

10-10 INTERNATIONAL *News*

Volume 31 Number 3

July 1993 (Summer)

A Guide to DX QSLingPart 1

By John Hugentober, N8FU #16154

Due to the number of new hams that have joined 10-10, the following information is presented which has been gathered by experience of myself and others.

Hear an Unusual Prefix? The first ground rule is to **WFWL** (work first-worry later). A number of times a call will seem to be a bootlegger (also called *slim* or *pirate*) and may come out in QST, CQ, or Worldradio or one of the other sources as a legitimate call.

To find out the country of the station, consult the "Table of Allocation of International Call Signs" in the front of the Callbook. For example, LP2AA would be in the range of LOA-LWZ. This series is assigned to Argentina. 8J5ITU would be Japan.

Want a QSL Card? If you are an ARRL member, and are not interested in a **fast** reply, send your outgoing QSL cards to the ARRL Outgoing QSL Bureau. They will send your card, and all others going to the same country, in a package to the particular country's QSL Bureau, who will send your card to the addressee. The addressee will return a card to you via his country's QSL Bureau which will send a package back to the ARRL. When the ARRL receives cards back from the various countries, they then send each US call district their cards to the ARRL District QSL Bureau for distribution back to you.

As you can see by the amount of handling, there is considerable time involved. Be patient! It could take up to **two years** for a card to make the cycle and get back to you.

If you use the ARRL Outgoing QSL Bureau, the process is very simple. Package up all of your DX QSL cards and mail them, along with the address

.....continued on page 15

It's 10-10 Convention Time

**Meet your friends in Wichita,
September 25th and 26th**

Convention time is almost here! The place is Wichita, Kansas. The dates are September 25th and 26th.

The Air Capitol Chapter of 10-10 is our host for the 1993 10-10 Convention and has a great time planned for all who attend. Ed Redwine, K5ERJ #11843 is the 10-10 Convention Chairman and Bob Crawshaw, WA0NGV #4408 is the Co-Chairman.

The 10-10 convention is being held in conjunction with the ARRL Kansas State Convention, providing 10-10 members with many additional activities that are associated with the ARRL Convention. There will be a flea market, ARRL Forum, Commercial Vendors, Door Prizes and VE Testing. There will be activities for the Ladies and hospitality rooms will be available.

The headquarters hotel is the Ramada Broadview located on the banks of the Arkansas River. A block of rooms has been reserved for Friday and Saturday nights. Make your own room registration by calling the Ramada direct at 316/262-5000. Be sure to tell them that you are with the 10-10 group.

10-10 will meet in the Ramada *Plaza Room* during the convention. Activities will include a 10-10 Forum on Saturday at 10:00 am. There will be a special Forum for Chapter Heads and/or Certificate Managers at 2:30 pm on Saturday to formulate responsibilities and standard operating procedures for all 10-10 Chapters. A 10-10 net is planned for paperchasers, and the 10-10 club station, W6OI #109, will be on the air giving out that special 10-10 number.

There will be Chapter Tables with attending chapters providing information about their Chapters and Awards/ Most will be giving chapter upgrades and special awards for attending the convention.

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OFFICERS AND DIRECTORS

President Norm Lefcourt, W6IRT #14981
 7713 Wilkinson Ave., North Hollywood, CA 91605
 Vice President Hugh Sullivan, WA4QZU #23166
 2112 York Drive, Owensboro, KY 42301
 Secretary Marge Smothers, WA6ZPX #36007
 PO Box 145, Clayton, OH 45315
 Treasurer Gerry Gross, WA6POZ #21274
 643 N. 98th #142, Omaha, NE 68114
 Director Linda Barnes, KJ4FM #43299
 310 Sequoyah Dr., Kingsport, TN 37660
 Director John Ellison, W0ERZ #5145
 2 Douglass Ln., Kirkwood, MO 63122
 Director Marv Hagan, WB2SJQ #6090
 353 Woodmere Blvd., Woodmere, NY 11598
 Director Tom Henderson, K4CIH #33233
 4901 15th Place E., Tuscaloosa, AL 35404
 Director Jack Miller, W9WYN #6894
 PO Box 123, Brookfield, IL 60513
 Director Elaine Nickoloff, N8CBE #30409
 5383 E Atherton Rd., Burton, MI 48519
 Director Peggy Pinnell, G4MAE #32992
 31 Sidney Road, Barkingside
 Ilford IG6 2ED, Essex, England
 Director Gary Ward, KD7UZ #13825
 6300 S.W. 188th Ct., #83, Aloha, OR 97007
 Director Don Zielinski, K0PVI #9902
 PO Box 112, Watkins, CO 80137
 Director Joe Williams, WA9TSG #310
 PO Box 93181, Milwaukee, WI 53203

NET OFFICIALS

Awards/Cert. Guide Mgr .. Dave Prichard, KA5OVO #37297
 16314 Thunderbay Dr., Houston, TX 77062
 Chapter Coordinator Dave Prichard, KA5OVO #37297
 16314 Thunderbay Dr., Houston, TX 77062
 Contest Chairman Harry Syring, WB1FTQ #23934
 37 Bradford Dr., Windsor, CT 06095
 Editor & PR Manager Chuck Imsande, W6YLJ #19636
 18130 Bromley St., Tarzana, CA 91356
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 21518 Marjorie Ave., Torrance, CA 90503
 Information Manager Mike Elliott, KF7QZ #54625
 140 Parkway Drive, Boise, ID 83706
 Net Manager Sherm Sherman, K6PTF #17977
 179 N Sunkist Ave., West Covina, CA 91790
 Records Manager Lee Pasewalk, WB6MGM #213
 18815 Yukon Ave., Torrance, CA 90504
 Scholarship Manager Morrie Goldman, W6EHM #4189
 21518 Marjorie Ave., Torrance, CA 90503
 SK Manager Grace Dunlap, K5MRU #218
 PO Box 445, La Feria, TX 78559
 Supply Manager Dave Prichard, KA5OVO #37297
 16314 Thunderbay Dr. Houston, TX 77062

AREA MANAGERS Listed on page 31
AWARDS MANAGERS Listed on page 30

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10-10 *News*

INTERNATIONAL

EDITOR

Chuck Imsande, W6YLJ, #19636

18130 Bromley Street
 Tarzana, CA 91356-1701
 818/887-3676
 FAX 818/996-4240

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

DEADLINE FOR NEXT ISSUE

September 15, 1993

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 and photos 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.

