

10-10 *News*

INTERNATIONAL

Volume 29 Number 3

July 1991 (Summer)



Top l to r - 11ZFT, 11GMF, 11SV, 11LNU, 11XXM, 11PCT, 11ZFT, 11KIC61
BOTTOM L TO R - 11HAG, 11KMTZ, 11PHX, 11VCI, 11YRL, 11ZZL



10-10 Convention in Arlington, TX - Jun 7,8,9
Registration on the right, Happy Hour on the left!

NET OFFICIALS

10-10 INTERNATIONAL NEWS

| | | |
|----------------|----------------|--------|
| President | Norm Lefcourt | W6IRT |
| Vice President | Hugh Sullivan | WA4QZU |
| Secretary | Marge Smothers | WA6ZPX |
| Treasurer | Gerry Gross | WA6POZ |

| | | |
|------------|------------------|--------|
| Directors: | Peggy Pinell | G4MAE |
| | Elaine Nickoloff | N8CBE |
| | Linda Barnes | KJ4FM |
| | Don Weaver | K0JPW |
| | Gary Ward | KD7UZ |
| | Jack Miller | W9WYN |
| | Pete Matson | KC1CP |
| | Jim Michaels | W6PGM |
| | Dave Prichard | KA5OV0 |
| | Marv Hagan | WB2SJQ |

| | | |
|-------------------------|----------------|--------|
| Chapter Coordinator, | Hugh Sullivan | WA4QZU |
| Contest Rules Chairman, | Harry Syring | WB1FTQ |
| Editor, 10-10 News, | Bob Arnold | N2JEU |
| Int'l Net Manager, | Sherm Sherman | K6PTF |
| Records Manager, | Lee Pasewalk | WB6MGM |
| Roster Manager, | Dee Gilbert | KA6HQJ |
| Supply Manager, | Dave Prichard | KA5OV0 |
| PR & Publicity, | Chuck Imsande | W6YLJ |
| Convention Manager, | Ray Moyer | WD8JKV |
| Scholarship Manager, | Morrie Goldman | W6EHM |
| Historian, | Jim Michaels | W6PGM |

10-10 AREA MANAGERS

| Call area | Name | Call |
|--------------------|-------------------|--------|
| 1. | Al Kaiser | N1API |
| 2. | Larry Berger | WA2SUH |
| 3. | Chester Gardner | N3GZE |
| 4. VA, NC, SC | Rick Roberts | N4KCC |
| KY, TN, FL | " " | " |
| 4. GA, AL, P.R. | Jim Beswick | W4YHF |
| 5. | Grace Dunlap | K5MRU |
| 6. | Dick Rauscher | W6ANK |
| 7. | Willie Madison | WB7VZI |
| 8. | John Hugentober | N8FU |
| 9. | Bernice Tielemann | N9CDO |
| 0. | Debbie Peterson | KF0NV |
| All DX (no U.S.A.) | Carol Hugentober | K8DHK |

Addresses are listed on Page 31.

NET CONTROL STATIONS

| | | | |
|-----------|----------|--------|------------|
| Monday | Dusty | K6MPN | 28.380 MHz |
| Monday | Lovergne | KD6JC | 28.800 |
| Tuesday | Al | W6RNX | 28.800 |
| Wednesday | Louise | N6ELK | 28.800 |
| Thursday | Bill | WB60MH | 28.800 |
| Friday | Sherm | K6PTF | 28.800 |
| Saturday | Nat | 8P6SA | 28.800 |

10-10 International Nets are all at 1800Z

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News items and PHOTOS are to be sent to the Editor: Bob Arnold, N2JEU, RR # 5, BOX 32 CANASTOTA, N. Y. 13032.

Ph. # 315-697-7478

Deadline For the Next Issue is:

September 15, 1991

Copy deadlines are the 15th of the month preceeding publication. Publication dates are approximately MID, January, April, July and October.

Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted should be typed, using 8 1/2 X 11 plain white paper. Photographs, when submitted, should be black and white (color is acceptable but not as good). Include complete information on subject matter, call signs, names, 10-10 number chapter names, etc. Be sure to reference the information to a specific picture. Do not write on BACK of photo. Include your Phone Number should more information be necessary.

All 10-10 chapter activities and reports should be sent to the Chapter Coordinator, Hugh Sullivan, WA4QZU, 2112 YORK Drive., Owensboro, KY 42301.
Ph. (502) 683-0562.

AWARDS MANAGERS

| | | |
|------------------|------------------|--------|
| 100-900 Bars | Glen Harding | K7OMK |
| 1000 Bar UP | Ed Neal | N5EBA |
| VP Awards | Hiram E. Wolf | W4NWP |
| Continents Award | Chuck Imsande | W6YLJ |
| All States Award | Susan Brackeen | KA1CAD |
| Countries Award | Alan Sherman | K1AS |
| Lucky 13 Award | Glen Harding | K7OMK |
| Counties Award | Alice Jenkins | NR4R |
| OM/XYL Award | Elaine Nickoloff | N8CBE |

(Printed in U.S.A.)

K4CIH
Tom Henderson
4901 15th Place East
Tuscaloosa, Alabama 35404

1992 will be an election year for five (5) members of the Board of Directors. These members had been elected to serve a two year term, January 1991- January 1993. The election term will be for four (4) years.

Nomination for these five positions will be entertained by the nominating Committee and selections for the ballot will be made by majority vote of the Committee. Maximum amount of nominations selected will be three for each office.

All applications for nomination are to be mailed to K4CIH (address above). The application will include a short bio and a letter of intent. All incumbents wishing to run again, will also submit their wishes via the same format.

All applications must be received prior to November 1, 1991.

Anyone not selected by the Committee and wishing to run, may do so following the procedure outlined in article IX, section 4 of the bylaws.

No member may qualify for nomination unless they have been a full member for at least two years prior to nomination. You must also be a full member at the time of election and throughout the term of office.

Thank you

Tom Henderson, K4CIH
Chairman, Nominating Committee

Ph: 205-556-6543

PRESIDENT'S MESSAGE de W6IRT

It's July again, time for outdoor living, 10 Meter mobile, vacations, sunshine etc. (Northern Hemisphere). For the new members of 10-10 this is the quarterly 10-10 News. We strive to include items of interest to all members, if you want something or some special topic included, please get in touch with the Editor, N2JEU or me, W6IRT. Be sure to join in on all the fun of 10 Meters and 10-10. See page 31 for a list of official awards. Most chapters offer membership and issue certificates. You can collect numbers and become eligible to receive chapter upgrades. We had our 3rd Convention in Arlington, TX. I had a very good time. No one said they did not have a good time. We all enjoyed the Texas hospitality. Republic of Texas Chapter hosted the affair. Tom and Ray did a great job for 10-10.

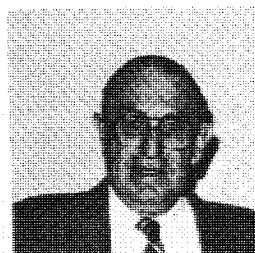
The first Board of Directors meeting under the new bylaws was also held at Arlington. The Board meeting took place Saturday all day. The scheduling turned out faulty, since we were not available to the membership for rag chewing etc. We will try to arrange it better next time. Our Recording Secretary, Marge, WA6ZPX was not able to have the complete Board meeting minutes prepared in time for insertion in this issue. I will list the Board meeting highlights here. The next issue of the News will have the complete minutes printed.

Highlights of the Board of Directors meeting.

A proposal by W6YUJ regarding the sponsorship of hardship membership was discussed and sent to committee.

A system of information bulletins will be set up to get official 10-10 information out more rapidly.

The Planning committee was asked to investigate adding to the bylaws a section regarding the removal of officers from office. A member petition was received regarding this.



Norman Lefcourt
7713 Wilkinson Ave.
N. Hollywood, CA
91605 USA

Ph. 818-503-1912

The bylaws were modified to separate the post of Corporate Secretary from the Treasurer. This was necessary because 10-10 is a California Corporation and the state of California requires that the Corporate Secretary reside in California. This is for the purpose of service or for some form of official communication. I therefore volunteered to serve in this position.

The bylaws were modified to address the filling of Director vacancies. It was decided that since we have an election every two years, we would leave the vacancies open until the next election.

A new class of membership was added to the bylaws: Club stations. A club station was defined as a unique government issued call. A club station will not vote or be able to apply for Family or Life membership. Existing individual calls which already qzhave been issued a second number may continue their membership. A member petition was received regarding this subject. Since the vote by the Board covered this the petition was deemed moot.

The need for liability insurance at all official functions was discussed. The appropriate committee will investigate and report.

The Board of directors approved the selection of Tom Henderson, K4CIH as Head of the Nominating Committee for the upcoming election.

A plan for a general manager was discussed in depth, an Ad-Hoc committee was appointed. The committee is to report back at the 1992 Meeting.

Judy Long, a 10th District manager resigned. The Board voted to accept the request by Debby Peterson to take over the entire 10th District.

It was reported that combined, the VK and ZL areas represent less than 1000 paid up members.

An official guide will be published. It will be called an AWARDS guide. Jack Ford, KB7DUX will be editor of this new publication. There were several rules set by the Board.

Dues were increased, effective next January 1. New or renewal membership US will be \$7.00 per year, DX will be \$9.00 per year. Life membership US will be \$175.00, DX Life \$225.00. US Senior Life \$60.00, DX Senior Life \$75.00.

The next meeting of the Board of Directors will be in Seattle WA.

Air Capital chapter in Wichita, KS offered to host the 1993 10-10 Convention.

There will be a revised version of the By Laws. The new version will be available as soon as we get it updated to reflect the changes made at the 1991 Board meeting.

The board also discussed (off the record) some other items: Members operating ethics on-the-air, the 500 year Puerto Rico celebration of Columbus sailing, contest scoring, advertising in the News, speeding up delivery of the News, etc.

That covers the Board meeting. There was no petty squabbling by anyone before, during or after the meeting. The heated controversy over several items before the meeting apparently didn't amount to very much. Everyone at the Board of Directors meeting had the best interests of 10-10 at heart. And we all feel that the best interests of 10-10 were served.

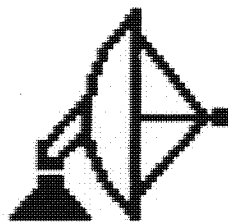
The new AWARDS guide will be successful if all the Chapters send useful and timely information directly to KB7DUX. Jack will soon be in direct touch with each chapter.

You may notice the word advertisement at the top of page 30 and 31, this was included to help us qualify for 2nd class mailing privileges. Gerry, WA6P0Z is working on this change.

A correction has been made on page 31: The 3rd district Manager, Chester, N3GZE, had his ZIP code changed. His new ZIP code is now 21042.

DX. I have agreed to join a local group that plan to operate from BELIZE during the CQ WORLDWIDE DX Contest, October 25 through 27th. I applied for a Belizian Call and I was issued license: V31-RV. During the contest I will be using the group DX call. But, I do intend to operate 10 meters as much as possible. I will attempt to use my 10-10 number during the contest if allowed. I will try to operate close to 28.400 and close to 28.600 +/-.

Speaking of 28.500, Joe, KA3UBG has begun a campaign to get more operation on the upper end of 10 meters. He has started a chapter which will meet on 29.200 MHz. Joe also is advocating a quiet zone (no contesting) somewhere around 28490 to 28510. Personally I like the idea. What if it should catch on? If it worked, maybe QST and CQ would adopt a similar plan. Hams that do not wish to contest will have a place to visit and not get so upset.



**STATEMENT OF REVENUE AND EXPENSE
FISCAL YEAR ENDING MARCH 31, 1991**

| | | 1990-91 | 1989-90 |
|---|--------|-----------|---------|
| NET WORTH at the beginning of year (04-01-90) | | \$154,352 | 120,343 |
| REVENUE | | | |
| Received from members | | | |
| Dues | 58,459 | | |
| Stamps | 1,326 | | |
| Rosters | 1,210 | | |
| Miscellaneous | 3,098 | 64,093 | 82,602 |
| Interest on investments | | 11,230 | 10,307 |
| | | ===== | ===== |
| | | 75,323 | 92,909 |
| EXPENSE | | | |
| Bulletins, rosters, stamps, etc: | | | |
| Postage | 15,400 | | |
| Printing and Supplies | 15,737 | | |
| Mailing Services and Data Processing | 10,662 | 41,999 | 40,448 |
| Reimbursement for postage, supplies, etc | | | |
| Regional Managers | 6,295 | | |
| Officers and Directors | 2,584 | | |
| Other Net Managers | 3,855 | 12,734 | 13,029 |
| Awards and Contests | | 1,982 | 1,992 |
| Election | | 5,623 | |
| Board Meeting | | 1,785 | |
| Scholarship Fund | | 1,500 | 1,500 |
| Convention | | 1,000 | 1,864 |
| California Franchise Tax & Non-Profit Tax | | 15 | 15 |
| Miscellaneous | | 1,981 | 52 |
| | | ===== | ===== |
| | | 66,621 | 58,900 |
| | | ===== | ===== |
| EXCESS of receipts over expenses | | 8,702 | 34,009 |
| | | ===== | ===== |
| NET WORTH at end of year (03-31-91) | | 163,054 | 154,352 |

NOTES ABOUT STATEMENT

- i. Investments include Certificates of Deposits, Savings Accounts, and interest from interest bearing Checking Accounts.
- ii. Mailing Services include label preparation, addressing, and mail drop services. Data Processing includes file maintenance (adds and changes), Directory, and Cheshire label preparation.
- iii. Other Managers includes Records, Supplies, Chapter Coordinator, Net Control and Chairpersons of committees.

