

# 10-10 INTERNATIONAL

# News

Volume 35 Issue 1

\$1.50

JANUARY 1997 (WINTER)

## The Dupe Sheet

By Garry Camaron, VE7ACM #30939

A Dupe Sheet is a cross reference sheet for quick determination of whether or not a station has been previously worked in a Contest. It can take one of a number of forms, depending on the Contest, and whether or not a computer is used.

A Computer Contest program designed for use in a common contest such as ARRL, CQ, etc., will, in addition to printing your log, produce a Dupe Sheet consisting of a list of callsigns worked, sorted alphabetically. Depending on the particular program, it may be further sorted by call area, or some other criteria.

A contest program designed specifically for 10-10 Contests will produce a Dupe Sheet which is a list of 10-10 numbers worked in numerical order.

10-10 Contest Rules state that a Dupe Sheet is required, but does not specify the form it must take, so either of the above is acceptable.

**NOTE:** "Computer Duping is Acceptable" does not mean that you don't have to include a Dupe Sheet, but that one of the above forms must accompany your log.

If you don't use a computer, the most popular form of Dupe Sheet is an 8 1/2 X 11" sheet, cross ruled into 100 rectangles. The rectangle in the upper left corner, is numbered "00", the next one "01" and so on, down to "99" for the rectangle in the lower right corner. These numbers represent the last two digits of a stations 10-10 number. The leading digits are penciled in when a Contact is made. Thus, when you work # 6100, simply write "61" in the rectangle marked "00", when your work # 50407, write "504" in the rectangle marked "07".

When the contest is over, go through your log line by line, filling in the Dupe Sheet as you go, and crossing out dupes as you find them.

*(Continued on page 5)*

## New CW Award Announced

The officers and directors are proud to announce the addition of an official Ten-Ten CW Award. The start date is January 1, 1997 and only contacts from that date are acceptable. As with other new certificates and according to the Operations Manual, we must publish news of this award and wait 120 days before certificates are sent.

There will be a drawing for the certificate numbers, corresponding with the applications received, by the awards manager on or before May 1, 1997. Information and rules may be obtained from Lee Zalaznik, K16OY #50948, 334 Olivina Ave., Livermore, CA 94550. Please enclose a #10 SASE. You may also e-mail to Lee at: lzlnk@ix.netcom.com. Basic certificate requires 25 contacts with Ten-Ten members. Cost will be \$2.00 US and \$3.00 DX.

You may start you collection of CW contacts as of January 1, 1997 but certificates and num-

*(Continued on page 4)*



Dave Summner, K1ZZ #4852, ARRL Executive Vice President, Chuck Imsande, W6YLJ #19636, 10-10 Vice President and Freid Heyn, WA6WZO #8011, ARRL Southwestern Division Director, discuss ARRL and 10-10 at the recent ARRL Southwestern Division Convention in Mesa, Arizona.

## OFFICERS AND DIRECTORS

|                      |  |
|----------------------|--|
| President .....      | Tom Henderson, K4CIH #33233                          |
|                      | 4901 15th Place E., Tuscaloosa, AL 35404-4522        |
| Vice President ..... | Chuck Imsande, W6YLJ #19636                          |
|                      | 20815 Desert Sands Dr., Sun City West, AZ 85375-5446 |
| Secretary .....      | Dave Prichard, KA5OVO #37297                         |
|                      | 16314 Thunderbay Dr., Houston, TX 77062-5111         |
| Treasurer .....      | Keith Schlottman, K17RK #63324                       |
|                      | 9581 E. Calle Cascada, Tucson, AZ 85715-5819         |
| Director .....       | Linda Barnes, KJ4FM #43299                           |
|                      | 310 Sequoyah Dr., Kingsport, TN 37660-3742           |
| Director .....       | Garry Cameron, VE7ACM #30939                         |
|                      | 3528 11th Ave., Port Alberni, B.C. V9Y 4Y7 Canada    |
| Director .....       | Mike Elliott, KF7ZQ #54625                           |
|                      | 9832 W. Gurdon Ct., Boise, ID 83704                  |
| Director .....       | Tom Michaelson, N0MT #55241                          |
|                      | 901 Starview Ln., Lincoln, NE 68512                  |
| Director .....       | Bill Howe, VK4WBH #22187                             |
|                      | 13 Fritz St., Loganlea, Queensland, 4131 Australia   |
| Director .....       | Pete Matson, KC1CP #37190                            |
|                      | 73 S. Edgewood Rd., Niantic, CT 06357-2036           |
| Director .....       | Dick Russell, K6SSD #62500                           |
|                      | 10537 Peacock Cir., Midwest City, OK 73130           |
| Director .....       | Ed Redwine, K5ERJ #11843                             |
|                      | 9 Yellowrose Lane, Augusta, KS 67010-2230            |
| Director .....       | Bob Ryan, K6YVG #18022                               |
|                      | 26409 Doveweed Way, Santa Clarita, CA 91350-2647     |
| Director .....       | Joe Williams, WA9TSG #310                            |
|                      | PO Box 93181, Milwaukee, WI 53203-0181               |

## NET OFFICIALS

|                             |  |
|-----------------------------|--|
| Award/Cert. Guide Mgr ..... | Linda Barnes, KJ4FM #43299                             |
|                             | 310 Sequoyah Drive, Kingsport, TN 37660-3742           |
| Chapter Coordinator .....   | Dave Smith, WB6RDK #65812                              |
|                             | 1349 Vernon Terr., San Mateo, CA 94402-3331            |
| Contest Manager .....       | Don Ziellinski, K0PV #9902                             |
|                             | PO Box DX, Genoa, CO 80818-0119                        |
| Editor & PR Manager .....   | Chuck Imsande, W6YLJ #19636                            |
|                             | 20815 Desert Sands Drive, Sun City West, AZ 85375-5443 |
| Historian .....             | Morrie Goldman, W6EHM #4189                            |
|                             | 21518 Marjorie Ave., Torrance, CA 90503-6418           |
| Information Manager .....   | Mike Elliott, KF7ZQ #54625                             |
|                             | 9832 W. Gurdon Court, Boise, ID 83704-4080             |
| Internet Coordinator .....  | L.B. Cebik, W4RNL #41159                               |
|                             | 1434 High Mesa Drive, Knoxville, TN 37938-4443         |
| Net Manager .....           | Nat Green, 8P6SA #45858                                |
|                             | Welches Terrace, Saint Michael, Barbados               |
| Scholarship Manager .....   | Morrie Goldman, W6EHM #4189                            |
|                             | 21518 Marjorie Ave., Torrance, CA 90503-6814           |
| SK Manager .....            | Grace Dunlap, K5MRU #218                               |
|                             | PO Box 445, La Feria, TX 78559-0445                    |
| Supplies .....              | 10-10 International Net, Inc.                          |
|                             | 643 N. 98th Street #142, Omaha, NE 68114-2332          |

**AWARD MANAGERS** ..... Listed on page 30

**MEMBERSHIP INFORMATION** ..... Listed on page 31

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**10-10**  
**INTERNATIONAL**

*News*

EDITOR

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The **10-10 International News** is published four times annually by the **TEN-TEN INTERNATIONAL NET, INC.** Publication dates are approximately mid January, April, July and October.

**DEADLINE FOR NEXT ISSUE**  
**March 1, 1997**

Each paid-up member receives a copy. This is an independent publication. Permission to reprint is hereby granted, providing suitable credit is shown.

News items should be sent to the Editor. Technical articles and information on all 10-meter activities or news are welcome and solicited. All copy submitted must be typed, sent on computer disk or via E-mail. Suitable formats will be provided upon request.

Photographs are encouraged. Black and White or Color are acceptable. Include complete information on the back of each photo. Attach a label or other suitable paper to the back of the photo and write all information on the label, not the photo.

10-10 Chapter activities and reports should be sent to the Chapter Coordinator, Dave Smith, WB6RDK #65812, 1349 Vernon Terrace, San Mateo, CA 94402-3331.



Member  
**AMATEUR RADIO**  
**NEWS SERVICE**

### 10-10 NET CONTROL STATIONS ALL NETS BEGIN AT 1800Z

|                          |                                   |
|--------------------------|-----------------------------------|
| Monday (28.380) .....    | Dick, K6PZE #1341                 |
| Monday (28.800) .....    | Harold "Scotty" Scott, WA6TQC #71 |
| Tuesday (28.380) .....   | Bob, AD4DQ #57471                 |
| Tuesday (28.800) .....   | Nat, 8P6SA 45858                  |
| Wednesday (28.380) ..... | Christine, N7PVL #58018           |
| Wednesday (28.800) ..... | Louise, N6ELK #36654              |
| Thursday (28.380) .....  | Bill, AA6ZW #62075                |
| Thursday (28.800) .....  | Bill, WB6OMH #6608                |
| Friday (28.380) .....    | Jimmy, AE4NA #66957               |
| Friday (28.800) .....    | Sherm, K6PTF #17977               |
| Saturday (28.380) .....  | Ed, KC4RIY #58203                 |
| Saturday (28.800) .....  | Al, W6RNX #92                     |
| Sunday .....             | "NEVER ON SUNDAY"                 |

## President's Message

Tom Henderson  
K4CIH #33233



I sure hope all had a great holiday season. Jean and I wish you the best for the upcoming year.

I have received a report from the committee I appointed to look into the centralization of all membership services. The committee made a detail study and recommends that the services involving new memberships, renewals and data base operations be located at a central location. Not only will this result in monetary savings to Ten-Ten it will also decrease the time for response to the membership. The replacement of the Area Manager may result in the appointment of a volunteer Ten-Ten Area Representative or Area Information representative. This is still in the study phase, and will receive Board attention at the next meeting. We are NOT trying to do away with volunteers, but rather streamline the membership process, reduce costs and increase service. The committee report was sent to the Officers and Directors and a vote was requested. The Officers and Board of Directors voted in favor of centralization starting January 1, 1997. Therefore, as of January 1, 1997, all U.S. and possessions will send new member applications and renewals to: 10-10 International Net, Inc., 643 N 98th Street #142, Omaha, NE 68114-2342. What this means is that there will be NO more US Area Managers. DX members will continue to send their New Member applications and renewals to: the DX Manager, Carol Hugentober, K8DHK as before. I personally want to take this opportunity to thank each of our Area Managers for the fine job they have done over the years. The Area Manager with the longest service has been K5MRU, Grace Dunlap. She has served 10-10 in this capacity since 1973. That's 23 years folks. That is dedication and we all need to send our thanks to her. Grace will continue as our SK Manager. Area 2, Larry Berger, WA2SUH from 1979. First call area, Al Kaiser, N1API has served from 1986. Third call area, N3GZE

"Gump" Gardner since 1990. Area nine, Jim Williams, N9HHU since 1991. Stephen Sites, KC4LOR took over the fourth call area in 1993.

The 1997 biannual Ten-Ten Convention looms on the horizon. We are dedicating this convention to all of our Volunteer Managers, both past and present. We will be honoring them at convention and this will give you a chance to say thanks for all the help and work they have put in over the years. Ten-Ten could not survive without them. The dates are 11-12 July 1997, place Council Bluffs, Iowa. Information and pre-registration forms are available from K4CIH for an SASE. Pre registration applications are now being accepted. Be sure to pre register for a number of reasons; 1. There will be a Kenwood TS50S HF Radio available to all who pre-register and donate \$5.00 per ticket; 2. We need an accurate count for the banquet; 3. An accurate count is also needed for side trips in and around Council Bluffs, just to name a few. So, please pre-register.

Winds in excess of 90 miles an hour have done a good bit of damage to the antennas, tower and associated structures of the Colorado Bighorn Museum. Don, K0PV (new call) is working diligently to put the station back on the air. There is a good bit of expense involved and donations are needed and will be gratefully accepted. PO Box DX, Genoa CO 80818.

I have recently been sent a proposal for Ten-Ten to have a CW award. This award is expected to be available for CW contacts on Ten Meters. The program will have a certificate for a

*(Continued on page 4)*



Eddy Waddington, G4GIZ #28686, of Colne, England, waiting for an opening to talk to his friends in the Fort McHenry Chapter. Eddy has been a member since 1980

## Presidents Message

*(Continued from page 3)*

set number of contacts to qualify for the basic award and an upgrade program for further CW contacts. Let Ed hear your ideas concerning this new award. Drop him a line at K5ERJ@AOL.COM if you have E-Mail or just send snail mail. Before we institute this new award we want the membership to give their opinions and suggestions.

Pursuant to the Bylaws, I have selected a Chairperson for the Nominations Committee for the up-coming election in 1998. N6TXT, Al Britton has taken on the task and has selected his committee. The charge to this committee is to come up with an eligible qualified slate of candidates for Officers and Directors to take office January 1, 1999. If you have a desire to be on the board of directors, or an officer in the organization, I urge you to send an SASE to N6TXT for an application and become involved with your organization. Al's address is: Alvin Britton, N6TXT-8431 Hidden Valley Circle-Fair Oaks, CA 95628. This application will tell the nominating committee a little about you and will include a biographical sketch along with other information. This information must be in the hands of the nominating committee by 15 November 1997. The slate of selected candidates will be published in the second issue of the News in 1998. Election ballots will be sent to paid up members in June of 1998. This election will be for five (5) Director positions, President, Vice President and Secretary. For the membership to be properly represented, we must have enough applicants for selection. Let us not have a repeat of the last election where there were five positions open and only five eligible qualified members who opted to run for these positions. One can hardly call this membership selection, but rather, this is what you get. You, the membership, need to have a say about who runs your organization, and this is not accomplished if there is no election or choice. It's up to you, is it not?

10-10. Cups and QSL cards. NV5A, Rick, is one of our official suppliers, and will soon have our official Ten-Ten cups available for sale. Look for these in the next **News**. QSL cards are being designed and will be official Ten-Ten QSL cards once completed. Both these items will be avail-

able for order from NV5A. If you are interested in knowing just what Rick has available, drop him a SASE and He will be glad to respond. Rick can also be reached at NV5A@AOL.COM, but if you need information, send a SASE

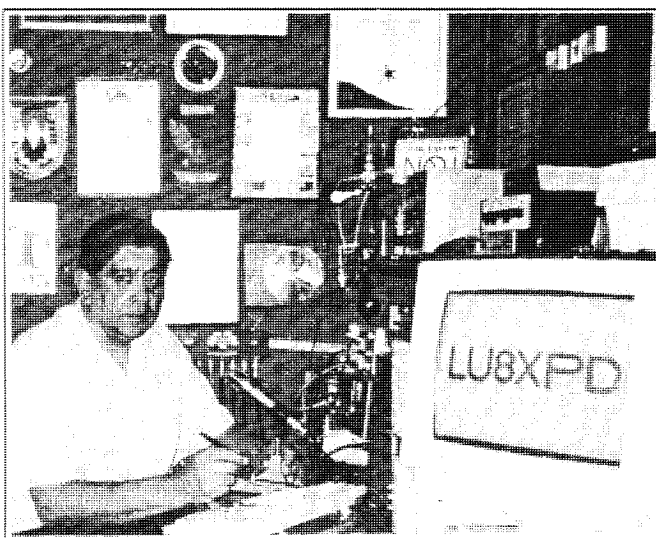
I want to welcome WB6RDK, Dave Smith, #65812, to the list of volunteers. Dave has taken over the job of Chapter Coordinator effective January 1, 1997. Much thanks to my good friend Dave McCardell, WD4EWB for the fine job he has done. KH6OE Pat Hibbs has become the new OM/XYL manager and we thank Elaine, N8CBE for the fine job she has done since inception of this award. The WAS certificate has shifted from Susan, KA1CAD to hubby Scott, AI1M. Susan has had this job for as long as I can remember, thanks Susan. Please drop these folks a note and thank them for the years of service they have rendered to 10-10.

## New 10-10 CW Award

*(Continued from page 1)*

bers will not be issued until May 1, 1997. This will give enough time for everyone to be notified of this new award and have a chance at the low certificate numbers. Good Luck and much thanks to Lee Zalaznik for coming up with the proposal for this award. and offering to be the Award Manager.

**CHANGED YOUR CALL?  
NOTIFY 10-10 - ADDRESS ON PAGE 31**



Dionisio Andrade, LU8XPD #13235  
at his neat station in Ushuaia, Argentina

# The Future of Amateur Radio

**WANTED** - Subjects for this column. Attention Mom's, Dad's, Aunt's, Uncle's and Friends of our young ham 10-10 members. Send information and a picture of your young ham 10-10 member to the Editor, address on page 2.

## Best Ham Award.....

By L.B. Cebik, W4RNL #18022

I am pleased to announce that the 10-10 Web site has been selected as a "Best Ham" Award recipient. Apparently a spotter reviewed the site and nominated it for the award as "exemplifying good design and utility to amateur radio operators on the web."

Although responsible for what actually appears on our pages (including errors from time to time), I want all to know that this is an award shared by every on-line 10-10er. Your input--whether in the form of error detection, suggestions for links and additional information, file maintenance and submission, or just reactions to what is there--is as important as anything done by the tenten-1 coordinator. It is an effort that needs and receives the contributions of many 10-10 members.

Jim Eshleman, our Lehigh host, has been more than generous with his energy and expertise in setting us up, getting this remote site graphically receptive, and doing all he can to assist us. He also deserves credit for the honor given our site.

At present, there are only 19 recipients of the award. More will surely come, as folks perfect their HTML skills. When the list is long, we can all take pride in the fact that we "made the grade" early, and perhaps even set a model for others to follow and improve upon.

If you wish to see who else is on the list, you may check out the "Best Ham" site at: <http://www.teleport.com/~binder/bestham2.shtml>. All of the letters (like "shtml") do belong there in the URL. The coordinator for the program is Max Marbles, KC7GFW.

We have added the "Best Ham" logo (and link) to the home page. It is nice to be in the company of such groups as Courage Handi-Hams and FISTS, among other fine organizations.

## W6OI #109 on the Air

Louise Chapman, N6ELK #36654, is the designated 10-10 Net Control Operator for W6OI each Wednesday beginning at 1800Z on 28.800 MHz. Please include an SASE when requesting a W6OI QSL card via N6ELK, 3210 Clark Ave., Long Beach, CA 90808. Requests from our other U.S. Net Control Stations to serve as designated control operators for W6OI #109 are welcome.

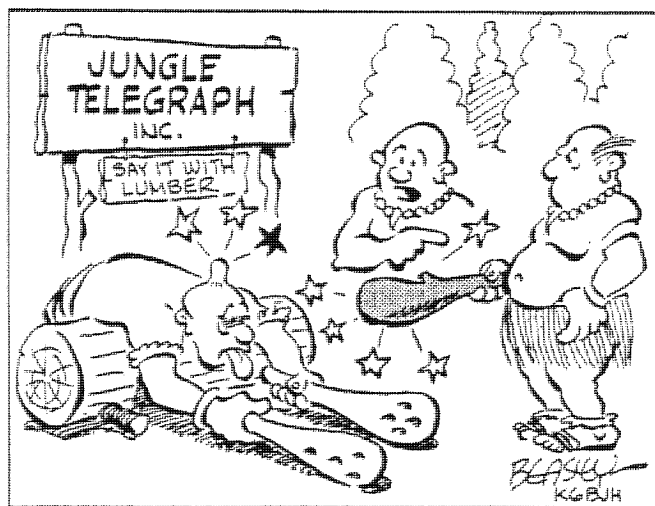
The 10-10 Club Station, W6OI #109, is available to any current (dues paid) 10-10 member or chapter for use as a special event station, Field Day station, etc. Send a written application, including dates of operation, purpose of operation and any other information to: Morrie Goldman, W6EHM #4189, W6OI License Trustee, 21518 Marjorie Avenue, Torrance, CA 90503-6418. Enclose a photocopy of your amateur license.