Photographs are encouraged. Black and White or Color photos 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.

10-10 Chapter activities and reports should be sent to the Chapter Coordinator, Dave Prichard, KA5OVO #37297, 16314 Thunderbay Drive, Houston, TX 77062.



Member
**AMATEUR RADIO
 NEWS SERVICE**

NET CONTROL STATIONS (ALL NETS BEGIN AT 1800Z)

| | |
|--------------------------|--------------------------|
| Monday (28.380) | Dianna, KB6NAN #42850 |
| Monday (28.800) | Lovergne, KD6JC #33704 |
| Tuesday (28.380) | Steve, AA8DP #4650 |
| Tuesday (28.800) | Marv, WB2SJQ #6090 |
| Tuesday (28.800) | Nat, 8P6SA #45858 |
| Wednesday (28.380) | (OPEN) |
| Wednesday (28.800) | Louise, N6ELK #36654 |
| Thursday (28.380) | Bill, AA6ZW #62075 |
| Thursday (28.800) | Bill, WB6OMH #6608 |
| Friday (28.380) | Dan, WV4Y #39409 |
| Friday (28.800) | Sherm, K6PTF #17977 |
| Saturday (28.380) | (OPEN) |
| Saturday (28.800) | Al, W6RNK #92 |
| Sunday | 'NEVER ON SUNDAY' |

* This net begins at 1500Z

Presidents Message

de W6IRT

Norm Lefcourt
7713 Wilkinson Ave.
North Hollywood,
CA 91605 USA
818/503-1912



10-10 had a large attendance at the Dayton 1993 Hamfest this year. Enough officers and directors were present to represent a quorum. An official Board meeting was called since there were a number of items we were corresponding about. These were placed on an agenda. Vice President, Hugh Sullivan, WA4QZU #23166 presided. The complete minutes of the meeting appear elsewhere in this issue.

The regular annual meeting is scheduled for Wichita in September. All Officers are scheduled to arrive Thursday, September 23rd. The Board will be in closed door session all day Friday, September 24th. 10-10 will reimburse all Officers and Directors, transportation and pay for two nights at the hotel. Many of us will arrive early and stay an extra night. This will be out of pocket and not a 10-10 expense.

Our 10-10 elected Recording Secretary, Marge Smothers, WA6ZPX #36007, tendered a letter to the Board asking that she be replaced. She is busy with other activities at this time. Her resignation was accepted. A very good luck to you, Marge. You have given a lot to 10-10 and we all appreciate it. Marge, please try to schedule some time each year to continue handling those 10-10 Dayton Hamvention arrangements for all the members that need you. An appointment of a replacement to fill Marge's unexpired Recording Secretary term is currently being considered by the Board of Directors.

Also requesting to be relieved of her duties as Roster Manger is Dee Gilbert, KA6HQJ #30631. A replacement for Dee has been approved by the Operations Committee of the Board. He is Mike Elliott, KF7ZQ #54625. Mike will be named the 10-10 **Information Manager**, a title more in line with his duties of sending out the prospective new member Information Package, the Roster and the new 10-10 Photo Album and other 10-10 member information items. See the article about Mike elsewhere in this issue.

The Sunspots are doing what Sunspots do. We are now in month 80 of Cycle 22 and in the declining phase of this cycle. Sunspot MAXIMUM was in July 1989. The smoothed sunspot number was 158.5. All

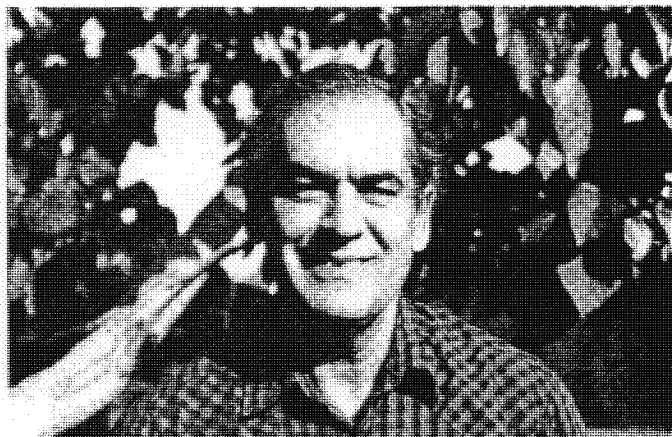
indicators suggest that sunspot minimum will be in 1996. Cycle number 23 is expected to be a larger cycle than average, and to be somewhat shorter than average, last roughly 10 years. The above information is taken from, "User Notes", April 1993 publication of the Space Environment Laboratory, Boulder, CO.

I would like to tell you why I perceive that Amateur Radio has changed greatly since I entered into this wonderful hobby. It just happens that on most years I have a birthday, "HI". It happens to be on July 28, (no cards please). Last year I had an opportunity to use a computer "HAMBASE" program which lists all USA and Canada amateur licensees, their date of birth, etc. I wanted to see how many other Hams were born on the same day as me, 07/28/28. Since 1928 was a leap year, I needed to figure out what the Julian date was. It was the 210th day of a leap year.

After a lot of computer time, I had a printout with 25 names, addresses, etc. It occurred to me that all of us would collectively enter into the realm of MEDICARE on July 28, 1993. I mailed a birthday greeting letter to each of the 24 and mailed them the list of all 25. I wrote something about myself, licensed 1946, first mobile rig, my jobs over the years, left handed, etc. I suggested that someone in the group might like to put together a group eyeball meeting for July 28, 1993 party for our 65th birthday. I said maybe at least some of us could eyeball "maybe". My closing line was "Does anyone have an interest in this or am I the only eccentric one?"

GUESS WHAT! I did not receive any replies. I guess I am the eccentric one. Somehow the romance of Amateur Radio led me to believe that we as a group would be friendly and open with each other, and that our common bond of a license made a difference. I guess in 1993 everyone is afraid of some kind of a CON game or law suit.