As of March 31, 1991:

Life membership:

| | | |
|-----------------------|-----|-----------|
| Previous years | 222 | 15,564.50 |
| transfer for oper exp | | 777.00- |
| interest | | 1,245.00 |
| current years | 184 | 9,044.50 |
| TOTAL | 406 | 25,077.00 |

Treasurer's Report - Continued.....

At the October 1990 Board of Directors meeting I was directed to determine what was 10-10's membership base. The following is a summary of the breakdown of the membership:

Membership - 12782 active
 Regular - 12166
 Family - 210
 Life - 406 including Honary

Numbers issued - 59664
Silent Keys - 2957

Of the 12376 Regular and Family members, 6912 will renew during 1991 and 5464 will renew 1992 and after. The 12376 represent an investment of \$86,032. That amount plus the funds for Life equal \$111,109 or 68% of total assests.

Computer Software Update

I am still providing copies of the 10-10 Roster on Disk for IBM or compatible. Send 3 formatted 360K disks plus a mailer and return postage. As of June 15, the Database is through March 31, 1991.

I am compiling a list of programs written for 10-10 purposes for any computer. The list will be made available to anyone for a SASE. If you wish to be included on this list send a description, NO MORE THEN 100 WORDS, describing what it is and what machine its for, also state if it is FREE or for a FEE. My address is listed below.

SCHOLARSHIP DONATION

W6EHM Morrie Goldman
WA2SJO Marvin Hagan in memory of Bob Foell, WD6DFB

NEW LIFE MEMBERSHIP from Mar 7, 1991 to June 1991

| | |
|--------------|--------------|
| 00010 W6PGM | 38958 VK3FJR |
| 03980 K7SQO | 38994 YB5ODQ |
| 04479 WA1MYX | 39215 KE5VH |
| 11119 K5HC | 39770 KC4AF |
| 12452 WA4IUL | 40004 WA5CBW |
| 13925 VE6CEL | 40447 WB1DVR |
| 17607 WD4HDT | 41852 N4KCC |
| 19753 WA6HYO | 46487 WA4IVY |
| 24982 K5ABD | 47230 KA0FJA |
| 25134 WD0BFO | 47589 KB5GEO |
| 25970 HA9PP | 47633 K7PRZ |
| 28716 WB3HJC | 47775 N8JCI |
| 30905 PA3APQ | 51278 KA1PVS |
| 35823 NS5T | 53295 N50TI |
| 36607 W6ZZN | 55749 WB3CGM |
| 37983 W0IKT | 55926 K9EFX |

| |
|--------------|
| 57130 W5JX |
| 58316 N4Z0J |
| 58552 W3BVM |
| 59513 WB6TNY |

The Treasurer may be reached at:

Gerry Gross WA6POZ
643 N. 98th #142
Omaha, NE 68114

First, an apology may be in order. You'll notice that the chapter column by Hugh Sullivan that normally appears in each issue may be missing from this one. Hugh DID send in a column on a disk but the disk (a 3 1/2 inch 720 floppy) turned out to be unreadable on any of 6 different computer systems I tried. Hugh has been away on vacation after the Convention in Arlington and I couldn't catch up with him to tell him about the bad disk. **Late Update...** I did reach Hugh and a copy will be forwarded to catch up with the original copy of the News. Let's hope the postal service, UPS, FEDEX or whatever does overnight service as promised!

News Items

A proposal by Janet Whitney (an SWL in Alexandria, VA) to permit Novice and Technician class operators a larger chunk of voice privileges on 10 meters was turned down by the Federal Communications Commission. The FCC feels that the allocation already in place (28.3 to 28.5 Mhz.) is sufficient and that to allocate additional spectrum would reduce the incentive for Novice and Technician class operators to upgrade license classes.

The Genealogy Net meets on ten meters on a frequency of 28.335 at 2000Z. The net will move UP 3 KHZ if there is QRM on the normal frequency. The net combines two hobbies, amateur radio and genealogy (family history) research. Informal exchanges of information is encouraged and includes research info, how-to hints, computer genealogy program info local resources and much more. Net control is Kim Danielson KB7IMC.

The Crazy Eights Chapter on-the-air meeting info in the April 1991 issue was incorrect. As taken from their note to me - "The net meets on Thursday at 8:00 PM Eastern time Summer and Winter" This would convert to 0100Z Friday in the Winter

and 0000Z Friday in the Summer." The net frequency is 28.3888 Mhz.

The Paperchasers Bash in Reno, Nevada is scheduled for August 1991. The Paperchasers Net will be held on Saturday, Aug. 17, 1991 on 28.340 Mhz at 1900Z. Local attendee check-ins will be taken first off of the KB6AN roster. Attendees please be sure to register with Betty when you arrive. Other checkins will be taken directly afterwards, time and propagation permitting. Net Control Station will be Don, K0PVI/7.

The Mississippi Coast Amateur Radio Association, Inc. announces the 1991 ARRL Mississippi State Convention and 15th Annual HAM/SWAP FEST. at the Point Cadet Plaza in Biloxi, Mississippi. Dates are October 5th and 6th, 1991. Admission is free. Hours are from 8 am to 5 pm Saturday (the 5th) and 8 am to 2 pm on Sunday (the 6th). Talk-in is on the 146.13/146.73 repeater. Additional information is available from Charlie Kunz AA5QJ, 6337 Chaucer Drive, Ocean Springs, MS 39564-2306.

Nominations for 5 members of the Board of Directors are now being accepted. See the letter from Tom Henderson K4CIH elsewhere in this issue. Tom has been selected to head up the nominations committee by the board. Please address any nominations or questions concerning nominations to him at the address given in the article.

Address corrections are to be mailed to your AREA Manager. You'll find his address on page 31. If you send a change of address to me I will forward it to the Area Manager. This causes a delay of several weeks. So please don't do it.

Almost went to the Convention. Last minute work came up and I was forced to cancel. Maybe next time?

Word of a new Packet radio BBS has arrived. A phone conversation

with Tom Henderson K4CIH revealed that NIAPI has a PBBS running. Since I don't have any additional details I'll find out and have a complete description in the next issue. If you're into packet radio I can be reached through the WA2TVE PBBS at WA2TVE.WNY.NY.USA.

The dial-up BBS is running well and may be reached at (315) 697-7365 almost 24 hours a day. Speeds of 1200 bps and up are accepted. You'll need a personal computer and a dial-up modem to use the system. If you want a short help sheet on using the BBS send a self addressed STAMPED envelope (business size please!) to the address listed for the EDITOR inside the front cover.

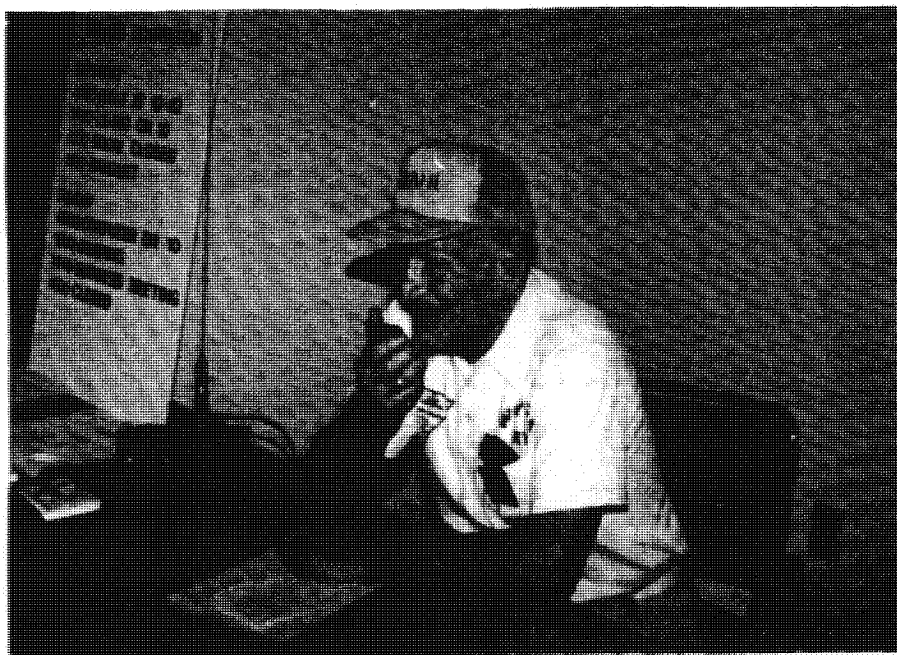
That's it for this issue.

Bob N2JEU

73 - Bob N2JEU



Friday Night Registration
at the Convention



Jim Michaels W6PGH operating
W6OI/5 at 10/10 Convention
(Convention photos in this issue by KB5VV)

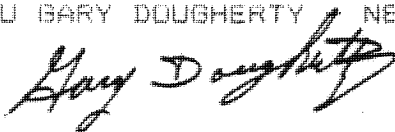
DEAR BOB,

ENCLOSED IS A COPY OF SOME OF THE INFORMATION I SENT TO MARGE SMOTHERS (WA6ZPX). SHE WILL HAVE A COMPLETE PACKET WITH HER FOR DISPLAY IN ARLINGTON, AND IF SHE HAS THE OPPORTUNITY, WILL READ THE TREASURERS REPORT TO THE 10-10 MEMBERS. IF YOU MAKE IT TO ARLINGTON PERHAPS YOU WILL BE ABLE TO SEE THE COMPLETE PACKAGE SENT TO THE FAMILY OF THE SILENT KEY.

IF YOU HAVE THE ROOM IN THE 10-10 NEWS, WOULD YOU PLEASE PUBLISH THIS REPORT.

\$2.00 DONATIONS MAY BE SENT TO ME. PLEASE MAKE CHECKS OUT TO PAPERCHASERS MEMORIAL FUND OR GARY DOUGHERTY. SEND YOUR FULL NAME, ADDRESS, AND 10-10 NUMBER TO: GARY DOUGHERTY, 8363 BELLE BLUFF DR. GRAND BLANC, MI. 48439.

THANKYOU GARY DOUGHERTY NBBBJ



PAPERCHASER'S MEMORIAL FUND

TREASURERS REPORT

MAY 1991

PREVIOUS BALANCE-----\$319.31

NEW MEMBERS (DAYTON)-----\$20.00

TOTAL-----\$339.31

Since the PAPERCHASERS MEMORIAL FUND began in 1984 we have to date 219 members. Unfortunately we have also had 50 silent keys.

Inclosed is a sample packet of what is sent to the family of the silent key.

I would like to take this opportunity to thank all of the people who have contributed to what we feel is a worthy cause.

Respectfully Gary DOUGHERTY - NBBBJ

GETTING STARTED ON 10: THE PORTABLE, ROTATABLE DIPOLE

L. B. Cebik, W4RNL, 41159

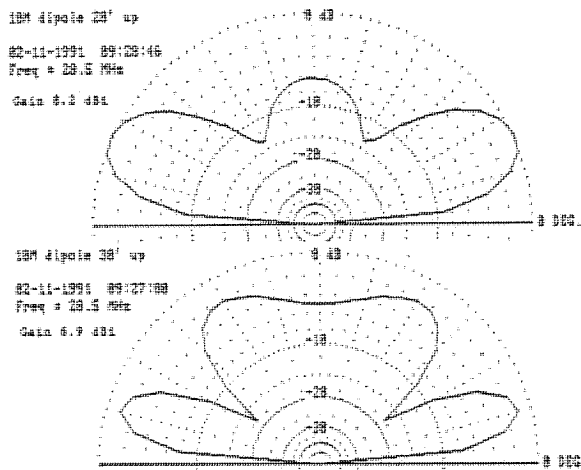
Newcomers need a good first antenna for 10; old timers often need a temporary or portable antenna. Beam aids usually make the dipole appear to be a second-rate antenna. Often, we cannot think of dipoles without also thinking of wires fixed in one position. It may be time to change our thinking.