## The Dupe Sheet

(Continued from page 1)

Then, type or rewrite your log, eliminating the dupes, (and rewrite your Dupe Sheet, too, if it's messy) and send both, along with your properly filled in Cover Sheet & Proof of Dues, to the scoring Chapter.

**NOTE:** Printing your log twice, or photocopying it, and sending two identical copies, does **NOT** meet the requirement for an acceptable Dupe Sheet. Keep in mind that the *number one* cause for disqualification of logs is failure to provide an acceptable Dupe sheet.



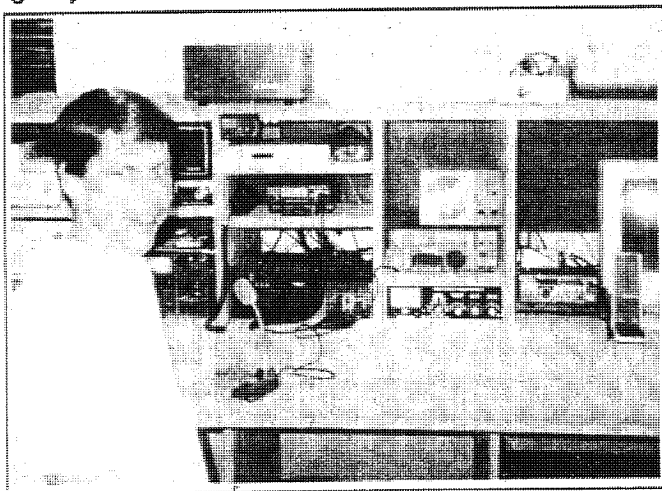
HE'S FROM THE NEIGHBORING TRIBE--- HE SAY YOU'RE USING TOO MUCH POWER--- YOU SPLATTERING OVER ENTIRE BAND?



## FEATURED STATION

By Bob Ryan, K6YVG #18022

Perhaps the youngest, and certainly most respected Officer of the Ten-Ten Organization is our Treasurer Keith Schlottman, KI7RK #63324. His professional and accurate financial reports are of the highest standards in the accounting industry, and deeply appreciated by all Officers and Board Members. Born May 13, 1964 in Rochester New York, he grew up in Hilton NY, a small town on the shore of lake Ontario. Keith attended the University of Arizona from 1982 to 1988. He started out as an Astronomy major, but after meeting his beautiful future wife Pam who was taking accounting there, decided that accounting was more to his liking. They both went on to become Certified Public Accountants. Pam and Keith were married in 1988 and have two sons, Ryan (5) and Brad (3) that are aspiring radio operators. Each has a CB walkie-talkie and go by the calls of Echo 3 and Echo 4.



Keith Schlottman, KI7RK #63324,  
at his neat station in Tucson, Arizona

While working in New Mexico Keith decided to get his Ham Radio license. It was something that he always dreamed of doing but never got around to. Pam and Keith studied together, and were both licensed in 1991. Pam's call is KB5UEU and is a Tech Plus. She also has her own 10-10 number. Keith has since upgraded to the Advanced class ticket. His first call was KB5EUV. Not content to stop there, he also obtained a General Radiotelephone operators

license, plus a Global Maritime Distress and Safety System Operator. His reason for obtaining these licenses was to learn more about radio.

In addition to his work as a CPA (he is an audit manager at Hammel & Co, PC) and helps Pam out with her self employed CPA business, and is a partner in two other businesses. Keith is a First Lieutenant in the Civil Air Patrol, a member of RACES, and ARES in Tucson. He also belongs to three local clubs, Radio Society of Tucson, Repeater Association and Old Pueblo Radio Club. (We can only wonder what he does with all of his spare time). The "Shack" equipment consists of an Icom 735 and a Cushcraft A-3S triband beam on a thirty foot tower. There are other VHF/UHF radios as well. In his truck is a Ranger 2950 feeding a whip antenna. Keith placed first in the 7th call area in the Feb. 94, and 95 Ten-Ten parties. He also placed first in New Mexico for single op, low power, phone only contest in 1992. Keith has a brother, Eric, that is also an Amateur operator and his call is N2IAF. Eric is a missionary and is presently in Ecuador. Keith attends all of the Board meetings and conventions, so if you are at a convention, don't pass up a chance to meet him. It would be time

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### A REMINDER

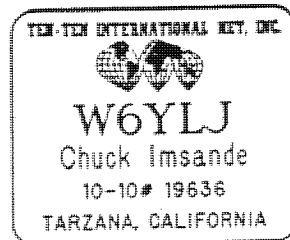
PLEASE SEND YOUR  
SCOLARSHIP DONATION TODAY

### Official 10-10 Badge

Order your official 10-10 Badge from the Sign Man of Baton Rouge, Rick Pourciau, NV5A #49338, 10-10's official badge maker. Cost is \$8.50 post paid.

Send Rick the following: Call Sign, Name

to appear on badge, 10-10 #, City and State. Colors: Green for regular members, Orange for life members and Pink for YL members. Send your order to: Rick Pourciau, NV5A, 879 Castle Kirk Drive, Baton Rouge, LA 70808-6020. Allow 2 wks for delivery.



BADGE SHOWN 1/2 SIZE

# TEN-TEN INTERNATIONAL NET CONVENTION '97'

## Convention Details

The 1997 10-10 Convention, being dedicated to all of our 10-10 volunteers, will be held from Thursday, July 10, through Saturday, July 12, 1997 at the Ramada Inn, 2325 Avenue N, Council Bluffs, IA. Room rate is \$45.00 per night + tax. Registrations should be made direct with the Ramada at 712/328-1084. A limited number of rooms have been blocked for 10-10. There is other housing available in the area. For a list of other nearby hotels and motels, send a #10 SASE to: Tom Henderson, K4CIH, 33233, 4901 15th Place East, Tuscaloosa, AL 35404.

**Pre-Registration Prize** - A Kenwood TS-50S HF Transceiver will be given to the lucky ticket holder for only those who pre-register for the convention. Pre-Registration tickets for the TS-50S Transceiver are available *only* with your pre-registration for a donation of \$5.00 per ticket. There is no limit to the number of tickets you may purchase. Pre-registrations close June 1, 1997.

**Chapter Tables** - Pre-registration for Chapter Tables is necessary. Chapter Tables are \$10.00 each.

**Board of Directors Meeting** - The Board will hold their annual meeting on Friday, July 11th. News from Board meeting will be presented to

the membership during the Board of Directors Forum on Saturday, July 12th.

**Ladies Program** - A ladies program is being planned and details will be available before the convention date.

**Forums** - A full day of forums of interest to 10-10 members will be held on Saturday, July 12th.

**Hospitality Room** - A Hospitality Room will be open for socializing with fellow 10-10'ers on Friday evening, July 11th.

**Banquet** - The banquet will be held in the main ballroom on Saturday, July 12th. Festivities begin with a social hour at 6:00PM with a no-host bar. Hors d'oeuvres will be served. Pre-registration for the banquet is a *must* so we can give the hotel an accurate count. A few seats may be available at the convention, but to assure yourself a seat, please re-register. Cost of the banquet is \$15.00 per person, including tax and tip.

**Prizes and Auction** - Drawing for prizes including the pre-registration TS-50S Transceiver and another HF Transceiver will be held at the banquet. The world renown auctioneer, Col. Ed Redwine, K5ERJ, will once again hold one of his famous auctions to provide our auction entertainment after the banquet. Auction prizes are requested from members and chapters.

## TEN-TEN INTERNATIONAL NET CONVENTION '97'

### PRE-REGISTRATION FORM

PLEASE PRINT ALL INFORMATION - MAKE CHECK PAYABLE TO: 10-10 INTERNATIONAL NET, INC.

NAME: \_\_\_\_\_ CALL: \_\_\_\_\_ 10-10 # \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ APT # \_\_\_\_\_  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 COUNTRY: \_\_\_\_\_

#### MAIL TO:

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

Number of Persons @\$5.00 ea \_\_\_\_\_  
 Banquet Tickets @ \$15.00 ea \_\_\_\_\_  
 Chapter Tables @ \$10.00 ea \_\_\_\_\_  
 TS50S Tickets @5.00 ea \_\_\_\_\_  
 TOTAL AMOUNT TENDERED: \_\_\_\_\_

Ladies Tour: YES \_\_\_\_\_ NO \_\_\_\_\_  
 One Day \_\_\_\_\_ Two Days \_\_\_\_\_

SAVE YOUR News - PHOTO COPY THIS FORM  
 PRE-REGISTRATION ENDS JUNE 1, 1997

# An-Ten-Ten-nas

By L.B. Cebik  
W4RNL, 41159

In each issue of the *News*, we shall try to clarify a significant cluster of ideas used in antenna work. Our object is to help you make the best decisions about the antenna you buy or build with out imposing our own prejudices on you. The more you understand, the better your choices will be.



## No. 13 K4HJJ's 2-Element Minibeam

Glenn Blackwell, K4HJJ, #66998, presented an overview of his 2-element Yagi minibeam in the April, 1995, *10-10 News*. Numerous 10-10 members have asked him how to build their own. Although he now sells a version of the beam, he encourages home brewing and has provided instructions to several hams. As a service to all 10-10 members, let's turn over the column to Glenn to show you how to build your own minibeam in the K4HJJ manner.

The minibeam is a 2-element Yagi with 8' elements and center loading. Although the gain will be under that of a full size beam, the front-to-back ratio will be a very respectable 15 dB or more. The price of small size combined with a high front-to-back ratio is narrow bandwidth, as Glenn describes below. His design is very transportable, as well as fitting into apartment and RV contexts. Here is how you roll your own, in Glenn's own words.

**Select the element length:** I use half-size elements, but you can go as low as 40% or you can go longer than half-size if it fits your junk box or hardware store. Keep both elements the same length. Let's try a half-size beam at 28.4 MHz. This will require elements approximately 8 1/4' long, or two 4' elements with a 3" insulated mounting plate. Channel 2 TV hardware is excellent, but you can also use PVC pipe fittings to hold the 4' elements and house the loading inductor. PVC also works well for the 4' boom.

**Approximate reflector inductor value:** Traditional Yagis tune the reflector to about .95 of the beam's resonant frequency, or about 27 MHz. This proved to be too long for the minibeam. See Figure 1 for the reflector layout. Choose a coil to resonate with the loading inductor in place at

about 28.1 MHz. The resonant frequency can be lowered with the position of the capacitance loading wires. There are various formulas or charts, as well as computer programs, to find the values. You can also figure a 4' base-loaded vertical and double the inductance for a dipole element. I use ELNEC or ON4UN's software quite often to find the right values. The exact value of the inductance will vary with the length of the element and its diameter. Use two 7" pieces of #10 soft copper wire for capacitance loading, as shown in Figure 1.

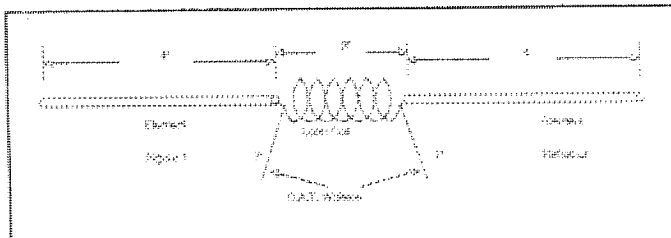


Figure 1

Bend the loading wires away from the element to lower its frequency. Keep the inductor Q as high as possible. With a Q above 250, resistive losses are not great, but they grow quite drastically when the Q goes below 100. Keep the length-to-diameter ratio of the coil close to 1:1. Do not use a toroidal core.

**Driven element construction:** Repeat the construction process for the driven element. Divide the inductor as shown in Figure 2 to provide a feedpoint. At this time, do not resonate the element, since a matching coil will be added to the assembly.

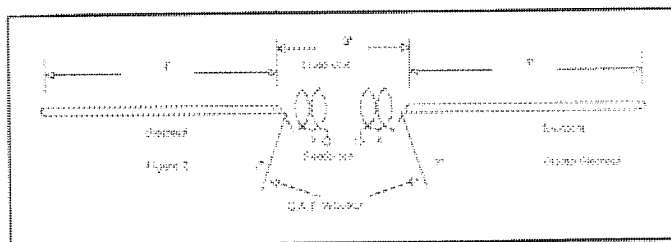


Figure 2

**Feedpoint impedance:** Determine the feedpoint impedance of the antenna (point X-X in Figure 2) either by computation or by direct measurement. ELNEC models with a front-to-back ratio of 15 dB show a feedpoint impedance of about 7.5 W. Now we are ready to design the matching network.

**The Beta match:** Using *The ARRL Antenna Book*, Chapter 26, Figure 32 (on the "hairpin" match), you can determine the reactance necessary to match 7.5 W. Calculate the inductance

(Continued on page 9)



# An-Ten-Ten-nas

(Continued from page 8)

for that reactance at 28.4 MHz. A coil of this value will substitute for the hairpin matching section. The coil, sometimes called a helical hairpin, is described in the *Antenna Book* in Chapter 6 in the description of a "Small Yagi for 7 MHz." See also ON4UN's chapter 2 on "Tuning or Loading the Short Dipole" in *Low Band DXing*.

ON4UN's coil design program calculated that the Beta match coil should be about 3 turns of wire, 7/8" in diameter, and about 1" long. With the coil installed, the driven element looks like the sketch in Figure 3.

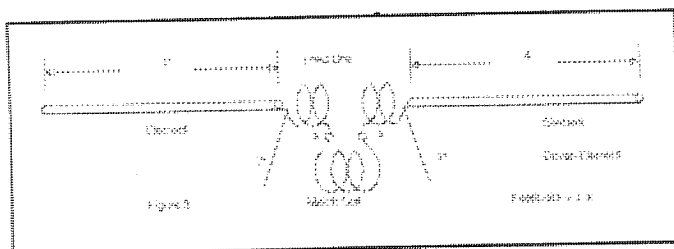


Figure 3

**Resonating the driven element:** With the matching coil in place, resonate the driven element to 28.6 MHz without the capacitive loading whiskers. You can compress or expand the matching coil and change the electrical length of the antenna by adding the whiskers and changing their position. All the inductors should be covered because rain will change the loading conditions.

The bandwidth can be widened to about 600 kHz by tuning the reflector lower in frequency. You can also narrow the bandwidth: I have narrowed it to about 400 kHz to achieve a higher front-to-back ratio in the Novice-Tech phone band by tuning the reflector higher in frequency. Use a beacon and horizontal antenna at least 100' away and behind the beam to adjust the reflector whiskers for about 20 to 25 dB front-to-back ratio at 28.350 MHz, as determined by your receiver. You can achieve a higher front-to-back ratio, but the match and bandwidth are degraded. At 20 dB front-to-back ratio, I get approximately 350 kHz at less than 1.2:1 SWR.

The whisker loading is my design and shows no degradation in side lobe rejection due to a lack of symmetry. (I call it Capacitance Assisted Tuning or C.A.T. Whiskers after my cat Scooter.) Other types of matching may also be used. I believe that the hairpin coil, in conjunction with the center loading, gives the effect of an unbalanced to balanced transformer. In any event, the element currents are in balance and no feedline

or other spurious radiation has been detected.

This may look like a simple project, but expect to spend considerable time getting everything right. If you do build this antenna, good luck, and drop me a line.

\* \* \* \* \*

For further information about this antenna or Glenn's 12 meter version, contact him at the following address:

Glenn R. Blackwell, K4HJJ  
WaveCat International, Inc.  
P.O. Box 2803  
Atlantic Beach, NC 28512-2803

He will appreciate both your interest and an SASE.

## President Announces Committee Assignments

President Tom Henderson, K4CIH, has announced Committee Assignments effective January 1, 1997. Each committee will be responsible for the area of operation of 10-10 as noted below. It will be the committee's action to determine policy and procedures related the to area assigned and to make recommendations to the Board of Directors for changes in policy in the area of their responsibility.

Members are encouraged to communicate direct with applicable Committee Chairman regarding any problems, changes, suggestions or recommendations for revisions or improvements in 10-10 operations.

### COMMUNICATIONS COMMITTEE

Linda Barnes, KJ4FM, #43299, Chairman  
Mike Elliott, KF7ZQ #54625

### FINANCE COMMITTEE

Chuck Imsande, W6YLJ #19636, Chairman  
Keith Scholtzman, K17RK #63324

### MEMBERSHIP COMMITTEE

Garry Cameron, VE7ACM #30939, Chairman  
Bill Howe, VK4WBH #22187  
Tom Michaelson, N0MT, 55241  
Carol Hugentober, K8DHK #29588, Associate Member

### OPERATIONS COMMITTEE

Ed Redwine, K5ERJ #11843, Chairman  
Bob Ryan, K6YVG #18022  
L.B.Cebik, W4RNL #41159, Associate Member

### PLANNING COMMITTEE

Pete Matson, KC1CP #37190, Chairman  
Dick Russell, K6SSD #62500

### CONTEST COMMITTEE

Don Zielinski, K0PV #9902, Chairman

### CHAPTER AFFILIATION COMMITTEE

Dave Smith, WB6RDK #65812, Chairman  
Gay Chaffin, WB5SKQ #11825  
Roger Allen, KV7ARN #44977

## **10-10 Internet Update**

**L. B. Cebikl, W4RNL #41159**

**TENTEN-L Coordinator**

As a refresher to all users of the e-mail list and archive system, I am reprinting the "Welcome Message" that everyone receives upon joining the list. It is essential information about using the system effectively, as well as some fundamental principles of e-mail list courtesy. Please keep a copy of this message beside your computer.

Remember that the tenten-l is open to anyone interested in 10-meter hamming, not just to members of 10-10. However, with the traditional 10-10 helpful and friendly personality, many of these folks may soon become members.

*Welcome to the Internet 10-10 mailing list!*  
**PURPOSE:** *The 10-10 mailing list is open for discussion of any subjects relating to 10-10 International and 10-meter amateur radio operation. Sample topics: propagation and band openings, equipment and antennas, 10-10 and chapter awards, new 10-meter activities. This sample does not limit the topics for discussion and questions, so long as 10 meters, 10-10, and amateur radio are the focus.*

**MESSAGE ADDRESSES:** To send a message to all subscribers to tenten-l, address it to:  
**tenten-l@Lehigh.EDU.**

Please indicate briefly, but accurately, your topic on the subject line. (Those with limited on-line time may wish to scan headings only to save time and money.)

To obtain information, a list of subscribers, postpone receiving list mail, remove yourself from the list, or receive other helpful messages about the list, please address messages to:

**listserv@Lehigh.EDU.**

These messages are called "command messages." They need no subject-line entry. The body of the message should contain only one command and no other content. **Note:** addresses are not case sensitive. A message to:

**LISTSERV@LEHIGH.EDU** and one to:

**listserv@lehigh.edu**

will both arrive successfully.

**COMMAND MESSAGES:** Here are some useful command messages: To subscribe (don't

forget to use your full first and last names AND your call)

**SUBSCRIBE TENTEN-L John Doe K5FJZ.**

To get a list of subscribers names, e-mail addresses, and calls:

**RECIPIENTS TENTEN-L**

The recipients listing will not be ordered. To receive a list of TENTEN-L subscribers, including their call signs, names, and e-mail addresses, sorted by call within each call area, send the following command:

**RUN TENTEN-L X TENTEN\_CALL**

Notice the hyphen (-) in TENTEN-L and the underline ( ) in TENTEN\_CALL.

To ensure that you are correctly listed on this list, be sure you subscribe with your first name, last name, and call, each separated by a space. If you are mislisted, UNSUBSCRIBE and then SUBSCRIBE using the correct format.

