



The Parasitic Emission



Volume 12, Number 12

Happy Holidays!

December 1984

Meeting Notice

by Joe Shupienis, WA3IHK

The December meeting of the Quad County Amateur Radio Club will be held on Friday, December 21, 1984 at the DuBois Ramada (formerly Sheraton) Inn, Route 255 and I-80 Exit 17, north of DuBois. The business meeting will begin at 7:30 p.m.

QCARC

Program Announcement

by Joe Shupienis, WA3IHK

The program at our December meeting will be a presentation on the Neighborhood Crime Watch program. A representative of the DuBois Barracks, Pennsylvania State Police is scheduled to speak to us about how we can participate through the use of amateur radio.

In addition, coffee and donuts will be supplied and there will be a social hour after the program. Plan on attending our Christmas season meeting and party. All your ham radio friends will be there.

QCARC

Minutes of the November Meeting

by Bryan Simanic, WA3UFN

The regular meeting of the Quad County Amateur Radio Club was called to order November 16, 1984, by Pres. WA3IHK.

The minutes of the previous meeting were read and approved.

TREASURER REPORT- Expenses since the last meeting totaled \$152.91. The expenses included: repeater electric, newsletter postage, reimbursement for Fall picnic supplies, and newsletter printing. The balance in the checking account, \$60.97 and the savings account, \$346.41. The savings account balance includes repeater funds. Motion by W3WM seconded by WA3UFN to accept the treasurer report, carried.

COMMITTEE REPORTS- K3PS reminded all of the Amateur Radio exams that are scheduled for Jan. 19, 1985, at the Du Bois Senior High School. WA3IHK newsletter editor commented that the program announcement was received too late for the latest newsletter, due to mail schedules. He also reminded all about the large December edition of the Parasitic Emission. WA3UFN, Clearfield County EC outlined a newly proposed public service program to be started in the Du Bois area. This program will be presented as the club meeting program for December, with a guest speaker. K3PS reported that the novice and upgrade classes are tentatively set to begin early February. W3WM outlined the programs for some of the future meetings and also reported on the ARRL Atlantic Division meeting.

OLD BUSINESS- None

NEW BUSINESS- Discussion about the next Executive Board meeting decided that due to the Holiday Season none would be planned in the next couple of months. When the date and location of the meeting is decided, it will be placed in the newsletter. Reminder, to ARRL members, to send in their ballots for WPA SM.

GENERAL- Congratulations to W3WM for becoming a Grandfather II. It was reported that K3WVR will be in Hawaii and plans to run in the Hawaiian Marathon. Motion by K3PS seconded by K3WVR to adjourn, carried. The membership adjourned for the program of Novice Night with a film about the various reasons of becoming an Amateur Radio operator.

ATTENDANCE- WA3IHK, K3PS, WA3UFN, W3WM, WA3GQU, KA3KMJ, KA3MYQ, K3WVR, KA3MYP & YL, J. Cretti, J. Bishop, Mr. & Mrs. J. Frantz

QCARC

REMEMBER - MAIL EARLY. AVOID THE CHRISTMAS RUSH. (A public service announcement from the Quad County Amateur Radio Club.)

QCARC DUES FOR 1985
by Paul Silinsky, K3PS

Just another short reminder that 1985 club dues are payable at this time. The dues for next year are --- Full members: \$10.00 and Associate members: \$7.00.

Make your checks payable to QCARC and send them along with the renewal/application form in this issue to:

Quad County Amateur Radio Club
P.O. Box 352
DuBois, PA 15801

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REPEATER!!!!

THE REPEATER LIVES ON BREAD ALONE!
That is, it lives on bread spelled "\$\$\$\$\$". It takes bucks to pay the electric bill and bucks to pay the State Forestry Dept. for the lease on the site. In fact, it takes the bucks from 35 supporters each year to pay the bills.

We don't have free electricity or free tower space like some repeaters do. So we solicit "free will" donations each year from the users of the repeater to keep it on the air. But look at it this way. We pay for what we use and no one is going to kick us off their "free" tower because of something beyond our control. We're there to stay.