BCNU all in Wichita. Norm, W6IRT #14981



Ed, N5PTR #57105

Meet 10-10's New Information Manager

Mike Elliott,
KF7QF #54625

Mike was born in Kansas and moved to Boise, Idaho in 1964. Ham radio began with Mike back in 1955 when he and a friend built a "Knight Kit Receiver". Later his military training was in electronics.



Mike, KF7QF #54625

His hobbies, beside ham radio, are computers and electronic gadgets. He says he really enjoys the people he meets through his radio contacts and particularly the 10-10 group. He enjoys the Reno Bash and attending the "zoo" at Dayton.

Mike is married with 4 children and 4 grandchildren. The only other ham in the family is his father-in-law who is W7GHT 10-10 #4760. His profession is a Consulting Electrical Engineer.

He says that Boise is a great place to live! About 125,000 people with plenty of camping, hunting, fishing and skiing. (Who wouldn't like that? -Editor). Even though Boise is the Capitol and the largest city in the state, Mike says it still maintains a "small town environment".

Mike's XYL, Becki returned to college a couple of years ago and is now a junior, specializing in Criminal Justice. "I thought I was through with college bills when our youngest daughter graduated. Not so! So its off to work I go." Mike's job requires a lot of travel and he has had several opportunities to visit 10-10 members at their QTH's. "That has been fun" Mike says.

The station at KF7ZQ is a Yaesu FT-1000D with a gap vertical antenna. He is a member of about 60 chapters of 10-10 and has reached the 1700 BAR. He spends about 10-15 hours a week on the radio.

Besides his 10-10 activities, he chases counties with MARAC (Mobile Amateur Radio Awards Club), is VP of the local radio club, Voice of Idaho Amateur Radio Club and Co-Chair of the Sister City Amateur Radio Club (Chita, Russia and Boise, Idaho).

Mike will be responsible for sending out 10-10 Information Packages to prospective new 10-10 members. He will also be responsible for sending out Rosters, replacing our present Roster Manager, Dee, KA6HQJ, who has asked to be replaced. Mike

will be sending out the new 10-10 Photo Album which is scheduled to be released for purchase at the 10-10 Convention in Wichita. Because Mike will be "in charge" of the items noted above, his title has been changed from Roster Manager to "Information Manager", a title more descriptive of his duties.

Planning Committee Report

The 1993 Ten-Ten International Convention arrangements are progressing very well; thanks to the efforts of Ed Redwine, K5ERJ #11843. Please order your tickets at once, if you have not already done so, also be sure to support our Ten-Ten Banquet by ordering those tickets as well and enjoy a wonderful evening with all your good Ten-Ten friends. A Convention Pre-registration Form is on page 8 of this issue of the NEWS.

Our Ten-Ten Forum will be held at 10:00 a.m. on Saturday, September 25th with reports on the Board Meeting and important changes being made to improve services to all of our members.

A special Forum for Chapter Heads and/or Certificate Managers, to formulate responsibilities and standard operating procedures for all Chapters, will be held at 2:00 p.m. on Saturday, September 25th. Please prepare your recommendations and submit them at that time. Those not attending are requested to send your suggestions to Jack Miller, W9WYN #6894, PO Box 123, Brookfield, IL 60513, for submission to the Forum for consideration.

See you at Wichita.

.....Jack Miller, W9WYN #6894
Director, Chairman Planning Committee



Roy, VE4ROY #42913

People aren't against political jokes - they just wonder how they get elected.



from the
Editors Desk
de W6YLJ, #19636

Chuck Imsande



Last issue I left out my column out due to too much material. Again this month I have received so much material that this issue was again "tight" for space. Many of you have responded to my request for information. It is indeed gratifying to have such a great response. If you sent in items, or pictures, and they do not appear in this issue, they will make it next time.

One change in this issue is the combining of page 29, the Contest Page, and page 30, the Awards Page into one. By doing this we pick up one additional page for stories, pictures, etc., etc.

There are a number of interesting stories and events about amateur radio that I could insert each issue, but I know how you all enjoy seeing pictures of other members, their stations, etc. See elsewhere in this issue the announcement of the new **10-10 Photo Album**.

Last issue I "advertised" for a volunteer to take over some of my responsibility, that of sending out the **10-10 Information Package** to prospective new members. To my great surprise, there were over 50 responses to my request. Mike, KF7QF #54625, has been selected for the job. See the story about Mike on page 4. To all of you that responded, a big thank you. It proves that there is a lot of interest in the 10-10 organization. This issue, we are requesting a volunteer to take over the **BAR Manager - 1000+ BARS** position. See the notice elsewhere in this issue. Any of you who volunteered for the Information Package job and are still interested in helping 10-10, please re-volunteer in accordance with the instructions in the "Wanted" article.

I did go to Dayton, my first time, and as I was told, *it was a "zoo"*, but I enjoyed every minute of it! Looking forward to seeing all in Wichita, please keep sending those stories, pictures and anything else of interest. I will find room for everything sooner or later.

Support 10-10
Be an ACTIVE Member - Renew Your Dues

Sneak Preview...

"93 Spring CW QSO Party Results

The complete results of the Spring CW QSO Party will be published in the next issue of the **NEWS**, but here is a "Sneak Preview" of the winners. **W5RAN #1125**, was #1 overall, and **VK3YU #30257**, was the #1 in the DX section. **Possum Trot** took the Chapter Award with a whopping 24 logs and 1030 points.

