

The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA DM-34
VOL 9 - No.2 FEBRUARY, 1999**

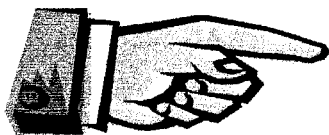


WELCOME TO THE YAVAPAI

AMATEUR RADIO CLUB The Yavapai Amateur Radio Club is an ARRL affiliated club. The club participates in many activities in the tri-city area including providing communications for local events, emergency communications, volunteer exams, and promotion of the hobby throughout the community. Membership in the YARC is open to any interested amateur or non-amateur alike. The YARC meets at 7:00 PM local time on the 3rd Thursday of every month at the Granite Mountain Middle School, 1800 Williamson Valley Rd. in Prescott. It is about 1/2 mile north of Iron Springs Rd and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting. The weekly NET is held every Wednesday at 7:00 PM local time on the 146.880- repeater. All amateurs are invited to participate and visitors are always welcome. The Yavapai County ARES/RACES NET is held on Monday nights approximately at 6:45PM local time on the 147.220+ (No PL) repeater on Mingus Mtn.

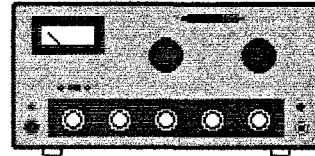


SPEAKERS WANTED! Want to make a presentation to the club? Got a favorite subject or experience you would like to share? If you do, we'd like to hear from you! Programs of interest are always needed for club meetings. Share your knowledge or experience with the rest of the club at our meetings. Contact Lee Cunningham, KC7CBK for more information.



WE WANT YOU!

Membership in the Yavapai Amateur Radio Club is only \$12.00 for 1 year. Newsletters will be mailed only to those members not attending a meeting and current on dues. Those in arrears 3 months will be dropped from the membership list. Dues can be mailed to the club PO Box or given to the treasurer at any meeting.



SPECIAL EVENT STATION, K7A, A SUCCESS

A Special Event station operated on Sunday, February 14 from the Sharlot Hall Museum in Prescott to celebrate Arizona's Statehood Day. The station was operated by several students from Granite Mountain Middle School, with help from some YARC members. Thanks to Bob-WB6ODR for applying for and receiving the special event call sign, and all the help and preparation from club members. Log information was not available at printing time. We will get them in next months issue.

FROM THE DESK OF THE PRESIDENT



Club President
Lee Cunningham,
KC7CBK

Usually I don't mix hobby with politics but I'm going to make an exception. Fran Schumacher, KB7QNU, is running for the Prescott Valley city council. She, along with Bob Laxton, W7ALR also a member of the Planning and Zoning Commission, helped draft the revisions to the present ordinance concerning the placement of Amateur radio towers. Her bio indicates she's lived in Prescott Valley for eight years and has spent her spare time volunteering for several charitable organizations and civic groups. If you missed the February meeting, you missed an opportunity to meet Fran and hear her views on the future of Prescott Valley. I'm not endorsing Fran's candidacy, mind you, but if the delays

continue for the final passage of the Amateur tower ordinance, she could be on the council by the time it comes up for vote.

I hope you enjoyed the special event station on Arizona Admission Day. Terry, KB7TRE, and his students from the Granite Mountain Middle School Radio Club along with those of you that made it out to Sharlot Hall, had a blast. The visitors to the museum had a good look at the operation of a mobile Ham station and they, also, had a tour of the Yavapai County Emergency Communications van.

I'm looking forward to seeing the pictures of your Ham shacks. It doesn't need to be professionally done. A snap shot will do. We can scan it into the computer and enhance it, if necessary. Don't forget the biography. I haven't been a Ham for long and I would enjoy learning about how you became a Ham. Tell us all what experiences you've had. Do you DX? What special contacts have you made? I'd like to post the picture and biography in the newsletter, which by the way is posted on our web site. I just got an e-mail from the Middle Peninsula ARC in Gloucester, Virginia and they seen a copy of "The Yavapai Signal". How about that!!!!!!!

Have you looked at our web site? A big Thank You to Frank, N7VOJ, for the wonderful work.