If you would like to receive any of the following:

1. the address of another station and/or
2. the heading and distance to that station,

send the following command:

**RUN TENTEN-L X CALLS2DIST <yourcall>  
<othercall>.** Sample:

**RUN TENTEN-L X CALLS2DIST W4RNL  
K4CIH.**

For more information on the server and other commands **HELP**

Leaving the list: If you ever want to remove yourself from this list send the following command, in the body of an e-mail message, to:

**listserv@Lehigh.EDU:**

**UNSUBSCRIBE TENTEN-L**

You may elect to receive a daily digest instead of individual postings by sending this command:

**SET TENTEN-L MAIL DIGEST**

You can stop receiving postings (or digests) temporarily by the command:

**SET TENTEN-L MAIL POSTPONE**

To resume receiving postings or digests, use one of the following commands:

*(Continued on page 11)*

### **BECOME A 10-10 SCHOLARSHIP VOLUNTEER**

Send your contribution for 1997 to the  
Scholarship Manager, Morrie Goldman, W6EHM #4189  
(address on page 2)

## 10-10 Internet Update

(Continued from page 15)

SET TENTEN-L MAIL ACK  
SET TENTEN-L MAIL NOACK  
SET TENTEN-L MAIL DIGEST

For more information on command messages, send the command:

HELP SET

**MAIL LIST COURTESIES:** The purpose of the mail list is communication. Just as there are on-the-air courtesies we extend to everyone, so too there are e-mail list courtesies to observe. Here are a few:

1. Keep messages as brief as the subject calls for.
  2. When replying to a message, do not include more of the original message than is necessary to answer a question, make a comment, etc. Delete all parts not necessary to the reply. Better yet, paraphrase the relevant lines and omit the original message from the reply. The subject line will often say enough for recipients to follow the thread from message to message.
  3. Consider whether a reply should go to the sender alone or to the entire group. If the reply is relevant only to the sender, address your message to the sender and not to the list. If you ask a question, you may request that replies be direct. Then, if the replies are of greater interest, you can summarize them in a message to the list.
  4. There is a difference between expressing strong views and being discourteous ("flaming" other messages). Respect others on the list and be courteous in all messages, even if you are expressing a disagreement.
  5. Respect the interests of others on the list. Only a some of the subjects discussed will directly interest you. Please do not criticize others (on the list or directly) for exchanging messages about subjects outside your interests.
  6. Do NOT send command messages (subscribe, unsubscribe, help, etc.) to the list. Send all command messages to the list server.
- This list is not complete. Nor is it a list of commandments. However, if we translate the Amateur Radio Operator's Code into e-mail terms, then we have a good sense of proper and

productive e-mail communications.

**INFORMATION FILES:** There is an anonymous FTP repository on host ftp.Lehigh.EDU in directory pub/listserv/tenten-l. This directory will hold directories divided by relevant names for things relating to this group or radio amateur topics in general, including the archives of the mailing lists from the past and whatever relevant contributions members come up with.

To access the directories and files via ftp, do the following:

```
ftp ftp.Lehigh.EDU
cd pub/listserv/tenten-l
```

You will see directories like fcc, rigs, Archives-old, Archives. There is a README file at this level to give you some information on what is in each directory and it will be updated as information is added to directory(ies). Note that files are compressed, i.e. end with .Z, but if you ftp without the .Z extension, the file will automatically be uncompressed. All files will be in ASCII except .gif and .jpg files when they become available.

As new files are added to the FTP repository, we shall announce them via list postings and in 10-10 News. All files in the ftp repository are also available via e-mail from the list server (address: listserv@Lehigh.EDU). To obtain an index of all files use the command

INDEX TENTEN-L -ALL

To retrieve a file via e-mail, send the command:

**Sample:** GET TENTEN-L/DX DXCC.LIST

where "filepath" is the path as shown by the INDEX command, and "filename" is the name of the file you want. Note that the file is sent in UUENCODE format if it is a binary file and in plain ASCII if it is regular text. At present, all files in the archives are ASCII text files.

**INFORMATION ABOUT THE MAIL LIST:**

This mailing list is maintained by ListProc 8.0c. Always send commands in the body of an e-mail message (the subject is ignored) to:

listserv@Lehigh.EDU.

Please keep your mailing address up to date. If your personal on-line account changes, please update ListProc. The easiest way is to unsubscribe from the old account and subscribe from the new. If your mail bounces for 'no such user' or 'no such machine', you will be removed from the list. Please try to subscribe from a system

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# TenX DX News

By Mike Davison  
N5MT #24949



I have a new vanity callsign: N5MT. Since I upgraded to Extra years ago, I have been hoping to get a shorter call. I have been using: Norway 5 Many Thanks. If you can improve on the phonetics, send me your comments.

When Tom Henderson K4CIH temporarily took over the DX Awards Manager position from Al Sherman K1AS, a good decision was made to computerize the DX records. A computer program was designed and written by Jim Hardy K4HAV #17605, to take the DX application data and save that into a database. Tom started with my DX records but it took him a while to check my claimed countries because he did not get all the paperwork from Al. I sent him several upgrades to replace the missing paperwork, as he could not find all of my countries. This summer, Tom turned the job over to N5EJS Russ Gauthier #1525 who is now the DX Awards Manager. Russ looked at my records and determined I was still missing five countries. I resent my last upgrade which brought my count to 235 confirmed by the computer database.

I had the opportunity to meet Russ for the first time in September during a trip to Louisiana. He lives close to my relatives but over the years we had missed each other, so this trip I planned to take a day to visit. Since Russ is now the keeper of the DX records, I could not pass up an opportunity to see if there was a story that I could extract from this data. The records contain a lot of information about what countries have been active and who was operating. This data is on the form submitted for the DX award and now Russ has the task of putting all this historical data into the DX database. Back in September, Russ had about 20 percent of the data entered between himself and Tom when I visited. The US data will be finished soon, then the DX members will be put in last.

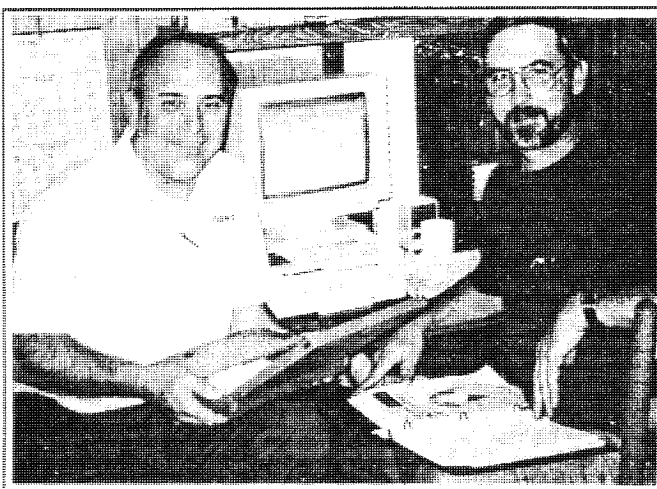
When I arrived, Russ give me a tour of the ham shack located behind his house and where he plans to put a tall tower up in the future. He has a big monoband yagi in pieces just waiting for a tower. We then went inside to his computer

setup where we settled in to look at the records. Russ pulled out my paperwork and then gave me a quick demo of how he handles the data entry. The process looked fine as long as the person submitting the form does all the necessary work of filling them out completely. On the front of the award form is the basic 10-10 data. On the back, you fill out the callsign, country name, QSO date and 10-10 number. The data entered easily and sorted alphabetically by country name which is different from the ARRL who use callsign prefix by country. This data will help the checking of new DX applications and upgrades, validation of country credit and tell us when a new country has been submitted. It also makes the process of identifying the country easier since there can be dozens of prefixes available for some countries. For example, the old USSR is a tangle of prefixes and without a correct cross reference, you can easily pick the wrong country!

My primary goal for this visit was to determine from the DX data the number of 10-10 countries that have ever been available! Al Sherman started the list in 1981 but he stopped keeping the list updated after a few years. So, I had been updating my own list with what I knew was current. There has never been a 10-10 number exchanged in all countries as of yet! So, what is the best count available? Ask Russ, well he didn't know the answer but I knew how to find it.

First, I started with the list I published that contains the known base list. Second, get the records of the most active members in the program. Compare their worked list with the base list. Third, add the new countries to my list and put on the 10-10 Web site for reference. Thanks to DJ4BE Joe Pusch #49153, who has the second highest country count with 210, AA4UF Rick

(Continued on page 13)



DX Editor Mike Davidson, N5MT #24949 and 10-10 Countries Award Manager Russ Gauthier, N5EJS #1525, comparing DX Award information for new 10-10 countries.

# TenX DX News

(Continued from page 12)

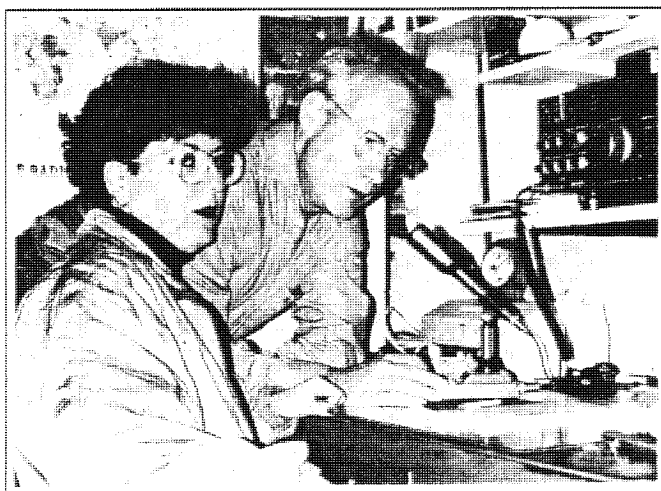
Jacks #41176 with 155 and F1HMQ Lionel Peragoux #49138 with 150. Their data showed ELEVEN new 10-10 countries, the count is 283!

So here are the details: 3C0A Pagalu by TR8JLD Jean Louis #39319 in July 86; JW0GB Svalbard by LA8PF Per #40983 in Mar. 92; OF0MA Market Reef by SM5AWD Hakan #52781 in July 87; OH0/DL7HBT Aland Isl. by Harry #40962 in Jan. 87; ST4/WZ6C Sudan by Eric #38879 in May 90; S01EA/EA5BQJ W.Saraha by Fransico #31894 in Mar. 90; TL8HW Cent. Africa by Tracy #49580 in Sept. 91; TY/FE1JDG Benin Rep. by Andre #42935 in Nov. 91; T53UN Somalia by WB8WHO Kent #44086 in May 92; VK9C Cocos Keeling Isl. by VK9NKG George #38900 in April 88; and YX0AI Aves Isl. by Ramon YV5EED #8498 in March 92.

While in Russ's radio room, the band was open to Costa Rica and we talked with TI2JJJ Jose #45800 my friend. Jose tries to keep the QSL problems down with his PO Box but his mail system is bad! Do not put any call sign on your mail and rap dark paper around your \$ postage so it can not be seen! QSL to Jose Pastora, POB 300-1000, San Jose, Costa Rica, Central America.

**Upcoming DXpeditions & New 10-10 Country Activity:** Heard Island by a large group of DXpeditioners about January 13, 1997 for two weeks. Look for Ralph K0IR #2629 and two other members. Good luck on ten.

J52IM Guinea-Bissau Africa by Dave Bendt



Florence Faurez, F6FYP #23425, and  
Sylvio Faurez, F6EEM #2000 of Bruz, France

#24392 ex 4K0IM and other US calls. Dave's current posting will keep him there long enough for me to work a new 10-10 country, I hope. Dave became a member when he was in Azerbaijan several years ago, a nice achievement for him! Now he is waiting on a 40 foot tower and some parts to help his station in J5. QSL to KB9XN #57389 Howard Barbrey, 306 Greenfield Cir, Geneva, IL 60134.

**CQ WW SSB Contest:** XE1L by Louis #18056 QSL to WA3HUP Mary Ann Crider, 2485 Lewisberry Rd., York Haven, PA-17370, USA. XK7CFD by David VE7CFD #64675. CI2QK and XM2MCZ by Jim VE2QK #42050. LP7N by Carlos LU2NI #25994. 4M2BYT by Alberto YV2BYT #27200. CT8T by Jose CT1EEB #58967. IQ2Q by Luca IK2AEQ #38320. QSL via Buro.

Skip for the ARRL Ten Meter Contest will be better than last year! As I said in my last two articles, the much improved skip is slowly returning on Ten. The DX opening this fall will start about 1500 Z for us in the middle of the US. I am sticking to my comments about May 28, 1996 being the start of Cycle 23. With the increase in average solar flux up above 100 last week and the predictions by NOAA, we have started the next cycle.

**Propagation:** Solar flux will range from 77-110 in the Winter of 1996, as I write this, the Solar flux is 91, the A index 4 and K index 1, about 20 points higher than last quarter! In the transition from cycle 22 to 23, expect large swings of flux as new spots appear near or above the equator on the sun. For stations in the Eastern US, expect a 15% chance of DX propagation to be East-West paths into Europe or Africa, for stations in the Western US, expect a 5% chance of DX into Europe. All of the US into South America, expect a 25% chance of DX skip. Expect continued Sporadic E Layer conditions during the winter to be 2-4 hop skip that will travel 500 to 2500 miles with fading. F Layer skip will return with cycle 23. Remember to listen for the beacons (28.175-28.3) to check conditions.

Thanks to: Russ Gauthier, N5EJS #1525, (N5EJS@linknet.net) for his assistance; To everyone for the letters and photos that you have been sending; To the on-line DX Reflector, QRZ-DX & Ohio/Penn DX Bulletins. Send photos to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025 USA or e-mail to: KC5CP@aol.com. Remember, DX IS!

**SUPPORT THE SCHOLARSHIP FUND**



## Chapter Coordinators Column

Dave McCardell  
WD4EWB #18760

Affiliated...None

Reaffiliated...None

No Longer Affiliated...Speedway

In Extremis...59/62, Cypress, Down Under, Kansas Trails, Lindbergh, Peach State International, Republic of Texas, Arizona Sunset/Thunderbird, Hudson Valley Hamsters, Keystone, Old Dominion, Stark County Mutual Aid, War Eagle

**REMINDER** - To remain affiliated with 10-10, all chapters must file a chapter report at least once each year. This information is used to update the 10-10 Awards Guide and the monthly Awards Guide Updates. We don't want the membership wasting their time and money on a chapter that is no longer active. If the name of your chapter appears above, please advise the Chapter Coordinator if there has been a change in status of the chapter.

**HELP!!** A growing problem primarily dealing with 10-10 awards, but affecting also the chapter upgrades, is an apparent lack of attention to the rules of the award or certificate being applied for. In the recent past some CM's and award managers have been more than lenient in processing these applications. All 10-10 award managers have now been encouraged strongly to process these applications in accordance with the rules in the future, if SASE is enclosed, those incomplete or inaccurate will be returned with reasons for return stated; if no SASE enclosed (which has become a problem also) then the application could be placed in file 13. By following the rules for these awards and of the chapter upgrades and specials, then a lot of hassle will

be avoided. Remember the turn-around time for any application or upgrade is directly proportional to the legibility and accuracy of the application. Make it easy for the CM or award manager, make sure everything is by the book. Another complaint: a couple of CM's have been lax in the return of upgrades and seals to their membership. Everyone is willing to condone sickness, heavy work schedule, and other extenuating circumstances etc. Thirty days maximum for 'snail mail' upgrades is not unreasonable to expect, and two weeks maximum for e-mail is being more than reasonable. Remember, the award managers and the CM's, are volunteers and the majority of them are doing their best to turn these applications around, do your part by making it as easy for them as possible - follow the rules to the letter.

**HONOR ROLL** - Twin Tiers Chapter, started in 1978, now has 2016 members. Suncoast Chapter membership now totals 2023. Lilac City, started also in 1978, now numbers 1103 members. Trotters and Pacers have held two nets per week since 1978, numbers over 1500 consecutive nets.

**MILWAUKEE CHAPTER** - This chapter was shown by mistake to be no longer affiliated in the previous edition of the 'News'. Sincerest apologies from the Chapter Coordinator for this error.

**CASTLE CRAIG** - The Meriden Amateur Radio

(Continued on page 15)



This group of happy members of the 28 Chapter gathered together on the occasion of Barry, VK2KUZ #38901, and his XYL Anne, VK2MKJ #38981, visiting in Perth while they were traveling around Australia. Front row seated, Geoff, VK6ZY #22237, Tony, VK6PP #38922, Anne, VK2MKJ #38981, Mark, VK9AR #34270. Back row standing, Phil, VK6SO #38928, Syd, VK6SMH #38924, Michael, VK6MIN #64698, Rob, VK6RG #19116, Don, VK6UW #27364, Brian, VK6NKB #54204, Barry, VK2KUZ #38901, and Dave, VK6ATE #30290

## Chapter Coordinators Column

(Continued from page 14)

Club, W1NRG, #29650, will celebrate its 50th anniversary during 1997. In commemoration of this event, the chapter will run a year-long special; 1 January 1997 to 31 December 1997. Contact as many chapter members as possible with each being worth one point; M.A.R.C. members (those with an 'L' in their basic chapter number) are worth three points. SASE to N1API for all the details.

**WORKED ALL EL PASO** - One of the oldest (said to be the second oldest) Certificates still being issued. The WAE can be earned by working 15 El Paso city and county contacts, any time, any mode, no charge, no QSL required, send copy of log to W5ES, 2100 San Diego St., El Paso, TX 79930, for your 10 meter contacts Wednesdays, 0200Z and Sundays 1500 to 1800Z on 28.440 MHz on the 10-Bar-X Net...

**EAGLE WATCH** - Fifth Anniversary Special will run from 1 November 1996 to 15 February 1997. For info and worksheet an SASE to KC4SDU, Benny Wooten, 507 Cobra St., Boaz, AL 35957. Application and information via US Mail only.

**GB TEN** - Announcing the 1997 Special 'Wildlife of Great Britain. Start 1 January 1997 to 31 March 1997. Upgrade now for your worksheet or e-mail to mcrawshaw.parkhigh@burnley.ac.uk for information Mail inquiries please include \$1.00 for return postage to Dave Wilkinson, 'Leon' Lutton Gowts, Long Sutton, Spalding, Lincs, PE12 9LQ, England. NOTE: e-mail address is new from last published address.

**BAUXITE CHAPTER** - Effective immediately the chapter will no longer issue the 'Arkansas Flag-Waver' award. The Bauxite and the Arkansas Traveler will continue to be issued and awarded. Be sure to listen for the nets 0130Z/0230Z on Monday and Tuesdays on 28.470. Also the chapter now has a page on the WWW site of tenten-1 and all are invited to visit the site. Beginning with contacts after 1 January 1997, members with the 'Arkansas Visitor' seal are eligible to apply for the new 'Arkansas State Parks' Certificates. With each certificate will be a pamphlet describing that state park along with pictures and information. To qualify for the first 'Parks' certificate, send a log of 15 contacts of members who have the 'Visitor' seals with date, call, and 10-10 number along with \$2.00. All additional certificates (a total of fifteen) require 10 contacts and SASE (Legal

size). After collecting all fifteen, the member is awarded the Arkansas Traveler seal. SASE to W5EIJ, 302 Crouch Street, Benton, AR 72015 for complete brochure of information on this new upgrade program.

**THE CRADLE OF CONFEDERACY** - The first of the two annual specials by the chapter to commemorate the inauguration of Jefferson Davis as first president of the Confederate States of America on 22 February 1861. Runs from 0001Z, 15 February to 2400Z, 20 February 1997. Members with C, LC, or L suffix are instant qualifiers for the numbered certificate. Frequency 28.350 MHz. \$2.00 to WB4OZN for certificate or SASE for special event QSL card only. The second special is the Jefferson Davis 1997 Birthday Event, runs from 0001Z, 31 May to 2400Z, 5 June 1997, frequency 28.350 MHz. \$2.00 to WB4OZN, 2141 Edinburgh Drive, Montgomery, AL 36116-1313 for certificate. Event QSL not available for this special.