The District Winners were:

| Area | Call | QSO's | Points |
|------|---------|-------|--------|
| 2 | KF5UN/2 | 14 | 26 |
| 3 | WK3P | 6 | 11 |
| 4 | KJ4RV | 53 | 89 |
| 5 | W5RAN | 91 | 121 |
| 6 | K6PZE | 13 | 22 |
| 7 | KB7PIY | 11 | 14 |
| 8 | W8PJY | 19 | 34 |
| 9 | KC9OZ | 17 | 27 |
| 0 | K0PVI | 24 | 45 |

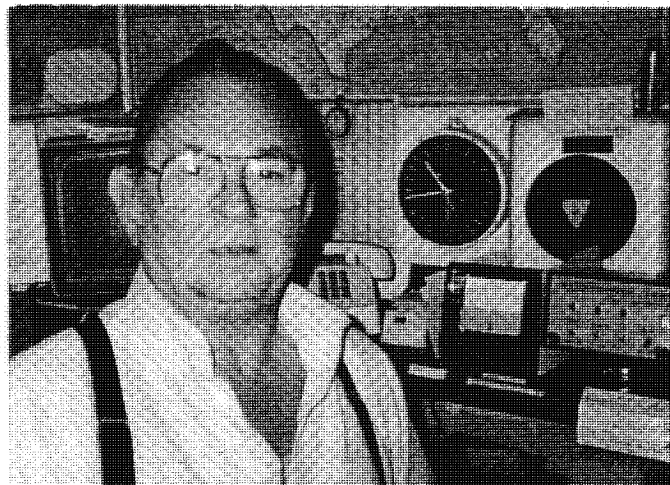
Note there were no logs received from the 1st District.

Attention...

Peach State Chapter Members

Jim Whittlesey, KC4RHW #57051, the new Peach State Chapter Head, is requesting all Peach State Chapter Members to send him a post card with their Name, Address, Call, 10-10 # and PSI number to him at 612 Redbud Lane, Oliver Springs, TN 37840-2316.

Due to a computer crash, due to a lighting hit, the former CH's computer lost the records. Jim also needs the records for the Springbok Chapter from those with Springbok numbers in the 100-200 series.



Jim, KC4RHW #57051
Chapter Head Peach State Chapter

10-10 CONVENTION INFORMATION

ED REDWINE K5ERJ #11843

Convention Chairman
9 Yellowrose Ln.
Augusta, KS 67010

The 1993 10-10 National Convention will be held in Wichita, Kansas on September 25th and 26th 1993. The 10-10 Convention, which is held every other year, will be in conjunction with the ARRL Kansas State Convention. Special activities for 10-10 members are being planned by the Wichita Air Capital of 10-10 who are hosting the 10-10 portion of the convention.

For more details, see the July (Summer) issue of the 10-10 International News.

Send in your registration today and meet with your 10-10 friends in Wichita.

HOTEL INFORMATION

Headquarters hotel will be the Ramada Broadview situated on the banks of the Arkansas River. A block of rooms has been reserved for Friday and Saturday nights. *Please make your own reservations by calling the hotel direct at 1-316-262-5000. Be sure you tell them you're with the 10-10 group..... Do not use Ramada's 800 number.*

Room rates are \$55.00 for up to 4 people in a double room. (2 beds per room)

For more information on other motels, campgrounds, rental car companies, etc. Please send an SASE to me at the above address.

10-10 BANQUET

Although the convention is being held in conjunction with the Kansas ARRL Convention, a separate banquet has been arranged for our group. This is one you won't forget. An accurate count is vital so be sure to mark your registration and submit the fee for the banquet at the same time you register. Cost of the banquet meal is \$15.00.

TRAVEL ARRANGEMENTS

Wichita, the Air Capital, has a number of major airlines serving the city. It is strongly suggested you call your local travel agent to schedule the best rates and times for your trip. The following airlines serve Wichita:

| | |
|-------------------|----------------|
| American..... | 1-800-433-7300 |
| America West..... | 1-800-247-5692 |
| Continental..... | 1-800-525-0280 |
| Delta..... | 1-800-221-1212 |
| Northwest..... | 1-800-225-2525 |
| United..... | 1-800-241-6522 |

HIGHWAY TRAVEL

If you are traveling to the Sunflower state by car, two major highways intersect at Wichita. I-35 traverses the state from South to Northeast. US-54 is situated East and West across the southern part of the state. Travelers on I-70 can connect with I-135 from Salina south to Wichita. From the Kansas City area take the Kansas Turnpike or I-35 to Wichita..

RENTAL CARS

Several rental car companies are available. If flying in, consult your travel agent for rental car reservations.

CLIP ALONG THIS LINE

Kansas ARRL/ 10-10 International Convention Pre-Registration Form

Registration \$8.00 at the door

LAST NAME _____ FIRST NAME _____ CALL _____ 10x # _____
ADDRESS _____ CITY _____ STATE _____ ZIP _____
ADDITIONAL REGISTRATIONS (NAME/CALL/10-10 #) _____
ARRL MEMBER [] YES [] NO TELEPHONE # _____
RESERVE _____ REGISTRATIONS @ \$5.00 _____ \$ _____
RESERVE _____ 10-10 REGISTRATIONS @ \$1.00 EACH _____ \$ _____
RESERVE _____ 10-10 BANQUET TICKETS @ \$15.00 EACH _____ \$ _____
RESERVE _____ CHAPTER TABLES @ \$8.00 EACH _____ \$ _____
NAME OF CHAPTER YOU ARE REPRESENTING: _____ TOTAL \$ _____

Registrations received before September 8th will be confirmed by return mail.
Mail this form with you check or money order payable to: Kansas ARRL Convention to:
ZACK WILKERSON, K0DVK #41645
ROUTE 1 BOX 90
EL DORADO, KS 67042

treasurers report

Gerry Gross,
WA6POZ, #21274

STATEMENT OF INCOME FOURTH QUARTER JAN 1 - MAR 31, 1993



| | 4th QTR | YEAR-TO-DATE |
|---------------------------|------------|--------------|
| REVENUE | | |
| MEMBERSHIP | \$ 19,782 | \$ 58,054 |
| INTEREST | 249 | 7,309 |
| TOTAL REVENUE | 20,031 | 65,363 |
| EXPENSES | | |
| OPERATING EXPENSES | 11,459 | 53,688 |
| AREA MANAGERS | 1,324 | 4,415 |
| OFFICERS & DIRECTORS | 331 | 2,199 |
| AWARDS & CONTEST | 266 | 897 |
| OTHER MANAGERS & SERVICES | 670 | 1,633 |
| TOTAL EXPENSES | 14,050 | 70,681 |
| NET INCOME (LOSS) | \$ 5,981 | \$ <5,328> |
| TOTAL ASSETS | \$ 185,928 | |

New Life Members

It is pride we honor the following 10-10 members who have become **Life Members** of 10-10 during the period from March 9, 1993 to June 20, 1993.

| | |
|--------------|-------------|
| 00148 K8IJD | 36143 G3MDH |
| 00469 W7KAX | 42603 K0DTX |
| 24199 WA4VEK | 60879 W4HHE |
| | 61867 KN4LW |

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

HONOR ROLL SCHOLARSHIP DONATIONS

The following 10-10 members have made a donation to the **10-10 Scholarship Fund**. Their donation is appreciated and helps 10-10 to continue their support of two \$750.00 Scholarships each year.

| | |
|-------------|-------------|
| 04541 KOJPW | Don Weaver |
| 44662 N6MCF | Jim McCann |
| 51840 KK6GN | Bob Jensen |
| 61648 WZ1T | Chip Weaver |

1993 10-10 CONVENTION
SEPTEMBER 25-26, 1993
WICHITA, KANSAS

Coming Soon...

