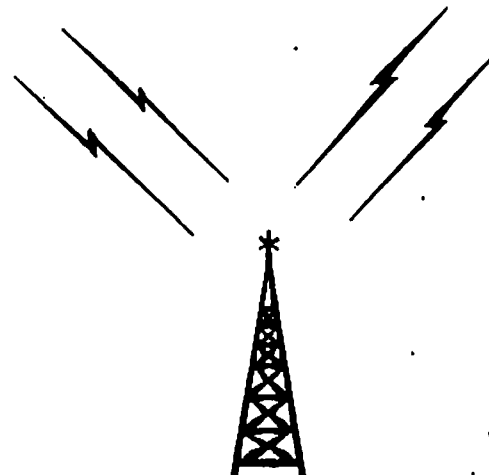


MOTORCYCLING AMATEUR RADIO CLUB



BOARD/STAFF:

RAY DAVIS	KD6FHN
BILLY HALL	N6EDY
DEWITT MORGAN	KM6UK

MEMBER-AT-LARGE:

DANNY VELDERRAIN	KD6FLP
------------------	--------

JUNE 1993

NET CONTROL:	ROTATED BY STAFF
PRESIDENT:	RAY DAVIS
VICE PRESIDENT:	TERRY LEWIS
SEC/TREASURER:	BONNIE DAVIS
NEWSLETTER:	RAY/BONNIE DAVIS
STORE:	TERRY LEWIS
50/50:	PAT LEWIS

TECH TEAM:

KN6P-	CARROLL WALKER
KD6NVO-	MIKE DOUGLAS
WA6LVD-	JACK COBB
KC0BR-	RAY MILES

DISASTER SERVICE COORDINATOR: DEWITT MORGAN

FROM THE DESK OF THE PRESIDENT:

Wes Fisk KC6QJB, a free-lance writer, has been given the go ahead to do two full stories for (two) national magazines. One magazine, Road Rider/Motorcycle Consumer News had a short piece about MARC on page 9 of the February 1993 issue that triggered cards, letters and phone calls from all around the U.S, Canada and one response from the United Kingdom. The other magazine, 73, an Amateur magazine with circulation of over 50,000 should again really stir up interest in MARC. I hope both articles don't come out the same month. Although, both magazines serve different interests, it will be fascinating to see how many readers take both magazines. After all, we are a very unique group of individuals, combining motorcycling and amateur radios is different.

I-DEC(Irvine Disaster Emergency Communications) has several fund raising walks, runs and bicycle rides this month. I will go to the I-DEC board meeting on Thursday June 10th and have the information available at the Saturday 12th MARC breakfast meeting.

Also on Saturday night July 10th at 11 P.M., MARC will again provide communications for the "Mid-Night Ramble" bicycle ride from Tustin Market Place at Jamboree and Bryan in Irvine. That is the same night as our July meeting so we will have more information in our July newsletter and at the July meeting.

Wednesday July 21st will be the 2nd Annual National "RIDE TO WORK DAY". Ride your motorcycle where ever you go on this day!!

I want to thank N6LJO Mike for doing the MARC net on Wednesday May 12th when DeWitt KM6UK, Bonnie KD6OFQ, Terry KD6MVG and myself were all busy doing other activities for the Red Cross and the Keller Peak Repeater Association. He had a very good number of check-ins and I even got a card and some phones calls about how good of a job he did. Again, "Thank You Mike". We really do appreciate your help.

The MARC Wednesday night net has been averaging between 35 & 50 check-ins for the past 16 weeks. I, for one, consider that very good. The check-in numbers may drop off during the summer due to vacations and other activities.

However, MARC membership continues to grow, and we are nearing the 100 membership mark again.

The HF net at 7 P.M. on Tuesday nights on 40 meters (7.250) is not faring as well as we hoped for. This last week there was so much interference that DeWitt KM6UK never even tried to get on the air. It was an impossible situation. I listened on my new Kenwood TS-50, but didn't pick up anything but interference.

Speaking of my new radio, it has given me the incentive I needed to get off my button and get back to working on the Morse code. I now put in at least one and sometimes two hours a day of practice. I am thinking of having Michael KM6NP at Electronic Times install it on my motorcycle before the June 12th MARC meeting. I won't be able to talk on it, but it sure will be impressive to look at.