Having changed QTHs, I needed a temporary antenna until I could get the beam back up. A portable dipole-in-a-tube I made for vacation use went up against the new house: 20 feet high at best. The excellent results surprised me until I ran the dipole through ELNEC, an excellent antenna modelling program by W7EL. Here are the computer results and the antenna.

Dipoles in Free Space and Over Real Ground

Dipoles have gotten a bum rap because in free space they show only a 2 dB plus gain over the theoretical isotropic source. However, over real ground, they perform much better. In the 20 to 40 foot height range, dipoles show a 7 to 8 dB gain over isotropic in a peanut shaped horizontal pattern. Gain exceeds 8 dBi at 20 and 40 feet, dropping to 6.9 dBi at 30 feet. I used 20 feet as a matter of convenience, which gave a broad elevation lobe (12 to 39 degree half power points) with only a small vertical component. At 30 and 40 foot heights, more power radiates at higher (including vertical) angles.

How good is 8 dBi? For comparison, a 2 element Yagi computes to 10 to 11 dBi, while several 3 element Yagi designs show around 14 dBi. At 6 dB per S unit, the dipole is very competitive except where you need the beam's front-to-back ratio to hold down QRM or where you need to work the weakest signals. The dipole has allowed me to maintain regular contact with old 10-X friends in Europe, and the VKs and ZLs I used to work can still hear me if the path is open at all.

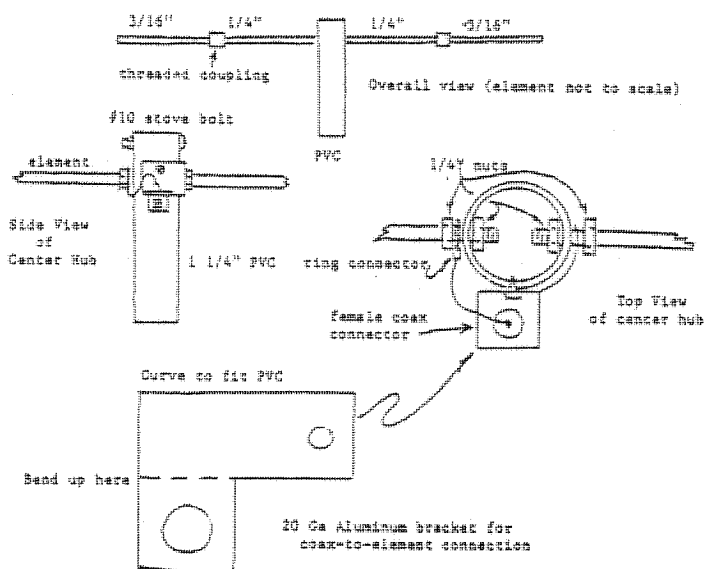


The trick in using a dipole effectively is to release our brains from the fixed wire design. A rotatable dipole for 10 is feasible, cheap, and beneficial. The front to side ratio can be up to 12 dB, which makes the antenna very bi-directional and cuts side QRM. A light weight rotatable dipole requires little more than some aluminum, some PVC, and a length or two of TV mast. Hand turning a couple of times per day as the skip patterns change saves the cost of a rotator. For portable, temporary, or beginner use, these advantages add up to an effective low cost antenna that will still be useful when the high tower, long boom, many element Yagi replaces it for home station use.

A Portable, Rotatable Dipole

The elements of my dipole-in-a-tube are aluminum rod. Each side consists of a 4 1/2-foot section of 1/4-inch rod and the remainder of 3/16-inch rod. A threaded coupling holds them tight, but permits disassembly and storage. The 1/4-inch rod is threaded and mounts to a 10-inch section of Schedule 40 1 1/4-inch diameter PVC, as the sketch shows. The 1/4-inch nuts hold the elements securely, but stress the PVC, so I added a #10 stove bolt in line with and above the elements to restore the round shape of the PVC.

Some #20 aluminum, cut and bent as shown in the sketch provides a coax connection. The shield side bends with the PVC and is locked by the element. The center conductor uses a short wire with a ring connector that locks under the other element. Trim the 3/16-inch aluminum to minimum SWR at your favorite spot on 10 and you are in business.



I nest the 10 inch PVC section over a 1-inch diameter, 5-foot long section of PVC. A single #10 stove bolt locks them. This section fits inside another 1 1/4-inch diameter PVC pipe, again with a locking bolt. If I need more height, I add 5-foot sections of TV mast. Everything here fits loosely. For longer term installation, I added electrical tape to the mast sections to get a tighter fit.

A small Radio Shack House bracket attached to an eave holds the mast at the 12-foot level, while an old steel car wheel/rim anchors the base. The house bracket is only semi-tight, which permits hand turning the antenna. Adjust the house bracket until the average wind does not turn the antenna.

And that is all there is to it. For a first antenna, this (or any mechanical variation) will do the job. For a temporary or portable antenna, the rotatable dipole works exceptionally well. The elements of this version store in the nested PVC tubes (with spray can caps as end lids). The center hub and miscellaneous hardware fit in a small plastic bag. Everything goes into the trunk without stealing room from luggage. At home, the basement does not even notice the storage space for the antenna. Try a dipole. You may like it.

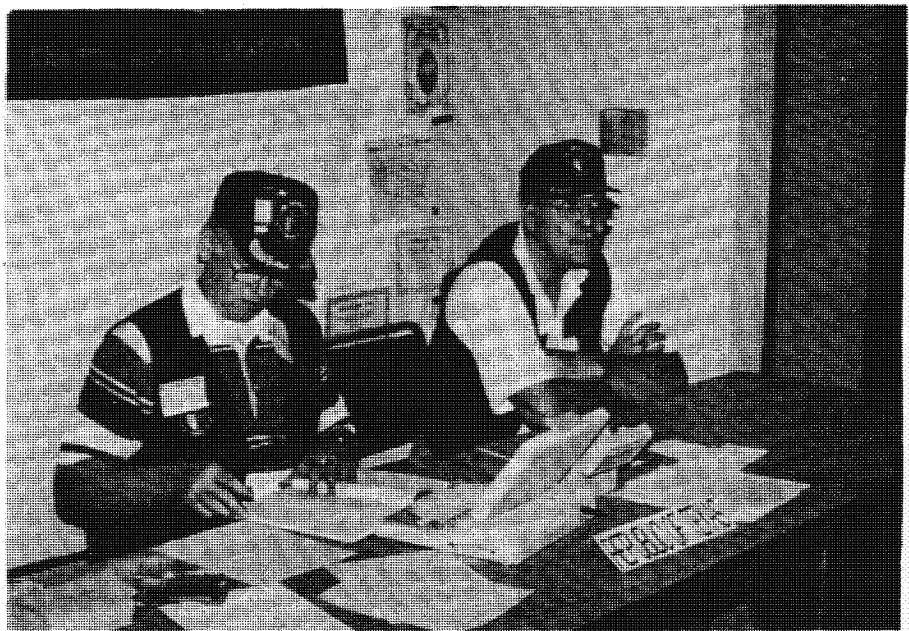
CQ---CQ---CQ

CQ, CQ, CQ, OUT THERE,
Please answer, anyone, anywhere;
I'm here to listen, I'm ready to hear
Someone wanting to catch my ear.
N7NNL is my call;
Been a "general" two years in the fall.
This silence is maddening-ah, a faint cry,
I turn the volume way up high.
In the distance, I hear a welcome sound
Answering back, a partner I've found.
Name here is Pauline, Mesa's the place;
Bruce says he's on a submarine base.
Searching around I found Riga, Latvia,
Sweden, France, and Czechoslovakia;
England, Wales, Scotland, Spain;
Talked to two hams in the Ukraine.
Now I can hear the shuttle in space,
Astronauts talking to their Houston base.
My legs won't work, but my mind can fly
Over the air waves, all through the sky.
A million friendships I can build,
Ham radio has my dreams fulfilled.

Pauline B. Thompson

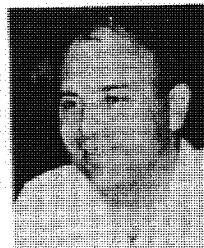
Pauline Thompson
N7NNL (November 7 'Never,
Never Lonely')
I492 Venture Out
Mesa
Arizona
85205

Ron NNSY (CM RTI) and Andy KE5US at the
Republic of Texas chapter table at the
Convention. Photo by KB5VV



TenX DX News

Mike Davidson KC5CP



I just completed some research on the local DX packet cluster in Houston using the past 6 months of data reported on Ten. 105 TenX countries were reported and 135 non-TenX for a total of 240 DX countries. The bad news is our summer months have been bad for DX, a record number of major solar flares during May-June have caused disruptions in propagation. Conditions will improve in four months when we get back to the Fall season but the summer skip will be Equatorial and N-South skip to S. America from the US. We are past the peak of the cycle and conditions will be declining for the next five years which means there is lots of stuff to work yet. I expect the August QSO Party will provided us with lots of contacts and some DX.

The Arlington Convention was well done by the Rep. of Texas chapter. I want to thank them for inviting me to talk about DX. Topics included DX basics, QSLing, Computers, Propagation and the DX packet cluster. Someone asked me about the info in my column if all of the stations are TenX members. I answered YES and commented that I had said this in my first two columns. So here again, unless I say non-member, all are members! One of the things that motivated me to write this column was a DX article in the News that only talked about non-members. Well this made me mad so I agreed to write this DX column. The President announced at the convention that all TenX articles will have a two page limit. This has caused me to change the format of my article and photos will have to go elsewhere to stay in the two page limit.

Well it is time to crank up the tower as high as possible and lets see what DX is lurking.

Feature DX Station for June 1991:

KA8FTP/HZ is Ron Hendershot a veteran of Operation Desert Storm in Saudi Arabia. Ron was on Special Naval Detachment in Riyadh. He received permission from Navy CENCOM to operate his 25 watt Ten Meter rig to a dipole. Time and restrictions prevented him from getting the Saudi Arabian OK to operate. Many will say that portable operation from HZ is illegal. The ARRL DXCC desk will have the final say. I met Ron in May and a picture is on another page. Ron had 435 contacts from Feb 16 to Apr 28 and he worked the US on Apr 11 & 13. QSL to 10230 Waldron Way, San Diego, CA 92124. There was at least three other portable operations that I know of and one of these was **PA3EQU/HZ** on Mar 17 at 1400. The others were non-members.

KH3AF is Richard on Johnson Island. Richard is a 48 yr old paramedic who recently changed his call from **NH6YG**. He has a TS440, 100 watts, to a 70 ft high tribander. Look for him on 28490 at 0200. Johnson Isl is located 800 miles SW of Hawaii where he received his TenX as **NH6YG**. There are six hams on the island and two of them are TenX. John Ballet is **KH3AE** received his number in March 91. The club station **KJ6BZ** also has a number. Richard has just printed his new QSL cards and you will need to QSL to: P.O. Box 976, APO San Francisco, CA 96305. Richard talked about the QRM from the Hong Kong taxi drivers using the band for business and causing interference. Anyone else on the West Coast ever hear the taxi drivers? Richard will be on the island about 6 more months. Your QSL will need to be an SASE and US postage.

3B8CA is Jack on Mauritius Island. Jack likes to be on the Brazil DX Net on 28530 at 1400 in the morning for US. This was a new country for me and is the only TenX member on the island! Look for him on the weekends.

VP2EOH is Bob **K8BL** on Anguilla. Scott **KO8O** was also on the trip about May 1-8. QSL direct with an SASE to **K8BL** address in the call book.

9J2CF is Frosty in Lusaka Zambia. He can be found on 28310 on Sundays at 1900. Frosty is **K5LBU** but all QSL go to Baptist Mission of Zambia, Box 50599, 15101 Ridgeway, Lusaka, Zambia.

LA2GC is Gary **G0FWX** in Oslo, Norway. He is with the British military and will be there until mid 92. Look for him on 28518 at 1545 on the weekends.

RB0GG is Victor **RB7GG** in the Ukraine. We have worked several times and he recently sent me a nice letter with Russian postage stamps wanting to exchange them for US dollars. They have a hard time getting dollars to use for dues, etc. QSL to Victor Tkachenko, Box 73, Kherson, 325000, USSR.

DA2FY is Steve who I met at the Convention and has moved back to Texas. Steve would have been another Desert Storm vet but a leg injury kept him stateside. Steve is **N5RKJ** and QSL to 1602 Edgefield, Killeen, TX 76542.

VK6PP is Tony in W. Australia. Tony sent me a letter and photo along with a QSL. They have good DX conditions as he listed 14 TenX countries worked recently including **KA8FTP/HZ**. Tony has a list of certificates and is looking for N. Dakota with a TenX to complete WAS. Hope someone can set a schedule and give him ND. QSL to 11 Manxton Way, Lynwood 6155, W. Australia. Photo elsewhere.