The NEW 10-10 Photo Album

Planned for introduction at the 10-10 Convention in Wichita, is the **NEW 10-10 Photo Album**. This new addition the 10-10 family of membership items is planned to be about 32 pages of pictures, will be printed on magazine type (glossy) paper and will have one index for locating a picture by call and another index for locating a picture by 10-10 number. It will be three-hole punched for insert in a 3-ring binder.

The **10-10 Photo Album** was approved by the Board of Directors at their meeting in Dayton on April 23, 1993. The pictures being included in the **Photo Album** are from the collection of pictures that have appeared in the **10-10 International News** over the past few years along with some that have not been previously published. It is planned to update the **Photo Album** every year or so along with an up-dated index.

Also included is a section of **10-10 Net Officials**, with pictures of Officers, Managers and other 10-10 volunteers. Now, during a contact, you will be able to look up the station you are in contact with, and if the picture is in the **Photo Album**, see him (or her) and in many cases even their station. A great way to further your interest in 10-10 by getting to know your contacts better!

The 10-10 Convention

continued from page 1

A separate banquet, just for 10-10 members and guests, will be held on Saturday night at a nearby facility, within walking distance of the headquarters hotel. It is planned that the 10-10 Banquet will be held high above Wichita with a view of the city. A sit-down dinner with open "happy hour" beginning at 6:30 pm with dinner at 7:30 pm. There will be prizes at the banquet and who knows what other surprises the Air Capital Chapter has in store for us?

10-10 holds a convention ever other year (the odd numbered years), so it will be another two years before we can all get together again, so try to join the group for a great weekend of fun and social activity. The Air Capitol Chapter is spending a great deal of time and effort to make this 10-10 Convention one that no one will forget. See you in Wichita! Make those registrations now! There is a Pre-Registration Form on page 8 of this issue of the **NEWS**. Pre-Registration's must be received by the Kansas ARRL Convention committee on or before September 8, 1993.