Danny KD6FLP and his YL, one of the original MARC board members is coming to Diamond Bar. He will be here for the June MARC breakfast meeting so that Wes Fisk (free-lance writer doing the two MARC articles) can interview him and take pictures of the HF rig Danny has on his motorcycle.

The following members have badges ready to pick up at the meeting. Les WB6YRL, Burt N6USO, Michael KM6NP, Gene KD6AKA, Rich N6MHN, Walt KD6RLH, Rick KD6JDW, Orville WA6TGP. We prefer that you come to the meeting to pick up your badges as the cost to MARC for mailing is prohibitive. And of course we enjoy your participation at the meetings.

Last but not least, a reminder, to support the Keller Peak Repeater Association and check in on their 7 P.M. Tuesday night net.

And for the final time, another reminder to attend the Saturday June 12th MARC breakfast meeting. Wes plans to take lots of pictures in both color and black & white for his magazine articles. Plus, he will be looking for unique experiences involving motorcycling and amateur radio contacts. You could become famous. Well at least get your picture and name in a magazine. So join the camaraderie of your fellow MARC members and experience the fun.

Safe riding and clear frequencies, always

Relay League organizes emergency training day

By G. CHAMBERS WILLIAMS III
The Orange County Register

When disaster strikes, amateur radio operators often find themselves providing vital emergency communications.

As a result, many hams train for such events, and the annual American Radio Relay League Field Day exercises bring that training into focus.

For 24 hours, ham clubs and other emergency-preparedness organizations involving hams set up their stations in the field, showing just how versatile they are at operating from remote locations with auxiliary power.

This year, Field Day will be from noon June 26 to noon June 27.

About 15 Orange County groups will set up Field Day stations, and all licensed hams are welcome to drop by or participate, said ham instructor Gordon West (WB6NOA) of Costa Mesa.

West said he will be teaching a Boy Scout ham class that Satur-

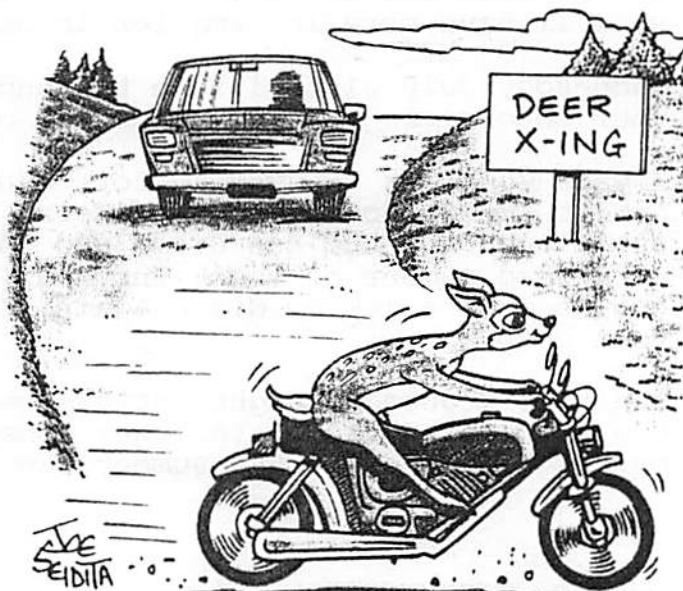
day and plans to operate a Field Day station from the classroom, working on the 10 gigahertz ham band. On Sunday, he'll travel to different Field Day sites to see the setups.

"Nothing beats the camaraderie and education of working with a Field Day station," he said. "Even extra-class hams licensed for 30 years always walk away having learned something."

For more information on Field Day, call West at (714) 549-5000.

73

RAY KD6FHN
3 Lindberg
Irvine, Ca. 92720
714-551-2010



AMA government relations news

AMERICAN MOTORCYCLIST ASSOCIATION

FOR IMMEDIATE RELEASE
MAY 17, 1993

GRD 93-16
CONTACT: STU LAWSON
(614) 891-2425

AMA JOINS ACLU IN FIGHTING MOTORCYCLIST DISCRIMINATION

WESTERVILLE, OHIO--The American Motorcyclist Association (AMA) is joining with the American Civil Liberties Union (ACLU) to fight insurance discrimination against motorcyclists in the workplace.