This year, as in past years, "repeater dues" of \$10.00 are solicited from each user of the repeater. No one has been barred from using the repeater because of not paying "dues" and it's not likely that will ever happen. But the bills must be paid by someone. If you don't contribute, someone else has to pay your way. Be honest with yourself and with the rest of us when you decide whether you can pay or not.

Send your "dues" for 1985 to:

Quad County FM Association
P.O. Box 352
DuBois, PA 15801

-QCFMA-

WARNING: THIS NEWSLETTER CONTAINS 4,193 WORDS. READING IT MAY BE HAZARDOUS TO YOUR RAGCHEWING TIME!

Items from the ARRL Letter
by Art Kunst, W3WM

Following the tragic death of his mother Indira Gandhi by assassination, Rajiv Gandhi, VU2RG, has been named Prime Minister of India, continuing the dynasty begun by his grandfather, Jawaharlal Nehru.

-ARRL-

The FCC has granted an ARRL request for an extension of comment time on PRB-1, ARRL's request for a declaratory ruling preempting local zoning bodies from enacting overly restrictive antenna ordinances. As expected, the National League of Cities (NLC) has filed comments against PRB-1. Among its points, NLC says that the FCC doesn't have the authority to meddle in local zoning issues, that there is no need for the preemption since anyone with a complaint can go to court, and that if the FCC does have the preemptive authority, it nevertheless lacks the competence to do it in such a manner that would avoid lengthy court battles. ARRL had anticipated that NLC and similar groups would file comments questioning the need for any such action; hence it is suggested that hams who have experienced difficulties in erecting antennas should recount them in their filings. Some hams may be precluded from pursuing the existing legal remedy because they do not have the tens of thousands of dollars necessary to fight a case through the courts.

Some communities require large initial and/or annual filing fees from hams wanting to erect or maintain an antenna. Any such requirement that might discourage bright, technically-inclined youth from becoming hams should be called to the attention of the FCC in this matter.

That's why it is so important that individuals and clubs present the FCC with case-histories of problems hams have had in getting or being denied permission to erect effective amateur antenna systems. Send a SASE with 88 cents postage to ARRL Hq. and ask for the PRB-1 Material. The procedure for filing comments is simple: send one original and four copies of your comments to: The Secretary, FCC, Washington, DC 20554. The first page of your comments should include the heading, "Comments in Response to PRB-1." They must be received no later than December 24.

Early Ham Radio in the Quad-County Area
by Art Kunst, W3WM

In the July Parasitic Emission, I presented an article about my experience in learning about Louis Bundy, W3WQ in Brockport, near Brockway. The two letter callsign indicates that Mr. Bundy was a very early amateur and may be one of the first radio hams in the area. He was still listed in the Callbooks of the 1960s and may be known to older radio hams of the area. Because the Bundy family is very large in this area, and has many branches, I felt confident that more information would be gained about Louis Bundy by contacting present day Bundy people. Unfortunately, my optimism was unwarranted as only one or two elderly Bundy cousins were able to remember Louis Bundy and his ham radio activity. Although I appealed for information from the readership of this newsletter, no one stepped forward to provide more information.

Since last July, I have had the opportunity to review other old records of amateur radio and now have a fuller picture of early ham radio in our area. Some of my sources are QSTs and Callbooks of a 50 year time period from 1920. The information which follows is shared with you with the expectation that you will find it as interesting as I have.

After World War I ended, amateur radio licenses were issued again and operations resumed in 1919. During the course of 1920, all two letter suffix callsigns were issued completely, and then followed by three letter suffix callsigns. Also the state of Pennsylvania was divided between the W3 and W8 radio districts. The W3 area surrounded Philadelphia out to the Blue Mountains of Pennsylvania while the remaining three-quarters of the state was part of the eighth radio district. It was not until 1946 after World War II that all of Pennsylvania became part of the third call area. Amateurs of that time in Pennsylvania with W8 calls were converted by the FCC to the same call if unassigned, or the closest call sign in the W3 series.