S83H is Harry in Transkei. Transkei for DXCC purposes counts as S.Africa. Harry had the call S85H before it was changed to S83H. We talked on 28555 at 1500.

UG6JJ is Serge our only member in Armenia. Serge is a good CW op as I first worked him in ARRL Ten Mtr contest and twice since. His letter explained the long time it takes for his mail to get to him, from 1-10 months! K8DHK has sent him 3 membership certs and he finally got them and all had been opened. He likes to collect certificates and is looking forward to many TenX certs. All of his equipment is home brew including his vertical antennas. He runs a 100 watt amp and works all bands. He has a special call **UG1700JJ** and will be available every January until 2001. QSL to Serge Mnatsakanyan, 9A/33, 2 Norki Massiv, Yerevan 375062, Armenia. Use two green stamps for airmail return postage.

UD6DFA is Ruslan from Azerbaijan. Ruslan is a 20 year old seaman when he is not talking on his homebrew transceiver that puts out only 40 watts to a ground plane antenna. He heard me one day and tried to call me but he told me I never heard him. I missed another new country! He sent me his SWL card and a letter describing his station and other information. He likes to operate on 28380 at 12-1400. QSL Ruslan Bunyat-Zade, Box 825, Baku 370129, Azerbaijan, USSR and include return postage.

PY0SK is Karl **PS7KM** on St. Peter & Paul Rocks along with two non-members. The other call **PY0SR** goes to **PP5JD**. They were active about ten days in May for this DXpedition. A comment by Karl indicates it now takes 2 green stamps for a QSL return. All others will get returned back through the bureau. QSL to Karl Leite, Box 385, 59000 Natal, RN, Brazil.

VK9NS is Jim Smith who had a disappointing trip to Bangladesh. Jim had been working with the government authorities for several months before his trip. At the last minute they changed their minds and did not give him an unrestricted license. After much negotiations by Jim he was finally allowed to operate on April 3 for two days using the call **S21U**. This is the same call used by a group from Japan last year. He made about 600 QSOs, all on SSB and every QSO was monitored by the Bangladesh authorities.

Jim spent a lot of effort trying to put this one on and he only succeeded just two days before he had to leave, which is unfortunate. As most of you know, Bangladesh had a terrible cyclone/typhoon storm with many thousands of people dying. Their communications were almost non-existent to ask for aid. My opinion, S2 needs to revive their amateur radio and build up a national resource of hams that can help in a emergency. This was the second time S2 has had such a tragedy and loss of life. Jim Smith will return to S2 and I hope that by that time they will have some of their problems resolved and Jim will be able to put on a DXpedition with no restrictions and ham radio will begin to grow in Bangladesh once again. **VK9NS** has always been a good supporter of TenX whenever you ask him, so please QSL Jim with only one card per envelope and include return postage. Jim goes to many places and has many thousands of contacts in his many logs. This is why he requests one card per envelope.

TJ1CW is Silvio **F6EEM** in Cameroun. Silvio was on another of his DXpedition trips into Africa. Silvio always makes a lot of contacts and goes to wanted countries. Cameroun was a new one for me and Silvio wants all QSL to go to: Silvio Faurez, 4 Due Duguesclin, F-35170 Bruz, France.

CE3AF is Jim from Chile. Jim is 66 and has been a member of TenX for about 20 years with his four digit number. His original call was **CE3AEZ** and he is collecting VP numbers. Jim is active on weekends about 28510 at 2100.

KK5IT/HPI is Dave near Panama City Panama. Look for Dave at 28490 at 1800 on weekends.

TZ6VV is Larry in Mali and he has a problem with either his mail or TenX records. Larry has not received any of the TenX News issues. I told him I would pass this on to Carol who would fix him up with whatever it takes, hi.

CPIFF is Mario in Lapas Bolivia. Mario has another friend **CPIJX** Wolf, also a member, that lives very close to Mario. We talked on 28467 at 2115 with a strong signal both ways.

CX4HS is Albert in Uruguay running a battery powered TS440 to a beam antenna. He does have an amp when he needs more power. Albert has a second QTH and uses the call **CX6BBY** from that location.

IK2YYO is George and **IK2DUW** is Mello who like to operate on 28493 at 1400 together from Varese Italy. They both have about the same signal strength and enjoy swapping TenX numbers.

LX1BT is Hank in Luxemburg with a nice station as seen in his photo elsewhere. Hank operates from 28500-540 at 13-1500 on the weekends. Watch for him this winter when we have good conditions back with Europe. Thanks for photo Hank.

Note: QSL to the call book for all stations unless stated.

QSN Reports:

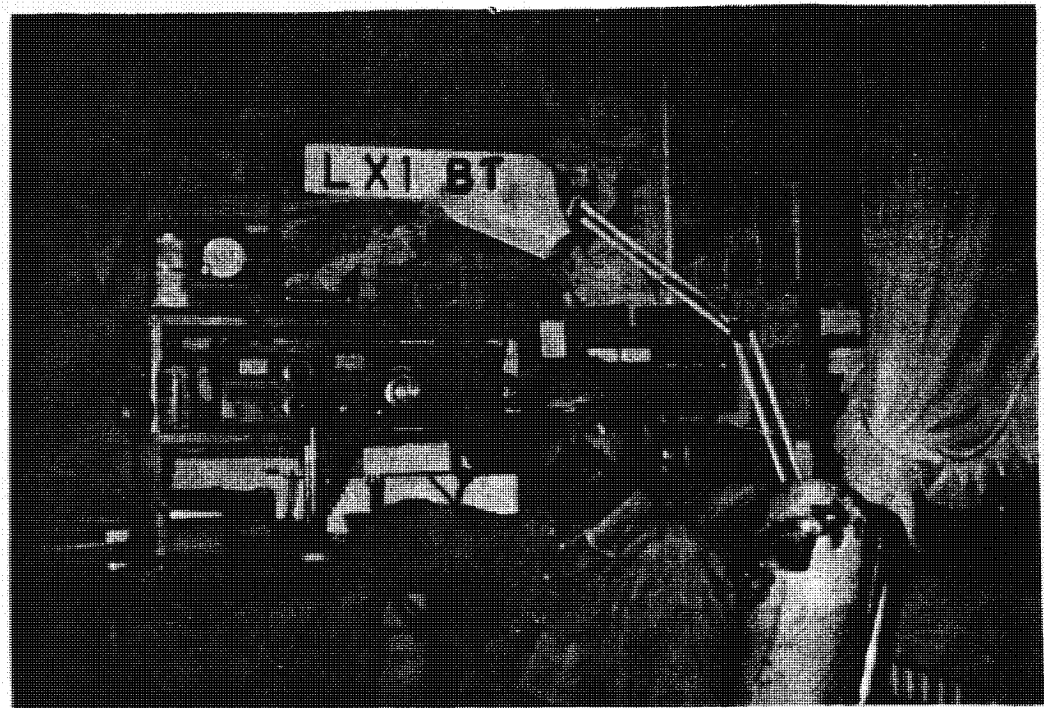
PJ2WG 28555 at 1315. **ZP5JCY** 28471 at 2345.
OT6DP 28483 at 1625. **P43WLP** 28510 at 2300.
I3WWP 28549 at 1400. **T30NAD** 28500 at 0200.
DJ6RR 28555 at 1540. **VK3CTM** 28555 at 0430.
LX1BT 28538 at 1345. **HA0IT** 28413 at 1527.
5Z4BI 28490 at 2020. **NL7PJ** 28432 at 0230.
UA9OA 28555 at 1415. **OK2BJR** 28556 at 1440.

Thanks to the DX stations for the photos and please send more photos to Mike Davidson, 3518 Bellefontaine St, Houston, TX 77025. Photos must be clear, light and sharp else they will not reproduce and are unusable. Thanks to Bob Winn **W5KNE** who publishes QRZ-DX for other information used in my article.

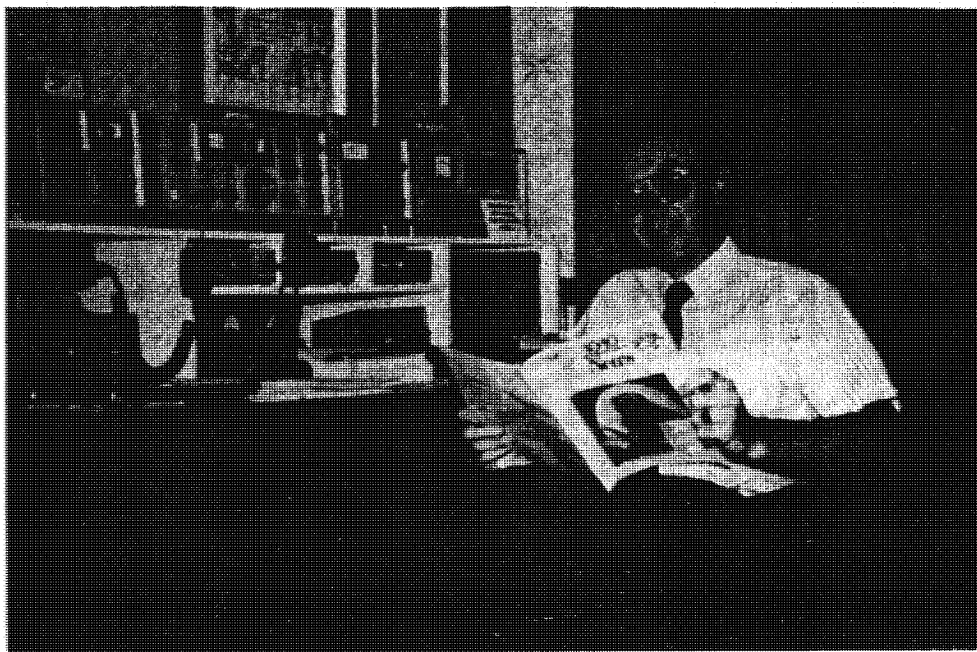
Good DX & 73 KC5CP



Left Mike Davidson KC5CP
Right Ron Hendershot KABFTP/HZ
Taken May 1991



Hank LXIBT #55545
Great looking Station!



Tony VP6PP in W. Austrailia

10-10 INTERNATIONAL NET QSO PARTIES

CONTEST MANAGER: HARRY SYRING, WB1FTQ, #23934
37 Bradford Dr. Windsor, CT 06095

10-10 QSO Parties are open to all amateurs, but only paid-up members are eligible for awards and chapter assignment of scores. They are conducted to encourage 10 meter operation and interest in the Net. Non-members may use numbers collected to qualify for membership; members may use them for awards.

RULES:

1. PHONE. Contacts must be in the Ten meter Phone band, on SSB, AM, or FM.
CW. Contacts must be in the Ten meter band on CW or RTTY.
2. Exchange: Callsign, name, state, and 10-10 number.
3. A station may be counted only once.
4. Single operator stations only are acceptable.
5. All contacts must take place within the 48 hour contest period.
6. Logs must be kept in Universal Coordinated Time.
7. A DUPE SHEET IS REQUIRED OF ALL PARTICIPANTS. Computer duping is OK. SASE to me for dupe sheet sample.
8. Chapter assignment of scores may be made only by a paid-up member belonging to that chapter as a local member and able to work its Net via groundwave from the contest station.
9. Illegible or improperly submitted logs will be rejected. See below for log requirements.
10. Failure to comply with these rules or their intent may result in disqualification.
11. SCORING: Two points per contact WITH a 10-10 number exchange; One point per contact WITHOUT a 10-10 number exchange.

AWARDS: First Place certificate to each U.S. Call Area (Area 7 includes KL7); also Canada, South America, Central America, Caribbean (incl. Bermuda), Europe, Africa, Asia, and the Pacific (incl. Australia, New Zealand, KH6, and all Pacific islands). Also top ten finishers in the contest overall will receive a certificate. Paid-up individual and chapter scores are listed in the NEWS.

LOGS: Logs are accepted from 10-10 members only, and must be complete, legible, and in UTC. Each line entry must show Callsign, time, state, name, and 10-10 number, if any. A cover sheet is required showing your name, callsign, QTH, 10-10 number, membership expiration date, chapter assignment, if any, total contacts and total points. A cover sheet may be found on the back cover of the NEWS. A DUPE SHEET MUST ACCOMPANY ALL LOGS.