73 for now. KC7CBK

YARC OFFICERS for 1999

Lee Cunningham, KC7CBK
 Hal Tritel, N6OVE
 Kris Bearscove-KC7UNK
 Tony Masvidal, W7PCU
 Fred Schefflette-KC7TIN

President*
 VicePresident*
 Secretary*
 (a)Secretary*
 Treasurer*

YARC BOARD OF DIRECTORS

*Includes Club Officers

Bob Kane, K7KOL
 Dale Leslie, N7XFD

Frank Homeff WA6JBV
 Frank Bennett, N7VOJ

(a) Tony Masvidal will share the secretary's duties with Kris until he graduates and leaves sometime in July.



UPCOMING EVENTS OF INTEREST

- ▶ March 13-14 QCWA QSO Party
- ▶ March 13-Scottsdale Spring Hamfest. 9000 E. Chaparral. 6:00 AM, T/I 147.180+ (Parking \$2.00)
- ▶ March 27-28 CQ WPX SSB Contest
- ▶ May 8 ARRL-VE Test Session, Prescott
- ▶ June 25-27 Field Day

More detailed information on Contests and Special Events can be found in most amateur publications such as QST, Worldradio, and others.



Club Repeater

The local 146.880- MHz repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Rd and requires a PL of 100.0 Hz. If you hear a 1400 Hz pulsing tone, the repeater is on backup battery power and usage should be limited to necessary communications. There is a second 2-meter repeater on Mt. Francis on 147.040+ MHz and also requires a PL of 100.0 Hz. Also on Mt. Francis is the 447.650 repeater (-5 MHz and 107.2 PL) Coverage of the 3 repeaters varies, but all 3 cover the local area quite well. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.



JANUARY MEETING The

January meeting was called to order at 7:00PM by President Lee Cunningham, KC7CBK. Due to time constraints, the evening's program was first. Tony Kaus from the Prescott Public Library came to tell club members about new things the library has to offer, and the technological advancements they are using. The library has computers for accessing the Internet and she explained how residents can get on-line to the library to reserve books, renew books already out, get e-mail access for those who don't have it or a computer at home, and how the library's website works. Tony also covered book security and self check out for books. She will look into having a link on the library's web page for the YARC website. We thank Tony for taking the time to visit our club.

The refreshment break followed the program, and the winning 50/50 raffle ticket belonged to Jim Blackmore, W6KCF who won \$12.00.

Club business followed. Lee Cunningham presented the 1998 club officers (Bob Kane, Lloyd Halgunseth, Kris Bearscove and Fred Schefflette) with Certificates of Appreciation for their hard work and dedication.

Visitors to the club were introduced: Maher, KD7DSO who is a civil engineer with offices in Prescott Valley and Lake Havasu, and Mike, KB7TG who is from Montana and said he came down here to Arizona to escape the cold!

OLD BUSINESS The club president reminded everyone of his vision to have the club's history documented and put together beginning with the old Prescott ARC which existed in the 80's. Members are encouraged to take pictures of themselves and their stations for a "scrapbook".

The minutes of the December meeting were read and accepted with 1 minor correction. The treasurer's report was given and the club has \$609.47 and the refreshment fund has \$26.02.



KRIS-KC7UNK GIVES SECRETARY'S REPORT TO CLUB

NEW BUSINESS The club president stated that there are still committee assignments that need to be filled. Anyone wishing to help or contribute to the newsletter is

encouraged to do so. Bob Rosevear, WB7RRQ has agreed to be the official greeter at meetings.

Pen Brown, KJ7KL and Vern Gregory, N7VG will serve as the training and technical committee. Lloyd Halgunseth, WA6ZZJ will continue as Emergency Coordinator and David Passel, K6UWV will handle refreshments. Publicity is a matter that needs to be focused on. Frank Bennett, N7VOJ suggested that many members could bring a camera with their HT to the many events. Tony Masvidal,

W7PCU suggested that the club officers be changed on the website. This will be done soon, as Frank Bennett, N7VOJ had been on vacation for several weeks. Lloyd, as EC, announced that Emergency Services will be working with the Prescott Fire Department on Y2K scenarios and will be able to assist with communications, should there be a need. Frank suggested a story to the Courier. Frank also announced that the ERAU-ARC is attempting to start up again and needs advisors. Their problem is that many members are seniors who graduate and the club goes stagnant.