10-10 Net Guide

| DAY | COMM | MIN | CHAPTER | LOC | FREQ | DAY | COMM | MIN | CHAPTER | LOC | FREQ |
|-----|------|------|------------------------|-----|-------|---------|------|------|--------------------------|-----|-------|
| ALL | 0700 | 0400 | CHIEF SEATTLE | WA | 28625 | WED | 0700 | 0100 | PIRATES MISSISSIPPI | IL | 28395 |
| SUN | 0001 | 0100 | CLIFF DWELLERS | CO | 28883 | WED | 0200 | 0100 | LEN BAR X | TX | 28440 |
| SUN | 0800 | 0800 | MONT VENTOUX | F | 28725 | WED | 0400 | 0400 | E.A.T.T. | VE | 28520 |
| SUN | 0700 | 0800 | RHONE ALPES | F | 28440 | WED | 0700 | 0400 | SPEEDWAY | OR | 28450 |
| SUN | 0830 | 0930 | BORINAGE | ON | 28785 | WED | 1000 | 1000 | LAKE GENEVA CW | F | 28185 |
| SUN | 1400 | 1300 | FT MCHENRY/YD KRITCH | MO | 28840 | WED | 1400 | 1700 | PEACH STATE INT | GA | 28420 |
| SUN | 1300 | 1400 | ARLINGTON | VA | 29200 | WED | 2200 | 2200 | COLUMBINE/CLIFF DWELLER | CO | 28377 |
| SUN | 1300 | 1400 | MANCUNION/LANC/PW/GS | G | 28860 | WED | 2300 | 2359 | IA RIVER VALLEY/ARM FISH | IA | 28355 |
| SUN | 1500 | 1500 | LAKE GENEVA | HB | 28850 | WED | 2300 | 2359 | STARLITE | IA | 28355 |
| SUN | 1500 | 1500 | MAD SWINGERS | SM | 28410 | WED | 2300 | 2359 | OLD DOMINION | VA | 28470 |
| SUN | 1500 | 1600 | MARDI GRAS | LA | 28433 | W/T | 2300 | 0030 | MI ROBINS | MI | 28800 |
| SUN | 1600 | 1600 | PLATTE RIVER | NE | 28750 | W/T | | (1) | MI ROBINS | MI | 28493 |
| SUN | 1600 | 1600 | SPRINGBOK | ZS | 28425 | W/T | 2359 | 0000 | BATTLE ROAD | MA | 28390 |
| SUN | 1500 | 1600 | STARK CO MUT AID CW | OH | 28150 | THU | 0001 | 0100 | CYPRESS | FL | 28665 |
| SUN | 1545 | 1645 | STARK CO MUT AID SSB | OH | 28800 | THU | 0000 | 0100 | WAR EAGLE | IA | 28615 |
| SUN | 1600 | 1700 | HIGH ROLLERS | NV | 28444 | THU | 0000 | 0100 | SENATOR DIRKSEN | IL | 28850 |
| SUN | 1600 | 1700 | SKY BLUE WATERS | MN | 28715 | THU | 0100 | 0200 | COWTOWN | TX | 28710 |
| SUN | 1600 | 1700 | STEEL CITY | IN | 28420 | THU | | (1) | COWTOWN | TX | 28460 |
| SUN | 1630 | 1730 | POSSUM TROT | NC | 28345 | THU | 0100 | 0200 | CRADLE OF THE CONFEDRY | AL | 28350 |
| SUN | 1800 | 1800 | SCARBOROUGH BLUFF | VE | 28730 | THU | 0100 | 0200 | GATEWAY | MO | 28650 |
| SUN | 1800 | 1900 | BROOKLYN BRIDGE | NY | 28850 | THU | 0100 | 0200 | MILWAUKEE | WI | 28385 |
| SUN | 2000 | 1900 | CHOCTAW BAY | FL | 28473 | THU | 0100 | 0200 | MO-KAN TENNERS | MO | 28495 |
| SUN | 1800 | 1900 | COLORADO BIGHORN | CO | 28740 | THU | 0100 | 0200 | NORTH STAR | MN | 28432 |
| SUN | 1900 | 1900 | CROSSROADS/MID LID | MI | 28820 | THU | 0200 | 0300 | BLACKHAWK VALLEY | IN | 28925 |
| SUN | 1800 | 1900 | LIARS/LINDBERGH/METRO | NY | 28850 | THU | 0230 | 0300 | WIND FARMS | CA | 28485 |
| SUN | 1900 | 1900 | PARROT | MI | 28820 | THU | 1300 | 1400 | MANCUNION/LANC/PW/GS | G | 28870 |
| SUN | 1930 | 1930 | BLUE & GRAY | KY | 28760 | THU | 1800 | 1700 | FT MCHENRY | MO | 28370 |
| SUN | 1830 | 1930 | TWIN TIERS/CHENANGO | NY | 28805 | THU | 2200 | 2300 | OH LAWARE VALLEY | PA | 28360 |
| SUN | | (1) | TWIN TIERS/CHENANGO | NY | 28335 | THU | 2300 | 2359 | Hudson Valley | NY | 28595 |
| SUN | 1930 | 2030 | GOLDEN SPIKE/ZODIAC | UT | 28425 | FRI | | 0100 | C.L.A.R.N. | NY | 28380 |
| SUN | 2000 | 2100 | WIND POINT LIGHTHOUSE | WI | 28555 | FRI | 0001 | 0100 | CHAZY EIGHT | PA | 28388 |
| SUN | 2030 | 2130 | AIR CAPITOL | KS | 28775 | FRI | | 0100 | OKIE RELAYS | OK | 28380 |
| SUN | 2100 | 2200 | AMERICAN EAGLE | VA | 28340 | FRI | 0001 | 0100 | MUSIC CITY | TN | 28495 |
| SUN | | 2200 | ARIZONA SUNSET | AZ | 28475 | FRI | 0001 | 0100 | RED RIVER (STEAMBOAT) | LA | 28430 |
| SUN | 2100 | 2200 | POSSUM TROT CW | NC | 28150 | FRI | 0001 | 0100 | 50 TX LIGHT HORSE BRGD | TX | 28488 |
| SUN | 2200 | 2300 | S TX LIGHT HORSE BRGD | TX | 28345 | FRI | 0001 | 0100 | SUNCOAST | FL | 28420 |
| SUN | 2300 | 2359 | ARLINGTON | VA | 29200 | FRI | 0100 | 0200 | DALLAS COWBOYS | TX | 28580 |
| SUN | 2300 | 2359 | IOWA HAWKEYE | IA | 28380 | FRI | 0100 | 0200 | GREAT SMOKY MTN | TN | 28700 |
| S/M | 2330 | 0030 | MICHIANA | MI | 28465 | FRI | 0100 | 0200 | HARBORITES | WA | 28310 |
| S/M | 2330 | 0030 | MINUTEMAN CW | MA | 28150 | FRI | 0100 | 0200 | LAND-O-LINCOLN | IL | 28650 |
| MON | | 0100 | CRADLE OF LIBERTY | PA | 28695 | FRI | | 0210 | TWENTY EIGHT | VK | 28560 |
| MON | 0001 | 0100 | MISS LIGHTHOUSE | MS | 28405 | FRI | 0200 | 0300 | AFTERSHOCK | CA | 28340 |
| MON | 0001 | 0100 | NUTMEG (SO N.E.) | CT | 28690 | FRI | 0200 | 0300 | APPALACHIAN MOUNTAIN | KY | 28400 |
| MON | | 0130 | CRADLE OF LIBERTY | PA | 28425 | FRI | 1900 | 2000 | PEACH STATE INT | GA | 28420 |
| MON | 0100 | 0200 | ANTHRACITE BREAKER | PA | 28660 | FRI | | 2230 | DOWN UNDER | ZL | 28530 |