**COFFEE CUP NET** - In addition to the listed net on Saturday 1400Z on 28.368 MHz, a second net will be held on Tuesdays, 2300Z, on 28.365 MHz. 'Brewmaster' and 'Little Drip' designations are being resumed with the greater frequency of band openings.

**SOUTH TEXAS LIGHTHORSE BRIGADE** - Now accepting point upgrades via e-mail to N5DAS@juno.com. In addition to the old, new and total points, total contacts, please note date of issue of your original certificate.

**SKY BLUE WATERS AND TIN LIZZIE** - CM Duane, WB0RCC, will now accept 'point' upgrades via e-mail. Please include in addition to old, new and total points collected; basic number with current point value; 10-10 number with date of expiration. Address: CEwards@isd.net.

**BAY AREA** - Now going to a 'point' system. Must

(Continued on page 19)

## In Memorium

It is with sorrow that we report that one of our Young Ham members, Mat Murphy, KB0JEN #59332, became a Silent Key on October 31, 1996 in an auto accident. Mat was on his way home from his after school job when his car hit a pillar of an overpass and was reported to have died instantly. Mat had just turned 16 years old. Mat's picture and story appeared in the April 1994 issue of the News. He received his Novice License when he was 11 years old and was involved in several 10-10 Chapters. Our sympathy to his Father James, N0OKI #59321, and to the person who was Mat's friend and the one responsible for Mat's interest in 10-10, Gayle Fawcett, KC4TAR #57540

# 1996 OCTOBER TEN TEN JPRINT CONTEST RESULT/

## TOP TEN WORLD

| CALL   | QSO'S | PTS |
|--------|-------|-----|
| N2EOC  | 88    | 154 |
| KC5CP  | 76    | 105 |
| AB6YQ  | 58    | 95  |
| WB6NFO | 55    | 83  |
| N2EGO  | 42    | 79  |
| KC5BKT | 41    | 76  |
| K4IJK  | 38    | 74  |
| WA5JDU | 49    | 72  |
| KD4GW  | 36    | 69  |
| KA3WWG | 36    | 69  |

## TOP TEN USA

| CALL   | QSOs | PTS |
|--------|------|-----|
| KD1YN  | 28   | 54  |
| N2EOC  | 88   | 154 |
| KA3WWG | 35   | 69  |
| K4IJK  | 38   | 74  |
| KC5CP  | 76   | 105 |
| AB6YQ  | 58   | 95  |
| K7QXG  | 12   | 24  |
| KB8YUX | 35   | 63  |
| KA9AMQ | 22   | 42  |
| K5ERJ  | 27   | 46  |

## AREA 1

| CALL   | QSOs | PTS |
|--------|------|-----|
| KD1YN  | 28   | 54  |
| W1SIX  | 20   | 40  |
| N1IXF  | 18   | 36  |
| KC1FV  | 17   | 34  |
| N1PDV  | 16   | 25  |
| WA1EBJ | 12   | 24  |
| N1RLO  | 11   | 22  |
| W1QMT  | 10   | 20  |
| K91BMO | 6    | 11  |

## AREA 2

| CALL   | QSOs | PTS |
|--------|------|-----|
| N2EOC  | 88   | 154 |
| N2EGO  | 42   | 79  |
| KB2MRI | 35   | 61  |
| N2WCY  | 25   | 52  |
| KF5UN  | 18   | 31  |
| KA2SKO | 10   | 19  |
| N2LQQ  | 3    | 4   |

## AREA 3

| CALL   | QSO | PTS |
|--------|-----|-----|
| KA3WWG | 35  | 69  |
| KE3WW  | 32  | 64  |
| KA3VDN | 32  | 63  |
| N3UNF  | 28  | 54  |
| WB3FGU | 27  | 54  |

|        |    |    |
|--------|----|----|
| WB3BMA | 18 | 35 |
| K3TUJ  | 14 | 28 |
| W3VQY  | 13 | 26 |
| KA3AVB | 11 | 22 |
| K3VOA  | 9  | 17 |
| KA3QOY | 8  | 14 |
| K3NBD  | 7  | 14 |

## AREA 4

| CALL   | QSOs | PTS |
|--------|------|-----|
| K4IJK  | 38   | 74  |
| N4OT   | 31   | 56  |
| KD4IBI | 25   | 47  |
| K4HTU  | 23   | 43  |
| KS4ZI  | 22   | 36  |
| N3DCZ  | 14   | 27  |
| N4FBY  | 15   | 26  |
| K9EHP  | 10   | 20  |
| W4WJV  | 7    | 13  |
| AE4TF  | 5    | 9   |
| KN4Y   | 4    | 5   |

## AREA 5

| CALL   | QSOs | PTS |
|--------|------|-----|
| KC5CP  | 76   | 105 |
| KC5BKT | 41   | 76  |
| WA5JDU | 49   | 72  |
| N5VAV  | 29   | 45  |
| W5GVP  | 17   | 25  |
| KC5AQU | 12   | 21  |
| N5AFV  | 11   | 20  |
| KC5OBT | 11   | 20  |
| WD5HJC | 3    | 6   |
| WB5IIE | 2    | 3   |

## AREA 6

| CALL   | QSOs | PTS |
|--------|------|-----|
| AB6YQ  | 58   | 95  |
| WB6NFO | 55   | 83  |
| KD4GW  | 36   | 69  |
| N6ELK  | 31   | 57  |
| WB6NYM | 28   | 52  |
| KE6LZH | 27   | 44  |
| AO6QP  | 16   | 32  |
| W6KVA  | 16   | 31  |
| WA6VLS | 16   | 31  |
| KB6DLN | 16   | 31  |
| KE6YPY | 15   | 30  |
| KE6DRN | 15   | 29  |
| AO6HF  | 14   | 28  |
| KI6OY  | 14   | 27  |
| KO6AX  | 13   | 24  |
| K6EHA  | 13   | 23  |
| K6VMN  | 14   | 20  |
| KB6UW  | 9    | 18  |

## AREA 7

| CALL   | QSOs | PTS |
|--------|------|-----|
| K7QXG  | 12   | 24  |
| WN3FUR | 2    | 4   |

## AREA 8

| CALL   | QSOs | PTS |
|--------|------|-----|
| KB8YUX | 35   | 63  |
| WB8PJY | 16   | 28  |
| N8YIX  | 6    | 12  |

## AREA 9

| CALL   | QSOs | PTS |
|--------|------|-----|
| KA9AMQ | 22   | 42  |
| KE9WZ  | 16   | 28  |
| W9WYN  | 14   | 26  |
| N9SRY  | 14   | 25  |
| KE9QW  | 10   | 20  |
| WA9SFH | 9    | 17  |

## AREA 0

| CALL   | QSOs | PTS |
|--------|------|-----|
| K5ERJ  | 27   | 46  |
| W0MRI  | 25   | 45  |
| W0HIK  | 24   | 44  |
| K0PVI  | 22   | 38  |
| WA0ZWW | 12   | 24  |
| KB0RQE | 10   | 15  |
| WB0RHR | 8    | 13  |
| K7EXO  | 4    | 6   |
| KA0EIC | 4    | 5   |

## DX AREA

| CALL   | QSOs | PTS |
|--------|------|-----|
| VE7ACM | 4    | 7   |
| VE7AAP | 3    | 6   |
| VE7WPC | 3    | 6   |

## CHECK LOGS

WB3IFE, KK5DO, KE6HRK,  
WA4QDM, W5EIJ, KB8OKK

## 10-10 Internet Update

(Continued from page 11)

that doesn't send periodic 'I couldn't deliver the mail for 1 hour/3 hours/1 day/etc.' messages, as these messages make it that much more difficult to manage the list. If you are having problems sending or receiving list messages, send a message with a full description of the problem directly to the list server manager, Jim Eshleman <lujce@Lehigh.EDU>.

If you have comments on the content of the list messages or ideas for useful files of the ftp repository, please send them to the tenten-1 coordinator: cebik@utk.edu.

Remember: the sunspots never set on the Internet.

## Attention Chapter CH's & CM's

All Chapter information should be sent to the new Chapter Coordinator, Dave Smith, WB6RDK, #65812, at 1349 Vernon Terr., San Mateo, CA 94402-3331. Remember that all chapter reports and information must be received by Dave prior to the first of the months of March, June, September and December. To be listed in the News you must meet the above deadlines.

# 10-10- SILENT KEYS

*It is with sorrow that we note the following 10-10 members who are now SILENT KEYS. We extend our sincere condolences to the families and friends of these SK members whose calls and 10-10 number will forever be kept in the records of the 10-10 Net.*

|       |        |   |
|-------|--------|---|
| 00237 | KJ2I   | Morton J. Deutch, Huntington, NY              |
| 00617 | W2RMR  | Craig C. Shurtleff, Mount Morris, NY          |
| 00686 | W2FC   | Fred Clyton, Sea Girt, NJ                     |
| 01093 | G3YJI  | Peter S. Wallis, Surrey, ENG                  |
| 01550 | W1SSA  | Edward D. Pinkham, Ocala, FL                  |
| 01911 | VE7AEG | Sid Allen, Agassiz, BC                        |
| 02312 | W0EZV  | Luigi Cocchiarella, St. Paul, MN              |
| 02349 | WA9MPZ | Edward G. Carlen, Chicago, IL                 |
| 02417 | W0CDL  | Charles R. Irion, Scottsbluff, NE             |
| 02643 | WA3PHY | Edward P. Rottman, Bethel Park, PA            |
| 02939 | W8HJC  | Nobby Haraburda, Grand Rapids, MI             |
| 03094 | K0ND   | Louis E. Anderson, New England, ND            |
| 03130 | K4FGP  | Henry E. Church, The Plains, VA               |
| 03192 | K4KAK  | Robert M. Smith, Russell Springs, KY          |
| 03424 | WA6MXF | Herschel G. Howard, Napa, CA                  |
| 04066 | K6QYO  | John E. Kennedy, Mesa, AZ                     |
| 04197 | WA0ZON | Roland J. Brunsma, Boulder, CO                |
| 04893 | W3UHM  | Sigmund Muszynski, Carnegie, PA               |
| 04951 | K1IJJ  | Abraham Havens,<br>Waterbury Center, VT       |
| 06276 | K4CXY  | William Rayburn, Collierville, TN             |
| 06481 | W0CDC  | Walter L. Reid, Ankeny, IA                    |
| 06781 | W0KC   | Thomas L. Yount, Kirkwood, MO                 |
| 06852 | K7RDG  | Dale Green, Sierra Vista, AZ                  |
| 07193 | K4MB   | Robert T. Clowes, Dunedin, FL                 |
| 07224 | W4PLN  | Sam A. Mouron, Fort Myers, FL                 |
| 07411 | W1KGH  | Randall H. Spooner,<br>South Hampton, NH      |
| 08386 | W4TOH  | James N. Jones, Gulf Breeze, FL               |
| 08916 | W6RBD  | Eugene H. Price, Corona, CA                   |
| 09324 | W6NIR  | Gerard Wagstaffe, Menlo Park, CA              |
| 09555 | K6SVL  | John P. Alexander,<br>Rancho Palos Verdes, CA |
| 10189 | W2ETS  | Joseph P. Andrasko, Maspeth, NY               |
| 10715 | W6ZM   | William J. Stevens, San Jose, CA              |
| 10917 | N0GW   | George A. Wallace, Branson, MO                |
| 11200 | K0ATZ  | Bois R. Council, Bothel, WA                   |
| 11487 | K3YJK  | Harry J. Creighton, Gouldsboro, PA            |
| 11529 | W1IYN  | Ernest W. Sealey, Marlborough, MA             |
| 11758 | WB5IGD | Stuart L. Lamkin, Llano, TX                   |
| 11991 | W0IR   | James R. Milnor, Minneapolis, MN              |
| 12093 | W1ZXA  | Paul B. Boivin, Jr., Lincoln, RI              |
| 12104 | W1GM   | Gerard J. Morin, Sanford, ME                  |
| 12216 | W4QBY  | Dorothea M. Seaver, Lauderdale, FL            |
| 12776 | WA7YWX | Milton I. Robinson, Sun City, AZ              |
| 13239 | K4VH   | George F. Swetnam, Hemdon, VA                 |
| 15247 | KB0ER  | W. H. Bond, St. Louis, MO                     |
| 17046 | W9KPT  | Ira Otto Rhoades, Sterling, IL                |
| 17873 | WB1EMN | Allen E. Sittard, Chicopee, MA                |
| 18666 | W6CQR  | Sam T. Peck, Ventura, CA                      |
| 19815 | W6UQF  | Charles G. Oakes, San Marcos, CA              |

|       |        |   |
|-------|--------|---|
| 19898 | W3TCI  | Clyde E. Arnold, Jr., New Castle, DE          |
| 20702 | DF3GX  | Klaus-Dieter Bohli,<br>Bad Krozingen, Germany |
| 21081 | WA4YOM | R. J. Peeler, Jr., Raleigh, NC                |
| 21515 | KB2ZF  | Nathan J. Capon - Lake Worth, FL              |
| 23171 | NF4P   | Rollin M. Ransom, Zebulon, NC                 |
| 23695 | WD5CIS | James G. Hudson, Hale Center, TX              |
| 24232 | K9IVN  | Edward B. Nichols, Granite City, IL           |
| 24277 | WA9HFX | Roy G. Kinser, Bedford, IN                    |
| 24299 | WB9ZOP | Allen F. Altken, Indianapolis, IN             |
| 24573 | K3AVX  | Joseph J. Stefanick, Reading, PA              |
| 24735 | W1UEF  | Walter F. Oiney, Coventry, RI                 |
| 25131 | WD0ALE | Harry V. Brasher, Kansas City, MO             |
| 25298 | KA2CUS | Jay W. Gerstel, Staten Island, NY             |
| 26391 | K4FLS  | Sam B. Agee, Cumming, GA                      |
| 29608 | N0ANI  | Lawrence R. Palmer, Rapid City, SD            |
| 30398 | G3UUA  | J. E. Whitaker, Kendall, Lancs, ENG           |
| 30447 | K08CN  | Barbara A. Cochran, Davisburg, MI             |
| 31783 | KD2LM  | James L. Knapp, Suffern, NY                   |
| 31915 | W8UUI  | W. L. Gwyer, Warren, OH                       |
| 32172 | WB3HAE | Bruce E. Lackey, Rockville, MD                |
| 32180 | N3BGY  | Robert Tunnicliff, Arnold, MD                 |
| 32682 | KH6OB  | David E. Culnan, Kahului, HI                  |
| 33237 | KM4HM  | Jerry D. Johnson, Lexington, TN               |
| 33472 | KA4IUS | Henry M. McLeod, Fairhope, AL                 |
| 33850 | W3ZAV  | Stanley Feldman, Baltimore, MD                |
| 34965 | WD0EOD | John M. Peckum, Bayard, IA                    |
| 35307 | N1APE  | Harold Hansen, Littleton, MA                  |
| 35828 | KB5TX  | Rawlins M. Morris, Boerne, TX                 |
| 36575 | W8ZNN  | Albert C. Rousseau, Gladstone, MI             |
| 36609 | KD6DT  | Donald M. Johnson, Livemore, CA               |
| 37108 | W1KGU  | Sanford E. Pope, Brockton, MA                 |
| 37275 | KA5OGC | Frankie H. Arnold, Clovis, NM                 |
| 37573 | WB2NIC | Paul M. Voged, Neptune, NJ                    |
| 38190 | N8GCJ  | Reita L. Craddock, Luther, MI                 |
| 38282 | N9KD   | Charles H. Robinson, Springfield, IL          |
| 40888 | W5RL   | Sterling Davies, Richardson, TX               |
| 41209 | KD9MJ  | Carson R. Gaston, Decatur, IL                 |
| 41347 | W8WVR  | Wayne R. McDaniel, Hamilton, OH               |
| 41362 | N8NWW  | James L. Barker, Portsmouth, OH               |
| 44014 | K8YZK  | Harry Tuttle, Flat Rock, MI                   |
| 44337 | N0CVS  | Robert Tyler, Columbus, NE                    |
| 44361 | WB0RKH | Wilber L. Mayes, Arvada, CO                   |
| 44963 | KA7NIA | Del S. Gans, Seattle, WA                      |
| 45225 | K1TOZ  | Lawrence Sava, North Quincy, MA               |
| 45755 | WD6AMA | Edward Valenta, Novato, CA                    |
| 45994 | N3NXX  | James O. Litton, Ridgway, PA                  |
| 46399 | WB6IMS | Edward Prystup, Gardnerville, NV              |
| 46401 | WA4JSW | Gary Janes, Boca Raton, FL                    |
| 46717 | KA9VRG | John A. Rosenkrans, Kingwood, TX              |
| 47098 | WB2HAU | Joseph Eshoffer, Clinton, NJ                  |
| 47354 | KB4YGW | Raymond L. Sipple, Sr., Plant City, FL        |
| 47769 | N8OSI  | Edward McCaffrey, Holt, MI                    |
| 48081 | KA3BDN | Harry W. Overholtzer, Gilbertsville, PA       |
| 48372 | N2IJC  | John C. Grigg, Lockport, NY                   |
| 49295 | WB0FBP | David L. Johannsen, Davenport, IA             |
| 49447 | N6RTD  | Frank H. Zellers, Jr., Quartzsite, AC         |
| 49837 | KE8YV  | Richard D. Kidd, Toledo, OH                   |
| 50147 | KG6SL  | Bert D. Thompson, Saipan, MP                  |

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# NEW CONTEST RULES

Effective January 1, 1997

The following rules apply only to the four (4) scheduled annual contests sponsored by Ten-Ten International. Rules for the special October "Sprint" contest are published in the *Ten-Ten NEWS*, available from the Contest Manager, or from the Ten-Ten web site.

1. **PHONE** contacts must be made in the 10-meter phone band on SSB, AM, or FM. CW contacts must be in the 10-meter band on CW or RTTY.

2. Exchange callsign, Name, State or Country and 10-10 Number. Some stations may request your county or other 10-10 Chapter information.

3. Single operator stations **only** are acceptable.

4. A station may be counted only once.

5. All contacts must take place during the 48 hour contest period.

6. Logs must be kept in UTC time.

7. A **DUPE** sheet is required of all participants regardless of number of contacts made. Computer duping is acceptable provided that the program has a resident sort program internal that will print out contacts in an alpha-numeric sequence. Manual duping may be done by the 100 square grid method. An alpha-numeric list of all non 10-10 contacts must accompany the grid type dupe sheet. Sample Dupe sheets are available from the Contest Manager for an SASE.

8. Chapter assignments of scores may be made only by a paid-up member belonging to that Chapter as a local member and be able to work its net via ground wave.

9. Illegible or improperly submitted logs, or failure to comply with these rules or their intent will result in disqualification.

10. Disqualified logs will appear in the results as Check Logs. No logs will be returned.

11. **SCORING:** Two (2) points per contact with 10-10 number exchange. One (1) point per contact without 10-10 number exchange. Multiply this result by the number of legitimate prefixes worked. Example: K1 W1 KA1 XE2 JA6 count as 5 multipliers. Be aware you should carefully keep track of your multipliers as to not duplicate. A multiplier may be used only once, regardless of suffix. You need not submit a multiplier dupe sheet, but be aware that disqualification criteria is 10% for all errors.

12. **CATEGORIES:** The categories which you may submit your logs for are: Individual, QRP, Club. In all categories you may assign your score to your appropriate Chapter.

