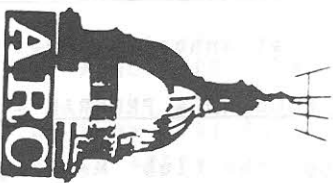


Austin Amateur Radio Club
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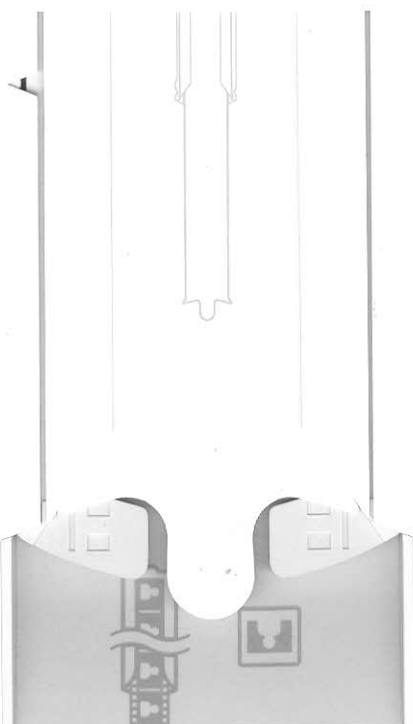
AARC OVER



THE AUSTIN AMATEUR RADIO CLUB, INC.

NS0UJ (TM9M0-A9) 89 Member
James W Robbins
4805 Benson Way RR 2
Del Valle, TX 78617

Banquet 1/20/90
Zilker Club House



***** MEETING *****

January 20, 1989

6:00 P.M.

Zilker Clubhouse

Received
1-25-89

PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM

Installation of officers at annual banquet.

PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM - PROGRAM

NO SMOKING PLEASE during the Club Meeting/Program. The Austin Amateur Radio Club has a no smoking policy during meetings and programs.

***** 1990 AARC OFFICERS *****

PRES MIKE KELLAM AASJP 836-8223 919
V PRES STUART ROHRE KSKVH 255-3932 918 TREASURER AMADO RAMIREZ NSPCP 280-1879 916
SECRETARY JOE CANFIELD NSHPC 258-4761 917 ACTIVITY MGR DARRELL DAWSON WDSCBY 258-1433 915

***** COMMITTEES *****

TECHNICAL ED COLLA KJANS 255-4818 111 EMERGENCY COORD [position vacant]
WSKA TRUSTEE JOE FISHER KSEJL 926-4689
EDITOR RICK HERNDON KSFMI 454-1670 914 LABELS & ROSTER PETE JORDAHL K5GM 454-7889 913
(Numbers after the call signs are: phone # and autodial #.)

Contributions of articles, cartoons, etc. for printing may be mailed to 1809 W St. Johns Ave., Austin, Texas 78757-2238. The editor may be contacted evenings and weekends at 454-1670, or during the day at 465-6338. The deadline for articles is the next-to-last Monday of each month. Permission is hereby granted to reprint articles appearing in the AARCOVER, provided credit is given to AARCOVER and author. Commercial ads are accepted \$15 for full page, 1/2 page \$10. Members may advertise ham-related For Sale or Wanted ads free if space is available.

***** HAM AD *****

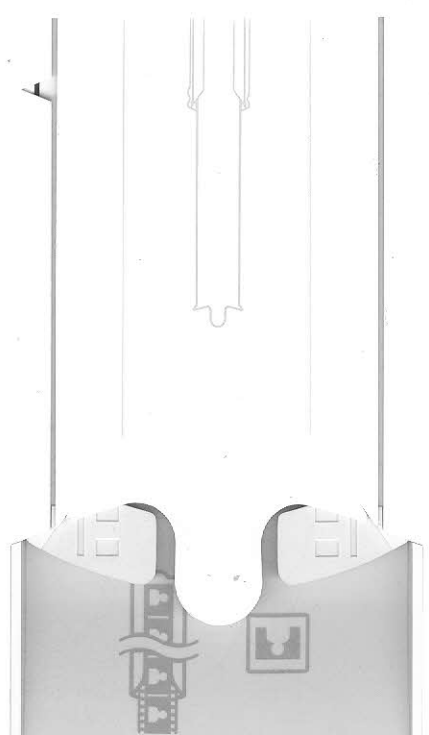
WANTED: Any old Hallicrafter or Echophone gear, parts, manuals, etc. DEAD OR ALIVE
Chuck Dachis - WD5EOG - The Hallicrafter Collector - 512-443-5027