The AMA has received reports from some members saying that their vital health-insurance work benefits have been revoked, reduced or threatened just because they ride motorcycles. In some cases, employers have imposed these discriminatory rules, while in other instances, the rules have been imposed by unions formed to protect workers rights.

Some employers have claimed they are imposing the restrictions because of alleged higher health-insurance losses from their motorcycling workers. However, not one has demonstrated any greater losses.

These rules threaten not just the employees, but also their wives and children, who could be cut off from the nation's health-care system. And they force workers to choose between an economical mode of transportation they enjoy and the health insurance they need.

"We think employers have no business telling workers what they can and cannot do outside the workplace," said Robert Rasor, AMA vice president of government relations. "Motorcycling is a legal activity, yet these discriminatory rules have the practical effect of making it illegal. That's not something for employers to decide."

This dangerous trend is the subject of a major story in the July issue of American Motorcyclist magazine, official journal of the Association.

Also included in the issue is a survey, prepared jointly by the AMA and the ACLU, to determine how widespread this form of discrimination is. The results of that survey will be used to help plan a strategy in combatting this trend. In particular, the groups are working to get legislation passed in all states that prevents employers from engaging in lifestyle discrimination.

The AMA welcomes the participation of all motorcyclists in this survey. To receive a copy, write to: Discrimination Survey, c/o AMA, P.O. Box 6114, Westerville, OH 43081-6114



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Second Annual National **RIDE TO WORK DAY**

**Wednesday
July 21**

◆ Ride your motorcycle wherever you go on this day

◆ Show America who we are

◆ Improve the image of motorcyclists

◆ Let the politicians know how many voters they're fooling with

◆ Be courteous

◆ Ride Safe!

Road Riders
**Motorcycle
Consumer NEWS**



AEROSTITCH
RODWEAR

 **DUNLOP**



AMA



Handy-Dandy Coax Adapter Box

by Robert C. Green W3RZD

From Radio Fun

If you live along the Middle Atlantic seaboard, as we do, you have to be on the alert during hurricane season, and be on the lookout for severe storms and high winds in the winter. When severe conditions exist, evacuation may be necessary.

A lot of the residents in the area have evacuation kits that contain food, medicine, clothing and a portable radio. We have such a kit that also includes emergency radio gear. During an emergency most communications are handled on 2 meters, so our kit contains a take-apart 2 meter ground plane antenna, coax and adapters, and extra batteries. The kit is intended to be used with our handheld; the handheld is not actually in the kit, but it can be grabbed in a hurry.

To minimize the number of RF adapters carried, I made a box that would handle just about any female coax adapter problem that might arise. For example, suppose you have a cable with an RCA male that has to be joined to an N male. I think you will admit that this would be an oddball adapter, but by using the box and connecting the cables into their respective jacks you have the adapter. I liked the idea so much that, after making the box for the kit, I made another for use around the shack, and it has proven to be a godsend.

Construction

The adapter is built in an aluminum mini box, 5" long and 2-1/4" square on the ends. On the top I mounted 10 female coax connectors in two rows: two RCA, one N, two F, two SO-239, two BNC and a 1/4" audio. Another SO-239 is mounted on one of the end panels and on the other end panel is a Motorola jack, a binding post for a long wire antenna, and a grounding bolt. The RCA jacks and the 1/4" jack have plastic insulation instead of cardboard or fiber, which makes for less loss at UHF.

After mounting all the connectors, the center posts were wired together, starting at the end panel SO-239. Two #20 gauge uninsulated wires were soldered to this connector, and a wire was threaded down each row of connectors. After soldering the row of wires to the center posts of

the connectors, solder them to the Motorola Jack. This places the connectors in parallel, and even if a wire breaks between any of the connectors they are still tied together. At this point I checked the SWR on the

2 meter band, using the end panel SO-239 and the Motorola jack, and it was 2:1. This isn't bad, considering the frequency and spacing between the inner connecting wires and the box sides.

Mini-UHF and TNC connectors were not used because we didn't have any in the junk box. I plan to make a new box for the emergency kit that will include two of each, and a 1/8" jack. This means that a bigger box

will be required, perhaps one that is 5" x 4" on the top and 2" high.

If you decide to construct the adapter box, choose your own layout, but be sure to use two of each of the most common connectors. Don't use a plastic box—instead, use an aluminum box, which has a larger RF path and will afford shielding.

The box is not a panacea for all coax connector problems, but it does go a long way towards eliminating some of the dilemma.

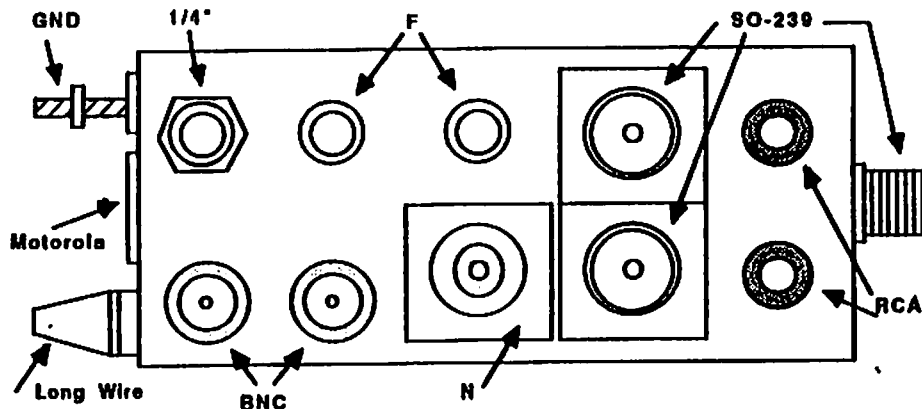


Figure 1. Coax adapter box, top view.

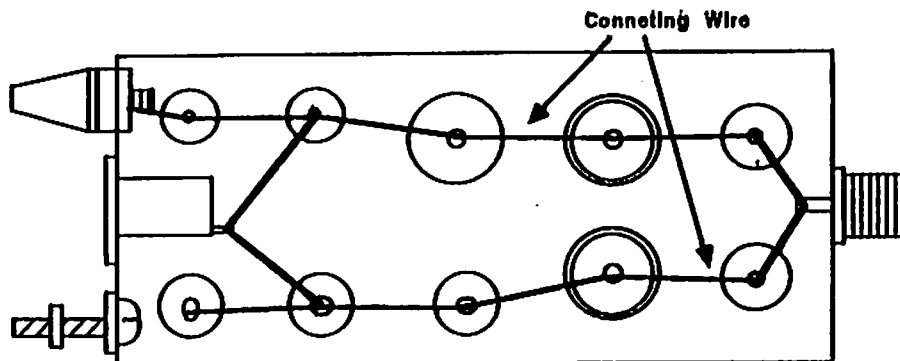


Figure 2. Coax adapter box, bottom view.

If you find mistakes in this publication, please consider that they are there for a purpose. We publish something for everyone, and some people are always looking for mistakes.

Borrowed from SCMA

Major License Delay

The FCC has told volunteer examiners to advise those taking amateur exams to expect to have to wait four months or longer for a license to be issued. According to the Commission, the time between a person's passing an examination and his receiving a license is currently 120 days from the date of the test. Year-end staff shortages at the Commission's Special Services Branch are cited as the cause of the recently increased processing times.

The Commission also says that applicants waiting for their tickets are not to inquire on the status of an application until it has been pending more than 90 days. The FCC says efforts are continuing to reduce this waiting period but makes no promises as to when the processing time will be narrowed. Currently, the FCC is reportedly receiving about 7,500 Amateur Service applications every month. *TNX Westlink Report #641 January 14, 1993*

Mobile Crossband Repeater

by Murray Tucker VE6MST

From Radio Fun

Wouldn't it be nice to work your favorite 2 meter repeater with a good signal, using a handheld, from inside malls and other difficult locations? With your crossband repeating radio and a 70 cm handheld you'll be full-quieting. Those of you possessing (or thinking of obtaining) one of those newfangled dual-band VHF-UHF FM transceivers capable of crossband repeating, read on.

Let's say you're going shopping in a distant shopping mall. You want to be able to work the repeater with a handheld but never have much success from inside the mall. To extend the range of your handheld, use your dual-band mobile rig as an intermediate repeater. First, set the VHF on your crossband repeater mobile rig to the 2 meter repeater frequency and set the UHF to a simplex frequency. Next, engage the crossband repeat function. Then set the UHF handheld to the same simplex frequency as the mobile. I would recommend that CTCSS (continuous tone coded squelch

system) be employed on UHF in order to prevent the mobile radio from making unwanted transmissions caused by intermod and other interference. Now you can work the repeater, on your handheld, from anywhere in the mall.

Reducing Hang Time

Most ham repeaters have a long hang time, perhaps 10 seconds. (Hang time is the time it takes the repeater carrier to drop when there are no more transmissions on the repeater.) This means that when conversing with someone, you would need to wait until the carrier from the 2 meter repeater dropped before you could reply. When the repeater is transmitting, your mobile rig is retransmitting it out on the UHF simplex frequency. During the time your mobile radio is retransmitting the repeater on UHF it won't be able to receive your transmission from the UHF handheld. As soon as the carrier from the repeater drops, the

mobile rig stops retransmitting on UHF. Now the mobile can receive your transmission from the UHF handheld and retransmit it on VHF.

There are a few ways to get around the problem of having to wait a long time for the repeater to drop before you can reply. On many repeaters, the hang time can be changed remotely by DTMF (dual-tone multifrequency). Changing to a short hang time will allow you to reply almost instantly after the other person finishes their transmission.

Another way to enable instant reply capability is to have the 2 meter repeater transmit CTCSS, but only when it sees COS (carrier operated squelch). Your mobile rig should then be set up to decode the CTCSS from the 2 meter repeater. With this system, as soon as the person on the repeater stops transmitting, the CTCSS will stop as well. When the mobile rig doesn't see CTCSS anymore, the squelch closes and the radio stops retransmitting the repeater's signal out

on UHF. Now the mobile can receive your transmission from the handheld.

Bypassing Repeater Limitations

The methods of operating described so far require certain facilities on the repeater, such as the ability to change the hang time or transmit CTCSS. If the repeater you want to work doesn't support these modes it is still possible to converse with someone without having to wait for the repeater to drop before replying.

For this you'll need a dual-band handheld. Set the UHF on the crossband repeater mobile rig to a simplex frequency and set the VHF to the input frequency of the 2 meter repeater that you want to work. In addition to this, engage the CTCSS decoding system on VHF but set the frequency of the CTCSS to one that is *not* being used by anyone. This way the mobile rig will not receive anything on VHF to retransmit on UHF, leaving the UHF

always in the receive mode. Set the dual-band handheld to transmit on the UHF simplex frequency but set the VHF to receive the 2 meter repeater direct. The idea here is to use the mobile rig only to retransmit your signal from the handheld, but not the 2 meter repeater's signal. With this arrangement, your handheld is receiving the 2 meter repeater direct on VHF. The mobile rig is always listening for your transmissions from the handheld on UHF so you'll have instant reply capability.

There are many applications for this versatile crossband repeater system. I use it myself quite often while having coffee with other hams in restaurants where I can't reach the repeater using a handheld. This system could also be used in a public service event or emergency situation to greatly extend handheld coverage, or for temporary linking of repeaters.

I would bet there are many of you who have radios capable of crossband repeating but don't realize the potential in your equipment waiting to be unleashed. Some of the radios capable of crossband repeater operation include the Alinco DR-590T, the Kenwood TM-731A, the Yaesu FT-5200 and the ICOM IC-2410A. Once you see how easy it is to activate the crossband repeater function, I'm sure you'll be coming up with all kinds of uses for it.

AMATEUR RADIO

Need an autopatch repeater? Here's whom to call in O.C.

By G. CHAMBERS WILLIAMS III
The Orange County Register

New hams often ask about repeater systems that offer autopatch services, which allow the user to make telephone calls while on the go.

Repeaters serving Orange County that have autopatch require membership in the sponsoring club in order to use the phone service.

Here are a few:

► South Orange Amateur Radio Association — SOARA — has 2-meter and 220 mhz repeaters in Laguna Beach. Call Gary Lahr (N6PBA) at (714) 586-4088. Dues for autopatch are about \$55 a year.

► Abe Braum (W6LUR) has a 2-meter machine in Orange that covers most of the county. Membership costs \$48 annually; call (714) 537-0979.

► Will Thompson's K6GANII repeater group operates two high-level 440 machines, with service from Tijuana to the San Fernando Valley. Initiation costs \$100; dues

are \$10 a month. Call him at (310) 921-2067.

► David Corsiglia's W6TWF is the area's premier system, offering remote-control HF service and autopatch on a variety of high-level repeaters. Membership costs \$50 initiation plus \$15 a month. Call (714) 535-5528.

License classes

► A one-day no-code Technician course will be held Sunday, May 16, in Orange. Cost is \$100. Call (714) 551-0305 or (714) 895-3345.

► Gordon West and Yaezu is sponsoring a no-code Technician course for Boy Scouts June 25-26 in Huntington Beach. Cost is \$20; the class is limited to Scouts and their leaders. Call Glenn Kerr at (714) 631-2888.

On-air market: Monday swap net is place to list used ham equipment

By G. Chambers Williams III
The Orange County Register

Looking to buy or sell used ham equipment but don't have the time or the inclination to show up early at one of the Saturday ham swap meets?

Check out the Catalina Island VHF repeaters' Monday-night on-the-air swap net. In case you hadn't heard of it — or had forgotten about it — it follows the Catalina repeater group's regular Monday night net and begins about 8:30 p.m.

The group has 2-meter and 220 mhz. repeaters, which are linked for the swap net. Frequencies are 147.09 mhz (input + 600 kHz) and 224.420 mhz (input -1.6 mhz).

Here's the format for listing items: When called by the net controller, give your name, call sign, location, listing and phone number. Give the listing very slowly or the net control-

ler will give you an embarrassing on-the-air chastising.

Rules of the net are that only ham-radio-related equipment can be listed (that's per FCC regs), and only private-party listings can be taken.

Remember when buying equipment from someone who lists on the swap net: Check it out before handing over the cash; there are no warranties.

There often are good deals to be found on all types of ham equipment, from handie-talkies to HF rigs to antennas — including packet-suitable computer equipment.

Even if you're not in a buying or selling mood, it's fun to listen.

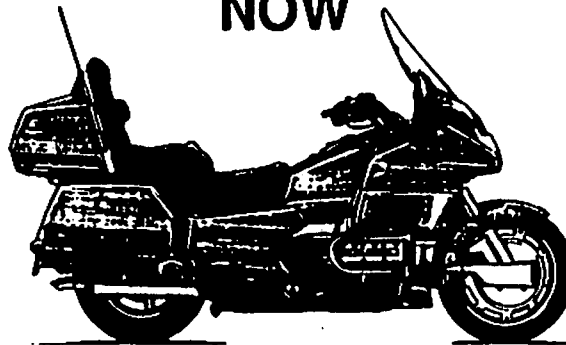
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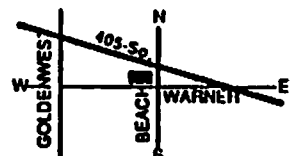
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ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING, AND RESPECT THE ENVIRONMENT. Obey the law and read your owner's manual thoroughly. For rider training information, call the Motorcycle Safety Foundation at 1-800-CC-RIDER

**** QUALIFIED DRIVERS – CLASS M – AT DEALER DISCRETION**



I am going to start this little section here in the newsletter for all kinds of info. Ladies, if you have anything to add let me know and oh yes, you gentlemen, too.

First, I want to thank Walt KDRLEH for all the door prizes he has been donating, some very fine ones, I must say also a big thanks for his donation of a generator to MARC for our work in Disaster Emergency Services that we are becoming involved in.

Second, Herald NZLX will not be at the meeting as he will be assisting with the Von's Safety Fair in Lake Elsinor.

Anyone else who has or is or will be helping in charity work please let me know so I can put it in the newsletter. I know John KD6NXC has and several others. Since we live in different areas and quite some distance between us, it means we will be covering different areas, so give me the news.

Something else, in reference to this meeting on the 12th we need all the different types of motorcycles with their radios for the magazine articles.

Also we are looking for a historian, Walt has also donated two large photo albums for MARC for that little job.

I am so happy we have only two people on our waiting list. We lost 5 to the regular roster and guess what letter they represent, you're right u thru v.

Next month we will have the 50/50 & door prize winners also the attendance in members and visitors.

Well enough of this chatter, see you at the meeting.

Tuning women into ham radio

AMATEUR RADIO: A
women's ham association is seeking members.

BY G. CHAMBERS WILLIAMS III

The Orange County Register

Women are a minority in the amateur-radio hobby, even though there are plenty of female hams. A group in Orange County helps promote an increase in their number. It's the Ladies Amateur Radio Association, which celebrated its 10th anniversary last month. The group meets the first Saturday of each month, and besides promoting ham radio for women, it also participates in community projects and other activities.

The club, which has about 50 members, usually holds breakfast meetings in the Belden Park-Centennial area, said founder and past president Sandra Blumenkranz/KAGVAM. "We also are open to associate members — such as wives of hams — and we help get new people

licensed," she said. The group holds both technical and non-technical meetings. For more information, call Blumenkranz at (714) 621-0760, or Kathy Brown/KAGNLP at (714) 991-0929.

Net info wanted: I'd like to run scheduled for OC nets in this column, but it's going to take some help to compile a list. If you're associated with a regular net and would like to include it on the list, let me know by writing to the address below.

G. Chambers Williams III is an extra-class amateur radio operator; his call sign is AB6EC. Send ham radio news items to him in care of Accent, The Orange County Register, PO Box 11626, Santa Ana, Calif. 92711. His telephone number is (714) 953-7968.

TEN COMMANDMENTS OF HUMAN RELATIONS

1. SPEAK TO PEOPLE — there is nothing as nice as a word of greeting.
2. SMILE AT PEOPLE — it takes 72 muscles to frown and only 14 to smile.
3. CALL PEOPLE BY NAME — the sweetest music to anyone's ears is the sound of his own name.
4. BE FRIENDLY AND HELPFUL — there's nothing like a friendly face and a helping hand.
5. BE CORDIAL — speak and act as if everything you do were a real pleasure.
6. BE GENUINELY INTERESTED IN PEOPLE — you can like everyone if you try.
7. BE GENEROUS WITH PRAISE — cautious with criticism.
8. BE CONSIDERATE OF THE FEELINGS OF OTHERS — it will be appreciated.
9. BE THOUGHTFUL OF THE OPINION OF OTHERS — there are three sides to every controversy: your's, the other fellow's and the right one.
10. BE ALERT TO GIVE SERVICE — what counts most in life is what we do for others. *****

Bonnie

"FOR SALE"

MARC STORE ITEMS

MARC NAME TAGS ARE AVAILABLE TO MEMBERS FOR \$7 EA.
NEED FIRST NAME OR HANDLE, HAM CALL, CITY WHERE YOU RESIDE

MARC BASE BALL CAPS \$10 EA.

COLORS FOR THE TAGS & CAPS ARE GREY WITH WINEBERRY LETTERING

TO ORDER CONTACT TERRY LEWIS KD6MVG, P.O. BOX 556, WILDOMAR, CA. 92595-556.
PH# 909-674-5547. MAKE CHECKS OUT TO MARC. YOU CAN ALSO SEE TERRY AT THE
MEETINGS FOR ORDERING AND COLLECTING ITEMS.

MARC My Words!

by Paul D. Blumstein
KD6LAA

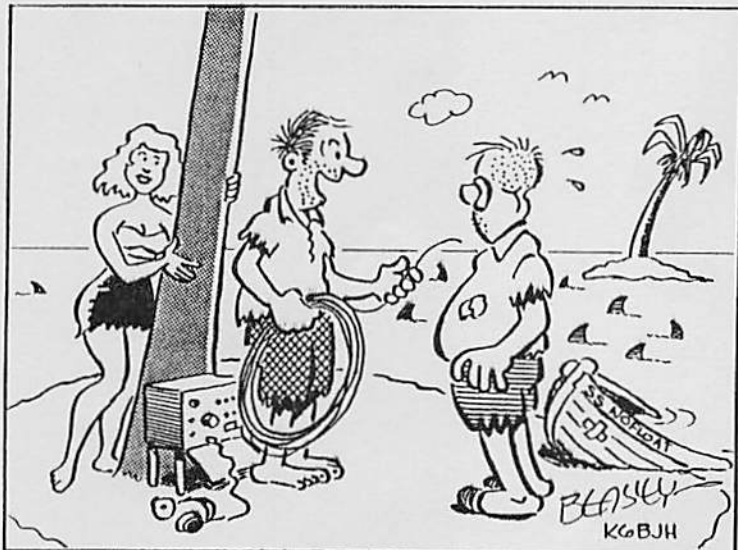
When megacycles became megahertz, I was grateful that motorcycles didn't become motorhertz!

I heard that George Burn's brother is a ham. He name is R.F. Burns!

The greatest thing about motorcycle communting is that you get to recycle on the way home!

The next time someone asks you what your boom mike is for, tell them that you like to smile when you ride and this contraption keeps the bugs off your teeth!

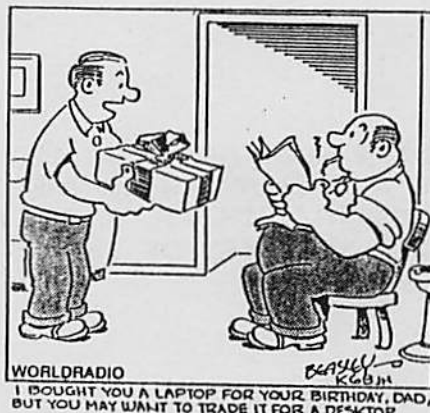
When asked why there are many hams on bikes, I reply: "Don't you know that radio waves travel in cycles?"



NOW YOUR PART OF OUR RESCUE WILL BE TO SWIM
OVER THERE AND TIE THE END OF THIS WIRE IN THAT TREE

Novelty Helmets No Laughing Matter

Remember the old ad slogan, "If you have a ten-dollar head, wear a ten-dollar helmet"? It seems that both ten-dollar heads and helmets are back in vogue, at least in states with mandatory helmet laws where some riders are buying and wearing "novelty helmets" which look like approved helmets but don't meet minimum safety standards. This has led to confusion among law enforcement agencies over what is and what isn't a legally approved helmet, making it difficult to determine if a rider is obeying the law. To make matters worse, at least one helmet maker is suspected of printing fake DOT stickers and placing them in its products.



WORLD RADIO
I BOUGHT YOU A LAPTOP FOR YOUR BIRTHDAY, DAD,
BUT YOU MAY WANT TO TRADE IT FOR A DESKTOP

"MARC" YOUR CALENDARS FOR THE COMING EVENTS!!!!!!!!!!!!!!!!!!!!!!!!!!!!

JUNE 12-MARC BREAKFAST MEETING AT DENNY'S, 2314 E. 17TH ST, SANTA ANA (8 A.M.)

8,15,22,29-KELLER PEAK REPEATER NET(7 P.M.) 146.985 DOWN 600 NO PL

*** 8,15,22,29-MARC NATIONAL NET (7 P.M.) 40 METERS 7.250 WITH DE WITT KM6UK**

**** 9,16,23,30-MARC NET (8 P.M.) 146.985 DOWN 600 NO PL**

***** 19- RED-EYE BREAKFAST (11:30 P.M.) SALT & PEPPER RESTAURANT, CORONA**

JULY 10-MARC BREAKFAST MEETING AT DENNY'S, 2314 E. 17TH ST, SANTA ANA (8 A.M.)

10-"MIDNITE RAMBLE" (11 P.M.) FOR MULTIPLE SCLEROSIS AT TUSTIN MARKET PLACE

6,13,20,27-KELLER PEAK REPEATER NET (7 P.M.) 146.985 DOWN 600 NO PL

*** 6,13,20,27-MARC NATIONAL NET (7 P.M.) 40 METERS 7.250 WITH DE WITT KM6UK**

**** 7,14,21,28-MARC NET (8 P.M.) 146.985 DOWN 600 NO PL**

***** 17- RED-EYE BREAKFAST (11:30 P.M.) SALT & PEPPER RESTAURANT, CORONA**

***-MARC NATIONAL NET 40 METERS**

**** -MARC REGULAR NET HELD ON KELLER PEAK REPEATER(146.985 DOWN 600 NO PL) OUR
CALL FREQUENCY IS 144.375 SIMPLEX(BOTH ARE MONITORED 16-18 HRS A DAY)**

*****-RED-EYE NET IS EVERY NIGHT AT 11:30 P.M. EXCEPT THE THIRD SATURDAY WHICH
THE BREAKFAST.**

**MARC
C/O RAY DAVIS KD6FHM
3 LINDBERG
IRVINE, CA. 92720**

JUNE 1993

**NEXT MEETING: JUNE 12, 1993
8 A.M. (DENNY'S AT THE CORNER OF
TUSTIN/17TH ST, SANTA ANA ABOUT
100 YDS WEST OF THE 55 FWY)**