| MON | 0100 | 0200 | LONE STAR | TX | 28460 | FRI | | 2300 | BRANDING IRON | TX | 28345 |
| MON | 0100 | 0200 | MILWAUKEE | WI | 28365 | FRI | | 2300 | VK4 GOLD COAST | VK | 28345 |
| MON | 0130 | 0230 | BAUKITE | AR | 28470 | FRI | 2300 | 2359 | BROOKLYN BRIDGE | NY | 28850 |
| MON | | 1700 | BERLIN BEARS | DL | 28810 | FRI | 2300 | 2359 | LIARS/LINDBERGH/METRO | NY | 28850 |
| MON | | 2230 | CHIEF ANDERSON | IN | 28785 | F/S | 2330 | 0030 | OCEAN STATE | RI | 28765 |
| MON | | 2300 | PLATTE RIVER | NE | 28450 | SAT | | 0001 | SAT | WA | 28760 |
| MON | 2230 | 2330 | EAGLE WATCH | AL | 28317 | SAT | | 0001 | FT MCHENRY/YDR KRITCH | MO | 28370 |
| MON | | 2359 | BEAVER VALLEY | PA | 28480 | SAT | 0001 | 0100 | LAND OF LEGEND | OH | 28390 |
| MON | | 2359 | ERIE EXTENSION CANAL | PJ | 28330 | SAT | 0001 | 0100 | MAINE-IACS | ME | 28402 |
| MON | 2300 | 2359 | MI WATER WONDERLAND | MI | 28343 | SAT | | 0100 | OKIE RELAYS | OK | 28633 |
| MON | | 2359 | SANTA FE TRAIL | IN | 28695 | SAT | 0001 | 0100 | SKIPJACK | MO | 28525 |
| MON | | 2359 | TROTTERS & PACERS | NJ | 28755 | SAT | 0030 | 0130 | WIREGRASS PNUT PKRS | AL | 28490 |
| MON | 2330 | 0030 | ELECTRIC CITY | FL | 28425 | SAT | | 0830 | TWENTY EIGHT | VK | 28560 |
| M/T | 2330 | 0030 | CHIEF KILLBUCK | OH | 28490 | SAT | | 1200 | TURIN NW DX CLUB | I | 28425 |
| TUE | | 0001 | WHITEHOUSE 11SEP-10OCT | DC | 28475 | SAT | 1330 | 1430 | TROTTERS & PACERS | NJ | 28755 |
| TUE | | 0030 | SKY BLUE WATERS | MN | 28320 | SAT | 1400 | 1500 | COFFEE CUP | LA | 28368 |
| TUE | | 0100 | WHITEHOUSE 23OCT-10SEP | DC | 28475 | SAT | 1400 | 1500 | S9/62 | F | 28780 |
| TUE | 0100 | 0200 | COLORADO CENTENNIAL | CO | 28340 | SAT | | 1500 | LAKE GENEVA | HB | 28850 |
| TUE | 0100 | 0200 | THUNDERBIRD | AZ | 28475 | SAT | | 1600 | DOLL CHASERS | TX | 28433 |
| TUE | 0100 | 0200 | WIND POINT LIGHTHOUSE | WI | 28455 | SAT | 1500 | 1600 | MO-KAN TENNERS | MO | 28495 |
| TUE | 0130 | 0230 | BAUKITE | AR | 28470 | SAT | 1500 | 1600 | REPUBLIC OF TEXAS | TX | 28460 |
| TUE | 0130 | 0230 | CITY OF LIGHTS | IL | 28720 | SAT | 1530 | 1630 | RHONE ALPS | F | 28440 |
| TUE | 0230 | 0330 | CITY OF ROSES | OR | 28450 | SAT | 1600 | 1700 | CITY OF ROSES | OR | 28835 |
| TUE | 0230 | 0330 | GOLDEN BEAR | CA | 28485 | SAT | 1500 | 1700 | ELECTRIC CITY | FL | 28845 |
| TUE | 0300 | 0400 | BAY AREA | CA | 28475 | SAT | 1630 | 1730 | BOOHTOWN | TX | 28402 |
| TUE | 2200 | 2300 | PESHTIGO FIRE | WI | 28360 | SAT | | 1730 | EAGLE WATCH | AL | 28317 |
| TUE | | 2359 | CHATTANOOGA CHOO CHOO | TN | 28380 | SAT | | 1730 | TANGO | LU | 28650 |
| TUE | 2259 | 2359 | FT MCHENRY/YDR KRITCH | MO | 28370 | SAT | | 1800 | CHATTANOOGA CHOO CHOO | TN | 28380 |
| TUE | 2300 | 2359 | GREAT LAKES | AZ | 28480 | SAT | | 1800 | KEYSTONE | CA | 28765 |
| TUE | 2359 | 2200 | PEACH STATE INT | GA | 28420 | SAT | | 1700 | LILAC CITY | WA | 28390 |
| T/W | 2300 | 0001 | QUEENS & KINGS/O DOLLS | MT | 28805 | SAT | | 1800 | SPEEDWAY | OR | 28350 |
| T/W | 2330 | 0030 | MINUTEMAN 2ND,3RD,4TH | MA | 28609 | SAT | | 1830 | CRATER LAKE | OR | 28760 |
| T/W | 2330 | 0030 | NUTMEG (SO N.E.) | CT | 28690 | SAT | | 1900 | RIVER CITY | CA | 28870 |
| T/W | 2330 | 0030 | REPUBLIC OF TEXAS | TX | 28460 | SAT | 1830 | 1930 | AFTERSHOCK | CA | 28340 |
| T/W | | (1) | REPUBLIC OF TEXAS | TX | 28460 | SAT | 1900 | 2000 | ALASKA IDITAROD | AK | 28849 |
| T/W | 2330 | 0330 | MINUTEMAN 1ST | MA | 28409 | SAT | 1900 | 2000 | OUTLAWS (1ST) | TX | 28444 |
| WED | 0001 | 0100 | BLUESONNET | TX | 28625 | SAT | 1900 | 2000 | OUTLAWS (2ND,3RD,4TH) | TX | 28644 |
| WED | | 0100 | C.A.T.T. | OH | 28800 | SAT | | 2000 | FELINE FRND/RES.PROJECT | VE | 28747 |
| WED | | (1) | C.A.T.T. | OH | 28490 | SAT | | 2000 | NANTIC BAY(with above) | CT | 28747 |
| WED | 0001 | 0100 | CASTLE CRAIG | CT | 28375 | SAT | | 2100 | FIFTY FIRST STATE | MI | 28345 |
| WED | 0001 | 0100 | EGYPTIAN RADIO CLUB | IL | 28420 | SAT | | 2100 | WAR EAGLE | IA | 28600 |
| WED | 0001 | 0100 | GRINNING ARMADILLO | TX | 28480 | SAT | | 2200 | ALLIS | HI | 28730 |
| WED | 0030 | 0130 | ALL AMERICAN CITY | AL | 28400 | SAT | | 2330 | CITY OF MELBOURNE | VK | 28355 |
| WED | | 0130 | STEEL CITY | IN | 28420 | SAT | | 2330 | IMPERAL DRAGON | VK | 28355 |
| WED | 0030 | 0130 | WIREGRASS PNUT PKRS | AL | 28535 | S-T | 0200 | 0300 | SKY BLUE WATERS | MN | 28715 |
| WED | 0100 | 0200 | ANTHRACITE BREAKER | PA | 28660 | M-S | | 1800 | 10-10 INTERNATIONAL | CA | 28800 |
| WED | 0100 | 0200 | GREAT SMOKY MTN | TN | 28700 | M-W-F-S | | 1800 | 10-10 INTERNATIONAL | CA | 28390 |
| WED | 0100 | 0200 | HOUSTON SHOT | TX | 28488 | | | | | | |
| WED | 0100 | 0200 | SAMUEL CLEMENS | CT | 28333 | | | | | | |