NEXT PHONE CONTEST W I N T E R 1992
STARTS: 0000Z FEBRUARY 1, 1992
ENDS: 2400Z FEBRUARY 2, 1992
SEND LOGS POSTMARKED NO LATER THAN
MARCH 1, 1992 TO:

SUNCOAST CHAPTER
C/O CHARLES STUPIA, N2BGO
1001 STARKEY ROAD, LOT 218
LARGO, FL 34641

NEXT CW CONTEST F A L L 1991
STARTS: 0000Z OCTOBER 26, 1991
ENDS: 2400Z OCTOBER 27, 1991
SEND LOGS POSTMARKED NO LATER THAN
DECEMBER 1, 1991 TO:

SAMUEL CLEMENS CHAPTER
C/O WALT DIMMOCK, N1PNV
614 OLD POST ROAD
TOLLAND, CT 06084

MANY THANKS TO ALL WHO HAVE SUBMITTED SUGGESTIONS FOR IMPROVING OUR CONTESTS. WE ARE CONSIDERING SOME CHANGES AND THESE WILL BE MADE IN THE VERY NEAR FUTURE.

Scored by the Samuel Clemens Chapter

| Top Ten | | / DX District Leaders | | / USA District Leaders | | | | |
|---------|-------|-----------------------|------------|------------------------|-----|-----|-------|-----|
| 1. | HP1AC | 228 | ASIA | UA9DA | 97 | 1. | WM1Q | 54 |
| 2. | KF7JF | 222 | CANADA | VE7ACM | 17 | 2. | NZ2V | 55 |
| 3. | W5RAN | 212 | CARRIBEAN | VP9/KX5U | 8 | 3. | WI3A | 185 |
| 4. | W6TKF | 206 | CENT.AMER. | HP1AC | 228 | 4. | W4WKQ | 191 |
| 5. | K7QXG | 200 | EUROPE | I1YRL | 32 | 5. | W5RAN | 212 |
| 6. | W4WKQ | 191 | PACIFIC | NH6HF | 149 | 6. | W6TKF | 206 |
| 7. | KJ4RV | 186 | SO. AMER. | LU1AEE | 158 | 7. | KF7JF | 222 |
| 8. | WI3A | 185 | | | | 8. | W8PJY | 106 |
| 9. | K3TC | 174 | | | | 9. | AK9Y | 105 |
| 10. | W6FU | 173 | | | | 10. | K0WEX | 38 |

Chapter Standings

| Chapter | Log | Pts. | Chapter | Log | Pts. |
|--------------------|-----|------|----------------------|-----|------|
| 1. Houston Shot | 9 | 882 | 16. Bauxite | 1 | 81 |
| 2. Possum Trot | 15 | 869 | 17. Land Legend | 1 | 76 |
| 3. Fort McHenry | 3 | 277 | 18. Gateway | 2 | 68 |
| 4. City of Lights | 5 | 226 | 24. Golden Bear | 1 | 67 |
| 5. Blue Bonnet | 2 | 220 | 25. Moka | 2 | 62 |
| 6. Suncoast | 3 | 204 | 26. Cradle Liberty | 1 | 53 |
| 7. City of Roses | 1 | 200 | 27. Trotter&Pacers | 1 | 39 |
| 8. Bay Area | 2 | 186 | 28. Lindberg | 1 | 35 |
| 9. CATT | 4 | 186 | 29. Steamboat | 1 | 34 |
| 10. Whitehouse | 1 | 174 | 30. Michigan Robbins | 1 | 30 |
| 11. Tango | 1 | 158 | 31. Steel City | 1 | 26 |
| 12. Republic of Tx | 5 | 154 | 32. Harborites | 1 | 10 |
| 13. City Melbourne | 1 | 147 | 33. Samuel Clemens | 1 | 9 |
| 14. Down Under | 1 | 114 | | | |
| 15. Windfarms | 3 | 94 | | | |

DX Results - Individual Stations

| | Q's | Pts | | Q's | Pts |
|-----------|-----|-----|---------------|-----|-----|
| 1. HP1AC | 116 | 228 | 7. UA9DA | 79 | 97 |
| 2. LU1AEE | 93 | 158 | 8. PY2DBU | 30 | 55 |
| 3. NH6HF | 75 | 149 | 9. I1YRL | 20 | 32 |
| 4. VK3YU | 80 | 147 | 10. VE7ACM | 9 | 17 |
| 5. ZL1LE | 62 | 114 | 11. VP9/KX5U | 4 | 8 |
| 6. VK6PP | 57 | 98 | 12. VE7WPC/CS | 1 | 2 |

| | | | | | |
|-----------|-----|-----|------------|-----|-----|
| AREA # 1 | Q's | PTS | | Q's | PTS |
| 1. WM1Q | 28 | 54 | 2. KA1BFC | 5 | 9 |
| AREA #2 | Q's | PTS | | Q's | PTS |
| 1. N22V | 22 | 55 | 3. N2MBM | 9 | 17 |
| 2. NN2B | 21 | 39 | | | |
| AREA #3 | | | | | |
| 1. WI3A | 117 | 185 | 5. N3BQS | 15 | 29 |
| 2. K3TC | 104 | 174 | 6. N3CZB | 9 | 18 |
| 3. N03N | 46 | 82 | 7. N3FVR | 5 | 10 |
| 4. WB3IHQ | 30 | 53 | | | |
| AREA #4 | | | | | |
| 1. W4WKQ | 107 | 191 | 13. K4HYN | 28 | 54 |
| 2. KJ4RV | 107 | 186 | 14. N4ZCQ | 20 | 38 |
| 3. KU4W | 90 | 155 | 15. K4QFK | 19 | 32 |
| 4. W4TGL | 58 | 116 | 16. KC4JAN | 14 | 26 |
| 5. N4GYX | 60 | 107 | 17. KA4YIP | 13 | 23 |
| 6. AA4UF | 51 | 78 | 18. N4EWG | 11 | 21 |
| 7. AE2L/4 | 40 | 77 | 19. AA4PR | 11 | 18 |
| 8. WV4Y | 35 | 65 | 20. KN4ZZ | 8 | 16 |
| 9. KJ4UW | 37 | 63 | 21. KN4SS | 6 | 12 |
| 10. KN4WC | 30 | 60 | 22. W4EHF | 5 | 10 |
| 11. K4HAV | 30 | 59 | 23. W4PC | 4 | 7 |
| 12. N4ERM | 29 | 57 | | | |
| AREA #5 | | | | | |
| 1. W5RAN | 128 | 212 | 11. W5SUV | 38 | 69 |
| 2. K5LZO | 81 | 151 | 12. AA5LF | 26 | 52 |
| 3. WV5K | 79 | 137 | 13. KC5AC | 26 | 48 |
| 4. WA5JDU | 67 | 114 | 14. KB5KTY | 21 | 40 |
| 5. WA5RNV | 57 | 106 | 15. KA5MJX | 18 | 35 |
| 6. AK5B | 56 | 106 | 16. KI5HP | 17 | 34 |
| 7. KC5CP | 51 | 91 | 17. NN5Y | 15 | 27 |
| 8. W5AWT | 48 | 86 | 18. KF5UN | 13 | 26 |
| 9. W5EIJ | 45 | 81 | 19. W5SRQ | 13 | 26 |
| 10. W5EFB | 39 | 69 | 20. KF5SB | 8 | 16 |
| AREA #6 | | | | | |
| 1. W6TKF | 108 | 206 | 6. KB6RKR | 34 | 64 |
| 2. W6FU | 91 | 173 | 7. N6SLE | 26 | 50 |
| 3. W6LII | 64 | 122 | 8. KI6OY | 19 | 36 |
| 4. K6PZE | 58 | 103 | 9. KK6WB | 4 | 8 |
| 5. WA6VLS | 35 | 67 | | | |
| AREA #7 | Q's | Pts | | Q's | Pts |
| 1. KF7JF | 120 | 222 | 3. N7AAL | 5 | 10 |
| 2. K7QXG | 111 | 200 | | | |
| AREA #8 | | | | | |
| 1. W8PJY | 57 | 106 | 4. WB8BUQ | 18 | 30 |
| 2. WV8B | 39 | 76 | 5. NY8E | 15 | 28 |
| 3. NBMEY | 23 | 44 | 6. NU8U | 4 | 8 |
| AREA #9 | | | | | |
| 1. AK9Y | 58 | 105 | 6. W9WYN | 13 | 26 |
| 2. KE9CX | 28 | 52 | 7. KD9XP | 11 | 21 |
| 3. W9ACU | 20 | 39 | 8. W9ETU | 10 | 20 |
| 4. W9ZGP | 15 | 28 | 9. KC9OZ | 11 | 19 |
| 5. K9KDD | 13 | 26 | | | |
| AREA #10 | | | | | |
| 1. K0WEX | 20 | 38 | 3. K00IR | 17 | 30 |
| 2. WB0RHR | 19 | 32 | 4. N0IZZ | 16 | 30 |

CHAPTER COORDINATORS DESK.....
by Hugh WA4QZU

ARLINGTON... Bravo Zulu to the RTX Chapter - a super Convention because of your hard work. Upgrades on Electric City, Texas Longhorn, Prince of Pork, Great Lakes, Zodiac, Golden Spike, RTX, Niantic Bay, Okie Relay, Teachers Pet, City of Roses, SHOT, Battle Road, Sky Blue Waters and Smoky Hill Trail. If I left any out, send me my number and I'll include in the next issue. MORE ARLINGTON... I am pleased with the Board's response to our mutual problems and trust you are, too. Now, let's hear some positive statements. Aren't we tired of hearing "dictator, sue, impeach, etc."

AFFILIATED... Turin North Western DX Chapter, Arlington Chapter, Ten-Ten Caribbean

REAFFILIATED... Michigan Water Wonderland, Chief Seattle and Lake Simcoe on probation. The Choctaw Bay Chapter (formerly Billy Bowlegs) is reaffiliated but not on probation as it was QRT before the QR req.

NO LONGER AFFILIATED... Baby Doll, Beaver Valley, Devil's Triangle, Orange Juice and Senator Dirksen.

IN EXTREMIS... City of Roses, Dallas Cowboys, Great Lakes, Keystone, Mardi Gras. I need a QR by 5 Sep. Billy the Kid has requested inactive status pending a search for a new CH and CM. If there is no activity for 1 year from the last QR, I will revoke affiliation.

FAREWELL... to God's Country. Cecil and Dave couldn't keep the nets going with their limited time. Upgrades will be honored until this notice is published. NW8F sends his thanks to all who participated. Cecil, I would go to a DX country you don't have just to work you again. Vaya con Dios!

POT POURRI... We are not judged by number of contacts or points or size of list - so why cheat? Enthusiasm is contagious - Battle Road avgs 40-50 chekins per net - must be a virus! If you don't want to be the moderator at the Dayton Forum in 1992, at least make some suggestions about content - HELP! Seems to me the way to cure illegible/incorrect upgrade requests is to return them unprocessed with a note stating why - and don't return material if insufficient postage was sent - strong Chapters will not suffer if they are strict - but, you don't have to agree with me! QRs are updated frequently - if you don't have one with a revision date in the lower left corner, please send sase for copy (but use up those on hand first if you like) - just minor revisions since 11/89 - and "tnx, I needed that" to the CH/CM who said "filling this out is easy - how come so many can't seem to do it???". Cradle of Liberty celebrates 15th yr in Aug. Cowtown Roundup - want to contact all C's from 77/78. MAINE-iacs net has 2 VIP#s, many cts for "Islands on the Air" award sponsored by RSGB and lots of talk about, ships, seafaring, etc. According to KD5DE, those waiting for Teachers Pet certs or upgrades should have them by the time you read this. CM was behind due to a series of misfortunes.

WHAT'S NEW.....

ARLINGTON (VA not TX)(KN4ZG) - eff SUN 19 May on 29.200MHz at 1300z and 2300z S, 1400z and 2359z W - purpose is to utilize high end of 10 - all who check-in will receive cert for 9x12 SASE or equivalent for DX

BATTLE ROAD - Chg cert cost to \$2 and no FC

BOOMTOWN - Eff when you receive this bulletin, basic req 4cts inc 2 CM/HCM, or 1 CM/HCM plus 500 pts.