12a. **Individual-** Rules as stated previous. OM/XYL or Families using one shared station with individual distinctive callsigns/10-10 numbers accepted.

12b. **QRP-** Rules as stated previous plus the

transmitter output power not to exceed 5 watts output CW, or 10 watts PEP SSB or 10 watts output AM/FM.

12c. **Club-** Rules as stated previous. Club stations must be a legitimate club with a membership of at least 5 with a distinctive **government issued callsign** and have its own 10-10 number registered to the club. All members operating the Club station during a contest must be paid up members of 10-10. Although multi-operator class is not generally accepted, we will allow multiple operators in Club competition only, provided that a list of all operators with proof of paid membership accompanies the submitted logs. Multi-transmitters (2 transmitters operating simultaneously, sharing one call sign) will not be accepted.

13. **Logs may be submitted for One (1) category only.** Example: QRP/Club not accepted. Individuals compete against individuals, QRP against QRP and Club against Club.

14. Scores will be reported in the *NEWS* by call area in each of the three categories,

(individual, QRP, Club) along with aggregate Chapter scores.

**AWARDS:** First place certificates to each US Call Area. Alaska is included in Area 7. Certificates to Canada, South America, Caribbean (including Bermuda), Europe, Africa, Asia, and the Pacific (which includes Australia, New Zealand, Hawaii and all other Pacific islands) will be awarded in each category.

**LOGS:** Logs are accepted from paid-up 10-10 members only, and must be complete and in full compliance with the rules. A **cover sheet** is required showing name, call, full QTH, 10-10 #'s, membership expiration date, Chapter assignment (if any), total contacts with and without 10-10#'s, total multipliers, total points, your home area (which is where you operated the from. Example: W6XYZ operating while on vacation in Florida, would indicate his home area as 4. JA3ABC would use JA as home area.) The back cover of the *NEWS* satisfies these requirements and is highly recommended. If a **cover sheet**, other than the *NEWS* is used, then it must be accompanied by a copy of the members dues card. A cover sheet can be down-loaded from the 10-10 web site. A **Dupe sheet** must accompany **ALL** logs.

**QUIET ZONE:** It is requested that 10-10 members have the courtesy to observe a "**QUIET ZONE**" between 28.490 and 28.510 MHz for those to use who do not desire to be involved in contesting.

**INQUIRIES:** Send all inquiries, (with SASE) to: Don Zielinski, K0PV #9902, Ten-Ten Contest Manager, Box DX, Genoa, CO 80818-0119, Phone: 719-763-2220 or 719-763-2296, or e-mail at: k0pv@juno.com



## Chapter Coordinators Column

(Continued from page 15)

have a number (e-mail or SASE to WB6RDK) and proof of paid up 10-10 dues. Contacts after 1 January 1996 only will apply. Logs must include: Bay Area number, call, QTH, 10-10 number, date of contact, and points claimed. Bay of Bridges upgrades to AC6FU, all others to WB6RDK. SASE or e-mail to Dave, WB6RDK for further information.

**PORTLAND BRIDGES** - New address for the CM, Dave Becker, K7PRZ, 428 South Gaylord, Denver, CO 80209-2718.

**LILAC CITY** - A recent update received from the Lilac City Chapter notes the new Certificate Manager is W7LBK, Earl Hawley, P O Box 14742, Spokane WA 99214-0742. KD7DFW, Russell Pohlod replaces K7YY, Al Lafky as Secretary/Treasurer.

**MULETOWN CHAPTER** - Starting 1 January 1997, the chapter will no longer issue the Muletown Bicentennial seal. This seal will be collectable and worth one point each for contacts after 0001 UTC on 1 January 1997. Please no retroactive contacts.

**TOM AND JERRY** - Awards for service to the chapter were recently awarded to KD4GTM, Karen, #66628, and KE4YXM, Pete, #67774. The Tom and Jerry Amateur of the Year 1996 Award went to NF4K, Frank Boardman, #67798, for his willingness to help the local amateurs, his assistance with Slow Scan TV, and his near perfect attendance to all the Tom and Jerry nets. Requests for chapter information can be obtained from KS4ZI@juno.com.

**TROTTERS AND PACERS** - Congratulations to the members of this chapter, two nets a week since 1978, well over 1500 consecutive nets. This chapter has been quietly and effectively promoting and keeping 10 meters active for many years.

**FORT MCHENRY/CORNERSTONE** - Special 1 through 31 January 1997. Collect W3FQN Memorial Award numbers for one point each to your Fort McHenry. Collect 'Cannon' numbers for five points each to your Cornerstone point value. Please, all upgrades to CM postmarked no later than 28 February 1997.

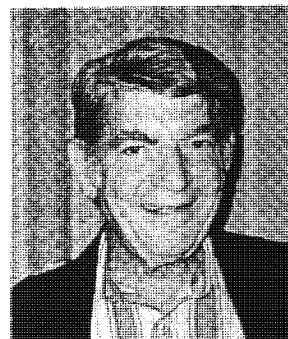
I must have my report in to the editor of the *News* no later than the first of the month of March, June, September, and December. In order to

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## 10-10 Reflections

By  
Morrie Goldman  
W6EHM #4189

10-10 Historian



Twenty years ago, I contributed the following article to the 10-10 Winter Quarterly Bulletin (now called *The News*), of December 1976.

"I am looking forward to an exceptional year in 1977 for the 10-10 Net. In the December 1975 Bulletin, plans were outlined for the Bicentennial year. In retrospect, I feel gratified that most of these plans have been realized. 10-10 now has an efficient computerized mailing service and the active mailing list is kept up to date through the diligent effort of Records Manager Lee Pasewalk, WB6MGM #213."

"The quality of the 10-10 Bulletins has certainly improved in 1976, with Chuck Albrecht, WA0YNQ #8105 (now N0CKW) as Editor. I am confident that 10-10 will have a first rate quarterly publication in 1977 and thereafter."

"Many bulletins have been returned with address corrections—an unnecessary expense (please notify 10-10 in Omaha, NE of address and call letter changes)."

"Our modest booth shared with QCWA at SAROC in January 1976 was followed by the operation of NC0ARL, the 10-10 booth and Forum at the ARRL National Convention, an outstanding achievement thanks to the Colorado 10-10 Chapter, Rich Richardson (SK), WB0FQD #10488, CH."

"10-10 also had representation at the ARRL Dakota Division Convention sponsored by the Minnesota Sky Blue Waters Chapter and at the ARRL South Florida Convention sponsored by the Suncoast Chapter and featuring Area 4 District Manager Clint Paine (SK), K4EKX #2388 as guest speaker. Hopefully this remarkable trend will continue with the first quarterly meeting to be held outside Southern California at SAROC in Las Vegas in 1977. I am concerned with the magnitude of our inactive members. We need a plan to encourage their reinstatement (note: we still do!). May I wish you and yours the best of Seasons Greetings!"

# Honor Roll

## SCHOLARSHIP FUND VOLUNTEERS

During the last quarter The following 10-10 members have become Scholarship Fund Volunteers for 1996:

|       |        |                  |
|-------|--------|------------------|
| 06894 | W9WYN  | Jack Miller      |
| 18760 | WD4EWB | Dave McCardell   |
| 43428 | KA0ZPP | Jim Fox          |
| 43493 | KA0TAO | Larry R. Ochs    |
| 44303 | KA0ZIA | Stephanie A. Fox |
| 44354 | W0RSD  | Norman Hanson    |
| 47959 | KK6BY  | Paul R. Avery    |
| 65432 | N1RLO  | Joseph T. Fratto |
| 67317 | NU6V   | Carl E. White    |
| 68306 | KB0TFT | Mike Hayden      |

Jack Miller, W9WYN #6894, who is serving his last year as Director, made a donation for the anniversary of his 10-10 membership and hopes that many members will follow his example. Jack also solicited a donation from Mike Hayden, KB0TFT #68306, at the ARRL National Convention in Peoria, IL.

Dave McCardell, WD4EWB #18760, 10-10 Director and Chapter Coordinator, made his contribution in memory of John E. O'Neill, KA1LEV #40403, and Charles J. O'Neill, KB7CNV #48917.

The following 10-10 members became Scholarship Fund Volunteers by making a contribution with their dues renewal:

|       |        |                        |
|-------|--------|------------------------|
| 00362 | W7COK  | Ralph E. Sims          |
| 08906 | W7COJ  | Lois B. Simes          |
| 11616 | AF5W   | L.L. Milliren          |
| 15479 | WB4VEJ | Glenn Cuthrell         |
| 29082 | KA7CII | Ernest Berninger       |
| 37762 | WU4P   | Chaplain J.R. Kelley   |
| 45301 | KA4NKJ | Lancelot W. Owens      |
| 45627 | N5CLX  | Elmer J. Nolte         |
| 48326 | WB2RQF | James Marino, Sr.      |
| 52198 | N5OOB  | Leonard W. Thomas      |
| 52428 | K1KHx  | Fred Dannenberger      |
| 63182 | KC6TDH | B.J. Johnson           |
| 64597 | N3OLK  | Herbert J. Scott       |
| 66744 | WA2WQZ | Nicholas J. Marro      |
| 66747 | WB2FMB | Gail S. Marro          |
| 66753 | KB2KLH | Nat Barr               |
| 67258 | KE4HMR | Curtis E. Boree        |
| 67267 | KE4WZY | Patrick T. Gorman, Sr. |
| 67521 | N4JUB  | Edward O. Brown III    |
| 67526 | KQ7E   | Michael J. Mello       |
| 67528 | KE4EZF | Dan A. James           |
| 67596 | KK5QR  | David S. Topp          |

Their donations are sincerely appreciated and help 10-10 to continue to support three

\$1,000 scholarships each year.

You can become a **Scholarship Fund Volunteer** by sending your contribution to: Morrie Goldman W6EHM #4189, Scholarship Manager, 21518 Marjorie Avenue, Torrance, CA 90503-6418. Make your check payable to the 10-10 Scholarship Fund. You will receive a **Certificate of Appreciation for the year 1997** in appreciation of your contribution.

## 10-10- SILENT KEYS

(Continued from page 17)

|       |        |                                       |
|-------|--------|---------------------------------------|
| 50928 | NH6ZF  | John H. King, Chula Vista, CA         |
| 53807 | KA2ELH | Thomas W. Condren, Old Bridge, NJ     |
| 53968 | WA0EKL | Allen H. Lingle, Arvada, CO           |
| 54163 | KB8IKZ | Patricia Zakrzewski, Warren, MI       |
| 54485 | KC4FFR | Ernest F. Daulton, Knoxville, TN      |
| 54618 | KB7FFA | Charles E. Marra, Portland, OR        |
| 54654 | N7NPE  | Robert L. Dickinson, Sequim, WA       |
| 55125 | KB4PLR | Jack A. Keefer, Old Town, FL          |
| 56331 | N0LUY  | Lewis W. Goolsby, Lawrence, KS        |
| 56497 | N6TBA  | Leonard C. Gallipeau, Morgan Hill, CA |
| 58507 | KA3WSM | Arthur Z. Nixon, Jr., Snow Hill, MD   |
| 59322 | KB0JEN | Matthew Murphy, Mason City, IA        |
| 59972 | KB7NDX | William J. Houghton, Seattle, WA      |
| 60547 | KC3MS  | Jack M. Gussman, Harrisburg, PA       |
| 61513 | AO6DU  | Willard Wiley, Jr., Bakersfield, CA   |
| 61997 | N3BWK  | William S. Sherry, Aberdeen, MD       |
| 62450 | N1NRN  | Myron F. Holbrook, Holbrook, MA       |
| 63633 | K8SJ   | Stuart P. Stephens, Girard, OH        |
| 64081 | WB9WCH | Jon O. Grasch, Griffin, IN            |
| 64720 | N4HMD  | Lloyd C. Wood, Shalimar, FL           |
| 65529 | WA2TJR | Franklin T. Merkler, Trumbull, Ct     |
| 67319 | K6RPQ  | Ed Ullom, Grass Valley, CA            |
| 67562 | N6IWT  | Floyd G. Olson, Arleta, CA            |
| 68219 | AE4DN  | Paul B. Sugg, Jr., Cove City, NC      |

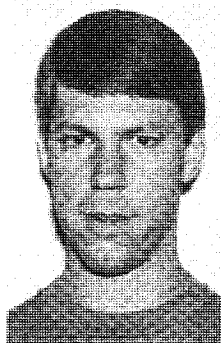
Please send all Silent Key listings and/or corrections to:  
Grace Dunlap, K5MRU #218, Silent Key Manager  
PO Box 445, LaFeria, TX 78559-0445



Lasse Holtti, OH6SU #49125 visiting with Lauri Vayrynen, OH6QP #54278 at his summer home in Ilmajoki, Finland

## treasurer's report

**Keith Schlottman**  
**KI7RK, #63324**  
**10-10 Treasurer**



### STATEMENT OF REVENUES & EXPENSES - CASH BASIS

SECOND QUARTER 1996-1997

1 JULY 1996 - 30 SEPTEMBER 1996

|                             | 2nd QTR          | Y-T-D           |
|-----------------------------|------------------|-----------------|
| <b>REVENUE</b>              |                  |                 |
| MEMBERSHIP DUES & FEES      | \$ 15,517        | \$ 30,443       |
| SCHOLARSHIP DONATIONS       | 1,026            | 1,201           |
| ROYALTIES & INTEREST        | <u>9,772</u>     | <u>11,227</u>   |
| TOTAL REVENUE               | 26,615           | 42,871          |
| <b>EXPENSES</b>             |                  |                 |
| POSTAGE & PRINTING FOR NEWS | 6,548            | 13,921          |
| OPERATING EXPENSES          | 6,998            | 10,614          |
| SCHOLARSHIPS                | 0                | 0               |
| ADMINISTRATIVE EXPENSES     | <u>2,086</u>     | <u>10,244</u>   |
| TOTAL EXPENSES              | <u>15,632</u>    | <u>34,779</u>   |
| <b>REVENUES</b>             |                  |                 |
| OVER (UNDER) EXPENSES       | \$ <u>10,983</u> | \$ <u>8,092</u> |

## QRM From The Treasurer

Ever wonder what 10-10 does with life membership fees? In order to make sure that funds will be available to provide our life members benefits in the future, we set aside a portion of those dues in an investment pool.

Safety of these investments is a top priority. The Board of Directors follows a policy of investing only in insured Certificates of Deposit. Efforts are made to obtain only the highest yielding C.D.'s. The earnings on these investments allow the organization to keep its life membership fees so low.

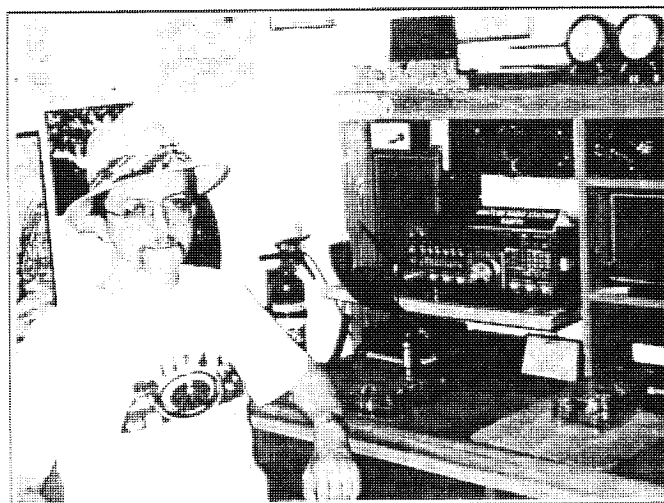
Speaking of membership fees, I hear that one of the "other clubs" will be raising their dues again next year. We are working hard to keep 10-10's costs as low as possible while continuing to provide members with maximum benefits. If you have any suggestions on ways that we can avoid the cost control problems that seem to plague the other organizations, please do not hesitate to let me know. I believe one of the reasons our club has not had those kind of problems is that we have so many hard-working volunteers. Be sure to tell them "thank you" if you run into them during a band opening!

## New Life Members

It is with pride that we honor the following members who have become *Life Members* of Ten-Ten through December 1, 1996

| CALL   | 10-10 # | NAME                   |
|--------|---------|------------------------|
| WA7ODG | 04315   | Maurice S Warner       |
| WB8KQJ | 05830   | Kenneth R Buser        |
| K7OLH  | 06368   | Richard C Chatfield Jr |
| WA8MJY | 07363   | Ronald H Gruninger     |
| W6TOQ  | 17380   | Ted Gradjelick Sr      |
| K5RQ   | 28427   | David W Brandenburg    |
| JL1PCJ | 30982   | Takayuki Naruse        |
| NE4U   | 31237   | Kenneth R Taylor       |
| WU4P   | 37762   | James R Kelley         |
| KB2CIB | 43992   | Caryl E Eckert         |
| KB5BDY | 47580   | Laurance M Nickey      |
| WD4PDZ | 60422   | David L Purifoy Jr     |
| WA2OLP | 65580   | Lawrence G. Stanecker  |
| VK6ASM | 66046   | George D Smith         |
| KS4UN  | 66958   | Frank J Corley         |
| AA1LP  | 67129   | Rudolph W Pierce       |
| K4OPN  | 67200   | Claude I Burkhead      |
| NU6V   | 67317   | Carl E White           |
| K9GF   | 67431   | Wayne R Busa           |
| WQ7A   | 67548   | Terrence W Dummier     |
| W8BNT  | 67609   | Richard L Petscher     |

You too can become a *Life Member* of 10-10  
See details on page 31.



Theodore Newburg, KA9FPI #48240  
Of Waupun, Wisconsin

### 1997 10-10 CONVENTION

July 10-13, 1997

Council Bluffs, Iowa, Ramada Inn

DETAIL INFORMATION FROM

Tom Henderson, K4CIF #33233

4901 15th Place East, Tuscaloosa, AL 35404-4522

# 10-10 AWARDS

AWARDS ISSUED THROUGH 30 NOVEMBER 1996

## TOP TEN HONOR ROLL

Allen Mattis  
N5AFV, #27571

| CALL   | 10-10 # | CONT   |
|--------|---------|--------|
| WA5JDU | 3017    | 23,200 |
| W0RWC  | 518     | 19,400 |
| WB1DBZ | 26001   | 18,600 |
| PJ2WG  | 27999   | 17,000 |
| K5MRU  | 218     | 16,500 |
| W4WKQ  | 33299   | 16,100 |
| WB7NUU | 17416   | 11,800 |
| WA9LIC | 1599    | 11,600 |
| K0PV   | 9902    | 11,500 |
| N5CUQ  | 40      | 11,400 |

## 500 BAR AWARDS

Bob Peschka  
K7QXG, # 5956

| VP # | CALL   | 10-10- # |
|------|--------|----------|
| 2866 | WB5MMM | 21827    |
| 2867 | K5PUD  | 67061    |
| 2868 | KC4IUI | 63584    |
| 2869 | KE4BPL | 65136    |
| 2870 | KB8TAG | 65970    |
| 2871 | KD4CJG | 66169    |
| 2872 | WB4FBS | 48461    |
| 2873 | WN3R   | 58505    |
| 2874 | K5NE   | 3699     |
| 2875 | N5WYR  | 62116    |
| 2876 | N9VKE  | 66452    |
| 2877 | HB9ACA | 25993    |
| 2878 | KD4GTM | 66628    |
| 2879 | WA9EZX | 54953    |
| 2880 | WB2RCB | 12127    |
| 2881 | KI7RK  | 63324    |
| 2882 | WD9CYC | 66406    |
| 2883 | KO4DM  | 60720    |
| 2884 | N9JLY  | 55941    |
| 2885 | KA4HLJ | 50786    |
| 2886 | KA1ZOV | 61669    |

## 1000 + BAR AWARD

Allen Mattis  
N5AFV, # 27571

## 1000 BAR

| CERT # | CALL   | 10-10 # |
|--------|--------|---------|
| 1411   | N9RZQ  | 65353   |
| 1412   | WM0M   | 51784   |
| 1413   | N1PDV  | 63955   |
| 1414   | N0CSM  | 51014   |
| 1415   | K4ADB  | 17538   |
| 1416   | HB9ACA | 25993   |
| 1417   | F6BXQ  | 25912   |

## 2500 BAR

|     |        |       |
|-----|--------|-------|
| 368 | KC5BKT | 64386 |
| 369 | AA1KS  | 56510 |
| 370 | KE4CRU | 65133 |
| 371 | W9MVP  | 50644 |

## 5000 BAR

|    |        |       |
|----|--------|-------|
| 70 | WA5JDM | 23630 |
|----|--------|-------|

## LUCKY 13 AWARD

Bob Peschka  
K7QXG, # 5956

| CERT # | CALL  | 10-10 # |
|--------|-------|---------|
| 396    | N7LNC | 46269   |
| 397    | N3NOP | 63098   |
| 398    | KK5DO | 65027   |
| 399    | K7QXG | 5956    |
| 400    | AE4JM | 66932   |

## VP AWARDS

Carl Fisher  
W0HIK, #40678

## VP - 100

| CERT # | CALL   | 10-10- # |
|--------|--------|----------|
| 362    | W4KEM  | 41824    |
| 363    | AA6ZW  | 62075    |
| 364    | AB0BC  | 20423    |
| 365    | N9RDZ  | 62997    |
| 366    | WD5HCH | 43145    |
| 367    | N1UHX  | 67133    |
| 368    | K4CIH  | 33233    |
| 369    | KD4IBI | 61844    |
| 370    | KA1YDH | 59140    |
| 371    | K4ADB  | 17538    |
| 372    | NK0S   | 34184    |
| 373    | KA3VDN | 56669    |

## VP - 200

|     |        |       |
|-----|--------|-------|
| 176 | KE4QQR | 66995 |
| 177 | N6TXT  | 50198 |
| 178 | WD5HCH | 43145 |
| 179 | W4KEM  | 41824 |
| 180 | K4CIH  | 33233 |
| 181 | N9RDZ  | 62997 |

## VP - 300

|     |        |       |
|-----|--------|-------|
| 109 | KD4CPB | 60750 |
| 110 | K4CIH  | 33233 |
| 111 | AA1KS  | 56510 |

## VP - 400

|    |        |       |
|----|--------|-------|
| 72 | KC5BKT | 64386 |
| 73 | K4CIH  | 33233 |
| 74 | KB5UNX | 64337 |

## VP - 500

|    |        |     |
|----|--------|-----|
| 24 | WB4SWK | 872 |
|----|--------|-----|

## VP - 700

|    |       |      |
|----|-------|------|
| 17 | K9EHP | 2847 |
|----|-------|------|

## VP - 1400

|   |       |       |
|---|-------|-------|
| 3 | KC9OZ | 35140 |
|---|-------|-------|

## WORKED ALL CONTINENTS AWARD

Mark Taylor Murphy  
KC4HIT, # 57448

| CERT # | CALL   | 10-10 # |
|--------|--------|---------|
| 472    | WB6JVP | 63117   |

## COUNTY HUNTER AWARD

Alice Jenkins  
NR4R, # 31223

## 100 COUNTIES

| CERT # | CALL   | 10-10 # |
|--------|--------|---------|
| 388    | F6BXQ  | 25912   |
| 389    | N9RDZ  | 62997   |
| 390    | N7YBX  | 62538   |
| 391    | AA9RQ  | 67465   |
| 392    | G4KHF  | 34443   |
| 393    | N1IXF  | 67158   |
| 394    | WB0YVG | 67924   |
| 395    | KB9JIF | 67454   |

## 200 COUNTIES

|        |       |
|--------|-------|
| F6BXQ  | 25912 |
| N9RDZ  | 62997 |
| KE4BPL | 65136 |
| KB7RUQ | 66380 |
| KB9JIF | 67454 |

## 300 COUNTIES

|       |       |
|-------|-------|
| N9RDZ | 62997 |
| AC5HM | 65048 |

## 400 COUNTIES

|       |       |
|-------|-------|
| N9RDZ | 62997 |
| N0GIV | 42644 |
| N1UHX | 67133 |

## 500 COUNTIES

|    |        |       |
|----|--------|-------|
| 91 | N1PDV  | 63995 |
| 92 | WD4EWB | 18760 |
| 93 | N5AFV  | 27571 |

## 600 COUNTIES

|        |       |
|--------|-------|
| WA5BBR | 31022 |
| WB6OMH | 6608  |

## 700 COUNTIES

|        |       |
|--------|-------|
| WB1DBZ | 26001 |
| KA1TFU | 52461 |

## 800 COUNTIES

|        |       |
|--------|-------|
| KB5UNX | 64337 |
| KC5BKT | 64386 |
| KB7ARN | 44977 |

## 900 COUNTIES

|        |       |
|--------|-------|
| AA1KS  | 56510 |
| KC5BKT | 64386 |

## 1100 COUNTIES

|        |       |
|--------|-------|
| WB5SKQ | 11825 |
|--------|-------|

## COUNTRIES AWARD

Russ Gauthier  
N5EJS, # 1525

## 25 Countries

| CERT # | CALL   | 10-10 # |
|--------|--------|---------|
| 508    | CT1AHU | 23437   |
| 509    | K1TXU  | 50086   |
| 510    | N5VWM  | 60074   |
| 511    | W7DIF  | 42260   |
| 512    | KR5O   | 35835   |
| 513    | UA9OJ  | 45855   |
| 514    | KB2JHF | 64215   |
| 515    | N8XSV  | 64811   |
| 516    | WB0GFV | 43419   |
| 517    | N6TXT  | 50198   |
| 518    | LU5EWO | 66016   |
| 519    | AA2FS  | 59465   |
| 520    | WD5HJC | 21786   |
| 521    | VE7ACM | 30939   |
| 522    | VE7AAP | 50407   |
| 523    | WD8BTY | 55881   |
| 524    | WB6JVP | 63117   |

## 35 COUNTRIES

|     |        |       |
|-----|--------|-------|
| 280 | CT1AHU | 23437 |
| 281 | N5VWM  | 60074 |
| 282 | VE3NLU | 35992 |
| 283 | WA5HWI | 63313 |
| 284 | KR5O   | 35835 |
| 285 | N9KLH  | 58657 |
| 286 | N6TXT  | 50198 |
| 287 | N2PKX  | 61789 |
| 288 | KG8HW  | 62839 |

(Continued on page 23)

# 10-10 AWARDS

AWARDS ISSUED THROUGH 30 NOVEMBER 1996

(Continued from page 22)

289 W5NDK 24910  
290 W9BZP 38229  
291 ZL1LE 23497

## 45 COUNTRIES

200 N8KOJ 58807  
201 N5VWM 60074  
202 KD4IBI 61844  
203 KC5BKT 64386  
204 KG8HW 62839  
205 W9BZP 38229

## 55 COUNTRIES

142 N5VWM 60074  
143 K9EHP 2847

## 65 COUNTRIES

95 N5VWM 60074  
96 N6GDS 36046  
97 OZ1ACB 36953  
98 KD4CPB 60750  
99 K9EHP 2847  
100 N5EJS 1525

## 75 COUNTRIES

67 N5EJS 1525  
68 N5VWM 60074  
69 N6GDS 36046  
70 K9EHP 2847  
71 HP2CWB 42071

## 80 COUNTRIES

49 N5VWM 60074  
50 HP2CWB 42071  
51 CT4UW 35051  
52 N5EJS 1525  
53 K9EHP 2847

## 85 COUNTRIES

49 N5VWM 60074  
50 CT4UW 35051  
51 WD8MQJ 30405  
52 K9EHP 2847  
53 N5EJS 1525

## 90 COUNTRIES

37 K9EHP 2847

## 105 COUNTRIES

29 UY5OQ 25931

## 110 COUNTRIES

26 UY5OQ 25931

## 115 COUNTRIES

23 UY5OQ 25931

## 120 COUNTRIES

18 UY5OQ 25931

## 125 COUNTRIES

14 WA5BRR 31022

## 130 COUNTRIES

14 WA5BRR 31022

## 155 COUNTRIES

4 AA4UF 41176

## 165 COUNTRIES

3 IK5DPW 47482

## 210 COUNTRIES

2 DJ4BE 49153

## 235 COUNTRIES

1 KC5CP 24949

## OM/XYL

## AWARD

Pat Hibos  
KH6OE, # 28842

## BASIC - 10 TEAMS

CERT # CALL 10-10 #  
379 AA8XK 62839  
380 K5PUD 67061

## 25 TEAMS

377 N6TXT 50198  
378 KA9YTR 48248

## 50 TEAMS

314 W8HFK 24023

## 75 TEAMS

337 KC5BKT 64386

## WORKED

## ALL STATES

Scott Brackeen  
AI1M, # 23966

CERT # CALL 10-10 #  
2304 N4ZCG 56067  
2305 KI6RH 54722  
2306 KA2NJE 49721

## WORKED ALL STATE CAPITALS

Paul Johnson  
N4JII, # 37708

## 20 CAPITALS

NONE

## WORKED ALL STATES MOBILE

Dave Becker  
K7PRZ, # 47633

CERT # CALL 10-10 #  
9 K0JPW 4541  
10 WD4EWB 18760  
11 KD4GTM 66628  
12 K5PUD 67061  
13 WB0YVG 67924

## 50 CONTACTS

KC5BKT 64386

## 75 CONTACTS

KC5BKT 64386

## 100 CONTACTS

KC5BKT 64386

## WPX (PREFIX) AWARD

Bill Montgomery  
KB3GW, # 35517

## 100 PREFIX

CERT # CALL 10-10 #  
223 W9BZP 38229  
224 WB0YVG 67924  
225 N7YBX 62538

## 300 PREFIX

69 KC5BKT 64386

Compiled and typeset by Awards Editor  
Linda Barnes, KJ4FM #43299

## Scholarship Fund News 1997 Applications Now Being Accepted

by Morrie Goldman, W6EHM #4189

Treasurer Keith D. Schlottman, KI7RK #63324, has again forwarded a check to the Foundation for Amateur Radio to fund three \$1,000 scholarships on behalf of the 10-10 International Net. FAR will administer a total of 60 scholarships in 1997 for this most worthy amateur radio program.

Licensed Radio Amateurs may compete for these three 10-10 scholarships if they plan to pursue a full-time course of study beyond high school and are enrolled in or have been accepted at an accredited university, college or technical school.

Additional information and an application form may be requested by letter or QSL card prior to April 30, 1997 from:

FAR Scholarships  
6903 Rhode Island Avenue  
College Park, MD 20740-3713

Applicants for the 10-10 Scholarships must provide a written recommendation from a current, active 10-10 member (one whose dues are paid current). Applications must be signed and received by FAR prior to June 1, 1997.



# 1996 SUMMER PHONE CONTEST RESULTS

## TOP TEN WORLD

| CALL   | QSOs | PTS  |
|--------|------|------|
| N2EOC  | 705  | 1246 |
| NA9A   | 533  | 963  |
| KB5UNX | 525  | 951  |
| WA5JDU | 508  | 915  |
| K05CP  | 500  | 901  |
| N5VAV  | 478  | 871  |
| AA7QO  | 448  | 798  |
| KQ4PK  | 365  | 653  |
| NI3I   | 363  | 646  |
| AE4ID  | 355  | 638  |

## AREA 1

| CALL   | QSOs | PTS |
|--------|------|-----|
| KD1YN  | 293  | 535 |
| WB1DVR | 241  | 435 |
| AA1KS  | 136  | 255 |
| KA1ZOV | 119  | 236 |
| KB1BIG | 107  | 214 |
| N1QDX  | 102  | 194 |
| WA1DUZ | 92   | 182 |
| K1IEQ  | 91   | 178 |
| AA1LD  | 75   | 149 |
| W1NCO  | 72   | 140 |
| KA1MLC | 57   | 111 |
| N1RYN  | 45   | 90  |
| W1SIX  | 45   | 86  |
| KA1YHI | 38   | 75  |
| KB1AWE | 37   | 72  |
| W1MXI  | 34   | 67  |
| W1RFW  | 33   | 65  |
| KD1NE  | 32   | 62  |
| W1SQM  | 31   | 62  |
| N1TLG  | 26   | 52  |
| N1STE  | 24   | 46  |
| N1PVT  | 23   | 46  |
| N1RLO  | 21   | 42  |
| KA1CRA | 12   | 24  |

## AREA 2

| CALL   | QSOs | PTS  |
|--------|------|------|
| N2EOC  | 705  | 1246 |
| KF5UN  | 277  | 505  |
| WA2YFL | 273  | 492  |
| WA2SUH | 162  | 300  |
| WA2JQK | 163  | 291  |
| KA2SKO | 107  | 205  |
| WB2LLH | 86   | 163  |
| WB2HIW | 85   | 161  |
| KG2GL  | 81   | 150  |
| KF2XF  | 78   | 141  |
| K2HCP  | 64   | 124  |
| N2YBC  | 55   | 102  |
| N2LQQ  | 50   | 96   |
| KG2EH  | 48   | 90   |

|        |    |    |
|--------|----|----|
| KB2MRI | 44 | 88 |
| K2HLC  | 42 | 82 |
| AA2KJ  | 35 | 70 |
| W2PWF  | 35 | 68 |
| W2KZE  | 27 | 54 |
| N2XSE  | 26 | 50 |
| KD2NN  | 23 | 46 |
| WB2ZSW | 23 | 45 |

## AREA 3

| CALL   | QSOs | PTS |
|--------|------|-----|
| NI3I   | 363  | 646 |
| K03PZ  | 324  | 572 |
| KE3WV  | 122  | 237 |
| N3UNF  | 73   | 142 |
| K3TUJ  | 70   | 133 |
| KA3VDN | 62   | 115 |
| KB3AGZ | 60   | 110 |
| W3EHZ  | 58   | 110 |
| NA3H   | 58   | 109 |
| N3RHQ  | 45   | 89  |
| KA3QOY | 39   | 75  |
| KA3YAH | 33   | 63  |
| N3DUE  | 30   | 60  |
| WB3AXE | 20   | 40  |
| N3GZE  | 19   | 38  |
| WA3NSR | 11   | 21  |
| WA3JXW | 3    | 6   |

## AREA 4

| CALL   | QSOs | PTS |
|--------|------|-----|
| KQ4PK  | 365  | 653 |
| AE4ID  | 355  | 638 |
| K4HTU  | 336  | 634 |
| KE4PE  | 308  | 573 |
| W4WKQ  | 287  | 522 |
| N4ZCG  | 250  | 452 |
| K4QFK  | 240  | 452 |
| KE4HBK | 243  | 445 |
| KJ4RV  | 239  | 438 |
| NK0S   | 237  | 435 |
| KT4IL  | 230  | 427 |
| KC4SDU | 221  | 409 |
| KF4DPX | 221  | 409 |
| WA4HMX | 203  | 406 |
| KL7NL  | 222  | 405 |
| N4ANV  | 188  | 355 |
| KF4CRD | 184  | 341 |
| N4UGH  | 178  | 338 |
| KC4TBS | 177  | 335 |
| KA1VRF | 161  | 305 |
| K4CIH  | 163  | 304 |
| WA4QDM | 161  | 289 |
| N4OT   | 159  | 286 |
| K4PXO  | 147  | 278 |
| N2EGO  | 139  | 269 |
| N4GQM  | 133  | 262 |

|        |     |     |
|--------|-----|-----|
| N4FBY  | 129 | 252 |
| W4MYA  | 135 | 243 |
| KC4YVA | 115 | 224 |
| KD4VFI | 112 | 220 |
| K4SYX  | 116 | 218 |
| AE2L   | 109 | 214 |
| KJ4SJ  | 107 | 209 |
| K64RX  | 115 | 204 |
| AC4OC  | 100 | 193 |
| AE4TC  | 94  | 181 |
| KD4IBI | 92  | 171 |
| KA4YIP | 83  | 166 |
| KO4MM  | 87  | 163 |
| WA2HQB | 81  | 158 |
| K9EHP  | 79  | 154 |
| KE4KGB | 75  | 147 |
| AD4MG  | 70  | 137 |
| KC4JAN | 69  | 129 |
| KR4OE  | 66  | 127 |
| W4WJV  | 64  | 127 |
| WV4Y   | 64  | 123 |
| W4MGS  | 56  | 108 |
| W6TRL  | 55  | 103 |
| KU4W   | 53  | 103 |
| KD4MHH | 50  | 99  |
| N4EWG  | 49  | 98  |
| KE4YXC | 45  | 98  |
| N4ERM  | 49  | 96  |
| KF4DTQ | 41  | 81  |
| WA4NOW | 35  | 70  |
| AA4PR  | 34  | 67  |
| KB4BBC | 32  | 64  |
| AD4TL  | 31  | 61  |
| KE4PRL | 31  | 60  |
| W2EQQ  | 27  | 54  |
| KE4HW  | 27  | 54  |
| KR4JQ  | 25  | 50  |
| KE4DEV | 15  | 29  |
| KT4NS  | 11  | 22  |
| W4EHF  | 8   | 16  |
| K4IJK  | 8   | 16  |
| KD4AMP | 7   | 14  |

## AREA 5

| CALL   | QSOs | PTS |
|--------|------|-----|
| KB5UNX | 525  | 951 |
| WA5JDU | 508  | 915 |
| K05CP  | 500  | 901 |
| N5VAV  | 478  | 871 |
| K05AQU | 325  | 608 |
| W5GVP  | 314  | 593 |
| K5QQT  | 310  | 572 |
| KJ5RC  | 308  | 572 |
| W5NDK  | 302  | 560 |
| K05BKT | 291  | 549 |
| W5OXA  | 300  | 544 |
| NX5T   | 246  | 459 |

|        |     |     |
|--------|-----|-----|
| N5EJS  | 241 | 450 |
| N5VAU  | 210 | 396 |
| WB5PNL | 210 | 383 |
| WD5BFO | 207 | 381 |
| WA5JDM | 194 | 364 |
| K05BFM | 195 | 355 |
| N5QVS  | 133 | 259 |
| K05NMR | 132 | 257 |
| K5HGL  | 133 | 255 |
| KK5DO  | 131 | 244 |
| AF5W   | 126 | 243 |
| N5WYR  | 128 | 240 |
| WA5BBR | 121 | 235 |
| W5RUK  | 116 | 230 |
| KB5FET | 118 | 226 |
| W5EIJ  | 115 | 220 |
| KJ5TG  | 114 | 220 |
| K05BTU | 118 | 218 |
| KF5CA  | 110 | 205 |
| N5DAS  | 105 | 205 |
| WA5EXY | 105 | 199 |
| WA5RNV | 101 | 198 |
| WB5HE  | 98  | 190 |
| WD8JKV | 92  | 179 |
| KB5DQX | 92  | 179 |
| N2SE   | 89  | 172 |
| WD5EDR | 81  | 156 |
| N5AFV  | 78  | 149 |
| K05OBT | 78  | 149 |
| W5CJZ  | 75  | 145 |
| K4NF   | 72  | 144 |
| K05RZD | 70  | 136 |
| KB5BTU | 70  | 131 |
| KB3GW  | 65  | 128 |
| KB5VHV | 63  | 126 |
| WA5KYO | 65  | 125 |
| KD5ZD  | 62  | 122 |
| W5UFA  | 62  | 120 |
| KB5OHC | 58  | 115 |
| KK5NA  | 50  | 100 |
| K05PRC | 49  | 93  |
| N5FTF  | 46  | 89  |
| N5ACH  | 43  | 86  |
| K05RYQ | 39  | 78  |
| KK5QA  | 36  | 72  |
| AA5XQ  | 37  | 71  |
| N5ANN  | 36  | 70  |
| N5JVN  | 34  | 67  |
| WX5I   | 30  | 59  |
| K05FFH | 25  | 50  |
| K05VAT | 25  | 48  |
| N5LBZ  | 23  | 45  |
| K05VKK | 23  | 43  |
| KJ5L   | 22  | 43  |
| WB5RKI | 20  | 39  |
| N5POS  | 19  | 38  |

