

The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA DM-34
VOL 10 - No. 10
OCTOBER, 2000**



**WELCOME TO THE YAVAPAI
AMATEUR RADIO CLUB** The Yavapai Amateur
Radio Club (YARC) 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+ repeater on Mingus Mtn.

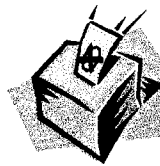


**NEW WEB ADDRESS
- W7YRC -**

A hearty THANKS and "job well done" to Bob Smith-WB6ODR for all the work he has done and what he has accomplished on, 1) Getting the new vanity call sign (W7YRC) for the club, and 2) for the new website and address- <http://www.w7yrc.org>

Be sure to change your bookmarks file and pass the information on to all your friends and ham acquaintances.

ELECTION TIME IS COMING!



Yes, it's that time again. Time for some of you to step forward and do your part to help run the club. In November, we will elect new officers for the club. It's not too early to think about what you can do for your club. We have been very fortunate to have good leadership and new ideas brought into the club. If you would like to continue this trend, we urge you participate and run for one of the positions that will be open. A committee will be formed to accept nominations for the open positions.

YARC OFFICERS for 2000

President Lee Cunningham, KC7CBK kc7cbk@arrl.net	VicePresident Terry Pemberton-KB7TRE kb7tre@aol.com
Secretary John Wilson-KM6BF km6bf@primenet.com	Treasurer Fred Shefflette-KC7TIN

YARC BOARD OF DIRECTORS
Includes Club Officers

Past President
Bob Kane, K7KOL

Frank Homeif WA6JBV
Dale Leslie, N7XFD

NEWSLETTER EDITOR - John Wilson-KM6BF

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. The 147.040+ (100.0 PL) repeater is

back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.

SCCA ProRally.

PRESCOTT FOREST ROAD RALLY

The road rally was again assisted by several members of the YARC who provided vital communications for the event.



Where's the Auto Club when you need them?



UPCOMING EVENTS OF INTEREST

- ▶ October 21, Tucson ARRL/ARCA Swapfest-Sabbar Shrine Temple, 450 S. Tucson Blvd, Tucson, AZ T/I 146.880-
- ▶ November 4-6, 2000-ARRL Sweepstakes-CW
- ▶ November 11, 2000-VE Testing, Prescott
- ▶ November 18-20, 2000-ARRL Sweepstakes-SSB
- ▶ November 25-26, 2000-CQ WW DX Contest-CW
- ▶ December 1-3, 2000-ARRL 160M Contest-CW
- ▶ December 2, 2000 Superstition ARC ARRL Hamfest-Mesa Community College

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



SEPTEMBER MEETING

Club meeting 09/21/00

President Lee Cunningham-KC7CBK called the meeting to order at 1904. Bob Rosevear-WB7RRQ introduced visitors, which included David (KA3SNY) and Georgeann Lynch from Maryland and Dick "Mac" McCahill-N7QQJ from Dewey.

Club secretary John Wilson-KM6BF read the minutes of the August meeting and they were approved as read. Club Treasurer Fred Shefflette-KC7TIN reported the club has \$855.19, which includes \$553.00 in the repeater fund and \$332.19 in the general fund. The refreshment fund has \$86.50.

OLD BUSINESS. None.

NEW BUSINESS. Lee Cunningham requested that any proposed changes in the club bylaws be submitted. An election committee will be needed for the October meeting to submit nominations for the upcoming election of officers at the November meeting. Lee also brought up the subject of Life Memberships for club members, which will be discussed at a later date.

Terry Pemberton-KB7TRE announced that he would be participating in the JOTA event on 10/21 at GMMS. He requested help from the club and members. It will operate on Saturday from 8A-5P. It is another good opportunity for the club.

Publicity Chairman Adam Godfrey-KD7IKR reported that he would be contacting local media about coverage of the Road Rally and club involvement.

Program Chairman Bob Kane-K7KOL had no report for this month. Daniel Love-KD7AHI reported that the eSpeed program would be next month and requested a change to the phone number that was listed in the newsletter.

Bob Rosevear-WB7RRQ updated the club on the Road Rally to be held next weekend. Assignments have been given and maps and information has been to those participating.

Miscellaneous items were announced by Lee Cunningham, which included; ARES Quarterly Meeting and Training on 10/21 at the Prescott EOC, RF Measurements are now in effect and all amateurs should be in compliance. No updated information on the club's vanity call application or the proposed website move and changes, and the ARRL-SW Div. Convention in Scottsdale on 10/6 through 10/8.

Brian Letendre-KE6IRJ reported that the ERAU-ARC had its 1st meeting. They will be involved in licensing classes and their tower will be put up over the weekend. Help is needed.

The meeting was adjourned at 1929. Following the refreshment break, the 50/50 raffle netted Fred Boughten-KB2CT \$17.50. A second raffle prize was a 1929 edition of RADIO THEORY AND OPERATING, which was won by John Wilson-KM6BF.

Fred Zimmermann-N7PJN gave the program for the evening. Fred talked about the trails in the Prescott area, maps, and snakes of the area. Fred covered several of the easily accessible trails in the area. Also covered were a few organizations and websites related to hiking trails in the Prescott area. We thank Fred for his interesting information, as always.

With no further business, the meeting was adjourned at 2108.

Respectfully Submitted,

John A. Wilson, KM6BF, Secretary



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.

THE NEWSLETTER!

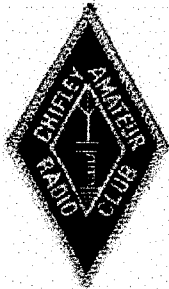
If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, comments, stories, personal experiences, or other items related to the hobby. Send e-mail to:

km6bf@primenet.com

Occasionally we will have articles from other clubs newsletters: →
This month we'll see what's going on "down-under"



HISTORY OF THE CLUB



Back in 1984, a small group of radio enthusiasts, many of whom were active on the Citizen Bands (CB), decided that they would like to meet personally on a regular basis and share ideas and knowledge on all aspects of Radio Communications.

The following people formed the Chifley Amateur Radio Club on 2 January 1985.

- Trevor Cook - VK2EC
- Ralph Simmons - VK2GRS
- Col Stevenson - VK2CS
- Vince Cottouli - VK2DVC
- Ray Sparks - VK2FKO
- John Robinson - VK2YC (Silent Key)

Ray Sparks was appointed as the first President of the club. Over the years, he was followed by Ray Wadey VK2ELO, Terry Noonan VK2KTN, Ralph Simmons VK2GRS, Harry Tyerman VK2BHT, and round again to Ray Sparks VK2FKO. To back up the president over the years, there has been a hard working committee, some members having sat on the committee continuously for several years.

Notable achievements of the club have been the establishment of the club station VK2CRZ, including a HF beam, 2m Voice Repeater, 70cm Voice Repeater, ATV System, and a Packet Network.

CLUB LOCATION



The Chifley Amateur Radio Club is located in the Sydney suburb of Mount Druitt, approximately 40km West of the city center.

The club has a well-equipped station (VK2CRZ), from which we operate on HF, VHF, UHF voice and occasionally CW, VHF Packet, SSTV and ATV.

The Chifley Amateur Radio Club 2m Voice repeater was first operational in 1990 at a location in Lalor Park. It was located at the home of Paul VK2YIL, in Sydney's Western Suburbs. The repeater consisted of two hand-held radios connected via line filters. Later, the hand-helds were replaced with Philips FM-814 Base station units, with cavity filters installed to allow a common antenna for both

transmit and receive. The antenna itself was a half wave co-linear. The repeater controller was home made, and controlled the repeater identification, time-out and transmitter PTT.

In 1995, the repeater was relocated from Lalor Park to its present location in Mount Druitt. This move was undertaken to make the repeater central to the majority of club members.

The job of relocating the repeater was not as easy as first thought (That's always the case, Murphy strikes again!). Firstly, the cavity filters had to be re-engineered. This involved machining the six 4 inch diameter copper tubing all to the same length, making new pick-up loops (a total of 12 were required), manufacturing the tops and bottoms of the six cavities and drilling the diecast aluminium boxes that were to be installed on top of each of the six cavities.

After the cavities were completed, they required cleaning, which required the use of steel wool and phosphoric acid to remove tarnish and dirt from all parts of the filters. The coupling loops were then installed, and the cavities were aligned. A wooden base plate for the cavities to rest on was also manufactured. This allowed for ease of installation and removal from the repeater cabinet.

MEETINGS

The Chifley Amateur Radio Club's rooms are open every Saturday from about 1.30pm, until whenever the members decide to go home. Meetings are informal, usually just for a chat and a cup of coffee. Softdrinks are available, and hotdogs are usually cooked up as well for the hungry hordes. These informal get-togethers allow members to discuss problems and achievements with others.

Formal meetings are held Bi-Monthly, on the second Saturday of February, April, June, August and October. The Club Annual General Meeting is usually held on the second Saturday in December.

Committee meets once a month, on the second Wednesday at 8pm.

Usually, the last Saturday in each month is a lecture or talk on a topic of some relevance or interest to amateurs. These talks are well worth the effort to attend, anyone is welcome to attend, member or not. Keep an eye on the coming event page for details of these talks. Chifley Amateur Radio Club inc. PO Box 280 Mt Druitt NSW, 2770



FROM THE PAST-PRESIDENT

**HANGING A LEFT
at
ENGLAND
(part two)**

We want to go to Ireland, should we accept the offer of a flight to Manchester or Milan instead?

I took a 4th grade honors class in world geography, and I knew that Manchester (that is England, isn't it?) was closer to Shannon than Atlanta. I ruled out Milan as being a little too off the wall. Besides, it was hotter than Hades in Italy at that time! My wife and I made a →

snap decision—England, here we come. I told the agent to transfer us to the Manchester flight, which he did. I noticed that this agent did not have a halo! He looked kind'a ordinary, and like he just wanted to go home. Besides, HIS ring was a class ring from Georgia Tech! Why, he was just groveling his way up the corporate ladder. Has he no self-respect?

His send off remark to me was, "Just go to England on that flight, and HANG A LEFT for Ireland. British Airways and Aer Lingus fly from Manchester to Shannon all day long!" "Their flights are always wide open for non-revs!" That ominous statement would resound in my ears for an entire trans-Atlantic flight!

We hustled over to the Manchester gate and got on just as they were closing the cabin door. I looked at our boarding passes—seats 41 E and F. Oh well, at least it's not in the john! We turned right this time, and marched down that awfully long aisle, looking for row 41. What I didn't know was that we were on a Boeing 777, holding 275 people, and I do believe the last row is numbered 397! What a cavernous airplane. We found our seats; in the middle group of five seats. We were in seats 3 and 4 of the five, destined to stay scrunched up for 10 hours because Manchester is farther from Atlanta than Shannon. I remember that from my honors class!

Off we go again, for England, not Ireland. I'm wondering just how big is this Manchester Airport and where are the ticket counters. Oh well, I crossed my Rubicon when I agreed to fill the empty seats on the Manchester flight, and I'll work out the grimy details when we get there. And what did he mean, "go to England and hang a left?" All I can think of is that he was being flip with me, and letting me know that he too has an honors geography class in his background!

My watch says 2AM, and the sky is beginning to light up outside; it's already 7 AM in Manchester. We're due in at 9, so we still have a few more hours shoe-horned into our seats. I've spent most of the night watching our progress on a small TV screen mounted in the back of the seat ahead of me. It shows our thumb line course from Atlanta to Manchester. Familiar landmasses fade away as the miniature airplane progresses across the screen. First to go is Maine, then Nova Scotia (are our bags going there?), then Newfoundland and the southern tip of Greenland. We're crossing the North Atlantic at about latitude 55 degrees. It's cold out there; the outside air temperature is reported at -45 degrees, F.

Finally, the emerald isle shows up as a little mass on the screen, and we sail across Ireland, heading for the Irish Sea and England. "This would be a good time for a flight diversion", I think to myself. "We could land at Dublin instead of Manchester and save me a lot of hassles!" But, this is a professional airline, and they go where they say they're going, 99.99999999% of the time. I didn't take honors math back in 4th grade, but I knew that chances of us landing at Shannon instead of Manchester were ZIP!

We land at Manchester, and the size and ease of movement within the airport impress me. London Heathrow is a huge, complicated and confusing airport. Manchester appeared to be quite "user friendly". We found the appropriate airline ticket counter and purchase those heavily discounted tickets we're entitled to. Checking flight

schedules, we find that British Airways only has one flight a day between Manchester and Shannon. It leaves Manchester at 6 PM, a long, long wait after having been awake since 4 AM the previous day.

We opt for Aer Lingus, the Irish National Airline, which has numerous flights to Shannon, all stopping in Dublin first. I purchased two, one-way, standby tickets from Manchester to Shannon and we schlepped our way to Aer Lingus, two terminals away. Not too bad a trek, as the terminals are connected by moving stairways and are well signed. Besides, our baggage was waiting for us in Shannon. Our tired bods didn't have to haul it around too!

Staking our claim on a couple of seats at the departure lounge, we just about collapse from lack of sleep. My wife nods off and I'm afraid I'll have to strap her into the seat, otherwise she'll make a spectacle of herself, falling on to the floor! "Chin up, ole girl. Fifteen hours ago you were first class carriage, and now you're looking kinda steerage!"

By 3 PM, we finally get on our flight for Shannon, with a stop in Dublin. The Aer Lingus agent said, "the Dublin to Shannon portion of the flight is wide open. Plenty of seats for non-revs!" Oh yeah, we've heard that before! Going through passport control at Manchester, the officer asks my wife, "And where are you going, Mam?" My wife looks at him with a blank stare! By this time, she has no idea where she's going or where she's been! I tell the officer, "We've hung a left in Manchester, and we're on our way to Shannon!" I don't think he really understood, but he just waved us on by. Off we go, across the Irish Sea in a westerly direction to Dublin, 35 minutes away. We know that our bags are in Shannon, so it's only a hop skip and a jump before we're re-united with them. Oh yeah???

Off the airplane in Dublin to transfer to the Shannon flight, which for some reason is full! Can you imagine that! We're about out of steam, so I go to the Tourist Information kiosk in the Dublin terminal, and ask the lady to find a B&B for the night, we'll continue to Shannon in the morning. She does, and after a 10 Irish Pounds (\$12.22), thirty minutes cab ride later, we're in our B&B.

We order food from a near by restaurant that delivers, and after chow and a shower, crawl into bed, dead. We didn't wake until 7 AM the next day, and decided that we'd had enough flying, so we taxi downtown to the Dublin bus station.

We board the Irish National Bus system, "Bus-Eireann" (like our Greyhound) bound for Shannon. The journey took 5-hours, but it was so neat to relax and watch the beautiful scenery go by. I highly recommend the Irish bus service. At the time, the train locomotive engineers were on strike, so we couldn't use that system, but I hear it's great.

The bus took us right to the Shannon Airport, and in we went to collect our baggage. Hah!!! No baggage, and the bag collecting people had no idea where they might be. They suggested Phoenix, Atlanta, Manchester or Dublin. "How about Nova Scotia," I volunteered. "No", the lady said, "Your airline doesn't go to Nova Scotia!" I just smiled and dutifully filled out the "lost bags" form to start the search procedure. One day later, our bags were found – in Manchester! How our bags ever figured out that we'd go there and→

hang a left is a mystery, but there they were. On the second day, my bag arrived at our Shannon B&B, and on the third, my wife's bag. She was a little bummed because I had promised her a shopping trip for clothes if her luggage didn't show on the third day of living out of her carry on bag. Oh well, she always shops for clothes anyway, and I know she'll do it big time in Ireland.

Well, that's my story of how free loading hitchhikers that have retired from airline employment get around the world. It's interesting and challenging, and one has to be able to cope with sudden changes in itinerary.

One great convenience of European travel is the Tourist Information Agencies, whose kiosks and clerks are found in the airports, rail and bus stations, and city centers. A tourist can go to these lifesavers and have them find a convenient, economic place to stay for a night or a week. Hard and fast reservations aren't a requirement for enjoyable travel on the continent. Traveling stand-by for more than thirty-five years, my wife and I rarely make reservations anywhere, and we have yet to spend a night in the airport or train station! What good are reservations if we have to HANG A LEFT or BACK UP to get where we're going?

A fourth grade "honors" geography class sure helps decision making though!

We're going back next year, and we'll stop in Manchester for a few days to visit that part of England. From there, we'll return to Ireland. We're hooked on the beauty of the country and the hospitality of the people. I hope the bags can cope!

73's Bob Kane-K7KOL

FROM THE MAILBOX

I am a volunteer at the Prescott VA and we have a patient who has asked for a little help in locating some older, tube type equipment. He is looking for a transmitter, receiver or transceiver that he can use to set up a novice station in Belize. The equipment can be working or non-working - he is looking for inexpensive stuff.

His Name is Ron Harry and his call is V31REH. His local phone is 520-776-8111 Ext. 5139. He will be here until December or January.

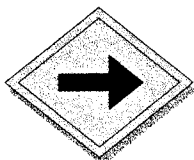
I discussed this with Lloyd, WA6ZZJ and he suggested I Email you requesting a blurb in the Club Newsletter. I will appreciate any help you can give.

Bill Smith 771-1373

FROM THE "I can't believe I heard it on a amateur radio" files:

"You can tell it's fall now, there's a definite 'whang' in the air!

"I should record what goes on the repeater



SAY WHAT?
while I'm gone!"

"Well, it's a matter of what you want to do with your license!"

"We need a second channel on the repeater because it gets too busy most of the time."

"We should aim the repeater down to Phoenix to attract more users."

FROM CHINO BOB:

To admit you have been wrong is but saying that you are wiser today than you were yesterday.

Success is relative -- The more success the more relatives.

Happiness can't be measured by one's wealth. For instance, a person with \$8,000,000 may not be one bit happier than one with \$7,000,000.

Speak well of your enemies -- you made them.



OTHER NEWS OF INTEREST

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

FCC Denies Amateur Petitions

NEWINGTON, CT, Sep 12, 2000--The FCC this week denied three petitions for reconsideration filed by Amateur Radio operators. All of the petitions were turned down because the FCC said they had not been filed properly.

In separate orders released September 11, D'wana R. Terry, Chief of the Public Safety and Private Wireless Division of the Wireless Telecommunications Bureau, dismissed the petitions of Lawrence Gutter, ex-WA2YTO, of Westborough, Massachusetts, and Richard E. Jamison, KG6ARN and ex-K1OTO, of Redwood City, California. Both had sought reconsideration of the FCC's denial of their license renewal applications.

Gutter's and Jamison's licenses both expired in late 1997, and the two filed for renewal in late 1999. Gutter filed on the last day of his two-year grace period while Jamison filed with just over two weeks left in his. Neither amateur included a Taxpayer Identification Number--typically a Social Security Number for an individual--on his renewal application, and the FCC promptly dismissed both applications. The Wireless Telecommunications Bureau deployed the Universal Licensing System for the Amateur Service on August 16, 1999, and required all amateurs filing applications on or after that date to provide a TIN/SSN.

Citing their earlier ignorance of the FCC's TIN requirement, Gutter and Jamison sent second applications that included their TINs to Gettysburg after their grace periods had expired.

In an Order released today by Zenji Nakazawa, Acting Chief of the Policy and Rules Branch, the FCC also turned down the Petition for Reconsideration filed by Charles W. Heard, W4CO and formerly W2FLA, of Orlando, Florida. Heard had sought reconsideration of the October 1999 denial of his application for the vanity call sign W4FX. The call sign went instead to another applicant, Robert C. Williams, formerly KA4H, of Jasper, Alabama. Both had filed electronic applications for W4FX on August 16. Heard contended that the FCC erred in assigning W4FX due to a handling error and because of misuse of the system. The FCC Order said Heard's allegations "lack merit" and that the ULS "processes mutually exclusive vanity call sign applications received on the same day in random order." The system selected Williams as the recipient on October 28, 1999.



The FCC dismissed all three petitions as "improperly filed," however, because they were sent to the FCC's office in Gettysburg, Pennsylvania, rather than to Washington, DC, and were not received by the FCC Secretary's office within 30 days, as FCC rules require.

In a footnote to the Gutter and Jamison rulings, however, Terry strongly suggested that their petitions would have been denied even if they had been properly filed.

"We note that the [Licensing and Technical Analysis] Branch correctly dismissed [each] renewal application," Terry said in both orders. The fact that Gutter and Jamison were unaware of the TIN requirement "is not sufficient justification for the reinstatement of [the licenses]," she stated. "Section 0.406 of the Commission's Rules advises persons having business with the Commission to familiarize themselves with those portions of the rules pertinent to their business, including what information the Commission requires to process applications."

Terry also noted that both situations could have been eliminated had Gutter and Jamison not waited until the end of their grace periods to file for license renewal. Amateurs may file for renewal within 90 days of license expiration. Applicants filing after expiration but within the two-year grace period may not operate while their applications are pending.

Jamison got licensed again in March after taking the Amateur Extra-class exam battery over from scratch. Gutter, who had held a General ticket, remains unlicensed.

UK-Canada Crossband LF QSO Completed

NEWINGTON, CT, Sep 13, 2000—In the spirit of the early transatlantic tests, a crossband contact between the United Kingdom and Canada was completed September 10. The contact involved well-known LFER Dave Bowman, G0MRF, in Middlesex, England, operating on 135.711 kHz and John Currie, VE1ZJ, on Cape Breton Island, Nova Scotia, Canada, operating on 20 meters.

"Dave had a surprisingly strong signal into FN95, Cape Breton Island," Currie said in an e-mail message to André Kesteloot, N4ICK, who's involved with the AMRAD LF experiment in the US.

Using spectral software, Currie reports that he observed "weak caches" from G0MRF just after 2205 UTC on September 9. He says noise was extremely low. Shortly after sunset on Cape Breton Island he observed a lot of dashes. "It looked like G0MRF was coming across the pond," he said.

Currie said he had "solid copy on G0MRF" by 2245 UTC, and the crossband QSO was completed on September 10 at 0008 UTC. "I could see every dot and dash," he reported. He estimated that G0MRF's signal was "a little less than S0."

By 0100 he could no longer copy the signal, and by 0250 UTC they were fading. "I did not see them on the spectrogram again," he reported. Details on equipment used at G0MRF were not available for this report.

Canada has not yet authorized Amateur Radio operation at 136 kHz, but some stations have been given permission to experiment there. Larry Kayser, VA3LK, and Mitch Powell, VE3OT, completed the first two-way LF contact in Canada on July 22 on 136 kHz, using very slow-speed CW (dubbed "QRSS"). Kayser is testing equipment and processes in preparation for the TransAtlantic II attempt on LF set to occur November 10-27 from Newfoundland. TransAtlantic II will attempt to span the Atlantic in both directions on LF. It will use QRSS CW at 0.4 WPM. Details on the project are available on the Web.

Visit Dave Bowman's "G0MRF Projects Web-Site".

The Amateur Radio Research and Development Corporation—AMRAD—has been involved in a low-frequency experimental beacon project in the Northern Virginia-Washington, DC vicinity. AMRAD has been conducting tests on 136.75 kHz from 12 Northern Virginia sites using the experimental call sign WA2XTF. Visit the AMRAD Web page for more information.—thanks to Paul Rinaldo, W4RI; RAC

UK: Age limit restriction lifted

Youngsters under the age of 14 can now obtain unrestricted operating privileges in the United Kingdom. This as the nations Radiocommunications Agency says yes to

abandoning age restrictions that have kept some young people off the air. Jeremy Boot, G4NJH, has more: After recent discussions with the RSGB, it was agreed that the 14 year age restriction to obtain a Full Amateur Radio License, should be completely removed. To be eligible previously you had to be 14 years of age or over, or to have held a Novice license for a least a year. This initiative is part of the ongoing process to refine and improve access and facilities for amateurs. Both parties felt that, in view of the increasing technical and operational ability of youngsters today, this restriction was a particular anomaly which ought to be discarded, recognizing that those talented youngsters should be actively encouraged and nurtured. Jeremy Boot, G4NJH. The thinking among radio regulators in the UK appears to be that if you are good and keen enough, you are old enough to be on the air. (G4NJH, RSGB) From NEWSLINE #1206 9/22/00

ARES/RACES NEWS

The Yavapai County ARES/RACES net is held every Monday night at 6:45PM on the Mingus Mtn. 147.220+ repeater.

A reminder of the ARES/RACES training meeting to be held on Saturday, October 21st in the basement conference room of Prescott City Hall. It will be from 10:00 a.m. until noon. Topics to be discussed will be in preparation for the Statewide Flood Exercise in November. Please plan to attend and bring a friend..

On Wednesday November 15th there will be a Statewide Flood Exercise beginning in the morning and running until approximately noon. The Yavapai County Office of Emergency Management is planning a Countywide Exercise in conjunction with it. Amateur Radio is going to be utilized extensively in the county exercise. Please circle the day on your calendar and plan to participate. This drill will be used for our Simulated Emergency Test (SET) for this year.

OPERATORS RESPONSIBILITIES

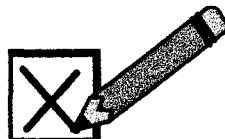
All operators need to know what to do and how to do it when it comes to operating on a ARES/RACES net. Each operator has a duty to be self-disciplined. One operator who does not make an effort to be the best they can be could cause the net to be less than it should be. Here are some tips that all operators should heed.

1. Make sure you go to the correct frequency. Delays caused in getting all operators on frequency effect the whole net.
2. Be on time and handle traffic on the net in a timely manner. Don't let yourself get too informal and waste time.
3. Respond only to the instructions of the NCS. Always go through the NCS for any of your requests. Let the NCS run the net, resist the temptation to help.
4. Insure that your equipment and antennas are in good working condition. You always need to be heard by every station possible. Do your best to have whatever type of equipment that may be needed in any type of situation. Use the minimum transmitter output power required to maintain a solid contact. Keep batteries charged.
5. Know your equipment. Understand its operation. You may have to adapt to an unusual situation. Have a mini check list for every piece of equipment you may use in the field. Another operator may have to use your equipment while you are not present. Be prepared.
6. Know your area of responsibility. (city, county etc...) Keep current maps for an area at least a 250 mile radius. You may assist neighboring ACS/RACES organizations inside their areas via mutual aid.

THE YAVAPAI SIGNAL - OCTOBER, 2000

7. Get all information you can (situation, location, frequencies, shift length, agency of primary responsibility, reporting time, etc...) before going into action.
8. Do not leave the net without permission of the NCS. When temporary time off is needed or you wish to close your station check out with the NCS first.
9. Be brief when transmitting to the NCS. Keep everything short and simple.
10. Know how the net runs. Learn the recommended net and traffic handling procedures. Participate in training sessions and exercises. Practice will pull everything together.
11. REMEMBER, AS OPERATORS, WE PASS ON TRAFFIC EXACTLY THE WAY WE RECEIVE IT. If you have a question, ask it. Do not assume anything where a piece of traffic is concerned.
12. KNOW THE PRIORITY FOR EACH PIECE OF TRAFFIC. If it's too high, a more important message may get delayed. If too low, your message may get delayed. Timely delivery is just as important as the content of a piece of traffic.
13. Insure, where possible, that you have each piece of traffic in writing. A later reference or correction may be required. We can't remember, exactly, the content of each piece of traffic.

Lloyd Halgunseth WA6ZZJ
 Yavapai County ARES/RACES DEC/Radio Officer
 (520) 717-2706 wa6zzj@cableone.net



Volunteer Examiner Testing

The final testing for 2000 will be on Saturday, November 11 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 2000 will be \$ 6.65. 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
AB7VH	Ruth Enabnit	K7KOL	Bob Kane
K7NGK	Don Broadston	KB7FRV	Leonard Beers
KC7AGL	Don Muller	AB7SK	Ginger LeGendre
KK7JH	Billy Peters	KG7OL	David Miller
K17EB	Bill Thrift	KJ7DX	Matt Strandberg
KJ7KL	Pen Brown	KM6BF	John Wilson
W2YAV	Bill Kafka	W7DC	Bob Harkey
W6HDP	Bill Jackson	W9KRQ	Dave Rutledge
WB6ODR Bob Smith			

AREA REPEATERS

FREQ	PL	Location	Notes
52.560-	100.0	Mt. Union	CARS (-500Khz)
53.040-	C/S	Prescott Airport	-1 Mhz
145.350-	C/S	Wildflower Mtn.	DAWN
145.370	C/S	Towers Mtn.	MMRG
146.780-	91.5	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	100.0	Flagstaff-Elden	CARC
147.000+	100.0/162.2	Mingus Mtn.	MMRG
147.040+	100.0	Prescott Heights	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	C/S	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvcs
223.960-	127.3	Chino Valley	NOWARE
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	
448.400-	123.0	Mingus Mtn.	NOWARE
448.475-	100.0	Flagstaff-Elden	ARA
448.500-	100.0	Prescott	KB6TWC
448.875-	100.0	Flagstaff-Elden	Northlink
449.175-	100.0	Towers Mtn	Northlink
OTHER REPEATERS			
53.410-	114.8	Greens Pk	Show Low
146.760-	131.8	Hayden Pk	Kingman
146.920-	162.2	Mt. Ord	ARA
147.360+	162.2	Mt. Ord	ARA Link to Elden
PACKET			
145.690		Davis-K7HS-7	DX Packet Node
145.010		Elden-W7MOT-8	Packet Node
145.010		Union-KB7FRV-1	Packet Node
145.710		Union-KB7FRV-2	Packet Node
145.010		PRCBBS-	Packet BBS
145.710		KB7FRV	

ADDITIONS, DELETIONS AND CORRECTIONS APPRECIATED



WE WANT YOU! Membership in the Yavapai Amateur Radio Club is \$20.00 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 club treasurer at any meeting.

ARRL RENEWALS. If you join or renew your ARRL membership, the club gets to keep a small portion of the fee. Remember to include both the application and envelope when you submit it through the club. Thanks. Fred-KC7TIN, Treasurer.





WEEKLY INFORMATION 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. ALL AMATEURS WELCOME.

MONTHLY MEETING - 3rd THURSDAY @ GRANITE MTN MIDDLE SCHOOL 7:00PM (N 34° 34' 22.6" W 112° 29' 45.1")

NEXT MEETING THURS, NOVEMBER 16 @ 7:00pm



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy 89 in Chino Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:30AM. Informal-All are invited.

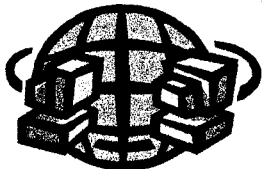
Thursday Morning Breakfast-Michael's Restaurant in the Safeway Shopping Center, Hwy 69 Prescott Valley. 8:00am. (N 34° 35' 13.3" W 112° 19' 44.6")All are invited.

Location data provided by Fred Zimmermann-N7PJN, per WSG84 Datum

**YAVAPAI AMATEUR RADIO CLUB
PO BOX 11994
PRESCOTT, AZ 86304**

**Visit us on the web at:
<http://www.w7yrc.org>**

Many thanks to Bob Smith-WB6ODR, our Webmaster!



- W7YRC -