BREAKWATER (N8DOQ) - Eff 1 June upgrade structure will be reduced to

Points, OM/XYL Teams, 300-500-1K #s, and Anchor. Those will be only valid #s for future specials also

CHIEF SEATTLE (W7QMP) - Basic req 5pts or 1Q, 2 ups, cost is \$1+SASE - daily net 0400z 28.625

CHOCTAW BAY (WD4HDS) - Last known reqs for Basic were 15pts inc 1 C (C=5 L=4 FS=3 O=1) - Certs were \$1+2FC - I was not informed of changes - net SUN 2000z 28473

COLORADO BIGHORN (K0PVI) - new CM - add P. O. Box 112 Watkins CO 80137 - reqs for all certs are unchanged but eff 1 June pts are assigned each designator and cert, details are lengthy so why not upgrade and learn your pt value and new rules or send #10 env + sase - new WAC award, work CBH mbrs on 6 conts, \$5 - Counties Award eff 15 August, work CBH member in or representative in all 63 counties, WCs are assigned for counties w/o a CBH member, basic for 5 counties, 2+2, =100pts

CROSSROADS VILLAGE (N8BYN) - Cost of Basic is \$3, no FC - certs no longer issued for 1st and 3rd ups so cost of all ups is SASE or \$1 for DX

CYPRESS - discontinuing THU 28465 net due to death of NC - N4JCS

DELAWARE VALLEY (WA2VPG) - ops on assigned freq and on 28360 informally for novice/tech

DOWN UNDER (ZL1KQ) - 28430 net is QRT - to save postage all upgrade info will be returned by surface mail and nos and pts returned by aerogramme - Basic is now 2 C or 2 HC or 1Q, \$3 - new pt val, Ten Sq=10 Silver Fern=20 Bridge=25 - get ur new value by net checkin or upgrading or letter with \$1 postage

ERIE EXTENSION CANAL - net changed to MON 28330 at 2359Z

IMPERIAL DRAGON (VK3PDG) - cost of Basic is now \$4 - net is SUN(AUS) SAT(USA) 1010z

LAKE SIMCOE (VE3RG) - net SUN 28400 1800z 1900z - same req and cost

LAND-O-LINCOLN - new endorsement prog eff with cts after 1 JUL - WAS, WAC, DX(25 countries), International (for ea 100 cts), VIP(50 pts), WASYL, Rag Chewer(30 minutes), Spelling Bee(collect Call Signs with last letters spelling "Land O Lincoln Illinois Ten Ten Chapter Award" - 38 stations, no dupes, QSLs required) Ed. Note - QSL req will drastically reduce participation.

MICHIGAN WATER WONDERLAND (WB8SCX) - new CM add. 23210 Manistee Oak Park MI 48237 - basic and Piker are only certs available - Piker is 10cts with upgrades for ea 10cts thereafter, sase+FC or DX equivalent

PARROT (N8DCQ) - New CH/CM is N8DCQ due to K8BFON and K8BS becoming SKs.

REPUBLIC of TEXAS (NN5Y) - Visa Award Prog eff 7 JUN - awds at 600, 700, 800, 900 and 1010 pts.

RHONE ALPES (F61RG) - new CM add Lolette, 38270 Revel Tourdan, France - RTTY and Packet nets are cancelled

STEAMBOAT (KD5DE) - Crazy Conv Contest 1 Jun-30Nov, +1 for ea Steamboat, Lee, LeeWC, Lee Grand, Gypsy and 1/2 Gallon (max of 6 pts) - total pts given to one of ur current certs or banked - CM will not fill in missing #s for you (I agree)

STEEL CITY (AJ9C - basic, ND9Y - other) - runs specials every month, checkin to learn rules

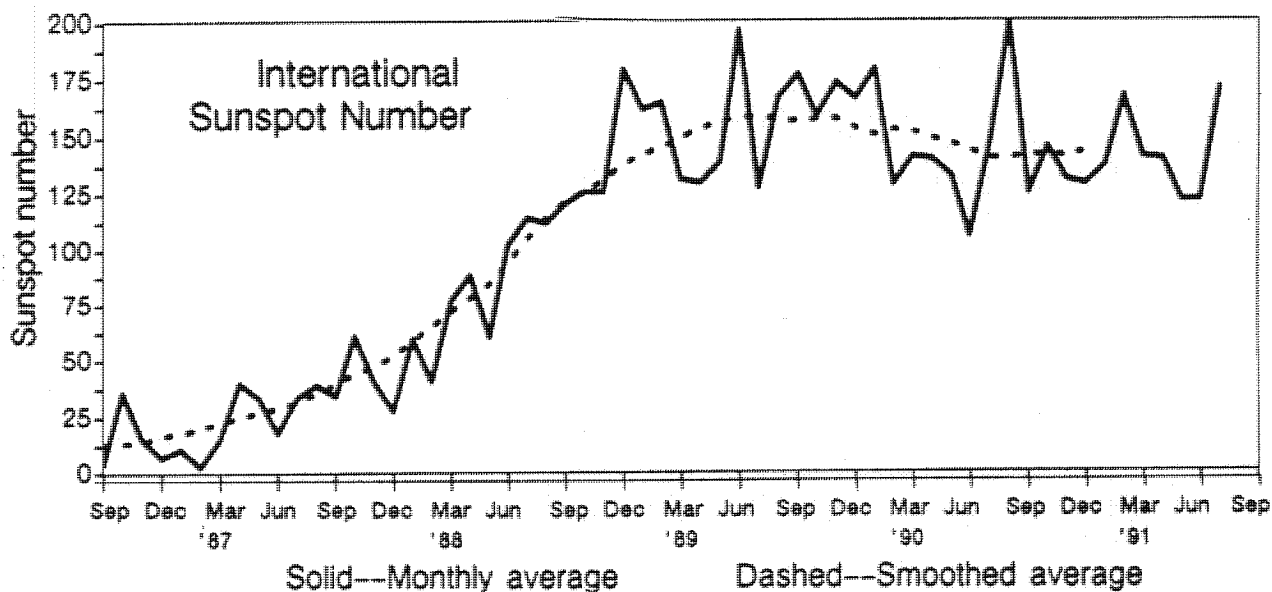
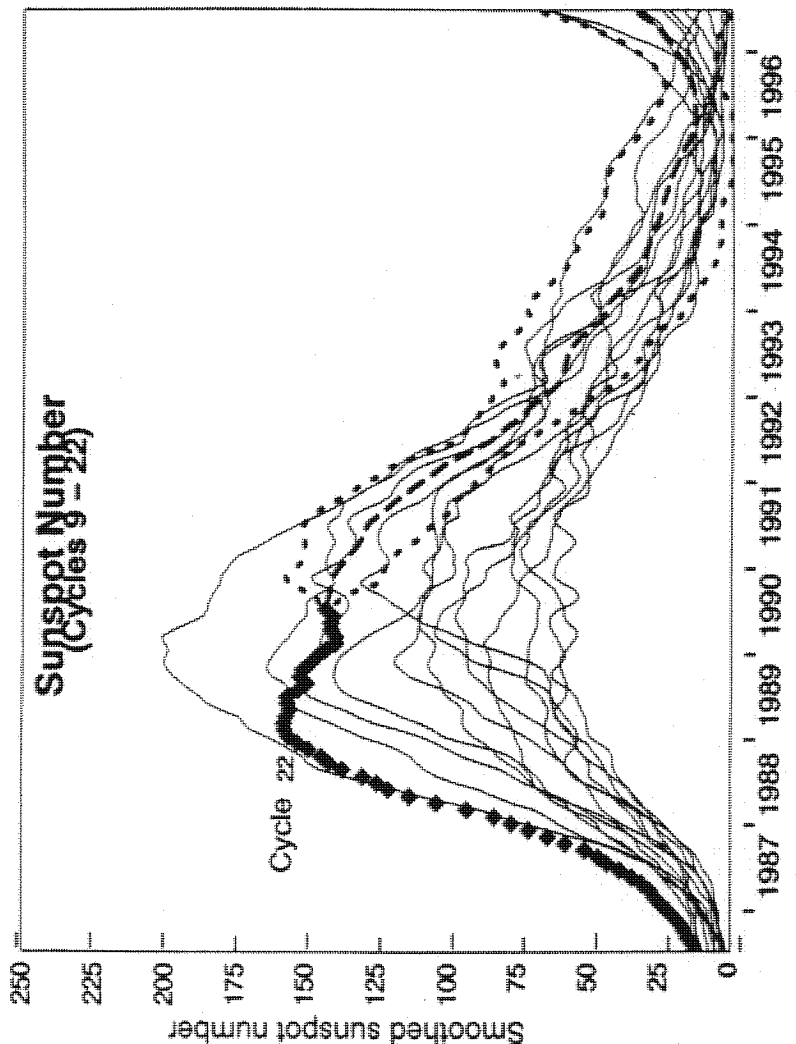
TEN-TEN CARIBBEAN - will start in October - commemorates the 500th anniversary of Columbus' voyage - net FRI 28310 0000z - 3 ships of the Columbus type will trace the original route and arrive on the Gulf Coast later in 1991, in San Juan in June 1992, New York on 4 July and return to Liverpool - ham radio is scheduled for each of the ships - the Puerto Rico Amateur

Radio League is the sponsoring organization of the new Chapter and is a Special Service Club of the ARRL - a nice cert is designed and will continue after the celebration - req ct with 10 participating KP/NP/WP stations - cost is supposed to be postage only

TURIN NORTH WESTERN DX CHAPTER - net SAT 1300z 28425

WIREGRASS PEANUT PICKERS (W4PNC) - Basic now 2+2 and WAS 1+2

OUT OF SPACE, BUT... WA5EXY, Al, makes some good points in a letter: 10 meters is more like CB every day with people so vindictive and naming names, don't ask people to leave nets, let someone else get a FS once in awhile, listen for DX and mobiles, and use that energy to get new members. Apologies if I left anything out but I haven't been home in three weeks and trying to use a laptop instead of a color VGA. Who's spoiled!





Ten-Ten International Net, Inc.

Monitoring 28,800 KHz—Daily Except Sunday

TEN-TEN COUNTY HUNTER'S AWARD

| <u>CALL</u> | <u>CERT #</u> | <u>CALL</u> | <u>CERT #</u> |
|-------------|---------------|-------------|---------------|
| NØALC | 69 | WA8PNC | 111 |
| KA8SHZ | 70 | KB9ARA | 112 |
| N8FU | 71 | KA1UAQ | 113 |
| WA6KCU | 72 | ZL1KQ | 114 |
| W1SIX | 73 | VK3YU | 115 |
| W5ELJ | 74 | GM4VPB | 116 |
| N4VFC | 75 | WA5BBR | 117 |
| N3BQS | 76 | KBØON | 118 |
| KH6DRT | 77 | KB9IU | 119 |
| WA3GFM | 78 | KF9DI | 120 |
| N8LTM | 79 | N4QAI | 121 |
| WB5TPN | 80 | WB4ETH | 122 |
| KBØGDI | 81 | K4HAV | 123 |
| VK4QN | 82 | CT4UW | 124 |
| DL8YBM | 83 | VE1REC | 125 |
| WA5EXY | 84 | VE1JIM | 126 |
| N5OAT | 85 | WB6GDI | 127 |
| W1KBV | 86 | KA6GPC | 128 |
| AF5W | 87 | K5MRU | 129 |
| KB6SWI | 88 | K4UTY | 130 |
| KB6SWH | 89 | | |
| WBØGKG | 90 | | |
| WB1DBZ | 91 | | |
| KA1FUE | 92 | | |
| KBØFMM | 93 | | |
| WD6CKT | 94 | | |
| GMØGMI | 95 | | |
| W5SGA | 96 | | |
| WB6PCC | 97 | | |
| KC6LBB | 98 | | |
| W9WYN | 99 | | |
| W5AWT | 100 | | |
| K2QZ | 101 | | |
| WB6MSE | 102 | | |
| PJ2WG | 103 | | |
| ZL2BDF | 104 | | |
| G3WRD | 105 | | |
| KD6JC | 106 | | |
| NØJID | 107 | | |
| KBØFFM | 108 | | |
| VE5BCS | 109 | | |
| NØHFS | 110 | | |

COUNTY HUNTER'S UPGRADES

| <u>200</u> | <u>300</u> | <u>400</u> | <u>600</u> |
|------------|------------|------------|-------------|
| PY4VD | PY4VD | W6PGM | WA80XS |
| KA8SHZ | KA8SHZ | PY4VD | WB5SKQ |
| W6PGM | KB0AOU | K0PVI | K1WQU |
| K4NF | N7KRS | AF5W | KC9OZ |
| N3BQS | W6PGM | AA4UF | WA5EXY |
| AF5W | N4VFC | WA5EXY | <u>700</u> |
| WA3GFM | AF5W | W7IDZ | WA80XS |
| KA7ICF | W1SIX | WB1DBZ | K1WQU |
| W1SIX | AA4UF | N7KRS | WB5SKQ |
| K5MOF | KB0EOV | <u>500</u> | <u>800</u> |
| W6JGS | WB1DBZ | WB5SKQ | K1WQU |
| AA4UF | KE9MA | N8FU | <u>900</u> |
| WA5EXY | KA6PEU | K0PVI | K1WQU |
| WB1DBZ | WA5EXY | K1WQU | <u>1000</u> |
| W7IDZ | WB6IJY | PY4VD | K1WQU |
| DL8YEM | AH6CG | W6PGM | |
| AH6CG | WD6CKT | AF5W | |
| WB6MSE | W4ZAA | AA4UF | |
| WD6CKT | W7IDZ | KA7ICF | |
| VK4AU | W6JGS | KC9OZ | |
| ZL1KQ | W5EIJ | PJ2WG | |
| W4PNC | VK4QN | WA5EXY | |
| KB0ON | | | |
| ZL2BDF | | | |
| VE1JIM | | | |
| VE1REC | | | |
| VK4QN | | | |
| W5EIJ | | | |
| W4ZAA | | | |
| N4VFC | | | |

NEW VP NUMBERS BY K7OMK

| | | | | | |
|------|--------|-------|------|--------|-------|
| 2413 | VE1REC | 54966 | 2432 | ON6DP | 25985 |
| 2414 | KB7DWJ | 46287 | 2433 | N8LTM | 56609 |
| 2415 | KB8IC | 54123 | 2434 | F1HNO | 49138 |
| 2416 | CT1BBJ | 18410 | 2435 | N5PTR | 57105 |
| 2417 | AD5O | 11865 | 2436 | F6IRG | 39399 |
| 2418 | I2YYO | 18465 | 2437 | IK2PZG | 42066 |
| 2419 | N5HHY | 49340 | 2438 | CT4UW | 35051 |
| 2420 | F04NR | 23464 | 2439 | JH1BSE | 50441 |
| 2421 | KG5QX | 55871 | 2440 | KC6LKB | 56459 |
| 2422 | KC4ERW | 50795 | 2441 | WA6RWH | 51800 |
| 2423 | W4TKI | 4891 | 2442 | KB4UQM | 53033 |
| 2424 | AA7AM | 55672 | 2443 | N7LKQ | 50214 |
| 2425 | WB8RJW | 28510 | 2444 | N0KSE | 53999 |
| 2426 | W4AXB | 55168 | 2445 | KB6OLZ | 43580 |
| 2427 | VE2QK | 42050 | 2446 | KA1OZD | 55044 |
| 2428 | KC4TAR | 57540 | 2447 | KF0MI | 51711 |
| 2429 | N3FBX | 46948 | 2448 | KC4RUK | 57071 |
| 2430 | VE5BCS | 42027 | 2449 | N5ERJ | 01525 |
| 2431 | W5SCA | 54806 | 2450 | N4ZNH | 56919 |

TEN-TEN INTERNATIONAL NEWS

COUNTRIES AWARD

UPGRADES- 06/91

| BASIC -25- | -65- | -105- |
|------------|-----------|----------|
| 375 KF9B | 61 KC5AC | 13 W9WYN |
| 376 KB9EFD | 62 F1HNO | 14 W5EIJ |
| 377 WA9RIJ | 63 VE4ROY | |
| 378 G4MBT | 64 DJ4BE | |
| 379 I1LNU | 65 KA3HLP | -125- |
| 380 KB2GLO | 66 AF5W | |
| 381 KA2PPD | | 04 N1API |
| 382 ZL1LE | -75- | |
| 383 IK2DUW | | -130- |
| 384 NE7U | 40 KD2CP | |
| 385 N7JXS | 41 F1HNO | 03 N1API |
| 386 KC4PMS | 42 K4PX0 | 04 PJ2WG |
| 387 KB9ALG | 43 DJ4BE | |
| 388 KA1UAQ | | -135- |
| | -80- | |
| -35- | 29 DJ4BE | 03 PJ2WG |
| 202 KB2GLO | | -195- |
| 203 W1KBV | -85- | |
| 204 K3HZI | | 01 KC5CP |
| 205 VK3YU | 26 AE2L | |
| | 27 WDBNPF | -200- |
| -45- | 28 DJ4BE | |
| | | 01 KC5CP |
| 145 KA9KTY | -90- | |
| 146 N3HHE | | |
| 147 KD5ZD | 18 AE2L | |
| 148 N5OEF | 19 DJ4BE | |
| 149 KA1FUE | | |
| | -95- | |
| -55- | 17 AE2L | |
| 93 WB0YEA | | |
| 94 IN3ANE | -100- | |
| 95 KA2ANF | | |
| 96 DJ4BE | 16 IK6DPW | |
| 97 KA3LHP | | |
| 98 W7KDI | | |

1 0 - 1 0

A W A R D S

10-10 INTERNATIONAL NET, INC.

WORKED ALL CONTINENTS AWARDS

Chuck Imsande, W6YLJ, WAC Manager

Worked All States Awards by KA1CAD

| CERT NO. CALL | 10-10 NO. | | |
|------------------|--------------|------------|-------|
| | | 312 KA3HZI | 53465 |
| | | 313 KP4CKY | 21891 |
| | | 314 WA4TKN | 33448 |
| | | 315 KA1VHK | 56561 |
| | | 316 KB9EFD | 55937 |
| 301 WB4BMM | 46483 | 317 N3FBX | 46948 |
| 302 KB6SAD | 57945 | 318 W5PKE | 52181 |
| 303 N7JXS | 48927 | 319 CT1BBY | 18410 |
| 304 K6DMN | 18650 | 320 WA9RIJ | 46715 |
| 305 KK6AW | 54762 | 321 KA9YTR | 48248 |
| 306 N1AMX | 53356 | 322 VK6PP | 38922 |
| 307 NE7U | 42206 | 323 WA3BZT | 44101 |
| 308 K0HOF | 51003 | 324 W4AXB | 55168 |
| 309 N5OEF | 53227 | 325 KB0FFM | 55241 |
| 310 K6GCF | 53767 | 326 WB2LOS | 49752 |
| 311 WB2RQX | 30888 | 327 CT4UW | 35051 |
| | | 328 N1IJU | 57845 |

| | | | |
|------|------------|------|--------|
| 2074 | N1HAQ | 2082 | KB0FMM |
| 2075 | K1STB | 2083 | W5PKE |
| 2076 | N0HFS | 2084 | N4VGY |
| 2077 | WA8ZNM/HH2 | 2085 | AA5WC |
| 2078 | KB8BYD | 2086 | KE7DWJ |
| 2079 | N3BQS | 2087 | KB5JVQ |
| 2080 | KB2HQE | 2088 | VK5NDB |
| 2081 | N0HOL | | |

VP Awards by W4NWP

VP-100

#201-WB0ADI
202-WA6HOY
203-F6IGF
204-K6IQY
205-WB6MSE

VP-200

#79-K9EHP
80-K3TUJ

VP-300

#38-K9EHP
39-N6VGI

VP-400

#28-CE3AF

VP-800

#8-W4NWP

VP-900

#5-N8GFI

VP-1000

#4-VE4ROY

VP-1300

#1-PJ2WG

Top Ten by N5EBA

| | | | |
|-----------|--------|-----------|--------|
| 1. WA5JDU | 19,800 | 6. N7KRS | 12,700 |
| 2. W0RWC | 18,700 | 7. WA9LIC | 11,600 |
| 3. K5MRU | 15,500 | 8. N5CUQ | 11,300 |
| 4. PJ2WG | 15,000 | 9. WB7NUU | 11,000 |
| 5. WB1DBZ | 13,700 | 10. W4WKQ | 10,500 |

1000 Bar and Over by N5EBA

- 1000 -

- 1000 -

- 2500 -

- 5000 -

| | | | |
|-------------|-------------|------------|-----------|
| 1193 KA1CCG | 1202 N3HHE | 302 KC1FY | 56 WB0VBW |
| 1194 KB0AQU | 1203 N7JXS | 303 WA4QHQ | |
| 1195 K9RKU | 1204 I3UBL | 304 KB7EQW | |
| 1196 KB7GFB | 1205 AK9Y | 305 DL8YBM | |
| 1197 WD5GSG | 1206 WB0CON | 306 KD5DE | |
| 1198 F1HNG | 1207 N7JSF | 307 K8DHK | |
| 1199 AA6EW | 1208 F6IRG | 308 K0PVI | |
| 1200 KB0ADI | 1209 T77V | 309 F6IRG | |
| 1201 KB0GDI | 1210 ON6DP | 310 W2HRW | |

SILENT KEYS (December 1990 - April 1991)

00199 - WILFE - Eugene V. Cain, Crystal River, FL
 00516 - WA4PRP - Floyd F. Backus, Richmond, VA
 00567 - W2KJN - Anton W. Bjornstad, Beechhurst, NY
 00571 - W1FFT - Warren (Newsy) Newhall, Saugus, MA
 01821 - W3HCE - James T. Conner, Ocean City, MD
 01846 - W9NAG - William V. Zorbrist, E. Peoria, IL
 02573 - WB2MNO - George E. Kaffenberger, Gibbsboro, NJ
 02635 - WA0UEN - Fred W. Lehmann, Sr., Rapid City, SD
 03255 - WA6OXO - William E. Stem, Huntington Beach, CA
 03264 - WA8ZUD - William E. Gourieux, Livonia, MI
 04169 - ZL3RK - T. J. (Mac) McKenzie, Christchurch, NZ
 04718 - W1BHR - Arthur W. Lee, Brunswick, ME
 04955 - W6JZ - Ned Culler, Pasadena, CA
 05303 - W8JKM - Michael R. Cerven, Grayling, MI
 05578 - N4MWT - Harold B. Bradfield, Newton, NC
 05690 - K3QAP - Richard B. Forde, Columbia, MO
 06371 - W6JQ - Charles R. Rowe, Laguna Hills, CA
 06671 - W4LFZ - Walter A. Rundquist, Gulfport, FL
 07006 - WB9FNR - Paul G. Hoffarth, Peru, IN
 07384 - W7IHR - Percy F. Dykeman, Green Valley, AZ
 07803 - W0GCN - Benjamin F. Dickerson, Colorado Springs, CO
 08170 - W5QF - Ray F. Youngmeyer, Tyler, TX
 08978 - W1JJR - John T. Rameika, Port Orange, FL
 09161 - W4GL - Edward G. Swann, Sumter, SC
 09897 - K0OMO - George H. Boerner, Minneapolis, MN
 10544 - W5BXC - John T. Turner, Oklahoma City, OK
 10810 - K4CM - Nathaniel L. Mower, Springfield, VA
 11122 - K4AM - John E. Abel, Arlington, VA
 11432 - WA9MAE - Herb Goerner, Wauconda, IL
 11484 - K1VMX - Donald A. Radman, Norwalk, CT
 11727 - W5TQW - Edward B. MacFaul, Mission, TX
 12226 - K4ZUY - Jack L. Hale, Memphis, TN
 12901 - WB9RBC - A. C. Ramage, Princeton, WI
 13030 - WA6EEP - Grant S. Black, Clinton, WA
 13196 - W4NJS - Carlton Schoen, Winston-Salem, NC
 13590 - W4LRP - Alfred W. Legg, Zephyrhills, FL
 13953 - WX0D - J. R. Comer, New London, MO
 14089 - K2POA - Arthur B. Johnson, Baldwin, NY
 14289 - KB0CN - Robert H. Christman, Clearview City, KS
 15590 - WB5UXL - Jack H. White, Sr., Houston, TX
 15893 - K00T - Mark C. Wakefield, Thornton, CO
 17580 - N4KZ - Dwight P. Keller, Sun City Center, FL
 19732 - W6FAG - M. Wayne Camblin, Fresno, CA
 20549 - K1JOD - James H. Wilde, Tiverton, RI
 21578 - WR2Q - Gerald A. Lubrant, Gibbsboro, NJ
 21754 - W4FGX - Louis C. Bergmann, Savannah, GA
 22653 - W0YXK - Elvin B. Chapman, Fort Dodge, IA
 23020 - WD4NDQ - James A. Darrock, Montgomery, AL
 23629 - WN5EAT - Otho P. Rink, Dallas, TX
 24837 - K4NZC - Earnest L. Clark, Newberry, SC
 25147 - W0YZH - Michael A. Jakobek, Hamel, MN
 25605 - WB6DWV - Bert Salisbury, Vallejo, CA
 25669 - KA6AOS - Leonard B. Shadle, San Jose, CA
 26799 - W4FYB - Havard T. (Tate) Rawlinson, Dothan, AL
 26955 - W7HNP - Harry C. Lein, Bremerton, WA

27860 - KA7ADY - William J. Frey, Billings, MT
 29396 - W2RSL - Samuel A. Caputo, DeRuyfer, NY
 29698 - W1DQH - Richard A. Mahler, Danbury, CT
 30518 - W3NGN - Russell J. Woodrow, York, PA
 30566 - WA3ZPL - Clifford H. Knapp, Pittsburgh, PA
 30805 - W2BMN - Francis E. Albright, Utica, NY
 31013 - WD5CLB - Lehman N. Wilder, Duncan, OK
 31183 - KQ9V - Martin W. Janci, McHenry, IL
 31251 - WD4BBE - Stuart C. Welsh, Richmond, VA
 32117 - N3AMX - Bill Johnson, Baltimore, MD
 32316 - WB4RVJ - Walter Peterson, Cooper City, FL
 32342 - WD4GAX - William Elbert Long, Saluda, SC
 32599 - KO1M - Frank Comfort, Medford, MA
 32684 - N6DPX - Robert C. Miller, San Diego, CA
 33100 - WA9TQD - Fred D. Brunk, Marion, IN
 33112 - KE9WQ - Albert K. Johnson, DeKalb, IL
 33634 - VE3LQO - L. H. Mewett, Powhassan, ONT
 35743 - WB4JNQ - Adair A. Ely, Alexandria, VA
 36332 - W2EHN - Ellis W. Emery, Lavalette, NJ
 36347 - NG2F - Robert L. Ferguson, Monroe, NY
 36475 - N4GQ - Jack G. Renaud, Mary Esther, FL
 37416 - KA3IDY - James E. Bush, Clinton, MD
 37565 - NS2M - Matthew J. Gorski, Lancaster, NY
 39031 - K6BRV - Jack W. Newport, Pasadena, CA
 39851 - NK9X - Eldon J. Mueller, Madison, WI
 40069 - N5HAP - Ray M. Watson, Springdale, AR
 40421 - W1CET - Warren A. Wick, Waldoboro, ME
 40476 - K1L1BL - John A. Cimorelli, N. Providence, RI
 40570 - W2LFL - Harold V. Smith, Hendersonville, NC
 40650 - W0OSQ - F. Robert Berg, Dutzow, MO
 41764 - W1UIQ - Warren East, Port Richey, FL
 42772 - WB8IYZ - Carl W. Lang, Kalamazoo, MI
 42828 - WB6ITV - James Gable, Sr., San Jose, CA
 43341 - KA9TZW - Thomas H. Gunter, Sesser, IL
 43361 - KA9RMZ - Russell W. McCoy, Terre Haute, IN
 43659 - K5HMB - Doyle W. Morgan, Orange, TX
 43693 - W5VUC - Dewitt E. Harvey, Pasadena, TX
 43952 - WB2AMX - Ralph W. Elspass, West End, NC
 44403 - KD9OK - Norbert F. Polakowski, Terre Haute, IN
 45743 - KB6LRL - Stephen D. Porter, Mill Valley, CA
 45936 - KA3KGZ - George A. Smith, Pottstown, PA
 46941 - N3FTA - Giuseppe Zambonini, Atlanta, GA
 46979 - N3GEE - James M. Kuerble, Clarks Summit, PA
 48216 - N9AGH - James E. Anderson, Madison, WI
 48566 - KB6ELS - Karin J. Furlow, San Jose, CA
 49237 - WB6HEA - Harvey E. Groves, Quinlin, TX
 50165 - N6RUG - Freda Wiley, San Bruno, CA
 50618 - K9BDJ - Yale L. Saffro, Skokie, IL
 50642 - N9DOD - Lewis T. Mabbitt, Indianapolis, IN
 51656 - N8AY - Mort Neff, Harbor Springs, MI
 51929 - KA9UXG - Thomas N. Towle, Fort Wayne, IN
 53097 - N4WBK - Eugene Banton, Rice, VA
 53403 - N3HIM - Adrian George Ewbank, Southampton, PA
 54355 - KN4HZ - Robert E. Bannister, Hopkinsville, KY
 56081 - N4YCV - Robert Armbruster, Leesburg, FL

SCHOLARSHIPS

10-10 is proud to sponsor two \$750.00 Scholarships each year to two deserving 10-10 amateurs. Applicants must hold at least an FCC Novice Class or equivalent foreign authorization. There is no restriction on the course of study, but applicant must intend to seek at least an Associates degree. There is no residence area preference; however the applicant must intend to seek a degree from an institution of higher learning in the United States. Applicant must be recommended by a current active member of 10-10.

Although 10-10 guarantees the funding of these two Scholarships, members are **encouraged** to make donations direct to The 10-10 Scholarship Fund by sending checks to the 10-10 Treasurer made out to "The 10-10 Scholarship Fund." Scholarship donations should not be sent to your District Manager.

Additional information and an application form can be requested either by letter or QSL card from:

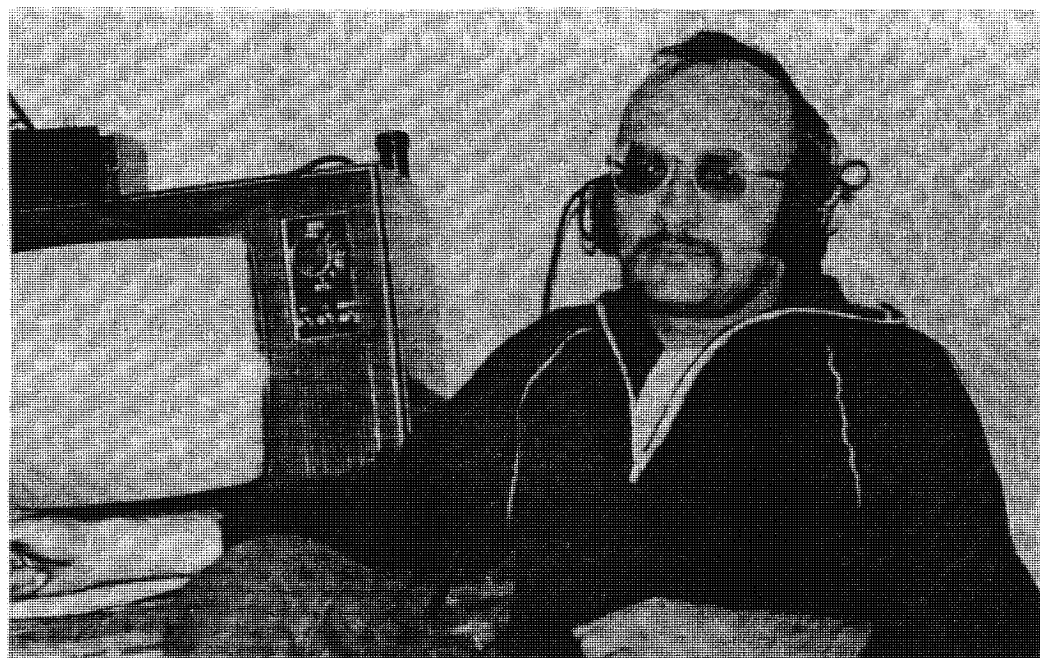
FAR Scholarships
6903 Rhode Island Avenue
College Park, MD 20740



Sunday afternoon door prize drawing at the Convention.
left to right Republic of Texas members -
Mavis N5JVN
Toney WA5JDM
Ray WD8JKV



Four Certificate Managers at Outlaw Get Together - (l to r)
 Robert - Bluebonnet WA5JDU
 Robert - Branding Iron KASVVD
 Ray - South TX Lighthorse Brigade NSDAS
 Bill - Outlaws on Ten WD5EDR



Sergey UW9GCE (N23428) at home in Pervouralsk, USSR.
 He's using a home brew setup and linear to produce 600 watts.
 Says Sergy, "Let me wish you all the very best. Also my kind
 regards to all members of 10-X Club. 73's"

MEMBERSHIP

Work 10 members. LOG each 10-10 number, call sign, operator's name and location. Send list to your numeric call sign or DX area manager, with \$5.00 U.S. new member registration fee. \$6.00 (foreign). Life and family memberships are available. See order form on page 31. You will be issued a certificate of membership as well as a permanent 10-10 number. You will receive the 10-10 International Net news publication mailed regularly to all full members.

AWARDS

To apply for ANY of the 10-10 awards listed below, proof of paid-up membership is MANDATORY. A copy of your membership card or address label from your copy of the 10-10 News must be sent with the award application.

BARS AND PLAQUES

Work 10-10 members with on the air 2 way communication, exchange numbers etc. Only 200 numbers per list may be submitted.

1. List numbers in numerical order, call sign of station worked, operator's name and location (QTH).
2. Submit only one list at a time. With the 500 BAR you are issued a VP #.
3. Include YOUR name, CALL, 10-10 number and state which 100 bar you are requesting.
4. Enclose with your list a 4X9" envelope self addressed and stamped with enough U.S. postage to return to you, if wanted.
5. 10-10 Bar applications Number 100 thru 900 are mailed to: Glen Harding, K7OMK PO Box # 133, Garden City, SD 57236. Bar applications Number 1000 and up as well as plaque applications are mailed to: Ed Neal, N5EBA, 1414 Hiawatha Ln., Burkburnett, TX 76345
6. A 500 bar certificate costs \$1. Plaques for working 1,000, 2,500, etc. cost \$5.00 U.S. currency postpaid.

COUNTIES AWARD

All contacts with 10-10 members on ten meters, exchange numbers etc. For complete rules, 10-10 COUNTY HUNTER Record book information application and Costs. Send SASE to: Award Manager: Alice Jenkins, NR4R, 1 Mitchel Lane, Rossville, GA 30741

INTERNATIONAL 500 OF THE WORLD

With the 500 BAR comes an Honorary VP number, membership in the International 500 of the world, and eligibility to go after the following two awards:

1. V.P. Certificate: For Members who work 100, 200, etc. other V.P. members. Normal number: exchange with no restrictions. Submit list in numerical order, VP #, 10-10 #, Call, Name, date and QTH. Make a statement that all contacts were made over the air and not copied from a certificate list. Proof of paid-up Membership. Send to: Hiram E. Wolf, W4NWP, 1: W. 37th St., Riviera Beach, Fl 33404.

2. Lucky 13 Certificate: Work 13 different V.P. members. Each contact MUST be in a different 100 kHz segment between 28.5 and 29.7 MHz. Forms and rules are available from Glen Harding, K7OMK, PO BOX 133, Garden City, SD 57236

WORKED ALL STATES (WAS)

Work and get QSL confirmation from one 10-10 member in each of the 50 states. For complete rules, application form and cost send a 4" X 9" SASE to: Susan Brackeen, KA1CAD, Rte 6 Box 151, Booneville, MS 38829.

COUNTRIES AWARD

QSL confirmation of QSOs with 25 or more 10-10 member countries. For complete rules, application form and cost send a 4" X 9" SASE to: Alan Sherman, K1AS, RR # 4, Box 422, Danielson, CT 06239.

WORKED ALL CONTINENTS

QSL confirmation of QSOs with a 10-10 member in each of the six continental areas. For detailed rules, application form and cost send a 4" X 9" SASE to: Chuck Imsande, W6YLJ, 18136 Bromley St. Tarzana, CA 91356.

OM/XYL AWARD

Work 10-10 Husband/Wife teams. For application Etc., Write to: Elaine Nickoloff, N8CBE, 538: E. Atherton Rd., Burton, MI 48519.

10-10 INTERNATIONAL AREA MANAGERS

ADVERTISEMENT

U.S.A.

| | | | | | |
|-------------------------------|--------------------|--------|-----------------------|-------------------|-------|
| 1st. Call area | Al Kaiser | N1API | 194 Glen Hills Rd. | Meriden, CT | 06450 |
| 2nd. " " | Larry Berger | WA2SUH | 9 Nancy Blvd. | Merrick, NY | 11566 |
| 3rd. " " | Chester Gardner | N3GZE | 9028 Overhill Dr. | Ellicott City, MD | 21042 |
| 4. KY, TN, FL, VA, NC, SC, | Rick Roberts | N4KCC | 7106 Ridgestone Dr. | Ooltewah, TN | 37363 |
| 4. GA, AL, P.R. | Jim Beswick | W4YHF | 112 Owl Town Farm | Ellijay, GA | 30540 |
| 5th. Call area | Grace Dunlap | K5MRU | (Oct to June) BOX 445 | LaFeria, TX | 78559 |
| 5th. " " | Grace Dunlap | K5MRU | (June to OCT) BOX 13 | Rand, CO | 80473 |
| 6th. " " | Dick Rauscher | W6ANK | 4371 Cambria Street | Fremont, CA | 94538 |
| 7th. " " | Willie Madison | WB7VZI | 10512 W. Butler Dr. | Peoria, AZ | 85345 |
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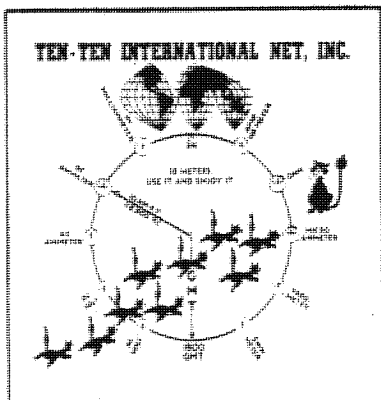
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