INFO WANTED would like to borrow (1 week) someone's copy of National Semiconductor's "Special Purpose Linear Devices Databook 1989".

BOOKS WANTED would like your extra current or recently outdated copies of National Semiconductor databooks. [Editor] Rick Herndon KSFMI - 454-1670h/465-6338w.

FOR SALE Larson dual-band 2/70 whip and black PG coil. Will attach to chassis or bulkhead mount UHF connector, like SO-239. Larson makes lots of mounting hardware for this antenna that will allow you to mount it anywhere except on a SAAB. Paid just under \$50 (have invoice), never used. \$45 takes. Call Alex, K19I, 471-1616 (days) or 338-1621) 6pm.

FOR SALE Drake TR4C transceiver and MS4 power supply. Have owner's manual. Also Electro-Voice 423A mike. Call Grif, N5MMY, after Jan. 5 at 836-3700.



for December 12, 1989. In his last fruitless attempt to control club members, Dave, WD5N and now former President, arrived late, forgot the P.A. system, and started the meeting several minutes late. Good job Dave!

VISITORS: Two visitors introduced themselves: Joe, WBSFMR and J. R., with no call at this time.

OFFICER'S REPORTS: The minutes of the November 14th meeting were approved as printed in the AARC/OVER. We lucked out again with most of them delivered within 2-4 days after they were mailed. Bob, WA5MUM, Treasurer, reported that we have \$701.88 in the postal mailing accounts and \$1527.14 in the checking account. Rick, K5FNI, AARC/OVER Editor, wants your articles, etc for the newsletter. He doesn't want to work on Christmas Day so please get your submissions in by the 20th. Ed, K3AHS, Technical Committee Chairman, reports the 146.78 repeater interference has been too intermittent to locate. Darrell, WD5CDY, the Club's Activities Manager, summarized the Field Day score results - W5KA was 40th out of about 525 stations in Class 2A. Thanks to all who participated. Darrell reminded us of the coming January 20th Bar-B-Que banquet and new officer's installation at the Zilker Park Clubhouse. Tickets will be \$5.85 per person. There will be the usual door prizes plus - the first annual WHITE ELEPHANT HAM GEAR DRAWING! See details elsewhere.

ANNOUNCEMENTS: A number of amateurs had equipment left either for repair or consignment sale at the business of silent key Bob, WA5EOL. If you are one of these, please contact his wife to obtain your gear. The estate of Bill, W5UJ has several items for sale. For a list, contact Curt, W4QBU. Hal, W5MDL, read an entertaining poem about a ham's Christmas dream. Thanks for sharing it with us. Dave, KGSND, reported that a new version of the FCC call list is now available on the packet cluster. This list also has previous calls so you can trace those older entries on your log sheets.