In the year 1928, the following radio amateurs were listed in our area according to a list of amateur radio stations published by the Radio Division of the US Department of Commerce:

Bradford - W8APW W8BLT W8DVG
Brookville - W8DLG
Clarion - W8ASU W8CTB
Clearfield - W8BVY Fred Leitzinger
 W8EA Otto Eppers
Indiana - W8AKB W8CUH
Kane - W8NM
Punxsutawney - W8CUB
Ridgway - W8B JL W8DSB W8DTD

As the reader will note, no amateur stations were licensed in DuBois, but there were 12 stations within some 50 miles. Of the above list of early amateurs, only W8NM (now N3AWQ) is known to be an active radio amateur today. I have had the privilege of visiting recently this distinguished old-old-timer, and would like to share this experience with you in a future Parasitic Emission.

Two years later in the fall of 1930, The Radio Amateur Callbook listed the following amateur stations in our area:

Bradford - W8ADH
Brookville - W8DLG
Clarion - None
Clearfield - W8BVY W8DNK W8EA
Falls Creek - W8BEJ Francis Servais
Indiana - W8AKB W8AWL W8BST
Kane - W8BRJ W8NM
Punxsutawney - W8BPD W8BWH W8CRS
 W8CUZ W8FE
Ridgway - W8CSV

I have underlined those calls in the above list which were shown in the prior list of 1928. Within two years we see considerable change from 1928 with many earlier amateurs no longer listed but many new amateurs taking their place. W8BWH is the famous Dr. Vancheri of Punxsutawney, who passed away to ham heaven a few years ago. Ron Drummond was W8FE and is still active as W3FF in Punxsutawney. I am pleased to have had several fascinating personal conversations with him. As the list shows, DuBois still has no resident amateur although W8BEJ was near by at Falls Creek. Punxsutawney was the hot-bed of ham radio activity for miles around, based on the residence of five radio amateurs.

If anyone is interested in names and addresses of the preceding radio amateurs, I can supply them on request. I hope to continue this historical review of local amateur radio in a following Parasitic Emission.

Extra Eyes

by Bryan Simanic, WA3UFN

Throughout the country, neighborhood Crime Watch programs are being initiated to help reduce all forms of crime. I felt that in the spirit of amateur radio, the Crime Watch program could be coordinated with our hobby by using a standard procedure and coordinating a program through local police departments. For example, if you see something that looks questionable while driving down Main Street, by using the established procedure, say on the local repeater, you would alert any station that would hear you that you would like to call in a Crime Watch report, not just ragchew for awhile. When this procedure is heard, a station should respond, obtain the pertinent information and call in the report to the nearest police department that would be able to investigate the report. This service would not at all mean any definite commitment by anyone at any time, that is the nice part for those involved. By developing a recognized service and an official procedure, the police will readily acknowledge the report and know where the info is coming from.

Therefore, I have contacted the local Du Bois City Police and Pennsylvania State Police stations and have requested such a presentation for the December club meeting. I think that the program will be of great benefit to all who attend whether the information is used with amateur radio or in any other manner. I hope we have a record turn-out for the meeting and the program that will follow immediately after the meeting.

QCARC

??? SCHOOL ???

by Paul Silinsky, K3PS

How would you like to go back to school? AARRRRGH, you say? Well, it's not all that bad. The school I'm talking about is an upgrade class run by your local amateur radio club. The upgrade class will cover the "three R's,"---Radios, Regulations, and ROOOOOM. You computer types are wrong this time. That last slip of the pinky is not Read Only Memory (ROM); it's Room, i.e., space to spread your elbows.

OK. Enough wispieness, already. The fact is that the higher class amateur licensees have more room to operate on HF than the lower class licensees. On some bands they have a LOT more room! Whether or not you agree with this scheme of things doesn't count. You're stuck with it! And, whether you're an electrical wizard or not shouldn't stop you from upgrading your ham license.

The QCARC is planning to offer an upgrade class (for whatever class licenses needed) to run concurrently with our next Novice class. So why not use the instructors that are already there rather than let them "hang around the halls?" The upgrade class will start around FEB 1, will meet once a week (probably Wednesdays but this is flexible), will cost you no money (except for a book or two), and will end in time for scheduled amateur exams in DuBois (probably in May).

To get some advance planning done, I (K3PS) am collecting names of people POSSIBLY interested in this upgrade class. If you're interested, let me know. I will send out details of the class (when finalized) to everyone on my list. There will be a maximum enrollment for this class and it's about half full now. Don't miss out by waiting too long to express interest in it. Upgrade this year!

QCARC

Technology on the march

by Joe Shupienis, WA3IHK

The articles by K3PS and WA3UFN were written by them on their computers. Nothing earth shaking about that. What has been improved this month is that after they had written them, they called my computer on the telephone, and automatically transmitted the articles to it, without my even knowing about it or having to be there! When I got home, the articles were there, waiting for me. How's that for high tech?!

The next step, after "cleaning up" the programming in my bulletin board system is to begin work on a two meter interface to allow it to be used on the air. Hopefully, that will happen in 85, but at the moment, I don't know how to do it, or even where to begin. Any suggestions?

QCARC

DON'T FORGET THE EXAMS!

by Paul Silinsky, K3PS

This is your final written reminder that the Quad-County Amateur Radio Club Volunteer Examiner Team will be conducting examinations for Technician, General, Advanced, and Extra Class amateur licenses on Saturday, January 19, 1985 at the DuBois Area High School (room 202).

There is still time to register for this test session if you do the following:

1. Obtain and fill out a current FCC form 610 (available from W3GNR -- you must include an SASE with your request for form 610).

2. Send the filled-out form 610 and a copy of your license along with a \$4.00 check or money order -- NO CASH -- (made out to ARRL/VEC) to:

Gary Boucher, W3GNR
913 Chestnut Ave.
DuBois, PA 15801

The 610 and your check must be in Gary's hands by December 19, 1984 -- NO EXCEPTIONS!!

3. Show up for your exam at the time shown on the appointment card the VE team will mail to you. The appointment cards will be mailed shortly after Jan. 1, 1985.

4. You will be required to present identification -- EVEN IF WE KNOW YOU! The following are the ONLY acceptable forms of ID:

ONE of the following:

- ** a photo drivers license
- ** any other sealed photo ID

If you don't have either of the above two forms of ID, you must present TWO of the following:

- * non-photo drivers license
- * birth certificate
- * utility bill, bank statement or other business correspondence that specifically names you

- * a postmarked envelope addressed to you at your current address
- * minor work permit
- * school report card
- * passport

5. Bring the ORIGINAL copy of your current FCC amateur radio license if you hold one. We will not keep your original license but we MUST see it to verify certain information. Sorry, but copies will not do for this. Also, bring the original copy of CERTIFICATE OF SUCCESSFUL COMPLETION OF EXAMINATION (if you hold one), and the original copy of your FCC Commercial Radiotelegraph Operator license (if you hold one).

6. Bring two no.2 lead pencils and, if needed, a calculator. Calculators that retain programs when turned off are not permitted. In other words, no canned programs, equations, or formulas are allowed. Beeping watches and calculators will have to be silenced during the exams, so keep that in mind when choosing a calculator.

These exams are offered as a public service of the Quad-County Amateur Radio Club to anyone wishing to take them. Membership in a particular organization is NOT required. Good luck and see you in January.

Shorts

by Paul Silinsky, K3PS

Bill Latta, KA3MKY, is the new owner of a Timex 1000 computer. He's looking for interesting programs to help him keep his sanity. Welcome to the funny farm, Bill!

QCARC

K3TFL is stunned to learn that the Radio Shack Color Computer 2 temporarily residing at his QTH is producing interesting VISUAL effects while secretly being "LOGICAL, SEQUENTIAL, NUMERICAL."

QCARC

We are sad to hear that Dick Hockman's (K3LIX) father passed away on Friday, December 7, 1984. Our sympathy is extended to the entire Hockman family.

Things You Gotta Watch
by Bob Netzlof, WB3IQE

Time Always use Greenwich Meridian Time. Call it UTC (Universelle Temps Coordinee) if you want to, but use it. Conversion to GMT is easy:

EST + 5 hours = GMT
EDT + 4 hours = GMT

It's probably best to use 24 hour time. Many people use it routinely, and I'm not sure everyone knows the am/pm system. I've had visiting Europeans look puzzled when I said, "We'll meet again at 1:30." They smiled and nodded when I said, "Er... ah... 1330."

In French, "after noon" comes out "apres midi." Will Jean-Claude understand that 2:30 am doesn't mean 2:30 apres midi?

Be careful! Suppose that at 10:15 pm EDT you work PX2NSD/1. Adding 12 hours to convert to 24 hour time gives us 2215. Then 4 hours to get GMT gives 2615. Oops! Shot past midnight, so subtract 24 hours to get 0215. BUT, it's 0215 on the next day.

Since we live in a country that spans four time zones, the idea that somebody thinks it's a whole number of hours earlier or later than we think it is isn't too strange. But beware - there are some oddball time standards floating around in the world.

Venezuela is not very big, but it sits smack dab on the boundary between GMT-5 and GMT-6 (Eastern and Central to us). Rather than mess around with two time zones, they spit the difference and defined their standard time as GMT-5:30.

Saudi Arabia, I am told, runs on a standard based on the Sun time at Mecca. (No, Mecca isn't their capital. Think! What church do they go to?) That makes their time GMT+4:27:16.7 or some such.

Interestingly enough, when it's noon GMT, it's not noon in Greenwich. Several years ago, England, for business reasons, decided to operate on GMT+1, thus using the same time as all of Western Europe.

QCARC

1939

hallicrafters
Equipment for every
Communications Purpose

SKY BUDDY is an 18-feature communications receiver with continuous coverage from 44 MC to 545 KC with uniform sensitivity over the entire range. Electri-calbandspread. Beat frequency oscillator. Built-in line filter. Built-in \$2950 rubber mounted speaker, etc.

Skyrider DEFiant offers performance usually associated with more expensive receivers. Four bands cover from 43.5 MC to 545 KC. Frequency Meter tuning on 10, 20, 40, and 80 meter amateur bands. Controls include RF gain, Selectivity switch, Crystal phasing, Audio gain, Pitch control, Bandspread tuning, A.N.L. switch, BFO, etc., \$6950 with crystal, less speaker....

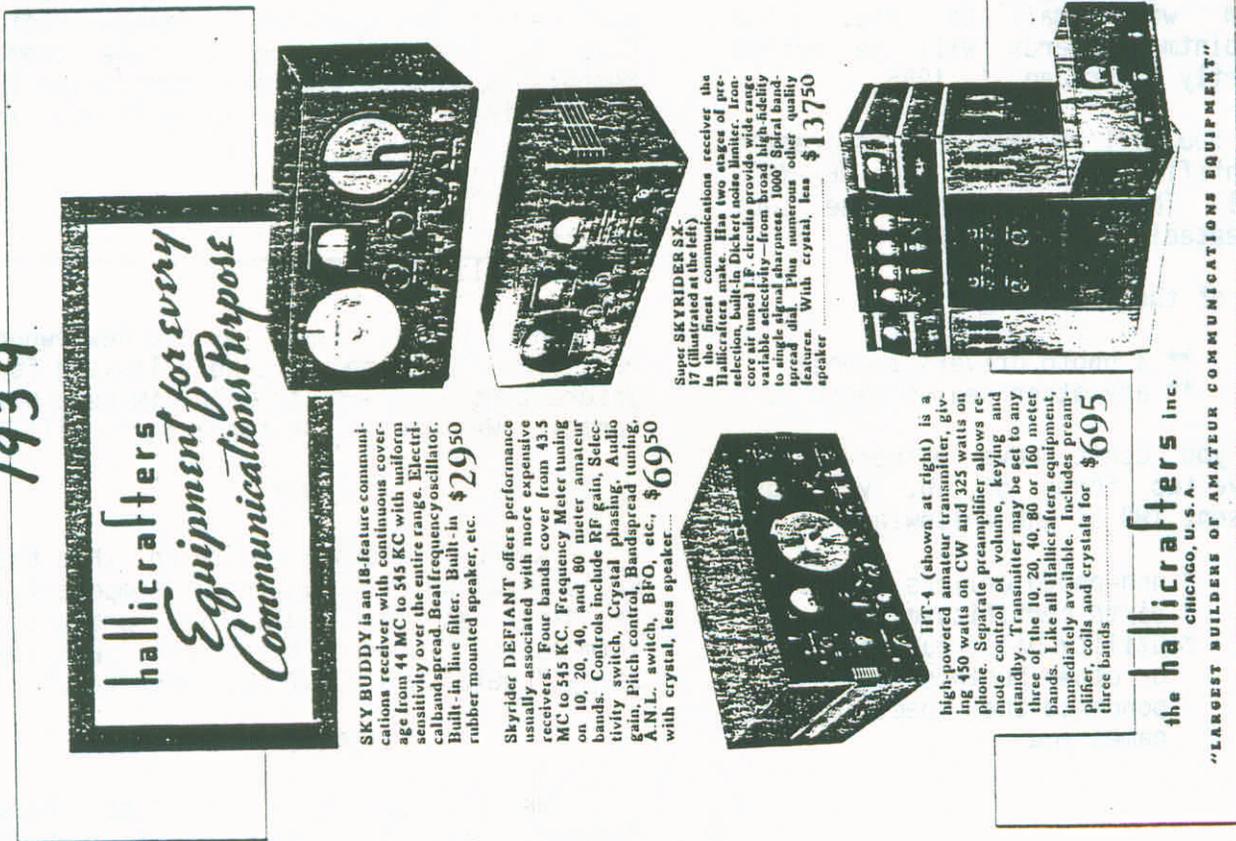
Super SKYRIDER SX-17 (illustrated at the left) is the finest communications receiver the Hallicrafters has ever produced. Has two stages of preselection, built-in Dickett noise limiter. Iron-core air tuned I.F. circuits provide wide range variable selectivity—from broad high-fidelity to single signal sharpness. 1000° Spiral bandspread dial. Plus numerous other quality features. With crystal, lens \$13750 speaker

HT-4 (shown at right) is a high-powered amateur transmitter, giving 450 watts on CW and 325 watts on phone. Separate preamplifier allows remote control of volume, keying and standby. Transmitter may be set to any three of the 10, 20, 40, 80 or 160 meter bands. Like all Hallicrafters equipment, immediately available. Includes preamplifier, coils and crystals for \$695 three bands

the hallicrafters inc.
CHICAGO, U.S.A.

"LARGEST BUILDERS OF AMATEUR COMMUNICATIONS EQUIPMENT"

Tell 'Em You Saw It in the Radio Amateur Call Book Magazine



The Christmas tree was all trimmed and Archie had just plugged the lights in. "Now for some hamming," he thought as he headed down to his basement shack.

After turning on the lights and rig, Archie sat in his swivel chair and surveyed his little empire. Here was a desktop full of electronic boxes, connected to hundreds of feet of wire outside which allowed him to communicate with virtually any point in the world! On one wall was a map of the world with his location in the center, and the opposite wall contained the QSL cards which documented his far-reaching efforts. "I've worked countries I've never even heard of," reflected Archie.

Just at that moment, he heard the unmistakable sound of a pileup - dozens of US stations bellowing their callsigns in the faint hopes that some rare DX station they had heard would call them back. Even though Archie had contacted over 300 countries, he listened intently for the station the others were so eagerly pursuing.

"Aw, that's only Mario!" Archie said aloud when he heard the DX station's callsign. "I've talked to him a hundred times."

As he turned to look at Mario's QSL card on the wall, Archie froze in shock. Standing there in his shack was a stranger, eying him intently.

"Who are you?" Archie asked the tall young man, who was dressed in a heavy winter parka. "Do I know you?"

The stranger didn't speak, but began to shiver and pointed to a QSL card on the wall. Archie looked at the card from Libya. "Is that who you are?" asked Archie, suddenly unsure of himself.

By the time Archie looked back to where the stranger was standing, his visitor had vanished! Suddenly, he heard a traffic net on his frequency. The net control was asking all stations to stand by for traffic from servicemen stationed at "Little America" near the south pole. Just at that moment, a vaguely familiar voice began calling the Libyan station whose QSL the stranger had pointed out. The voice then signed Archie's call.

Time after time, the call went out, and Archie could hear the net control pleading for a clear frequency. And he

heard his own voice telling the "bunch of lids trying to hold a net" to get off the DX station's frequency.

"So what?" thought Archie. "They had it coming to them. After all - 20 meters is a DX band, not some silly traffic band. Besides - can't those military fellows call home via satellite or something?"

"Time to quit for the night and go watch TV," he muttered to himself as he turned off the rig. Upstairs, as he settled down in his easy chair, the evening news had just begun. Police were escorting a young man to their car, and the announcer said he was charged with attempted armed robbery.

"Looks like that kid down the block who wanted me to help him get his novice ticket. Look how he turned out. Good thing I was too busy going after Albania to waste any time with him!"

Disgusted, Archie shut off the TV and went to bed. He slept fitfully, with a recurring dream of the silent stranger pointing at a QSL card. But this time it was the card from Surinam. The one Archie had made himself. For the QSO that never took place. Which had been claimed as his 100th country for the DXCC. "Nobody will ever find out," he kept telling himself as he rolled over and tried to get back to sleep.

Finally amidst dreams of the mysterious visitor, came the deepest sleep of Archie's life. And the stranger spoke to Archie and said, "I am the spirit of Amateur Radio. The spirit you have crushed and destroyed in your selfish pursuits. Do you see the error of your ways?"

Archie thought a while before responding truthfully. "No," he said silently, "I don't see anything wrong at all."

Instantly he found himself behind the steering wheel of a tractor-trailer, with a CB blaring in his ear. "Breaker for the ratchet-jawed motormouth!" he shouted into the mike. Unbelievably he heard himself screaming obscenities on the airwaves. "How could I be doing this?" he wondered.

Suddenly "The Rodeo Song" blared from his tape player, and he held the mike to the speaker. He looked at his 250 watt "lean-er" and knew his rotten signal was being heard over a very wide area. And there beside him in the truck was the same stranger who had haunted him all evening, saying, "You're where you belong now, Archie. Merry Christmas to all!"

Across:

- 1 New exam authority
- 3 Calling any station
- 5 Ham organization
- 9 Field strength abbr.
- 10 Traffic handler
- 11 Friend (French)
- 12 Organization of long-licensed hams
- 14 Station at sea
- 15 Callsign abbr.
- 16 Interference
- 17 Slang for "QSY"
- 19 Armstrong Modulation
- 21 Zulu time abbr.
- 23 Hello (Spanish)
- 24 Aerial
- 25 Handle
- 29 Entry level amateur
- 34 Radio Amateur
- 35 Popular beam type
- 38 The control of electrons
- 41 Unrectified AC
- 42 And CW abbr.
- 43 Holiday football stadium

-By WA3IHK

Down:

- 1 Tuneable oscillator
- 2 CHU time zone
- 3 What hams do
- 4 Jamming
- 6 Amateur _____
- 7 Route manager
- 8 Analog in nature
- 13 Amateur radio magazine
- 15 Midwestern state abbr.
- 17 Search several channels
- 18 German callsign prefix
- 19 Weaker
- 20 Northwestern state abbr.
- 22 Southern state abbr.
- 26 Phone equivalent of ----
- 27 Italian ham's name
- 28 Electromagnetic abbr.
- 30 Satellite TV converter
- 31 Observe
- 32 Base-collector current
- 33 Teachers' net (defunct)
- 36 Perform in FORTRAN
- 37 Confirm
- 39 Canadian territory abbr.
- 40 Telegraphy abbr.

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41				42			43			

Merry Christmas!



The Parasitic Emission
 Newsletter of the
 Quad County Amateur Radio Club
 Post Office Box 352
 DuBois, PA 15801



FIRST CLASS MAIL

President: Joe Shupienis, WA3IHK
 Vice Pres: Evan Boden, N3DEO
 Secretary: Bryan Simanic, WA3UFN
 Treasurer: Paul Silinsky, K3PS

F 1984
 WA3UFN
 Bryan Simanic
 509 Burt Street
 DuBois PA 15801

Member:



An Affiliated Club of the
 American Radio Relay League



Serving Radio Amateurs in Clearfield, Jefferson, Elk and Cameron Counties since 1975