Terry Pemberton, KB7TRE brought the club up to date on the Special Event station that will be at the Sharlot Hall Museum on February 14 to commemorate Arizona Statehood Day. Lloyd will check for the availability of the Emergency Services van for the event. Lee discussed the sign for club events. Terry will make one up and the club will cover the cost of materials. The 4 x 6 banner will be available. Prescott Valley Planning & Zoning will meet on February 8, 1999 at 7:00 PM to further discuss the antenna ordinance. Terry announced that he has offered amateur radio to the scouts for next year's JOTA. Lot's of help will be needed. Bob Kane expressed his concern for all members help and suggestions for programs for future club meetings. Lee Cunningham wants to get any Field Day plans going as soon as possible. This will be covered more next month. Bob Kane announced a job available for a customer service position for a local ISP. Kris reminded everyone that some handouts and copies of last month's newsletter were available at the front table. He also mentioned that the club averaged 80 members in 1998. Bruce Jaeger, KC7NVN inquired about having the newsletter available on the website. He was informed that it is already there.

There being no further business. The meeting was adjourned at 9:00PM.



THE NEWSLETTER

If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, comments, stories, personal experiences, or other items related to the hobby. Send e-mail to: km6bf@primenet.com
Occasionally we will have articles from other clubs newsletters:

OARC Transmitter

Owasso Amateur Radio Club Transmitter On-line Newsletter P.O Box 1251 Owasso, OK 74055

Murphy's Law for Amateur Radio By Larry Waggoner, W0KA

- ◆ An important instruction manual or operating manual will have been discarded.
- ◆ Original drawings will be mangled in the copying machine.
- ◆ Any wire cut to length will be too short.
- ◆ The availability of a component is inversely proportional to the need for that component.
- ◆ If a project requires X components, there will be X-1 in the junk

box.

- ◆ If a particular resistance is needed, that value will not be available. Further, it cannot be developed with any available series or parallel combination.
- ◆ A dropped tool will land where it can do the most damage. (Also known as the law of selective gravitation.)
- ◆ A device selected at random from a group having 99% reliability, will be a member of the 1% group.
- ◆ The probability of a component value being omitted from a plan or drawing is directly proportional to its importance.
- ◆ Interchangeable parts won't.
- ◆ Components that must not and cannot be assembled improperly will be.
- ◆ If a circuit cannot fail, it will.
- ◆ A transistor protected by a fast-acting fuse will protect the fuse by blowing first.
- ◆ A self-starting oscillator won't.
- ◆ A crystal oscillator will oscillate at the wrong frequency --- if it oscillates.
- ◆ A PNP transistor will be an NPN.
- ◆ A failure will not appear till a unit has passed final inspection.
- ◆ If an obviously defective component is replaces in an instrument with an intermittent fault, the fault will reappear after the instrument is returned to service.
- ◆ After the last of the 16 mounting screws has been removed from an access cover, it will be discovered that the wrong access cover has been removed.
- ◆ After an access cover has been secured by 16 hold-down screws, it will be discovered that the gasket has been omitted.
- ◆ After a rig has been fully assembled, extra components will be found on the bench.

— Bulletin of Kansas ARPSC



WE GET LETTERS!

Occasionally we receive correspondence worthy of reprinting for our member's benefit.

SORRY. THE MAILBOX WAS EMPTY AGAIN THIS MONTH!



Packet, its Alive!

By Lee Cunningham-KC7CBK

The brains of packet is the software. If you haven't selected a TNC, a check of the software that accompanies the TNC might help in that decision. AEA/Timewave, which sells the PK-12, PK-96, and PK-232MBX, developed the PPLite (DOS) and PCPakratt (Windows) software programs. Kantronics, which has the KPC-3 Plus, KPC-9612 Plus, KAM, and the KAM-98 multimode data controllers (fancy for TNC) uses the HOST Master programs. MFJ uses MFJCOM and Lan-Link. Packet51 and Packet61 will work for most TNCs.

There are several software programs that provide the user many simplified functions. For example, the PCPakratt program is Windows based and full of features. It was developed for AEA to compliment the product line of TNCs. The software is full color, menu driven, and simple to use. You add to the connect menu the Nodes, BBSs, and stations you wish to contact. Then just click the left mouse button on the "CON" button. Click the mouse button on

the "DIS" button to disconnect. Setup is simple. Just open the Parameter menu and fill in the information necessary.

Oh..... you don't know what to fill in! OK, let's go through the basic setup. First, "Mycall" fill in **your call sign**. Most programs have a default setting but you must change this setting for the program to work and for you to be identified. Next change the "Beacon" to **every 90** so that your packet station will be *seen* every 15 minutes. It's like calling "CQ". Add your call sign and a location, limit 120 characters, to "Btext". This is what the beacon will transmit. Add a welcome message, again limit 120 characters, to "Ctext". This is the message anyone who connects to you will receive. Change "CMSg" to **on**. This enables the connect message. Here are two changes that effect the amount of traffic or stuff you want to see. "Monitor *n*" The letter *n* stands for a number from zero (0) to six (6). Zero means you won't monitor any traffic while you're unconnected. Six means you'll monitor everything. You be the judge. The same with "Mcon *n*". It allows you to see the traffic while you are connected. I recommend this be set to one (1). So you can see the beacons. This should allow you to turn on you packet station and see what's happening. If you want to turn on your mail box, change "MYMail" to **your call sign-1**. The -1 is a substation ID (SSID) which allows you to use your call sign up to fifteen (15) times. You'll see how it's used as you become familiar with packet. Add a message to "Mtext". This is like an answering machine message. Again the 120 character limit. I'll go into optional parameters next month.

If the software is not menu driven, you might have to make the changes manually. The following commands will help. First if you are in the terminal mode use "Ctrl-C" (Control and the letter C) to change the terminal to command mode with the return prompt "CMD:". Type the command, like "Beacon".
(*The underline signifies the short cut commands.*) The TNC should respond with "Beacon: every 0". Type "Beacon every 90". The TNC should respond "Beacon was every 0" "Beacon now every 90". Do this with every parameter. To check all the parameter type the command "DISPlay". The TNC should respond with a list of the parameters and their augments. (*Copy these parameters and save them to a file.*) You might get a display with letters A,B,C,I,L,M,T, and Z. The letters provide a sub-list of the parameters by class. To get all the parameters type "DISPlay Z". The other commands are "CALibrate", "Connect", "CONVerse" or "K", "CStatus" = shows status of links, "Disconnect", "FREe" = memory for MailDrop, "Id", "Mheard" = call signs heard, "REINIT" = reinitializes the TNC, "RESET" = rests to defaults, "RESTART" = soft on/off, "TClear" = clears transmit buffer, and "Trans" = enters transparent data mode.

If you have any questions or comments about packet, please call me at (520)771-2055 or e-mail at leeco1@juno.com or via packet, KC7CBK



FROM THE PAST-PRESIDENT

QC, QC de LOK7K
99/23/01

Many times in my life, I have been called a contrarian; a salmon heading out to sea when all the others are

swimming up-stream! When the country is going conservative, I'm in favor of unshackling the old chains. When many were voting Republican, I voted Reform! When many were voting for a mall, I voted to preserve the sylvan scenery. My voting success proved to me that two wrongs make a wrong: vote for Perot and get a Clinton, vote for trees and get concrete. Seems like simple quantum mechanics to me!

But a contrarian, by nature must look at alternatives to the majority opinion in order to justify his position. I'm a contrarian when the question of mandatory proficiency in morse code as a prerequisite for obtaining a license to operate an amateur radio transmitter is raised.

On February 1 of this year, the International Maritime Organization, an agency of the United Nations, mandates that all passenger and cargo ships of more than 300 tons displacement must use the Global Maritime Distress and Safety System, employing digital and voice modes to communicate, via satellite. Morse code will soon join the dustbin of maritime history, leaving behind many old "tweeties" and "sparks" such as me to gloriously remember the nights I sent traffic and copied "press" from New York at 35wpm on an Underwood typewriter, strapped into my operating position while my ship lunged and wallowed in the North Atlantic! God, that was fun!

I'm still capable of copying 15 wpm quite accurately; 20 with some studying and practice before a VE exam, but I'm envious of those who can copy 25 and 30 wpm, two and three words behind, and still maintain that "sweet swing" to their fist when they send.

Really though, is proficiency in a foreign language such as morse code a requirement to operate a radio transmitter? Many hams want to maintain that requirement for licenses bestowing communications privileges in what we call the "HF" band; but why? A person who does not speak Spanish would not join a conversation in that language; would we expect a ham illiterate in "cw" join a cw contact? Of course not! Do we want new "HF" qualified hams to speak and qualify in cw because we had to? Do we want new "HF" qualified hams to speak and qualify in cw because the dits and dahs are the "lingual badge of belonging" to a select group of "old guard" operators gradually disappearing from the call book? Would it hurt our hobby if the code requirements were eliminated from initial and up-grading tests? Wouldn't it be better for our hobby if mastering cw was so awesome that exclusive bands were expanded for those multi-lingual savants?

It is my opinion that morse code should not be a test element of any license to operate a radio transmitter in the amateur frequencies. We would encourage more people to explore ham radio as a hobby if we did not discourage them by insisting they learn a difficult, unnecessary discipline. The discipline of higher technical knowledge and more civil communications ethics would further our hobby and ensure it of a strong future. The future is digitized, and it is here. Give "cw" its revered place in our history, and encourage its use by those willing to master its intricacies and nuances, but don't place it as a speed-bump in future amateur's paths.

Bob Kane, K7KOL (Extra Class) Past President, YARC



From the FAQ (Frequently Asked



Questions) files

WHY SHOULD I JOIN THE ARRL?

Good question. Since the ARRL is the largest organization fully dedicated to the advancement and preservation of Amateur Radio, here are a few reasons you should be a member:

Benefits You're Entitled to as an ARRL Member

- ◆ Your Monthly Membership Journal (QST)
- ◆ New! Members Only Web Site
- ◆ Technical Information Service (TIS)
- ◆ Ham Radio Equipment Insurance
- ◆ Outgoing QSL Service
- ◆ ARRL Field Organization
- ◆ Operating Awards
- ◆ And More!

QST, Your Monthly Membership Journal. QST is simply the source for news and information on any topic that's part of, or relates to, Amateur Radio. Here's some of what you'll find every month:

Informative and hard-hitting Product Reviews of the newest radios and accessories from hand-held and mobile FM radios, to home-station transceivers, antennas and even shortwave radios. Advertisements. You'll find everything from full-color foldouts introducing new radios to a large classified ad section. Each month's Coming Conventions and Hamfest Calendar columns show you who's getting together every month at hamfests, conventions and swapmeets in your area. The Public Service column keeps you up to date on the public service efforts hams are providing around the country and shows you how you can join in this satisfying aspect of our hobby.

FM/RPT column. You'll find lively discussions of FM and repeater "current events."

The New Ham Companion section is filled with features and how-to information just for beginning hams. There's no jargon-filled "tech talk"--just straightforward, easy-to-understand articles designed to get you on the air doing the things you like best.

Whether you're interested in contesting, DXing, or radios, accessories and antennas you can build at home, QST covers them all: New trends and the latest technology, fiction, humor, news, club activities, rules and regulations, special events, packet radio, and much more.

New! The Members Only Web Site. The ARRLWeb Extra Web 'zine -- Exclusive features, photos, news, reviews and sounds from the world of Amateur Radio! Product Review archive -- Get copies of any QST Product Review column from 1990 to the present in an Adobe Portable Document Format (PDF) file. QST/QEX Search -- Search an index of all issues of QST and QEX. Member Data Page -- Review and update your QST mailing address and select email notification options.

Technical Information Service (TIS). The Technical Information Service (tis@arrl.org) has been around for a long time, but, thanks to the addition of new staff, it has an all new face! Questions on topics ranging from A (antennas) to Z (Zener diodes), and just about anything in between, are answered by expert ARRL Technical Coordinators and Technical Specialists in the field and at ARRL Headquarters. Our Headquarters technical staff will help you over the phone, refer you to a volunteer ARRL Technical Specialist in your area, or send you the needed information from a growing collection of information packages. For really difficult questions, one of our Laboratory Engineers will research our technical library and send you an answer by postal or electronic mail.

Ham Radio Equipment Insurance. As a League Member, you can take advantage of

the ARRL All-Risk Equipment Insurance program at a substantial savings over other plans.

Outgoing QSL Service. Let us be your mail carrier and handle your overseas QSLing chores. The savings you accumulate through this service alone can pay your membership dues many times over.

ARRL Field Organization. Be part of a League tradition and join a select group of ARRL Volunteers serving your fellow Radio Amateurs and the public.

Operating Awards. The League sponsors the most popular operating awards. You can increase your operating proficiency while you find out about the history and culture of places you've only dreamed of visiting.

And More! Your ARRL Membership helps fund the following services. You may use one or two of these services during the course of your membership, or you might take advantage of them all. As an ARRL member, you insure their existence and continuation:

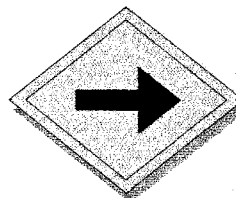
Representation of your Amateur Radio interests in Washington, DC A Regulatory Information Department that provides information on FCC and regulatory questions; problems with antenna, tower and zoning restrictions; and reciprocal licensing procedures, Volunteer Counsel Program, Volunteer Examiner, Coordinator program, Amateur Radio Emergency Service, Registered Amateur Radio Instructor program, W1AW code practice, bulletins and code proficiency sessions ARRL-sponsored contests Preferred subscription rates for The ARRL Letter; QEX, the ARRL Forum for Communications Experimenters; and the National Contest Journal (NCJ)

Join ARRL Today! To obtain more information about any of these benefits and services, please write or call:

The American Radio Relay League, Inc
225 Main St
Newington, CT 06111 USA

email kcapodicasa@arrl.org · telephone (860) 594-0200 · fax (860) 594-0259

...and, don't forget to send your ARRL renewals through the club. We will process your renewal and we get to keep a couple of bucks. Just bring your renewal and the envelope to any club meeting! Thanks.



SAY WHAT? FROM THE "I can't believe I heard it on amateur radio" files:

"Not feeling well Bob? You sound kind of fuzzy today!"

"Someday we'll be able to connect our radios to our computers and talk over the Internet!"

"I wonder what Y2K will do to the repeater?"

"It was so windy last night my vertical was horizontal!"

"My microphone has buttons like a telephone. Can I make phone calls with it?"

(continued on page 6)

"Silly me, I thought a license would come with the radio!"

"Packet is like e-mail, but from the stone age!"

"We need a universal license. All you have to do is buy one in a lot of countries. I could save a lot of dough!"

"Ever since I put a new battery in my car, my mobile rig puts out a lot more power!"

"I want to be on the air when Y2K hits. I want to be part of it when everything shuts down!"

"Yea, when I get that antenna up at the house my neighbors will think I'm really something then!"

"Does the repeater sleep at night?"



OTHER NEWS OF INTEREST

From Pen Brown, KJ7KL - Senior Communications Correspondent and News Analyst



FCC COMES A CALLIN' IN CAROLINAS. WASHINGTON, DC, Jan 23, 1999--FCC engineering and legal staff conducted unannounced Amateur Radio station inspections January 21 and 22 in North and South Carolina, reports FCC amateur enforcement honcho Riley Hollingsworth,

K4ZDH. "Commission personnel inspected the stations of John A. Abernethy, K4OKA, an Extra Class licensee in Hickory, North Carolina, and Richard Whiten, WB2OTK, a General Class licensee in Easley, South Carolina," Hollingsworth said.

In both cases, FCC officials were accompanied by local law enforcement personnel. Hollingsworth said both amateurs cooperated with the inspections, which lasted approximately two hours apiece. "In both cases, we were monitoring until a few minutes before we went in," he said. Authorities also took photographs of the stations. "We did a pretty thorough inspection," Hollingsworth added.

FCC officials said that both operators "were the subjects of many complaints about their operations on the 75 and 20 meter Amateur bands." The officials said the results of the inspections were "under review." They declined to comment on what they found at the stations, nor would they say what subsequent action might be taken.

Earlier this month, the FCC issued a stern warning to an Indian River County, Florida ham who, the FCC said, had been using the amateur airwaves to transmit information on, among other things, the credit reports, criminal records, and mortgage foreclosures of other hams and their families. "You have apparently made these disclosures and broadcasts for the purpose of deliberately and maliciously interfering

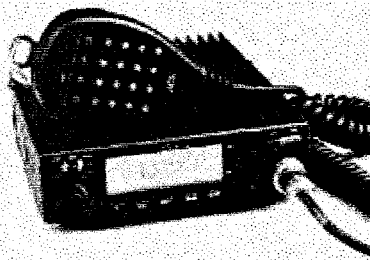
with licensed Amateurs operating on those bands, and for harassment or perceived retaliation," said the letter, signed by Hollingsworth.

"We view this matter as extremely serious," he told the ARRL. Hollingsworth called the alleged operation "contrary to the purpose of Amateur Radio as stated in our rules and international treaties, and endangers the entire Amateur Radio frequency allocation internationally."

Hollingsworth has been spearheading a renewed FCC amateur enforcement effort begun last fall. He recently issued strong warnings to three other amateurs alleged to have been involved in malicious interference. Hollingsworth also made a recent appearance on 3894.5 kHz--a 75-meter "hot spot"--to help break up an on-air argument and to discuss compliance and on-air behavior with the amateurs on hand. *(From the ARRL's ARRL Letter of 1/22/99)*

ALINCO HITS MARKET WITH 10-M, 10W MOBILE

Alinco is proud to announce the DR-M03SX. The DR-M03SX is a 10 Meter FM 10w mobile radio with 100 memories, CTCSS encode std. (decode opt.), Adjustable repeater offsets, and DTMF Microphone. The band is starting to really open, and this small performer is ready to take on what 10m FM can dish out. It smaller than a standard 2m mobile and fits into the confined spaces often found in newer cars. Our Suggested retail price is \$259.95 check with your local authorized Alinco dealer for your price on the DR-M03SX. Get ready for 10-meter adventure with the DR-M03SX! *(From ALINCO)*



ADI ANNOUNCES NEW 222 MHz MOBILE. The AR-247 1.35 Meter (222 MHz) Mobile*: Our most advanced mobile ever! The new AR-247 is the first brand new mobile transceiver for the 222 MHz ham band in years!

This radio has many state of the art features including direct frequency entry, lots of memory channels (81) and more. Our AR-247 is also the first amateur mobile transceiver to feature both CTCSS and Digital Coded Squelch to ensure compatibility with both the repeater systems of today and the systems of the future.

Features: Transmit Range: 222-225 MHz, Receive Range: 216-229 MHz, MARS and Canadian ham band capable (permits are required), three power settings: 30, 15, and 5 Watts, 80 memories plus a CALL channel (all memories store any offset or tone), both CTCSS and DCS encode and decode included, Auto Repeater Offset, 9 DTMF autodialer memories PLUS a built-in redialer for autopatch use, programmable band and memory scan modes, user programmable Time Out Time, DTMF paging, dual frequency watch, direct frequency entry using multi-function DTMF microphone, PC programmable (with optional programming software), Auto Power Off, frequency or channel display modes, 4-step display dimmer, power line over/under voltage protection, easy mobile operation, Small! Size: 1.5"(H)x5.5"(W)x6.25"(D) *(*This transceiver has not been approved or sale by the FCC. It is not, and may not be, offered for sale or lease until after such approval is granted. Available in March 1999) Copyright © 1999 by PREMIER Communications Corporation. All rights are reserved.*



Joe Walsh, rock star/Collins collector and ham! A West Virginia ham recently cut a deal to sell his refurbished vintage Collins KWS-1 transmitter and 75A4 receiver to singer-songwriter Joe Walsh, WB6ACU. Mark Danehart, W8MSD, of Mt Olivet, West Virginia, decided to sell the pair recently, and he was surprised when Walsh was the lone caller responding to his ad. Danehart made arrangements to ship the heavy metal units to Walsh, who was wrapping up a

concert tour. An ARRL Life Member, Walsh, 51, has enjoyed a career with the Eagles and as a solo artist. He's belonged to the League for 27 years now. In addition to a check for the Collins gear, he sent Danehart an autographed picture as well as two autographed CDs. Walsh's road manager also promised Danehart front row seats to Walsh's next concert in the Ohio Valley. Danehart's story of the Collins sale appeared December 9, 1998 in The Wheeling Intelligencer. (From the ARRL's ARRL Letter of 1/22/99)

ARES/RACES NEWS



We are looking forward to working in cooperation with YARC on the communications events in the upcoming year. By working together we can gain publicity for both organizations.

We have already been contacted to provide communications for the March of Dimes

Walk America on April 17, 1999. For this event we will need a minimum of 8 operators, one with a portable 2 meter radio with mag-mount antenna. The Club has worked this event for several years and our help is very much appreciated. Operators will be signed up beginning the middle of March. Please circle the day on your calendar. A meeting was held recently with Prescott Fire Chief, Darrell Willis, concerning amateur participation in the city's Y2K contingency plans. More information on this will be passed along as plans are affirmed. Some of the other upcoming events are:

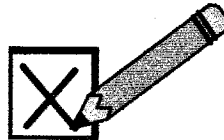
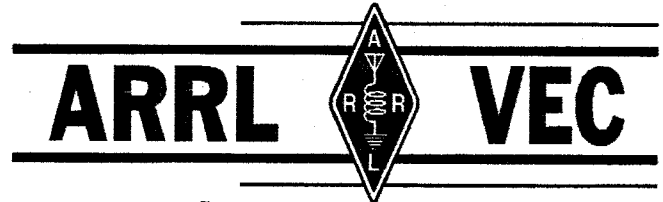
- Whiskey Row Marathon Saturday, May 1, 1999
- Prescott Frontier Days Parade Saturday, July 3, 1999

The Yavapai County ARES/RACES net is held every Monday night at 6:45PM on the Mingus Mtn. 147.220+ repeater. If there are any questions I can be contacted at (520) 717-2706 or at wa6zzj@northlink.com for email.

Lloyd Halgunseth, WA6ZZJ
Yavapai County DEC/RO



GOT ANYTHING FOR SALE? CLUB MEMBERS CAN LIST THEIR EQUIPMENT HERE FREE.



Volunteer Examiner Testing

A test session was held on Saturday February 13. There were 16 candidates who were administered 27 elements which resulted in 1 new Novice, 3 Tech's, 1 Tech+ and 1 General Class. Many thanks to those VE's who helped.

The tentative remaining testing dates for 1999 are May 8, August 14 and November 13, all Saturdays at 10:00AM at the Blind Center, 440 N. Washington St, Prescott.

All those attending for tests must have **ORIGINAL** license and a copy, Original CSCE's and 1 photo ID. (VE's-remember to bring and wear your VE - ID Badge!)

Special test sessions may be accommodated according to demands, as needed. The test fee for 1999 will be \$ 6.45. 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	AB7VH	Ruth Enabnit
K7KOL	Bob Kane	KA7NGK	Don Broadston
KB7FRV	Leonard Beers	KC7AGL	Don Muller
AB7SK	Ginger LeGendre	KK7JH	Billy Peters
KG7OL	David Miller	KI7EB	Bill Thrift
KI7MA	John Dawson	KJ7DX	Matt Strandberg
KJ7KL	Pen Brown	KM6BF	John Wilson
N7VG	Vern Gregory	W2YAV	Bill Kafka
W7DC	Bob Harkey	W6HDP	Bill Jackson
W9KRQ	Dave Rutledge	W7HP	Jim Perrone
WB6ODR	Bob Smith	WF7J	Walt Loesche



LOCAL AREA REPEATERS

52.560-	100.0 Hz	Mt. Union (-500KHz)
53.040-	C/S	Airport (-1 MHz)
145.350-	C/S	Wildflower Mtn.
145.370-	C/S	Towers Mtn.
146.780-	91.5	Bill Williams Mtn.
146.880-	100.0	Prescott
146.980-	100.0	Flagstaff(Mt. Eldon)
147.000+	100.0/162.2	Mingus Mtn.
147.040+	100.0	Mt. Francis
147.140+	162.2	Flagstaff(Mt. Eldon)
147.220+	C/S	Mingus Mtn.
223.960-	127.3	Mt. Francis
442.150+	100.0	Mingus Mtn.
442.350+	100.0	Glassford Hill
447.650-	107.2	Mt. Francis
449.175	C/S	Towers Mtn.

ADDITIONS, DELETIONS AND CORRECTIONS APPRECIATED



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, MARCH 18 @ 7:00pm



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy 89 in Chino Valley. 7:00am. Informal-All are invited.

Thursday Morning Breakfast-Michael's Restaurant in the Safeway Shopping Center, Hwy 69 Prescott Valley. 8:00am. All are invited.

SOME CARTOONS COURTESY OF WORLD RADIO™ MAGAZINE

(A GREAT PUBLICATION-CHECK IT OUT!)

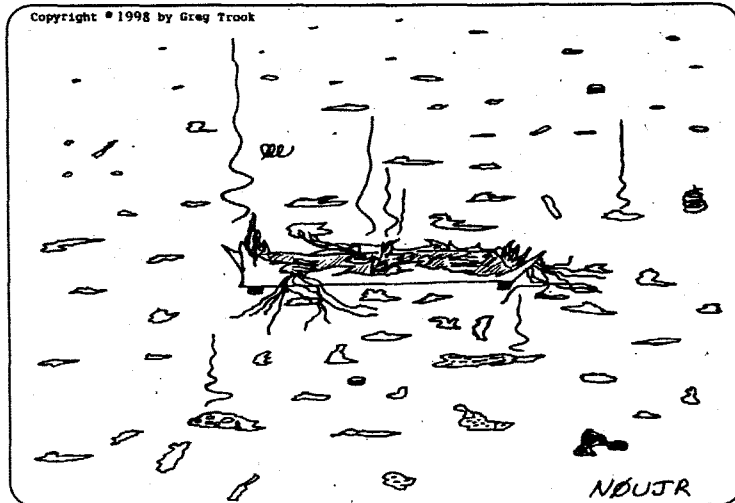


Fig. 3-2: Transceiver exploded view.

To subscribe call: 1-800-366-9192

YAVAPAI AMATEUR RADIO CLUB
PO BOX 11994
PRESCOTT, AZ 86304