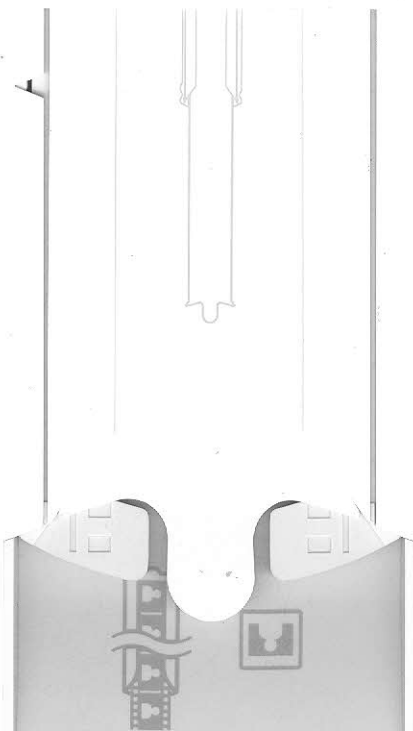
OLD BUSINESS - Election of New Officers: Jim Bennett, WB5IMB, representing the nominating committee, presented a list of proposed candidates for officers for the coming year. These were: President - Mike Kellam, AA5JF; Vice-President - Stuart Rohre, K5KVH; Treasurer - Amado Ramirez, Jr., N5PCP; Secretary - Joe Canfield, N5HPC; and Activities Manager - Darrell Dawson, WD5CDY. Dave, WD5N, called for nominations from the floor, there were none. Bob Inks, WA5MUM, made a motion that these nominees be elected by acclamation. This motion was seconded and carried. PROGRAM: There was no formal program. Those that stayed enjoyed eyeball QSOs with the other club members.

Respectfully Submitted: Joe Canfield, N5HPC AARC Secretary

***** FIRST ANNUAL AARC WHITE ELEPHANT GIVEAWAY *****

The first annual AARC White Elephant Giveaway will be held on January 20, 1990, during the barbecue banquet. We are currently looking for a few of those "they don't make 'em like this anymore (and for darn good reason!)" items to be donated for the giveaway.

So anyone with left with one these gems that they couldn't pay someone enough to take away at Manchaca last fall, this could be your big chance ²



to free up some space in the junk box and give some lucky ticket holder a "thrill" you'll never hear the end of. To maintain reasonable control over the giveaway, a few gentle guidelines were developed that should be interpreted as HARD AND FAST RULES. They are the following:

* The weight of the donated item may not exceed 30 pounds unless it would bring over 300 bucks at Manchaca or deliver over 2000 watts of output power.

* The item must be labeled with the donors name and call on a piece of tape stuck to the item. This is so the lucky recipient will know "who to give his thanks to" and to take some of the heat off of the activities manager.

* In the event that no one will admit to having the winning ticket, the donor must transport the item away from the Zilker Clubhouse and hang onto it until his next opportunity to unload it; probably the Spring '90 edition of the AARC/Manchaca swapfest.

Well, there you have it- The First Annual AARC White Elephant Giveaway. This should provide a lot of fun for all at the banquet. Don't worry, we will still have some of the traditional (and newer) door prizes to give away too. . . . WDSCDY, Darrell

***** AARC ANNUAL BANQUET *****

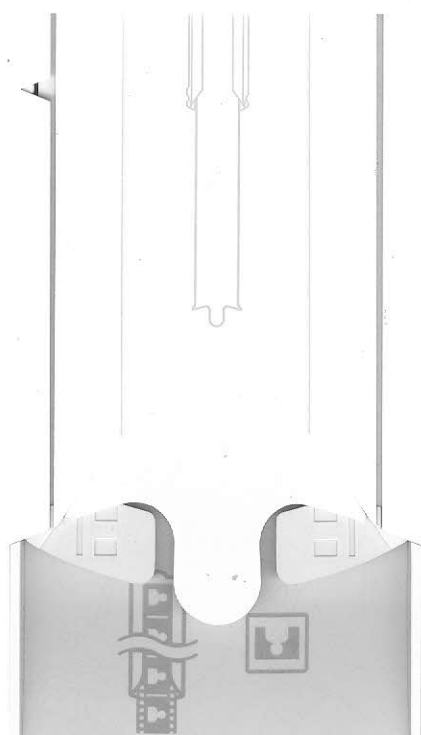
The 1990 AARC Annual Barbecue Banquet will be held this year on January 20, 1990, at the Zilker Clubhouse starting at 7:00 PM. The price for this year's barbecue is \$5.85 per plate. The treasurer asks that you write separate checks to the club for the barbecue dinner and club dues to help ease the bookkeeping chore he has to perform. In addition to the meal, we will be installing the newly elected officers, holding a giant ragchew, giving away door prizes and have our first annual white elephant giveaway. And of course, we'll have plenty of coffee, sodas and beer for everyone.

To get to the Zilker Clubhouse, take the Rollingwood exit off of MoPac and get on the northbound feeder road (if southbound on MoPac, take the loop around at the first overpass after the exit). Go across the Bee Caves Road intersection and turn left at the next underpass onto Rollingwood Dr. Go under MoPac on Rollingwood Dr. and turn right onto the Zilker Clubhouse Road about a block or so west of MoPac. "talk-in" help will be available on the 146.78 repeater. Please get your reservation for the barbecue dinner in as soon as you can to give us an accurate count for the caterer. Hope to see you there. . . . WDSCDY, Darrell

***** NOVICE CLASS BEGINS *****

A Novice class will begin on Monday, January 15, at Cook Community School, 1511 Cripple Creek Drive. Registration at Cook begins Jan. 4. Tuition to Cook Community School is \$10. Supplies required are the ARRL publication "Tune In the World With Ham Radio" and its accompanying tapes. These are available at Austin Amateur Radio Supply. Call Cook Community School at 837-3415 or Mike, AA5JP, at 836-8223 after Jan. 2. Please spread the word to anyone you know who may be interested in becoming a ham.

3



***** EMERGENCY COORDINATOR *****

The club post of Emergency Coordinator is presently vacant. We hope to staff this committee post early in 1990. Those interested and willing to serve should contact any of the officers and indicate your interest and willingness as soon as possible.

***** QST *****

ZCZC NR 1320 BULLETIN WB7QWG 1105/2156Z

THIRD PARTY HAM TO HAM MESSAGES

QUESTIONS ARE STILL BEING ASKED REGARDING HAM TO HAM THIRD PARTY TRAFFIC, AND WHAT THE NEW PART 97 INTERPRETATION OF THE RULINGS ARE. THE FOLLOWING IS FROM THE NEWLY PUBLISHED =FCC RULE BOOK= FROM THE ARRL:

PAGE: 13-12

=THE THIRD-PARTY TRAFFIC RULES ARE QUITE CLEAR: INTERNATIONAL THIRD-PARTY TRAFFIC IS PROHIBITED. THE ONLY EXCEPTIONS ARE (1) IN CASES WHERE THE U.S. HAS A SPECIAL THIRD-PARTY AGREEMENT WITH ANOTHER COUNTRY: (2) THE THIRD PARTY IS A LICENSED AMATEUR ELIGIBLE TO BE THE CONTROL OPERATOR OF A STATION: AND (3) IN CASES OF EMERGENCY WHERE THERE IS AN IMMEDIATE THREAT TO LIVES AND PROPERTY.=

PAGE. 13-15

Q. IS IT OKAY TO SEND THIRD-PARTY TRAFFIC TO A HAM IN FRANCE FOR ANOTHER HAM THERE?

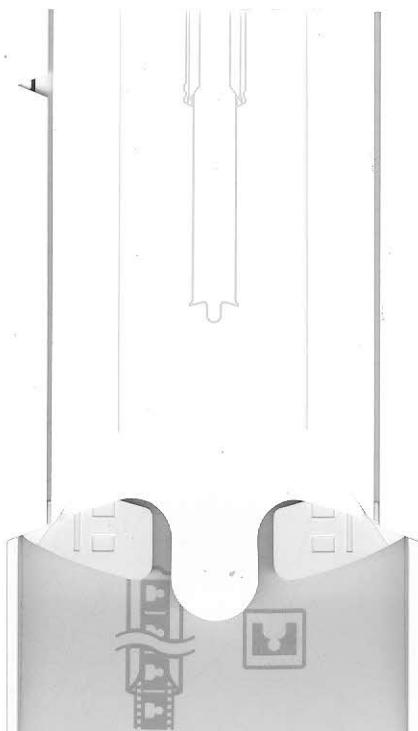
A: YES. RECENTLY, THE FCC ADOPTED THE POLICY OF MANY OTHER COUNTRIES, INCLUDING THAT OF THE UNITED KINGDOM'S DEPARTMENT OF TRADE AND INDUSTRY: =THIRD PARTY TRAFFIC SHOULD BE REGARDED UNDER TWO SEPARATE HEADINGS: -THE PASSING OF MESSAGES ON BEHALF OF OTHER LICENSED RADIO AMATEURS: AND -THE PASSING OF MESSAGES ON BEHALF OF NON-LICENSED PEOPLE OR ORGANIZATIONS.=

THUS, WHERE THIRD-PARTY TRAFFIC IS NORMALLY PROHIBITED BETWEEN THE U.S. AND OTHER COUNTRIES, WHERE THE THIRD PARTY IS AN AMATEUR, THE THIRD PARTY TRAFFIC IS PERMITTED. . . . BOB WB7QWG VIA K5GM

***** EARTHQUAKE PREDICTION VIA ULF DETECTION *****

Stanford scientists have accidentally discovered a phenomenon that may provide an "early warning" system for major earthquakes. While performing experiments in the ULF (Ultra Low Frequency) band which was described as "electromagnetic emissions lower in frequency than the lowest note the human ear can hear", the scientists captured data several months previous to, and during the recent San Francisco earthquake which has led to the "early warning" theory. The experiments were designed to work with communications systems supporting secret communications with submarines. ULF receivers had been moved to the isolated Santa Cruz Mountains near the epicenter of the earthquake in an attempt to avoid electromagnetic noise at that frequency band.

The ULF band is used for submarine communications because it has the ability to radiate directly through the ocean and the Earth



itself. The emissions offer a window in which to view the interior of the Earth. Several months previous to the earthquake, the he time. Three hours prior to the earthquake the noise floor increased dramatically again and remained high through the event itself.

The data had not been analyzed until recently. One theory expressed is that the "pre-quake" emissions are the source of agitation in animals who seem to "sense" oncoming earthquakes. Animals are known detectors of electromagnetic radiation. The Stanford scientist interviewed was quite excited about the findings and indicated that more studies during earth movements of 7 (Richter) or greater would be needed to verify the data.

Source: KTVU 10PM News (Channel 2-Oakland/San Francisco) 12/7/89
DRN : Ed/KB6DRN @ K6RAU.#NOCAL.CA.USA.NA VIA K5GM

The Story of Digipeter Rabbit -- a No Code Fable
By Frank Terranella, N2IGO

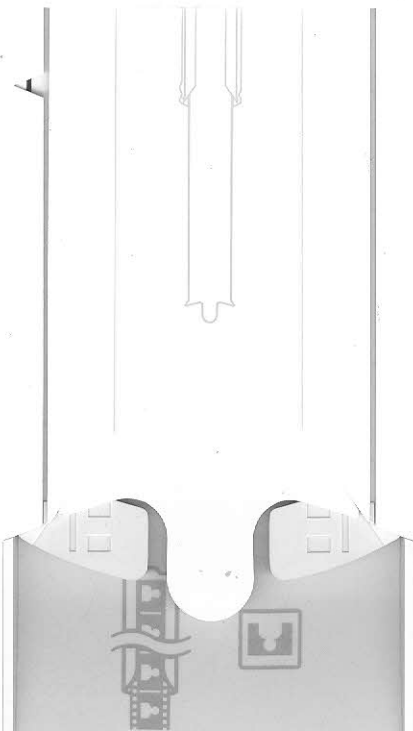
Once upon a time, in the far-away kingdom of Radio, there was a peaceful valley called Hamville, inhabited by a group of rabbits. Hamville was originally settled by the Whiskey family, and the patriarch of that family was an old hare called Charlie Whiskey.

Charlie Whiskey was a farmer by trade. He came to the beautiful valley of Hamville when it was all open meadows. He saw the potential for farming the vacant land and over time he developed a thriving carrot plantation. Charlie Whiskey's carrot plantation was the envy of all the inhabitants of the kingdom of Radio. He succeeded year after year in producing a bumper crop of carrots. All the other residents of the kingdom came to Charlie for advice on planting carrots. Charlie would always tell them, "The secret's in developing a good ear." No, Charlie didn't have superior hearing, but he had developed a very special skill. You see, Charlie picked his carrots with his ears.

In fact, Charlie had worked hard at perfecting this skill and was able to harvest at better than 20 carrots a minute. All of Charlie's family learned to pick carrots with their ears. Soon they were all picking at better than 20 carrots a minute. Charlie was so proud of his special skill that he insisted that everyone who came to work at Hamville first show that he could pick carrots with his ears. Charlie would not give new settlers any land unless they could demonstrate to his foreman, Victor Echo, that they could pick at least 5 carrots a minute with their ears. When they could pick 13 carrots a minute, Charlie gave them more land to work. When they were able to pick carrots by ear at the rate of 20 a minute, Charlie made them full citizens of Hamville.

This process of learning to pick carrots with your ears went on for sometime. In other parts of the kingdom of Radio, other rabbits began to pick carrots by ear. However, there were some noisy ducks, known as the Quackers, who lived in the community of Good Buddy. They used their mouths to pick their crops instead of their ears. They had much larger mouths than the rabbits and saw no need to use their ears. The rabbits all looked down on the Quackers. "We must always require ear harvesting skills for entry into Hamville," they said. "That way we will keep out those noisy Quackers." So everyone who came to Hamville had to learn

5



how to pick carrots by ear if they wanted to stay. Charlie Whiskey was adamant about that. "If you don't want to learn the skill of ear harvesting then go work in Good Buddy with the Quackers," he would say.

And so the years passed, and new methods of farming were developed. These new methods were easier to learn than ear harvesting, especially for the animals who didn't have the big ears that the rabbits had. What's more, the new methods were just as efficient as ear harvesting.

As time went by, fewer and fewer of the young animals were willing to learn the skill of ear harvesting. The population of Hamville began to dwindle. All the residents of Hamville were getting on in years. To make matters worse, there were new neighbors nearby who coveted the beautiful open farmland of Hamville. They wanted to come in and turn it into commercial uses like shopping centers. And worst of all, the pollution from the Quackers, the other Rabbits, and the Mice (known in Hamville as the GRM group) was having an adverse effect on farming in Hamville. The future looked bleak indeed.

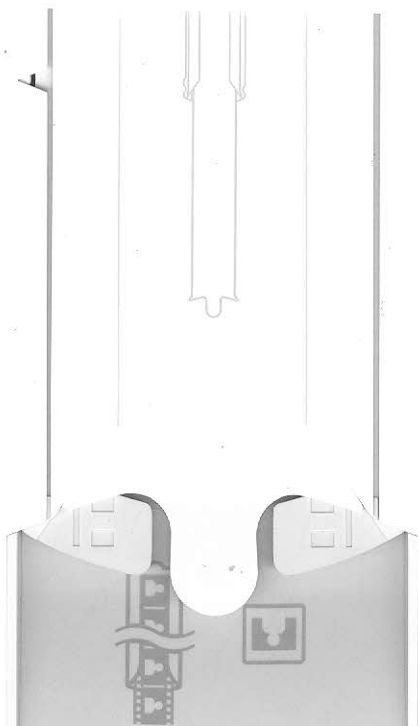
Then, one day, a stranger called Digipeter Rabbit came to Hamville. He was an educated rabbit who had studied at the School for Scientific Bunnies (SSB). He had majored in Farm Mechanics and knew all of the latest scientific agricultural methods. But for all his education and know-how, there was one thing that Digipeter could not do. He could not master the skill of picking carrots with his ears, and since he already knew how to pick carrots more efficiently with new scientific methods, he was not interested in learning.

Charlie Whiskey was outraged. "What do you mean you won't learn to pick carrots with your ears? Why, we in Hamville have been picking carrots that way for 75 years. It's a tradition here. It shows that we're special and that we're better than the Quackers. If you don't have the desire to develop a good ear, then we don't want you here in Hamville."

But Digipeter was adamant. He saw no reason to learn an obsolete skill just to stay in Hamville and he refused to even try. Charlie Whiskey took the matter to the Ancient Royal Rabbit League, which he had founded. The ARRL decreed that everyone in Hamville must learn to pick carrots with his ears or be banished. And so Digipeter Rabbit left Hamville and founded his own village called Techietown.

Soon, all the young animals in the land of Radio were flocking to Techietown. But Digipeter had his own entrance requirement. A good ear and a good memory were not enough for him. No one could stay in Techietown unless he could demonstrate technical knowledge, understanding and ability, and the desire to contribute to the advancement of Techietown.

Digipeter encouraged all the residents of Techietown to experiment in the cultivation of new unexplored lands, never before farmed. Digipeter showed them how to overcome pollution problems. He showed them how to use the land they had more efficiently. Digipeter even perfected a method of farming which allowed a number of rabbits to farm the same land at the same time. And while the residents of Hamville were picking 30 carrots a minute on a good day, in Techietown, harvests of 300 carrots a minute were possible. Using Digipeter's methods, and those developed by the other bright, young residents, Techietown soon became the most prosperous village in the kingdom of Radio. This did not escape the notice of the Field Carrot Council, which governed the kingdom of radio. To reward the residents of Techietown for their



contributions to the kingdom, the Field Carrot Council gave Techietown more and more land to work, until its borders touched those of Hamville.

Meanwhile, Hamville was still plodding along as it always had, oblivious to the revolution in farming occurring around it. The old hares still picked carrots by ear. The Ancient Royal Rabbit League complained bitterly to the Field Carrot Council about all the new land it was giving to Techietown, but the population of Hamville continued to drop. When the Field Carrot Council gave 2 acres of Hamville property to Techietown, the residents of Hamville began, for the first time, to be genuinely concerned about their plight. Some even dared to ask the Ancient Royal Rabbit League to change its mind about the need to learn to pick carrots by ear to live in Hamville. "We need new blood here to fight off the Field Carrot Council," they said. Charlie Whiskey, now in his nineties, was furious. "We have to maintain our standards. We don't need those smart young bunnies, we need rabbits skilled in our time-honored harvesting techniques. We need rabbits who are dedicated enough to the principles of Hamville to want to learn our methods. If a rabbit really wants to live here, he'll learn our ways. If he doesn't, we don't want him. You don't want those Quackers to move here, do you?"

But by now the residents of Hamville had seen the writing on the wall. Although they genuinely enjoyed picking carrots with their ears, they realized that there were now other ways which yielded just as many carrots. And though they would probably continue to pick carrots by ear as they always had, they could no longer shun those bright young rabbits who chose a more modern method. A group of rabbits, led by an elder statesman rabbit named Elmer, who had once served in the government of the kingdom of Radio, asked the Ancient Royal Rabbit League to change its policy. The League agreed and issued a decree that henceforth ear harvesting skills would not be required to become a resident of Hamville.

When Digipeter Rabbit heard of the decree, he sent envoys to Hamville with all the latest scientific discoveries, which he shared freely with the residents. The residents of Hamville seized upon the new knowledge and soon Hamville became revitalized. Its population began to increase as young rabbits were attracted to its bountiful open farmland. The Field Carrot Council, impressed by the renaissance in Hamville, did not take away any more of its land, but actually gave some new territory to Hamville. Everyone was amazed at the new vibrancy of Hamville.

Charlie Whiskey, though sad that his beloved harvesting method was no longer in vogue, saw that his people were prospering and was glad. And to show that there were no hard feelings, Charlie Whiskey sent Digipeter Rabbit a packet of 73 carrots which he had picked himself -- with his ears.

The residents of Hamville rejoiced and declared a festival to celebrate their new prosperity. And over the front door of the Hamville Festival they put a banner, which read: "A bunny's worth is measured not by the skill of his ears, but by what lies between them." The residents of Hamville had learned an important lesson.

-THE END- via Antenna Farm BBS

7