(1) AFTER SCHEDULED NET

* NEW OR CHANGE

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 SX members whose calls and 10-10 numbers will forever be kept in the records of the 10-10 Net.

00027 - WB6BND - Larry H. Hayman, W. Covina, CA
 01871 - W5HSE - Max T. Donnell, Jr., Brownwood, TX
 02006 - W7GZL - Eugene "Jeep" Mahoney, White City, OR
 02183 - W5RFY - John W. Allen, Aransas Pass, TX
 02366 - W1MHC - Franklin T. Jarvis, Stoneham, MA
 02700 - W4SGI - H. E. Banta, Sevierville, TN
 02842 - W7CMX - Dwight E. Johnson, Olympia, WA
 02853 - W6DQH - Eugene E. Clark, Los Angeles, CA
 02947 - W5FFB - R. Ralph Samples, Fort Worth, TX
 03455 - KC9EA - Charles D. Byers, Indianapolis, IN
 03498 - W7QME - Ruby P. Hoskin, Hamilton, WA
 03688 - W4HX - Rudolph M. Gibbs, Weaverville, NC
 04649 - WB4FCL - Robert A. Garner, Clearwater, FL
 04826 - WB5IHC - Chris C. Larson, West Fork, AR
 05214 - W4LQF - Paul I. Wells, Arlington, VA
 05274 - K8IQB - Myron L. Braun, Bellevue, OH
 05394 - W4HWY - Lester C. Sheets, Lexington, NC
 05858 - W3BQP - Henry S. Conard, Norristown, PA
 06649 - W9KAZ - John C. Young, Minneapolis, MN
 06885 - K2ANR - Joseph J. Belson, River Head, NY
 07358 - WB9KOS - William F. Ridgway, Rockford, IL
 07999 - K6CQN - Joseph S. Plumb, Bellflower, CA
 09925 - K9JHQ - Carl B. Sigler, Belleville, IL
 10128 - W3KHW - Alfred C. Acker, Philadelphia, PA
 11718 - W4YHF - James A. Beswick, Ellijay, GA
 11806 - KC0ILJ - Lorenz J. Flower, Sioux City, IA
 12308 - WA8TRU - Henry E. Rouse, Cincinnati, OH
 14919 - W9ANG - Kenneth K. Parr, Princeton, IN
 15868 - WA6RLE - Curtis B. Thompson, San Jose, CA
 17111 - K5CJ - Thomas J. Roberts, Lake Worth, FL
 17265 - VE4GB - Charles E. Precious, Abbotsford, BC
 17422 - KU7M - Doug Perry, Hood River, OR
 18010 - WB6LWA - Ole Emil Wake, Oxnard, CA
 18348 - W7IDZ - Howard Russell Patrick, Hermiston, OR
 18887 - W5HNU - Richard S. Rice, Baton Rouge, LA
 19746 - WB6TJW - Oscar J. Reiner, Jr., Santa Maria, CA
 20283 - WA7NLC - Dorman F. "Stub" Reeve, Reno, NV
 22849 - N5DBH - John J. Young, Jr., Offerle, KS
 23096 - W4SMI - Kirven R. Humphries, Florence, SC
 23890 - WB0VNK - Lee Burris, Bradgate, IA
 24069 - WB8RW - Larry E. Estes, Rotonda West, FL
 24193 - WD4JDV - Floyd E. Hammett, Oneonta, AL

24508 - KB30Q - Michael F. Wilson, Harrisburg, PA
 24839 - WA4CHC - Luther L. Baumgartner, Prosperity, SC
 25123 - KC0RZ - Mary J. "Joan" Mathys, Ray, MN
 25425 - KA1BFC - Donald R. Knauff, Windsor, CT
 26859 - KA4DYI - Manuel Medeiros, Madeira Beach, FL
 27513 - KC5OT - James R. Leach, Lake Charles, LA
 27866 - KC7WQ - Lester Bowker, Spokane, WA
 29854 - WD0EFE - Glenn B. Johnson, Hastings, MN
 30061 - WB7ABU - L. H. Mitchelmore, Medford, OR
 32408 - K9LKA - Larry H. Kieber, Rockford, IL
 33301 - N2CXX - William Dixon, Monmouth Beach, NJ
 33395 - WA2SUQ - Leonard H. Loos, Westhampton, NY
 34877 - W2MJA - Elbert N. Griffin, Fletcher, NC
 34890 - KD2ZF - Meyer Hoffman, S. Plainfield, NJ
 35151 - N4MOX - Gloria Starr, Charlotte, NC
 35372 - KA1ISK - Donald G. Hamlin, Suncook, NH
 35555 - WB3HWU - Thomas N. Clark, Jr., Batesville, IN
 36678 - WB6SRZ - Val J. McNally, El Cajon, CA
 37207 - N5COD - James A. Williams, Casa Grande, AZ
 37728 - WA4NBE - George F. Livingston, Melbourne, FL
 39878 - WE9N - George A. Gust, Fort Wayne, IN
 40514 - KA2DKK - James W. Dodd, Catskill, NY
 41005 - K14UN - John Wayne Mast, Nelsonia, VA
 41685 - N0IMC - Rex C. Prock, Webb City, MO
 42239 - K7GMW - Cordon A. "Bolo" Whall, Salt Lake City, UT
 42626 - N0GCU - Henry J. Fries, Clinton, IA
 43240 - N4WKB - Robert O. Camp, Pace, FL
 43827 - W4DCG - Alva H. Clark, Tarboro, NC
 44900 - WA7YRC - Leslie E. McCauley, Walla Walla, WA
 45578 - KA9NNW - Lloyd Baughman, Hinsdale, IL
 45795 - K6NPN - Landry G. "Dusty" Doster, Redwood City, CA
 47127 - K6JJU - John Gordano, Redwood City, CA
 47974 - KF6WO - Robert W. Weldon, Playa Del Rey, CA
 49927 - WA4GBE - Harold S. Crumley, Chattanooga, TN
 50006 - N1PGI - Edward W. Collins, E. Providence, RI
 52479 - WA1FEU - Peter Buttner, Green River, VT
 53372 - WA1WOT - Russell A. Johnson, Auburn, ME
 53528 - WU9P - William J. Butler, Zion, IL
 54927 - KB9CNF - Charles E. Hadfield, Evansville, IN
 55760 - W3BWU - Edward C. