



As I envision, there's that word again, the building permit process will go something like this. You go to the Community development office with the manufacturer's specifications and plans in hand. You'll need a "plot plan", a drawing where you'll set your tower, and the permit fee. When the City is satisfied that the paper work is complete, you'll be allowed to dig your footing, install the re bar and grounding material. Then the first inspection. If you've followed the manufacturer's specifications, you'll be allowed to pour the concrete. Don't forget to call out the strength spec on the concrete. After the it cures, the second inspection. If this goes well, you'll be able to back fill the footing and build your tower. After the antennas are up, you'll call for a final inspection. By this time you should pass with flying colors. KC7CBK-Lee Cunningham



**UPCOMING EVENTS.** Many Club members participate in local events providing communications for local events. It's an excellent opportunity for members to get out

and test your portable operating capability and have some fun at the same time. As these events near, announcements will be made on the Wednesday night NET and in the newsletter.

#### OTHER UPCOMING EVENTS OF INTEREST

- ✓ July 24-26 ARCA/ARRL Hamfest-Ft. Tuthill. VE Testing, ARRL Forums, Swapfest and major social event for Arizona amateurs. Plenty of parking and RV spaces.
- ✓ July 26-31 Special Event Station. Boy Scout encampment, K6BSA from the Sierra Nevada near Yosemite operating on JOTA freqs. Info km6lh@pdarrl.org
- ✓ July 24-26 ARCA/ARRL Hamfest-Ft. Tuthill, Flagstaff. Forums, swap meet, etc. Bring your umbrella!
- ✓ August 1-2 ARRL UHF Contest
- ✓ August 14-16 ARRL SW Division Convention-San Diego
- ✓ August 15-16 North American QSO Party, Phone
- ✓ September 12-14 VHF QSO Party

More information on Contests and other events can be found in QST, WORLDRADIO, and other publications.



**JUNE MEETING** The meeting was called to order by Lloyd Halgunseth, WA6ZZJ, Vice President, at 7:04PM with 23 present.

No new visitors were reported.

The minutes of May's meeting were read by Secretary, Kris Bearscove, KC7UNK. A motion was made to accept the minutes as read. The motion was seconded and carried through by unanimous vote.

The treasurer's report was given by Treasurer, Fred Shefflette, KC7TIN. The bank balance had \$458.27 and the refreshment fund had \$42.44.

#### OLD BUSINESS

Lee Cunningham, KC7CBK, reported on the antenna ordinance in Prescott Valley. Lee read a proposal that would be submitted to the town of Prescott Valley concerning provisions for Amateur Radio towers and antennas and their supporting structures. The proposal had many details providing the amateur community with certain privileges not offered to other wireless communication towers. On June 25th the PV Town Council will look at the current ordinance in affect. Lee asked for a strong turn out. Lloyd Halgunseth commented that going through all these proceedings in Prescott Valley is important in order to gain the experience needed to combat similar situations with other towns in the future.

Another reminder about field day at Dr. Bob's, AB7KF, was made. The field day is a Verde Valley Amateur Radio Association event. Our members are invited to be a part of this. Kris, KC7UNK mentioned that Steve Pearson, KC7TIL is taking radio operator time slots for the field day. Anybody wishing to sign up for radio time should contact Steve.

#### NEW BUSINESS

Lloyd, WA6ZZJ, announced that we have been asked to provide "Public Safety" communications for the 4th of July parade. There is a need for 7 radio operators. 4 have already volunteered, so 3 more are needed. Updates will be given on the Wednesday evening nets.

The refreshment raffle was \$11.50 won by Oscar Green, KA6TGR. Oscar gratefully donated the money back to the club's general fund.

The auction followed after a short refreshment break. The total earned from the auction was \$87. Bruce Jaeger, KC7NVN had the largest pile of equipment to

take home. With no further business, the meeting was adjourned at 8:40PM.

Submitted by Kris Bearscove-KC7UNK.



## METING PROGRAMS. HELP! If

you would like to make a presentation to the club, please contact Bob Kane-K7KOL the program chairman.



### Club officers for 1998 are:

President - Bob Kane-K7KOL  
 Vice President - Lloyd Halgunseth-WA6ZZJ  
 Secretary - Kris Bearscove-KC7UNK  
 Treasurer - Fred Sheffette-KC7TIN  
 Board Members - Bob Rosevear WB7RRQ, Terry Pemberton KB7TRE, Pen Brown-KJ7KL, Tony Masvidal-W7PCU and Frank Horneff WA6JBV

Several club members also function in capacities that serve to benefit the club, the membership and the community. They are as follows:

Emergency Services Coordinator: Lloyd Halgunseth-WA6ZZJ  
 Greeter: Jerry Sager-KG7ZF  
 Membership Services: Bob Rosevear-WB7RRQ and Terry Pemberton-KB7TRE  
 Newsletter: John-KM6BF Editor & Publisher  
 NET Control: Dale-N7XFD  
 Refreshments: David Passell-K6UWV  
 Programs & Entertainment: Bob Kane-K7KOL  
 Publicity: Tony Masvidal-W7PCU  
 Training & Technology: Vern Gregory-N7VG  
 Volunteer Examiner Testing: John-KM6BF and Dave-W9KRQ

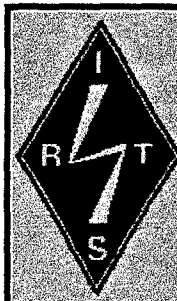


**ARES NET.** The Prescott Area ARES NET is conducted every Wednesday night after the YARC NET on the 146.880- repeater. A PL tone of 100.0 Hz is needed. If you don't have PL, transmit on 146.880 simplex, after the repeater drops out. For further information about ARES, contact Lloyd, WA6ZZJ



## THE NEWSLETTER

With the vast resources available to us, I thought it would be interesting to include articles from other club newsletters. One search engine on the WWW had 400+ club web sites listed and many of them put their newsletter on-line. Some good, some so-so, some not-so-good! However, I will attempt to put at least one article from another club in our newsletter each month. If any of you have anything within the scope of the hobby or closely related subjects worth sharing, let us know. The deadline is the Friday before the monthly meeting. E-mail your articles to: [km6bf@primanet.com](mailto:km6bf@primanet.com)



Irish Radio Transmitters Society  
 RADIO NEWS BULLETIN  
 Sunday June 14th 1998  
 Tipperary A.R.E.N.

Liam EI7FE of the Tipperary Amateur Radio Emergency Network has received confirmation from the Chief Ambulance Officer of the South-Eastern Health Board that the Amateur Radio Emergency Network has been included in the published emergency plan of the Board.

Other AREN Groups should note that Tipperary AREN did not seek inclusion in the Health Boards plan in its own name and therefore participation is open to all AREN operators.

Liam EI7FE has been written in as the Boards contact and suggests that AREN groups and interested operators contact him so that mutually beneficial personal links can be established. This would prepare the network to respond in greater depth and with maximised flexibility in the event of a practice exercise or in a real emergency. Similar reciprocal arrangements between Tipperary AREN and other groups would be welcomed to the benefit of all. Liam can be contacted on 052-22493 or QTHR.

**CW Field Day.** Last weekends CW Field Day participants did not enjoy the best of conditions with propagation on the HF bands well down on conditions during the preceding week. Luckily the weather condition were not too bad with only occasional rain and little or no winds. Thunderstorms were experienced in the Midlands where Joe Ryan EI7GY who was operating as a single operator from the Slieve Blooms suffered a delayed start due to threat of lightning. Luckily, the other two entrants, both representing the East Cork Group had no such problems and managed to be up and running for the 4pm start.

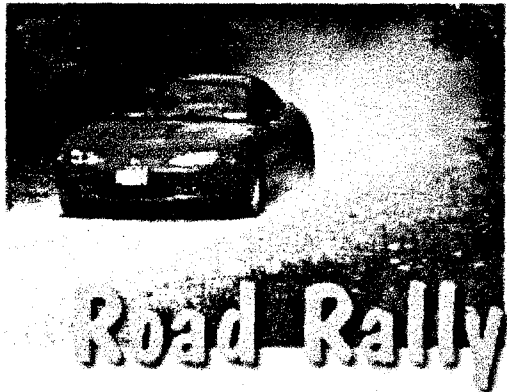
EI7M/P entered the open section while EI3DP/P was in the restricted section. The crew at 7M were Jerry EI6BT, Mannix EI5HB and Dave EI4BZ while the crew at 3DP included Jim EI3DP, Steve EI9HC, Ger EI8HT, Jim EI8GS and John EI8IR. Both stations ended up with just less than 600 QSOs each. Among the visitors to both sites were Brendan EI0CZ from County Clare and Pat EI9EZ from Cappoquin, County Waterford.

**Worked All Ireland Activity.** The Worked All Ireland net on 3680MHz continues to attract quite a few operators. Last weekend, Declan EI9HQ was out and about again and activated a lot of squares in the South Leinster area.

Steve G0SGB is coming over for a holiday and will activate squares while based in the Dingle area from Wednesday next the 17th. He will then travel north to Larne in County Antrim and finish up with a trip back down to Dublin on his homeward journey. Steves visit should generate a lot of activity on the net and hopefully he will activate some of the rarer squares in the Kerry area.

Items for inclusion in the Radio News can be faxed to 021-632730 or passed on the telephone to Dave EI4BZ at 021-632444 during the day and at 021-883555 in the evening Input for the Newsletter should be sent to Kevin EI7IM at QTHR or on 01-5409514 or on E-mail to EI7IM@tinet.ie All input to either the Radio News or the Newsletter can also be sent by e-mail to [news@irts.ie](mailto:news@irts.ie)

## PRESCOTT FOREST ROAD RALLY



The date is set for the road rally on October 2nd and 3rd, with awards presented at breakfast on October 4. All who participate are welcome to attend. Just let them know who and how many. It looks like we'll need all the help we can get, just like last year.

Stages for the race are confidential. The drivers don't get the route book until they are ready to move out to the race location, so keep them quiet.

Friday's race will be at night. Saturday's race will start about noon and run into the evening. Looks like Friday night will be in the Bradshaw mountains and Saturday out in the Chino Valley-Perkinsville area.

More information will be made available next month, and then we will start taking names of those who can help

73

Bob Tilman-K7CJW



## PRESIDENTS CORNER

### THE NUMBERS ARE IN: THE NUMBERS ARE BAD

Some startling statistics about the growth -- or lack of growth in Amateur Radio.

The July 1st edition of Fred Maia's W5YI Report says it all. According to Maia -- who is also the nations second largest VEC -- the total number of U.S. licensed Amateur Radio operators grew by less than one percent in the period from June 1997 to June 1998. This is the smallest gain in the issuance of new ham radio licenses since record keeping began in 1978 and it does not take into account an estimated 41,000 amateurs whose licenses have expired but are being carried on the books under the federal two year grace period.

Even more startling is that license classes that require an applicant to show proficiency in the Morse code showed a net loss of 2.3 percent. In fact, the only good news says Maia is with the basic codefree Techs. Their numbers grew again by an unexpected seven 7.5 percent. In simpler terms, one in every four hams now licensed is a codeless Tech.

Maia says that the number of people taking Amateur Radio examinations peaked in 1992. That was the year following the introduction of the codeless Technician class and during that period 115,852 applicants were tested. Since then the number has been steadily decreasing. It reached its low point in the period from June 1st 1997 to May 31st, 1998. Only 61,245 people were examined during that time frame. That says Maia is nearly a fifty percent drop. It also does not bode well for the long term growth in ham radio in the United States. (From NEWSLINE #1090 7/03/98 Via W5YI Report, FCC)

## 73, Bob-K7KOL



From the FAQ (Frequently Asked



Questions) files



What can you do with a ham radio license? There are so many things, it's a difficult question to answer, but here's some ideas:

- Talk to people in foreign countries.
- Help other people become hams.
- Talk to people (both local and far away) on your drive to work.
- Help in emergencies by providing communications.
- Provide communications in parades or walkathons.
- Hook your computer to your radio and communicate by computers.
- Collect QSL cards (cards from other hams) from all over the United States and foreign countries and receive awards.
- Participate in contests or Field Day events.
- Have someone to talk to on those sleepless nights at home.
- Receive weather pictures via satellites.
- Build radios, antennas, learn some electronics and radio theory.

- Aid members of the US military by joining MARS (Military Affiliate Radio System).
- Participate in transmitter hunt games and maybe build your own direction-finding equipment.
- Talk to astronauts in space, or use the moon to bounce signals back to people on the Earth.
- Experiment with Amateur TV (ATV), Slow-Scan TV (SSTV), or send still-frame pictures by facsimile.
- Provide radio services to your local Civil Defense organization thru ARES (Amateur Radio Emergency Service) or RACES (Radio Amateur Civil Emergency Service).
- Experiment with amateur satellite communications.
- Meet new friends

**These are just a few ideas but they may help you understand that there is something related to amateur radio for almost anyone. This may help you promote the hobby of you have any friends or relatives that are interested.**

If the answer to the last question is yes, then ICOM has a deal for you.

Any person who has earned a U.S. or Canadian issued amateur radio license upgrade of General class or higher dated between 4/1/98 and 3/31/99 is eligible for the drawing.

Upgrading hams need to mail in a QSL card or 3x5 card with their name, address, and zip code, along with a photocopy of their government issued license to:

ICOM America  
Hear Comes the Sun Giveaway  
2380 116th Ave NE  
Bellevue, WA 98004

No entries will be returned so make sure you do not mail your original license.

The last week of every month, starting 5/98 and ending 4/99, ICOM America will give away a new IC-706 MKII to a winner drawn from all entries received for the previous month.

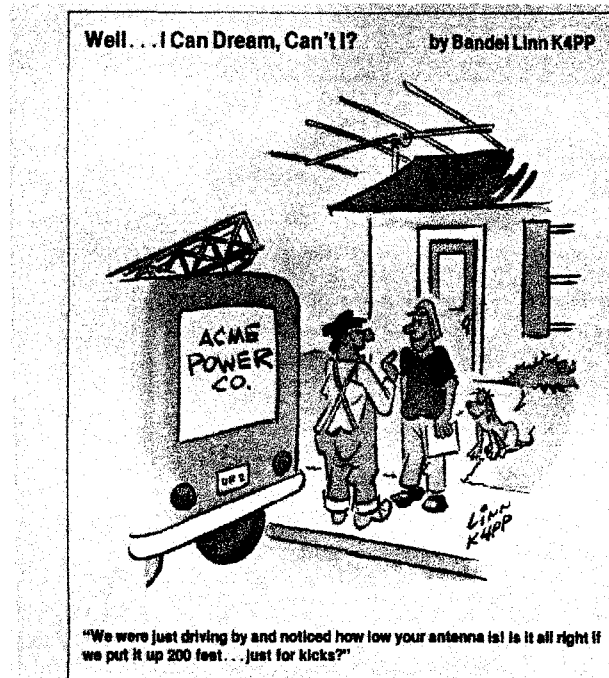
So, what are you waiting for, Sun Spot Cycle 23 has begun and you don't want to miss out on all the great fun that is out their with the increasingly good propagation. Now is the time for you to upgrade.

If you need further information, you can get it at ICOM's web site:

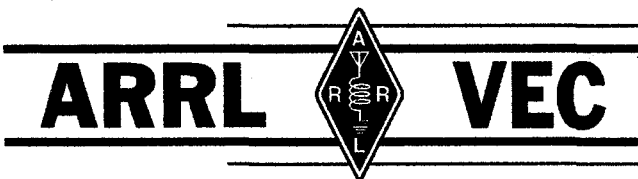
<http://www.icomamerica.com/amateur/>

## PAST PRESIDENTS FORUM.....

### APS Customers-Take Note!



6 73 Magazine • March, 1991



### VE TESTING.

The tentative testing schedule for the remainder of 1998 will be (all Saturday's) August 8, and November 14 at 10:00AM.

All those attending for tests must have **ORIGINAL** license and a copy, Original CSCE's and 1 photo ID.

Special test sessions may be accommodated according to demands, as needed. The test fee for 1998 will be \$6.35. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228 or Dave Rutledge-W9KRQ at 541-1225.

### YOUR LOCAL PRESCOTT AREA VE's

AB7KE	Joan Tremper	AB7KF	Bob Nichols
AB7NK	Mary Miraldi	K7KOL	Bob Kane
KA7NGK	Don Broadston	KB7FRV	Leonard Beers
KC7AGL	Don Muller	AB7SK	Ginger LeGendre
KK7JH	Billy Peters	KG7OL	David Miller
K17EB	Bill Thrift	K17MA	John Dawson
KJ7DX	Matt Strandberg	KJ7KL	Pen Brown
KM6BF	John Wilson	N7VG	Vern Gregory
W2YAV	Bill Kafka	W7DC	Robert Harkey
W6HDP	Bill Jackson	W9KRQ	Dave Rutledge
W7HP	Jim Perrone	WF7J	Walt Loesche

### UPGRADE to General and get a Free Radio

Okay, you have a Technician Class license and you could care less about upgrading because you don't have the money to buy a new radio. You can't figure out what HF stands for? Well, if you could get a free ICOM 706 Mark II radio for earning your General License would you upgrade then?



**73 to all, Matt-KJ7DX**



## NEWS of INTEREST

by Pen Brown-KJ7KL

### TIMEWAVE FILES CHAPTER 11 BANKRUPTCY

Amateur Radio equipment manufacturer Timewave Technology (<http://www.timewave.com>) of St Paul, Minnesota, has filed for Chapter 11 bankruptcy. Timewave President Randy Gawtry, K0CBH, says Timewave plans to continue normal operations while it prepares to file a reorganization and debt payment plan with the federal bankruptcy court. "The process now is in the early stages," he said. The move comes a little more than a year after Timewave acquired rights to the AEA digital product line after AEA ran into financial trouble. Timewave is best known for its DSP filter accessories, such as the DSP-599zx.

"We're still operating and we're still doing repairs and upgrades for our DSP products," Gawtry said. "Nobody should panic." Gawtry said the company still expects to have its new DSP-2232zx multimode TNC on the market later this year. But he conceded that under Chapter 11 bankruptcy, "any number of things can happen." The company has 60 days to file its reorganization plan, which must be approved by the court and by the company's creditors. (From the ARRL's ARRL Letter of 6/19/98)

### 6-METER REPEATER ANNOUNCEMENT

The 52.560 Mt. Union 6 meter repeater system now has a timer in place so that the system separates automatically. The schedule right now is this: Monday through Friday, 9A to 5P the link is off. Nights and Saturday and Sunday, the link is on all day.

The purpose of the timer is to allow Arizona users to talk on the Mt. Union repeater without California users to think about. A generous amount of time has been allotted to Arizona for this purpose with the understanding that if local usage doesn't increase, the timer setting will be greatly shortened or the timer removed completely.

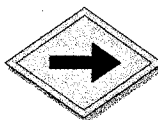
Keep in mind that there are many people behind the effort in providing us with a 6 meter repeater at all, let alone proving that repeaters can be linked within the band and that communication can take place across hundreds of miles with few repeaters used, who are paying the bills and would rather the system remain linked all of the time. Those who pay, get to play, is the theme with this project.

I for one like the system link disconnected for short periods of time. I look at this repeater as a wonderful resource to be shared with others, not my own personal

means to talk with people I know, living in an area where I once lived. As grateful as I am having the repeater available to us, I will continue to ensure that this system operates the way the financial backers want it. The more contributors I see, the more compromises will have to occur. Rex Mauldin N7NGM [trex@northlink.com](mailto:trex@northlink.com)  
P.O. Box 2689 Prescott, Arizona 86302

### FCC: A NEW WAY TO COMPLAIN

The FCC has a new way to deal with land-mobile interference complaints. This, by involving a third party called the Industrial Telecommunications Association, Inc.. The commission says that it now wants complaints filed on a Frequency Advisory Committee or FAC compliance request form and anticipates that a majority of interference complaints may be resolved through negotiation. This, says the FCC, could do away with the need for Commission action to stop the interference. Only when all attempts to identify the source of the interference are unsuccessful will the FCC become involved. (Via FCC) (FROM NEWSLINE #1087 6/12/98)



SAY WHAT? FROM THE "I CAN'T BELIEVE I HEARD IT ON AMATEUR RADIO" files. Every once in a while, we hear something so precious, we have to share it with others:

"I like 11-meters better. You don't have to wait for a repeater to drop out there!"

"I don't have any antennas but I better get a tower up before they pass laws against them!"

"You can convert a CB antenna to any band you want!"

"I don't like my call sign. Do I have to take another test to change it?"

"Now that I have my HT and amplifier I can compete with the Big Guns!"

"You're breaking up here. Push your mike button in harder!"

"My 1/4 wave 6 meter mobile antenna is basically an end fed counterpoise". (HUH?)



There are none so blind as those who don't see!

(If you have any more, send 'em in and we'll print 'em!)



## AREA REPEATERS

Many repeaters are accessible from the Tri-City area:

- Mt. Union(-500khz) 52.560- 100.0pl  
(Linked to California)
- Wildflower Mtn 145.350- c/s
- Towers Mtn 145.370- c/s
- Squaw Pk.(Camp Verde)145.470- 94.8pl  
(linked to Phoenix)
- Bill Williams Mtn 146.780- 91.5pl
- Prescott 146.880- 100.0pl
- Flagstaff(Mt. Elden) 146.980- 100.0pl
- Mingus Mtn. 147.000+ 100.0pl
- Mt. Francis 147.040+ 100.0pl
- Flagstaff-Mt. Elden 147.140+ 162.2pl  
(Linked to 147.360+ Mt. Ord)
- Mingus Mtn. 147.220+ c/s
  
- Mt. Francis(Prescott) 223.960- 127.3pl  
(Linked to Kingman and California-  
Closed Autopatch and Remote Base)
  
- Mingus Mtn.(NorthLink) 442.150+ 100.0pl
- Prescott 447.650- 107.2pl
- Mt. Elden(Flagstaff) 448.475- 100.0pl
- Towers Mtn. 448.575- c/s
- Mt. Elden(Flagstaff) 448.875- 100.0pl
- Towers Mtn.(NorthLink) 449.175- 100.0pl
- Bill Williams Mtn 449.750- 110.9pl  
(Linked to Las Vegas and Greens Pk)

With a higher power base station and a good antenna, many of you may also be able to access these other repeaters, out of the area:

- Greens Pk.(-1 Mhz) 53.410- 110.9pl
- Strawberry(Gila Co ARES) 145.170- 162.2pl
- Mt. Ord 146.660-
- Smith Pk(ARA) 146.680- 162.2pl
- White Tanks(ZIA) 146.700- 162.2pl
- Hualapai Mtn(Kingman) 146.760- 131.8pl
- Mt. Ord(ARA) 146.920- 162.2pl  
(linked to 147.240+ Phoenix)
- White Tanks(ARA) 146.940- 162.2pl
- Grand Canyon 147.320+
- Mt. Ord 147.360+ 162.2pl  
(linked to 147.140+ Flagstaff)
  
- Kingman(CONDOR) 224.880- 156.7pl  
(linked to Las Vegas and many sites in Calif.)
  
- White Tanks(ARA) 441.725+ 162.2pl
- Strawberry 446.400- c/s  
(Linked to 146.680 Smith Pk)

**Additions, deletions or corrections are appreciated!**



FROM CHINO BOB!


### DON'T QUIT

When things go wrong, as they sometimes will,  
When the road you're trudging seems all uphill,  
When the funds are low, and the debts are high,  
And you want to smile, but you have to sigh,  
When care is pressing you down a bit,  
Rest if you must, but don't you quit.

Life is strange with its twists and turns,  
As everyone of us sometimes learns,  
And many a failure turns about,  
When he might have won had he struck out.  
Don't give up though the pace seems slow,  
You may succeed with another blow.

Success is failure turned inside out,  
The silver tint of the clouds of doubt,  
And you never can tell how close you are,  
It may be near when it seems so far.  
So stick to the fight when you're hardest hit,  
It's when things seem worse,  
that you must not quit. KRISTONE

72 to all! Bob-K7CJW



### The American Radio Relay League

**ATTENTION ARRL MEMBERS.** The YARC is an ARRL affiliated club. If you are a YARC member and your ARRL dues are coming up, you can submit your renewal through the club and we get to keep a couple of bucks. Send your ARRL renewals to the club treasurer with your check made payable to the Yavapai Amateur Radio Club.



### WE WANT YOU!

**YARC Membership.** Dues for membership in the Yavapai Amateur Radio Club are \$12.00 per calendar year from January 1 or \$6.00 for the remainder of the year after July 1. Dues may be paid at any club meeting or mailed to the club address. Newsletters will be mailed ONLY to those members who do not attend a meeting and who are current. Contact any club officer for further information.



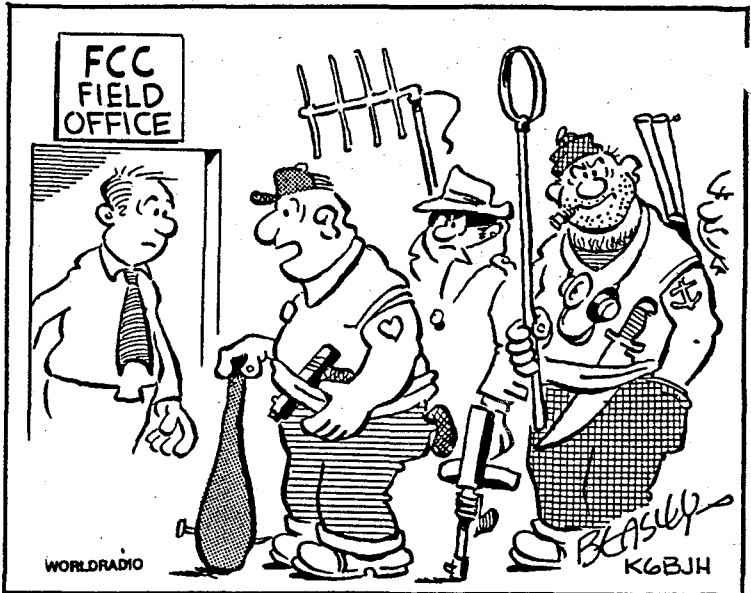
DON'T FORGET! **WEEKLY NET** - WEDNESDAY NIGHTS  
@ 7:00 PM 146.880- (100.0 PL) IF YOU DON'T HAVE  
PL, TRANSMIT ON 146.880 SIMPLEX WHEN THE  
REPEATER DROPS OUT.

**MONTHLY MEETING** - 3rd THURSDAY  
@ GRANITE MTN MIDDLE SCHOOL 7:00PM  
NEXT MEETING THURS. AUGUST 20 @ 7:00pm



Wednesday Morning Breakfast-Iron  
Horse Cafe in Chino Valley. 7:00am. Informal-All are  
invited. Come and see Lloyd-N7QZQ pour coffee for  
everyone. Lloyd says, "It always tastes better when I  
pour!"

Thursday Morning Breakfast-Micheal's Restaurant in the  
Safeway Shopping Center, Prescott Valley. 8:00am. All  
are invited.



UNDERSTAND YOU PEOPLE ARE LOOKING FOR A  
LITTLE ENFORCEMENT ON SOME OF THE BANDS

CARTOONS COURTESY OF  
WORLD RADIO™ MAGAZINE  
(A great publication-check it out!)

YAVAPAI AMATEUR RADIO CLUB  
PO BOX 11994  
PRESCOTT AZ 86304



FOR TRANSDUPY,  
Bench: TOMORROW (7-27) & SAT  
TWARD LEE CONLEY  
Whistle - 2UL - RIGHT TO BLOW  
1ST SIG. RIGHT  
1229 OOKA DRIVE  
147-226 MARCUS MOUNTAIN  
RACES - RRES

or WEB - INDEXES TO SITES  
VocalTec - [www.vocaltec.com](http://www.vocaltec.com)  
has soft/adv  
SIS 73 BE NEXT SAREX

~~WE USED UP ALL THE GOODIES~~

(9/22/94)  
~~12 = DONUTS  
20 = STRUDEL BITS  
? = CHOC CHIP TABS  
10000 30 = DONUT HOLES~~