(Continued on page 25)

# 1996 SUMMER PHONE CONTEST RESULTS

(Continued from page 24)

|        |    |    |
|--------|----|----|
| KA5OVO | 14 | 28 |
| WD5HJC | 13 | 26 |
| AB5X   | 11 | 22 |
| WA5HWI | 9  | 18 |
| AB5CY  | 6  | 12 |

## AREA 6

| CALL    | QSOs | PTS |
|---------|------|-----|
| KD4GW   | 323  | 577 |
| WB6NYM  | 138  | 260 |
| KB6NAN  | 134  | 251 |
| WB6NFO  | 153  | 248 |
| KC6SEH  | 133  | 237 |
| KE6BUM  | 127  | 213 |
| K6LPO   | 100  | 172 |
| W6AQ    | 87   | 154 |
| KE6DLN  | 83   | 154 |
| WB6RDK  | 82   | 150 |
| N6TXT   | 80   | 148 |
| KJ6JO   | 89   | 147 |
| W6KVA   | 78   | 140 |
| AC6QP   | 76   | 133 |
| WA6VLS  | 66   | 123 |
| KB6AN   | 64   | 122 |
| KB6YX   | 64   | 122 |
| KE6LZH  | 70   | 112 |
| WA6YRL  | 59   | 110 |
| K6OYX   | 54   | 114 |
| K6EHA   | 52   | 97  |
| K6IQY   | 50   | 97  |
| WB6AOJ  | 47   | 89  |
| N6YSQ   | 46   | 84  |
| AC6FU   | 42   | 83  |
| W6VKP   | 41   | 78  |
| KE6DSQ  | 37   | 73  |
| KB6DXR  | 36   | 71  |
| KB6SWH  | 30   | 59  |
| KB6SWI  | 30   | 59  |
| N6MCF   | 23   | 44  |
| K6VMN   | 23   | 42  |
| W6MRI/6 | 16   | 32  |
| KB7JRC  | 16   | 31  |
| WA6OCP  | 15   | 30  |
| K6SLR   | 15   | 29  |
| KC6RJR  | 14   | 27  |
| WA7NOD  | 12   | 23  |
| KI6OY   | 9    | 18  |
| KA7APP  | 7    | 13  |
| KB6DLT  | 4    | 8   |

## AREA 7

| CALL   | QSOs | PTS |
|--------|------|-----|
| AA7QC  | 448  | 798 |
| KB7RUQ | 246  | 435 |
| KI7RK  | 191  | 358 |
| AB7IZ  | 166  | 296 |

|        |     |     |
|--------|-----|-----|
| KB7EQW | 154 | 282 |
| WB7SWM | 90  | 161 |
| N7TQC  | 82  | 149 |
| N7QOZ  | 80  | 146 |
| K7QLC  | 76  | 137 |
| N7QHC  | 77  | 123 |
| N7MYM  | 61  | 106 |
| K7PVZ  | 61  | 102 |
| WB7TIR | 42  | 80  |
| N7YBX  | 41  | 76  |
| KO7FTH | 35  | 65  |
| N7PFU  | 33  | 65  |
| W7QMP  | 27  | 50  |
| KB7THX | 21  | 42  |
| KB7QMQ | 17  | 34  |
| WA6HMY | 13  | 22  |
| NX7N   | 8   | 16  |

## AREA 8

| CALL   | QSOs | PTS |
|--------|------|-----|
| WA8ETY | 205  | 365 |
| W8PJY  | 164  | 300 |
| KN4RI  | 146  | 276 |
| W8KVU  | 108  | 217 |
| KB8FGM | 109  | 210 |
| W8JSM  | 101  | 194 |
| W8LBQ  | 96   | 177 |
| WD8MQJ | 85   | 164 |
| KB8HGY | 68   | 134 |
| WB8BUQ | 68   | 128 |
| KB8OKK | 64   | 121 |
| KC8DGU | 53   | 100 |
| N8KOJ  | 47   | 92  |
| NU8U   | 20   | 40  |
| WD8MZD | 15   | 30  |
| W8IIO  | 15   | 30  |
| N8MJV  | 14   | 28  |
| WD8KAY | 14   | 28  |

## AREA 9

| CALL   | QSOs | PTS |
|--------|------|-----|
| NA9A   | 533  | 963 |
| WD9CYC | 293  | 536 |
| N9PQU  | 253  | 470 |
| WD9IUC | 200  | 378 |
| KE9WZ  | 172  | 141 |
| KF9FU  | 167  | 324 |
| W9WYN  | 152  | 291 |
| KA9MTY | 149  | 277 |
| N9LWN  | 133  | 262 |
| KB9FGD | 136  | 250 |
| KB9JIF | 125  | 234 |
| KE9QW  | 118  | 233 |
| WA9TWE | 114  | 224 |
| KD9XP  | 112  | 222 |
| WA9OFH | 104  | 208 |
| WA9OHU | 102  | 202 |

|        |    |     |
|--------|----|-----|
| KA9AMQ | 92 | 189 |
| WA9RIJ | 83 | 164 |
| N9VKE  | 80 | 159 |
| WA9SFH | 75 | 143 |
| N9KUW  | 78 | 141 |
| KC9OZ  | 72 | 138 |
| WA9KIN | 68 | 135 |
| WA9TPQ | 70 | 132 |
| K9KKX  | 62 | 124 |
| N9AAI  | 58 | 111 |
| KA9FCF | 56 | 109 |
| KE9VK  | 52 | 104 |
| AK9Y   | 45 | 88  |
| N9GWU  | 41 | 81  |
| KA9MXM | 40 | 78  |
| K0ZTI  | 39 | 78  |
| N9UZC  | 31 | 62  |
| WA9ZLT | 25 | 50  |
| KF9TB  | 22 | 44  |
| KA9QDK | 9  | 18  |
| W9KCM  | 6  | 12  |

## AREA ZERO

|        |     |     |
|--------|-----|-----|
| WB5SKQ | 225 | 413 |
| K0PVI  | 211 | 385 |
| AB0AH  | 163 | 308 |
| W0RTV  | 154 | 298 |
| WB0CON | 214 | 292 |
| KB0SZG | 136 | 243 |
| W0ERZ  | 120 | 228 |
| KB0SZK | 116 | 218 |
| K0LWV  | 100 | 195 |
| KB0MZE | 89  | 171 |
| KF0ZL  | 76  | 148 |
| W0HIK  | 79  | 147 |

|        |    |     |
|--------|----|-----|
| WB0RHR | 75 | 142 |
| W0DRV  | 64 | 124 |
| N0MSB  | 60 | 117 |
| WB0DML | 59 | 114 |
| K0MYD  | 57 | 111 |
| KB4AJ  | 55 | 110 |
| KG0CV  | 52 | 103 |
| KD0IR  | 50 | 100 |
| W5SRQ  | 48 | 96  |
| N0LTG  | 48 | 93  |
| WB0CCF | 41 | 80  |
| WB0GGG | 32 | 63  |
| KB0RQE | 30 | 53  |
| KF0EX  | 27 | 53  |
| WA0ZWW | 30 |     |
| N0IBT  | 15 | 30  |
| KA0EIC | 14 | 27  |

## DX AREA

| CALL   | QSO'S | PTS |
|--------|-------|-----|
| VA3DE  | 202   | 371 |
| VA3SWG | 185   | 337 |
| VE7IH  | 79    | 140 |
| VE7IDV | 79    | 140 |
| LU9AVY | 23    | 46  |
| JH1UUT | 41    | 45  |
| ZL1LE  | 15    | 23  |
| ZL1KQ  | 14    | 23  |
| WP4LNY | 20    | 22  |
| F6BXQ  | 12    | 15  |
| ZL1BZK | 4     | 8   |
| VE7ACM | 2     | 4   |
| VE7AAP | 2     | 4   |
| VE7WPC | 2     | 4   |
| G4BLH  | 2     | 2   |

Chapter Scores Listed on Page 27

## A Note from the President.....

By Tom Henderson, K4CIH #33233

I have just had a long conversation with our data manager. It seems there are a number of members that are not holding up their end. We are trying our best to bring you the quickest service we can with the News, renewals, etc. What we need you to do is to please let us know if you do not receive the News, if your membership renewal is not right, if you haven't heard from us on any matter in an acceptable length of time. Please check your mailing label each time you receive the News. It tells you the expiration date of your paid up dues. Do not put off renewing as you may not get the next issue of

(Continued on page 29)

## Mobile Notes

By Gene Tyree  
N4ANV #18712

First let me introduce myself to you. My Name is Gene Tyree, N4ANV is my call. I live in Fayetteville, NC which is in the county of Cumberland. I have been a ham for nearly 20 years, and I have enjoyed every day of it. I began with 10-10 from the very beginning. I was operating on 10 meters one day in 1977, and a guy ask if I had a 10/10 number and I didn't know what he was talking about. The gentleman took the time to explain the purpose and need for having a 10-10 organization. I have tried to determine which one of those first 10 to 15 contacts in my 10/10 logs was so kind to take the time to explain this to me but I just don't know which one took the time to share. In just a few days I was busy chasing those certificates with a 10/10 # of 18712, and have given it on the air many thousands of times since. My Wife Pat, KC4TBS, is also a ham, and her 10-10 is 57419, so catch us both for a YL-OM contact.

Other activities that I have enjoyed very much include Certificate chasing. I am Possom Trotter 3 C, and was one of the founders of this chapter. This chapter is still active and is a vital part of our local club. As a 10/10 # collector I now have the 900 bar, and am preparing to summit over a thousand more. My VP # is 2737. As a Possom Trotter I take part in our efforts to stay on top of the pile in the 10/10 QSO parties. You will find us listed with the rest of our Possom Trotter friends. During the last QSO party there were around 534 contacts made from my station, when you worked me, N4ANV, you also got My Wife KC4TBS, and our good friend PAT, N4UGH. I always tell the guys, it's

two Pats and a Gene for the price of one. Look for us in the next QSO party.

As for my mobile operating, I have operated from my mobile for many hours and many many miles. In the last year my wife and I operated from 721 counties to include 21 states while traveling on a 33,000 mile trip. While on this trip we made over 7,000 contacts. We operated on 10, 20, 40, and 80 meters. During the lower forty-eight, we used our Lincoln Town Car, and while in Alaska we drove a Chevrolet Corsica, for 4,700 miles, a rental car. As for the radios I used an Icom 706, and also a Kenwood 450. The antenna was a 6 ft mast with two resonators mounted, one for 20 and one for 40, somehow it has a nice SWR on 10. We also had a converted 11 Meter Mag-mount antenna mounted to use.

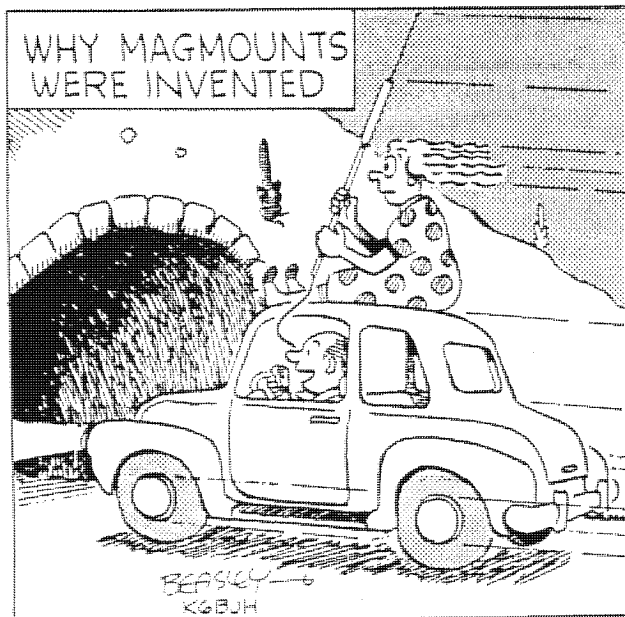
Yes if you guessed that I am one of those persistent, dogmatic, relentless county hunters, YOU ARE RIGHT!!! I have worked them all between 2 and 5 times, now boy that makes a lot of sense doesn't it.

My present attempt at county hunting is working all counties from fixed station. While on the trip we operated from all 721 counties on 28.336. This is a place where we look for county hunters. The only problem was that we did not have much propagation as the band was hardly ever open. Now as the band gets better and we see conditions getting better then we will find an increase in the use of this mobile frequency for mobile operation. Listen for me operating mobile on 28.336. You will also find

a good number of other mobile operators listening there, come join us.

When the Editor ask me to write this article on mobile operation, I ask him what he wanted it to include, and here are some the things we discussed. Antennas and their installation, noise abatement, operating techniques, radio installation, mobile trips that can be listed in a timely fashion, and special needs for contacts from special places. We want this to be an article

(Continued on page 29)



## 1996 SUMMER PHONE CONTEST CHAPTER RESULTS

| CHAPTERS           | LOGS | SCORE |
|--------------------|------|-------|
| REPUBLIC OF TEXAS  | 31   | 7528  |
| POSSUM TROT        | 22   | 5431  |
| OLD DOMINION       | 17   | 3489  |
| BATTLE ROAD        | 24   | 3272  |
| S.H.O.T.           | 16   | 2910  |
| CITY OF LIGHTS     | 16   | 2806  |
| STEEL CITY         | 11   | 2356  |
| GOLDEN BEAR        | 13   | 2036  |
| C.A.T.T.           | 14   | 1744  |
| SUN COAST          | 7    | 1655  |
| BLUE BONNET        | 5    | 1616  |
| COLORADO BIGHORN   | 3    | 1475  |
| LIGHT HOUSE        | 4    | 1391  |
| FT. MCENRY         | 11   | 1341  |
| TROTTERS & PACERS  | 6    | 1166  |
| BAUXITE            | 7    | 1081  |
| CHIEF SEATTLE      | 12   | 1007  |
| BAY AREA           | 10   | 974   |
| AIR CAPITAL        | 7    | 932   |
| GATEWAY            | 6    | 922   |
| CYPRESS            | 2    | 886   |
| EAGLE WATCH        | 2    | 818   |
| MILWAUKEE GAURDIAN | 4    | 609   |
| BROOKLYN BRIDGE    | 3    | 595   |
| MO-KAN TENNERS     | 4    | 561   |
| WIND FARMS         | 5    | 324   |
| BROKEN HEARTS      | 1    | 304   |
| OKIE RELAY         | 1    | 199   |
| H. VALLEY HAMSTERS | 1    | 291   |
| GOLDEN CORNER      | 1    | 218   |
| MICHIGAN ROBINS    | 1    | 128   |
| SKY BLUE WATERS    | 1    | 114   |
| SPEEDWAY           | 1    | 76    |
| CRAZY EIGHT        | 1    | 75    |
| DOWN UNDER         | 3    | 54    |
| COLORADO CENT.     | 1    | 53    |
| LINDBERG           | 1    | 45    |
| KEYSTONE COPS      | 1    | 44    |
| MONT VENTOUX       | 1    | 15    |
| REST. PROJECT      | 3    | 12    |
| CRADLE OF LIBERTY  | 1    | 6     |

## New Channel Islands 10-10 Chapter

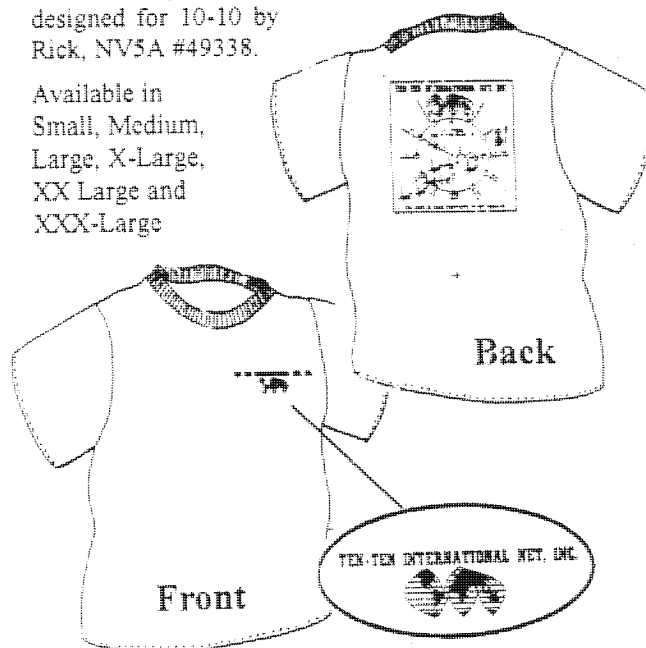
Effective December 4, 1996, a new chapter became affiliated with 10-10. It is the *Channel Islands Chapter*, located in Ventura County, CA. John Gagliardo, AC6PX #65823, is the CH and Bill Allan, N6XD #18637, is the CM. Basic requirements are 5 contacts including one IQ for 2+2. Subsequent awards and upgrades are 1+1. The Chapter meets at 0100Z Thursdays at 1800 on 28.400. Further info from John at 4404 Anchorage St., Oxnard, CA 93003.

## 10-10 Marketplace

### Official T-Shirts

Good looking T-Shirts designed for 10-10 by Rick, NV5A #49338.

Available in  
Small, Medium,  
Large, X-Large,  
XX Large and  
XXX-Large



### Official T-Shirts

These good-looking T-Shirts are ash in color with lettering, cats and outline of the world in black. Enchanced with spot coloring of blue for the water and green for the land. This mixture of colors creates a really classy combination and a great lookin' shirt for our members. There is a small logo on the front heart side of the shirt with the larger, familiar 10-10 logo on the back of the shirt.

### T-SHIRT ORDER FORM

| QTY | SIZE | AMOUNT | TOTAL |
|-----|------|--------|-------|
|     |      |        |       |

Name: \_\_\_\_\_

Call: \_\_\_\_\_ 10-10 # \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State (or Country) \_\_\_\_\_ ZIP \_\_\_\_\_

Mail to:

The Sign Man of Baton Rouge, NV5A #49338  
879 Castle Kirk Drive, Baton Rouge, LA 70808  
SHIPPED POSTPAID - ALLOW 2 WEEKS FOR DELIVERY

## Chapter Coordinators Column

(Continued from page 19)

make the deadline, and if you want your chapter information in the current issue, it needs to be in my hands prior to the first of those months. Often chapter or special information is received too late to make the issue on a timely basis. The column for the January issue for instance must be submitted to the editor on the 1st of December, so if your special is to run 1 through 31 December, it should be in my hands prior to 1 September to be in the October issue, as the following issue of the **News** will not be out until January - after your special is over. Chapter information is printed on a space available basis; sometimes not all information received can be printed.

**THE LAST WORD** - Effective 1 January 1997, David Smith, WB6RDK #65812, will assume the job of Chapter Coordinator; his address, via e-mail : dsmith@smr.n.com, and USPS; David Smith, 1349 Vernon Terrace, San Mateo, CA 94402. This will be my last column in the capacity of Chapter Coordinator, and it has been my pleasure to work with the Chapter Heads and Certificate Managers for the past year. Your timely assistance and information has been greatly appreciated, 73 and Many. Thanks, WD4EWB, Dave #18760.

