs in this band. There was some thought that a codeless class of amateur license could be accommodated in this band. But you have made it abundantly clear that there is no room anywhere in Amateur Radio for a No-Code license. It follows therefore that 220 is a feasible option for accommodating the ever increasing Land Mobile needs of the country. It is an option we will be considering in the months to come."

A recent editorial by Bill Pasternak, WA6ITF, supplies further food for thought. (From WESTLINK REPORT)

"Every three years or so, we face one of these, and as a result, growth on 220 comes to a grinding halt. Well, what can we do to stop this nonsense? The logical answer is to populate and use 1¼ meters far more effectively.

One method would be to permit Novice Class operators limited radio-telephone privileges on the band as proposed by WA2MCT/5 and WD5DON in their petition now before the FCC. "Wait a minute!" you say? "Let Novices operate phone on OUR 220 band?" "Let Novices turn it into another '11 meter type CB jungle? No way!"

Well first of all, there is a world of difference between a licensed Novice Class amateur and one of our "10-4 good buddies." It's rare that a CB operator bothers getting a Novice Class ticket. Most who come into our service prefer going directly to Technician through a "license mill" since all they want to do is talk. Novices, on the other hand, usually come from established radio training courses which are run by clubs such as the one you may belong to. They not only learn the rules, regulations, technical theory and Morse, but are also indoctrinated into what can best be described as the "moral structure" of the hobby. They respect the traditions of the past and relish what the future holds for them. Be they 8 or 80, they hold one thing in common: the same love for the service that you and I hold so dear.

That being the case, what then is all that wrong with letting Novices use phone on a portion of the 220 band? It's not a No Code proposal, but is rather one intended to boost the population of MHz to a point where the commercial ACSB boys and everyone else will finally give up and look elsewhere. Right now there may be 9,000 or so hams in total nationwide using the band. Are we so naive as to believe that we can fend off the spectrum from intruders forever? If we do think that, we are only kidding ourselves and we will soon see the day when that under-utilized band, as well as others, are taken from us. In case you are not aware, to the FCC and almost everyone else, it's numbers that count; altruism be damned.

This is the reason I intend to file comments with the FCC urging it to adopt regulations permitting Novice phone operation on the 220 MHz band as outlined in the WA2MCT/WD5DON proposal; I urge you to do likewise. If you use 220 or plan to and really care more about keeping the band an amateur one more than you do about keeping "a bunch more" operators off your personal turf, I feel you should also support this proposed Rules change. Remember, we are talking about licensed hams and about populating an under-utilized band with hams who have already proven their worth. I ask you: Is keeping an amateur band worth a little time and a 20 cent stamp? To me it's worth that -- and a lot more."

We did it on no-code and we can do it again, but it will take your personal involvement. You must let the right people know your feelings. Re-read Foosaner's statement. The FCC is very serious this time, since they "lost" no-code.

Your own personal letter, handwritten in your own words, is by far the most effective response. Without you, we can say goodbye to 1¼ meters, to 104 repeaters in Los Angeles alone, to that \$350 handheld you just bought, to EME and to a whole host of public services. In your letter be sure to reference FCC NPRM 4829 and FCC NPRM 4831. Write to the following addresses:

copies to:

Honorable Pete Wilson
270 Hart Office Building
Washington, D.C. 20510

The ARRL
225 Main Street
Newington, CT 06111

Honoral Alan Cranston
112 Hart Office Building
Washington, D.C. 20510

Karl Pagel, N6BVU
220 Spectrum Management Association
P.O. Box 6490
Orange, CA 92667

Honorable Barry Goldwater, K7UGA
363 Russell Senate Office Building
Washington, D.C. 20510

AMATEUR EXAMINATIONSWHAT

ARRL/VEC sponsored amateur radio operator examinations for initial and upgrade licenses of all classes.

- * Pre-registration not required by applicants for Novice licenses. Simply show up at examination location (W6LS) by noon.
- * Pre-registration is required by applicants for Technician, General, Advanced, and Extra class licenses. This requirement applies for original license and upgrade license applicants.
 - ** Completed FCC Form 610 and \$4 reimbursement fee must be submitted to W6LS at least 30 days prior to scheduled examination date.
 - ** Checks must be made payable to ARRL/VEC. Money orders are acceptable, but please do not send cash, stamps; or other forms of payment.
 - ** Form 610 will be sent to anyone requesting one, who furnishes a self-addressed and stamped envelope (S.A.S.E.).

WHERE

Lockheed Employees' Recreation Club (LERC) Amateur Radio Club (W6LS)
2814 Empire Avenue, Burbank, California 91504

One block south, and three blocks east of the main entrance to the Burbank Airport.

WHEN

The first Saturday of each month, 9 am to 3 pm.
November 3 and December 1, 1984
January 5, February 2, March 2, April 5, 1985, etc.

APPOINTMENTS

Other than Novice applicants, each person will be notified of acceptance or rejection of their application. If an application is accepted, the examination appointment time will be stated on a form letter. Provide an S.A.S.E. to receive this notification.

LIMIT

The number of applicants accepted for examinations each session is limited by the space available to conduct these tests. Applications are accepted in the sequence in which they are received.

WHO

Marie Welsh (W6JEP) is the contact person for the W6LS VE Team. She handles W6LS mail daily, except weekends.

VOLUNTEER EXAMINER'S NEEDED

The LERC (Lockheed Employees' Recreation Club) Amateur Radio Club (W6LS) is implementing a major effort to provide amateur radio operator license examinations as part of the ARRL VEC Program.

W6LS is an active club, but it has limited membership, so help is needed to lessen the workload on W6LS members. Our greatest need is for Advanced and Extra class licensees, but we also have jobs that could be accomplished by Novice, Technician, and General class licensees. Any amateur, who is interested in contributing time and effort to this program, is invited to contact the W6LS VE Team Liaison person, Bill Welsh (W6DDB), C/O W6LS, 2814 Empire Avenue, Burbank, California 91504. Interested amateurs are requested to provide their name, callsign, license class, mailing address, telephone number, and details of their job assignment preferences.

Clubs that do not presently intend to establish their own VE Teams are urged to make this W6LS appeal known to their members. Individual amateurs are asked to pass this information along to other amateurs who may also be interested in taking an active part in this program.

W6LS VE Team coordination meetings are being held the second Thursday evening (7 to 9:30 pm) of each month in the W6LS radio shack. Later in the program, these meetings will be used to write new and corrected questions and answers for use in examinations.

Unlike some other groups, the W6LS VE Team will regularly conduct examinations for all classes of amateur radio operator licenses, including Novice.



1985 AMATEUR RADIO WALL CALENDAR

Here is a unique opportunity to obtain a large Amateur Radio wall calendar. These 13.5 by 19.5 inch red-white-and-blue calendars feature the words AMATEUR RADIO in very large lettering. Nothing else is printed in the top half of these calendars. There is plenty of space where personalized information (such as the name, address, and/or telephone number) can be added. There is adequate space in each date block to note operating events and appointments that are of interest to you. Good wall calendars like these are very hard to locate.

We will have these calendars available for purchase and pickup by December. Calendar price is \$3.00 each when picked up at W6LS. The price is \$4.00 each for calendars being mailed to American, Canadian, and Mexican addresses. Each calendar comes in a mailing wrapper.

These calendars make excellent gifts to friends who are Amateurs. If you are sending a calendar to a friend as a gift, show your own name, callsign, and return address on the mailing label you supply. They provide much needed exposure for Amateur Radio when they are posted in barber shops, business offices, public libraries, recreation buildings, schools, and stores where they can be seen by the general public.

All club Bulletin Editors are urged to bring this opportunity to the attention of their readers as soon as possible. Orders will be processed in the sequence in which they are received.

If mailing is desired, include a separate address label for each calendar. Checks and money orders should be made payable to the Lockheed Amateur Radio Club, or W6LS. Send mailing labels and full payment to:

Lockheed E.R.C. Amateur Radio Club - W6LS
2814 Empire Avenue
Burbank, California 91504

If you want to pick up a calendar, you can do so at any club meeting. If you do not want to wait until a meeting to get a calendar, call 213-842-1863 to ascertain that someone will be at W6LS before you go there to pick up a calendar. Someone is usually at the club Monday and Thursday evenings.

Please let your friends know that these useful calendars are available.

AN UNUSUAL GIFT FOR YOUR AMATEUR FRIENDS