### A Note from Elaine, N8CBE.....

I have found it necessary to resign my position as the OM/XYL Award Manager. Our present schedule leaves little time to handle this award promptly. We have done extensive traveling during the last year and plan to continue. Thanks to all those who made this certificate a success, especially Chuck Imsande, W6YLJ.

Pat Hibbs, KH6OE #28842, has volunteered to handle the OM/XYL Award and I hope she will enjoy handling this award as much as I have done for the last several years. I will look forward to keeping in contact with all at the 10-10 International Conventions and/or on 10 meters when the band opens up.

For everyone's information I have processed 380 basic awards with upgrades for some as high as 150 teams. There are close to 900 OM/XYL teams available.

.....73, Elaine M. Nicoloff, N8CBE #30409

## SPOTLIGHT ON A PAPER CHASING PERSONALITY

By Brad Kimble, WA4KUP #55192

This issue we **SPOTLIGHT** Bob Nickel, WA8OXS, #3159. He has been a member of 10-10 since 1966 and holds Life Member status.

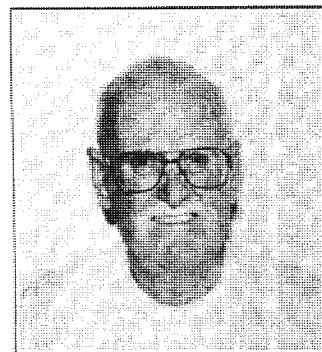
He and his wife, Maxine, both retired in Detroit, Michigan in 1992, now make their home in Tucson, Arizona. They have been married for over 46 years and have 2 daughters and 3 grandsons. For 40 years, Bob worked in the area of credit and collections as a Credit Manager.

Bob has been the Certificate Manager of the Great Lakes Chapter of 10-10 since its inception and is a charter member, #C5, and later on became the Chapter Head as well. Currently there are 800 members in Great Lakes. This chapter has been affiliated with 10-10 International Net, Inc., since November 1, 1981. Whenever Bob exchanges a certificate list with other paperchasers he has "worked", they receive a list of 132 chapters. Over the years as a paper-chaser, he has been a member of a grand total of 361 chapters.

He has attended the Dayton Hamvention every year for the last 10 years; the 10-10 conventions in Shreveport, Arlington, Milwaukee, and Wichita; and the unofficial "Paperchasers Bashes" in Las Vegas and most recently Reno.

Bob has a couple of hobbies to enjoy. One is being active with the Shrine Temple Radio Club in Sabbar Temple, Tucson. He also has fun with his computer exploring new things and is a member of America Online and also exchanging electronic mail with friends via JUNO. Bob is 75 years young, was licensed in 1965 and holds the Advanced class. Some of the awards he has received over the years are DXCC, WAS, 10-10 WAS, and WAC.

Whenever you hear Bob on 10 meters, please stop and say hello. He'd love to talk to you.





## Mobile Notes

(Continued from page 26)

which you will enjoy and also that you can feel a part of because it will have information which you have submitted.

I have told you something about myself, and something about what to expect from the article. Now I would like you to let me know what you would like to see in this article on 10/10 mobiling. You may write me at the following address, Gene Tyree, N4ANV; 5222 N. Sumac Circle Fayetteville, NC; 28304. My E-Mail address is N4ANV@aol.com, and this is a great way to send me material for the Newsletter. If all of this is to much trouble and you just wish to talk about a mobile problem, then give me a call at 910-425-8003. Any way you can, give me your input as to what you might like to know about, and I will do

**from the  
Editors Desk  
Chuck Imsande, W6YLJ #19636**

As we start another year, I want to wish each of you the best for the new year. It seems that these years fly by so quickly.

Looking back over the last five years since I have been the Editor, we have, together, made a number of improvements in the *NEWS*.

Five years ago, we had only three regular columns in addition to the Awards and Contest Results. They were the *Presidents Column*, *Chapter News* and *Silent Keys*. We now have in addition to the above, *W6OI on the Air*, *Reflections*, *Scholarship News* and *Scholarship Volunteers* all prepared by Maurie Goldman, W6EHM #4189, *The Featured Station*, by Bob Ryan, K6YVG #18022, *An-Ten-Ten-nas* and *Internet Update* written by L.B. Cebik, W4RNL #41159, *TenX DX News* by Mike Davidson, N5MT #24949, *New Life Members* prepared by Gerry Gross, WA6POZ #21274, *Paper Chasing Personality* formally by Chuck Albrecht, N0CKW #8105, and beginning this issue by Brad Kimble, WA4KUP #55192. Keith Schlottman, KI7RK #63324, prepares the *Treasurer's Report* and his *QRM Notes* each issue. And a new addition to our regular columns this issue, *Mobile Notes* by Gene Tyree, N4ANV #18712. And of course we still have the *Presidents Message* by Tom Henderson, K4CIH #33233, the *Chapter Coordina-*

*tors Column*, by Dave McCardell, WD4EWB #18760. We will have a "new" Dave, Dave Smith taking over the *Chapter Coordinators Column* beginning next issue as noted elsewhere in this issue. Our *Awards Page* is compiled and edited by Linda Barnes, KJ4FM #43299. And our long time volunteer Grace Dunlap, K5MRU #218, faithfully prepares the *SK Listing* for every issue.

In addition to the above regulars who prepare and submit their work on time, there are an untold number of members who send stories, pictures and information to the Editor which makes my job much easier.

Our Data Manager, Gerry Gross, WA6POZ and XYL Linda, KA6SPS, spend many hours keeping our address lists current and getting our mailings together - without whose help, there would be no *News*.

To all of the above, and to those that I may have accidentally omitted, my sincere thank you for helping to make the *News* one of the finest ham radio group publications available today.

And last, but not least, to my XYL, Esther, KB6HW #23331, who is the computer guru of the family, and keeps me out of trouble putting this whole thing together using Microsoft Publisher.

A big thank you to all who volunteer their time to make our *News* the greatest. If you have ideas for additional improvements, new columns, or anything you would like to see in the *News*, please let me hear from you. Your pictures and stories will also be appreciated

## A Note from the President.....

(Continued from page 25)

the *News*. We do make mistakes.. We are human, but try to keep them to a minimum and resolve those we do make ASAP, but we must hear from you. If you have a problem with membership, dues, renewals, etc. drop an E-Mail or letter to the Data Manager. e-mail - wa6poz@aol.com - Mail address is 10-10 International Net, Inc., 643 North 98th St., #142, Omaha, NE 68114-2342. My e-mail is K4CIH@juno.com or pres1010@aol.com.

Also let me remind all that as of January 1, 1997 all correspondence, renewals and NEW member applications for US members are to be sent to the above address in Omaha, as there are no area managers after January 1, 1997. **There is no change for DX members.** DX new member applications and renewals go direct to the DX Area Manager. Help spread the word please.

**MEET YOUR 10-10 FRIENDS IN COUNCIL BLUFFS  
AT THE 10-10 CONVENTION - JULY 10-12, 1997**

## 10-10 AWARD INFORMATION

To apply for any 10-10 Award, **Proof of paid-up membership is mandatory.** A copy of your membership card or address label from the latest copy of the **10-10 International News** must be sent with your application.

An application listing the rules for each award is available from the Awards Managers listed below. Please send a request with a #10 (business size) envelope, stamped, self-addressed, with one unit of first class postage to the Award Manager for the Award you are interested in obtaining. Please no phone calls to Award Managers for an application or list of rules.

### BAR AWARDS

Work 100 10-10 members on the air and exchange call, name, location and 10-10 numbers. List these 100 numbers in numerical order, along with call sign, date of contact, name, and QTH (State or Country). The BAR Awards do not require an "official" application form, just a list as noted above. Send BAR applications to the following BAR Managers:

#### BAR APPLICATIONS 100-900

Bob Peschka, K7QXG #5956 ..... 2580 SW 195  
..... Aloha, OR 97006

#### BAR APPLICATIONS 1000+

Allen Mattis, N5AFV #27571 ..... 5314 Wigton Drive  
..... Houston, TX 77096-5115

### CERTIFICATE OF AWARD

A *Certificate of Award* is available when attaining the 1000, 2500, 5000 (and for each additional 2500) BARS at a cost of \$2.00 plus two first class stamps. Send your *Certificate of Award* application to the 1000+ BAR Manager. (Note: Plaques have been replaced by Certificates. Plaques are no longer available.)

### INTERNATIONAL 500 OF THE WORLD

With the 500+BAR comes an Honorary VP Number, membership in **International 500 of the World**. A certificate is available for the International 500 of the World for \$1.00 plus 2 first class stamps. Once the 500 BAR is attained, you may go after the following awards:

### VP BAR AWARD

Contact 100, 200, etc. 10-10 members with a VP Number and submit a list in numerical order, VP#, 10-10 #, call, date of contact, name, and QTH. See the VP Bar rules on the Tenten-I web page or send an SASE for rules to the Award Manager. Send your list, along with 2 first class stamps to:

Carl Fisher, W0HIK #40678 ..... 5 Angelina Drive  
..... Augusta, KS 67010-2262

### LUCKY 13 CERTIFICATE

Bob Peschka, K7QXG #5956 ..... 2580 SW 195  
..... Aloha, OR 97006

### VP WORKED ALL STATES

Carl Fisher, W0HIK #40678 ..... 5 Angelina Drive  
..... Augusta, KS 67010-2262

### CONTINENTS AWARD

Mark Taylor Murphy, KC4HIT #57448 .....  
..... 108 Old Country Lane  
..... Claremont, NC 28610-9561

### COUNTIES AWARD

Alice Jenkins, NR4R #31223 ..... One Mitchell Lane  
..... Rossville, GA 30741-4834

### COUNTRIES AWARD

Russ Gauthier, N5EJS #1525 ..... 8816 HWY 165  
..... Pollack, LA 71467

### CW AWARD

Lee Zalaznik, K16OY #50948 ..... 334 Olivina Avenue  
..... Livermore, CA 94550

### MOBILE AWARD

Dave Becker, K7PRZ #47633 ..... 428 S. Gaylord  
..... Denver, CO 80209

### OM/XYL AWARD

Pat Hibbs, KH6OE #28842 ..... 4603 Glenna Way  
..... Louisville, KY 40219-2814

### WORKED ALL STATES AWARD

Scott Brackeen, A11M #23966 ..... 93 CR 3271  
..... Booneville, MS 38829

### WORKED ALL STATE CAPITALS

Paul Johnson, N4JII #37708 ..... 2311 CCC Road  
..... Dickson, TN 37055-4230

## 10-10 QSO Party News 1997 CONTEST SCHEDULE

### CW CONTESTS

SPRING - May 3-4, 1997  
FALL - October 25-26, 1997

### PHONE CONTESTS

WINTER - February 1-2, 1997  
SUMMER - August 2-3, 1997

### 10-10 PAY SPRINT

October 10, 1997 (24 hour- all modes)

# Membership Information and Services

The following information is supplied to provide a ready reference on how and where to send your 10-10 dues, and where to purchase items offered for sale by 10-10.

Make all checks payable to 10-10 International Net, Inc. Please list your call and 10-10 on your check. Do not send cash. All DX are reminded that money amounts are quoted in US Dollars. DX members please pay by International Postal Money Orders.

## NEW MEMBERSHIPS

New member applications should be sent to the Omaha address listed below. Dues for 10-10 membership are \$10.00 per year for members with a USA ZIP code and \$13.00 per year for DX members. You may pay your dues for multiple years. A membership application is included in the 10-10 Information Manual and in the New Member Brochure.

Mail new member applications with USA ZIP code to:

10-10 International Net, Inc.  
Attention: New Member Application  
643 N. 98th Street #142  
Omaha, NE 68114-2342

Mail new member applications for all DX to:

Carol Hugentober, K8DHK #29588  
DX Area Manager  
4441 Andreas Avenue  
Cincinnati, OH 45211-2622 USA

All correspondence regarding membership services should be addressed to:

10-10 International Net, Inc.  
643 N. 98th Street #142  
Omaha, NE 68114-2342

## DUES RENEWALS

10-10 dues are \$10.00 per year for members with a USA ZIP code and \$13.00 per year for members with a DX address. Multiple years dues may be paid with renewals.

All USA members (those with a USA ZIP code) send dues renewals to the following address:

10-10 International Net, Inc.  
Attention: Dues Renewal  
643 N. 98th Street #142  
Omaha, NE 68114-2342

All DX members send dues renewals to:

Carol Hugentober, K8DHK #29588  
DX Area Manager  
4441 Andreas Avenue  
Cincinnati, OH 45211-2622 USA

## FAMILY MEMBERSHIPS

Family Membership consists of a primary member and one or more relatives who qualify as a 10-10 member and who reside at the same location and postal address. Family Membership run concurrently with that of the primary member. Add \$3.00 for each additional Family Member for

each year. Only one copy of the 10-10 News is mailed to the primary family member.

## LIFE MEMBERSHIP

Life membership is available to USA members for \$250.00 and for DX members for \$325.00. Senior Life Membership is available for those over 65 (with proof of age) for \$85.00 US members and \$100.00 for DX members. You must be 65+ to apply for Life Membership. Family Life Membership is available for \$75.00. Family life membership ends when the regular member becomes an SK. Send all life membership applications to:

10-10 International Net, Inc.  
Attention: Life Membership  
643 N. 98th Street #142  
Omaha, NE 68114-2342

Life memberships are available on a three year payment plan. For an application for time payment Life Membership, send a #10 SASE to the address above.

## ADDRESS CHANGE

Send all change of call, name and address to the following address:

10-10 International Net, Inc.  
Attention: Address Change  
643 N. 98th Street #142  
Omaha, NE 68114-2342

## 10-10 INFORMATION MANUAL

The 10-10 Information Manual, a 36 page manual of everything you would want to know about 10-10 is available for \$1.00 postpaid (USA or DX). Send your request, along with a return address label (no SASE required) to:

Mike Elliott, KF7ZQ #54625  
10-10 Information Manager  
9832 W. Gurdon Court  
Boise, ID 83704-4080

## SCHOLARSHIP DONATIONS

Donations to the 10-10 Scholarship Fund are requested from each member on an annual basis to help fund the three \$1000. 10-10 Scholarships. Your check should be made payable to the 10-10 Scholarship Fund, and should be sent to the following address:

Morrie Goldman, W6EHM #4189  
10-10 Scholarship Manager  
21518 Marjorie Avenue  
Torrance, CA 90503-6418

A Certificate of Appreciation will be sent to all who make a contribution to the Scholarship Fund.

## 10-10 STAMPS

Self-adhesive 10-10 stamps that can be used on QSL cards, correspondence and envelopes are available for \$5.00 per 144 stamps. Send your order to:

10-10 International Net, Inc.  
Attention: Stamps  
643 N. 98th Street #142  
Omaha, NE 68114-2342

## 10-10 STATIC CLINGER LOGO

The 10-10 logo with a static cling backing that will cling to almost anything. This attractive 4" x 4" logo is a solid gold background with black printing. Use on notebooks, breircase, car windows, etc. Price: 2 for \$1.00 postpaid. Order from:

10-10 International Net, Inc.  
Attention: Static Clinger  
643 N. 98th Street #142  
Omaha, NE 68114-2342

## AWARDS & CERTIFICATE GUIDE

The official Awards and Certificate Guide of 10-10, along with complete chapter information, is available for \$6.00 USA ZIP codes and \$8.00 to DX. A monthly update is also available for \$10.00 per year USA and \$12.00 DX. Send your order to:

Linda Barnes, KJ4FM #43299  
310 Sequoyah Drive  
Kingsport, TN 37660-3742

## 10-10 ROSTER

The complete 10-10 membership list is available in hard copy or on computer disk.

**Hard Copy Roster** - The hard copy is printed on both sides of 8-1/2" x 11" paper 3-hole punched. The roster lists 10-10 number and call. SK's are identified. It is issued once each year in January. Cost of the printed roster is \$11.00 US and \$14.00 DX postpaid. Only a limited number of copies are printed and are sold on a first come, first serve basis. Advance orders are accepted.

**Roster on Disk** - 10-10 offers two different Rosters-on-Disk. One, known as XXIQ will search for call if 10-10 number is known and for 10-10 number if call is known. XXIQ is available on 3.5" (1.44MB) disk. It will run on IBM compatible computers. The other 10-10 Roster-on-Disk is known as XXIP and is available only on 3.5" (1.44MB) disks. It is contained on 3 disks and requires DOS 3.3 or later and 16 MB of hard disk. This program will locate 10-10 number, call and will display Name, Address, City, State (or Country), membership status, expiration date, SK status and will print address labels. Rosters on DISK are published each quarter, in January, April, July and October.

**Cost** - Cost of XXIQ is \$5.00 per issue, or \$17.50 per yearly subscription US members. DX cost is \$7.00 per issue or \$25.00 per yearly subscription. Cost of XXIP is \$10.00 per issue US or \$13.00 DX. Roster on Disk are shipped prepaid. Order 10-10 rosters on disk from:

10-10 International Net, Inc.  
Attention: Roster  
643 N. 98th Street #142  
Omaha, NE 68114-2342

Be sure to note which program you are ordering.

## FCC FORM 610

The latest issue of the FCC Form 610 is available from 10-10 for a #10 SASE. Send your request and an SASE with one first class stamp to:

Mike Elliott, KF7ZQ #54625  
Attention: FCC Form  
9832 W. Gurdon Court  
Boise, ID 83704-4080

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## CALENDAR

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| Winter Phone Contest.....      | 1-2 Feb       |
| Spring CW Contest.....         | 3-4 May       |
| Texas Hill Country Picnic..... | 1 June        |
| 10-10 Convention 97.....       | 10-12 July    |
| Summer Phone Contest.....      | 2-3 August    |
| 10-10 Day Sprint Contest....   | 10 October    |
| Fall CW Contest.....           | 25-26 October |

## 10-10 Membership Information

10-10 membership information is available to any amateur who is interested in joining the 10-10 International Net.

If you know someone who would like to learn more about 10-10, suggest that they send \$1.00 and 2 first class stamps and an address label to Mike Elliott, KF7ZQ #54625, 10-10 Information Manager, 9832 W. Gurton Court, Boise, ID 83704-4080.

They will receive the **10-10 Information Package** which consists of a copy of the latest issue of the *10-10 International News*, along with a copy of the 8 page *New Member Brochure*, which includes an application for membership.

## CONTEST COVER SHEET

### WINTER PHONE CONTEST - 0000Z 1 FEB - 2400Z 2 FEB 1997

**SEND LOGS TO:**  
**Restoration Project Chapter**  
**3528 11th Avenue**  
**Port Alberni, BC**  
**Canada, V9Y 4Y7**

*Logs must be postmarked no later than March 8, 1997*  
**A DUPE SHEET MUST BE ENCLOSED WITH EACH LOG**  
*Include this cover sheet showing address label. Photo copy is acceptable.*

Chapter Assignment: \_\_\_\_\_

Total Contacts with 10-10 #: \_\_\_\_\_ x2= \_\_\_\_\_

Total Contacts without 10-10 #: \_\_\_\_\_ x1= \_\_\_\_\_

Total Points: \_\_\_\_\_

Total Points    Total Prefixes    **TOTAL SCORE**  
                          X                                =

Category: Individual \_\_\_\_\_ QRP \_\_\_\_\_ Club \_\_\_\_\_  
**AREA FROM WHICH YOU OPERATED:** \_\_\_\_\_

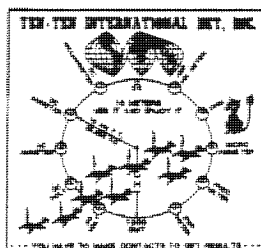
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**643 N. 98th Street #142**  
**Omaha, NE 68114-2342**

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**JANUARY 1997 (Winter)**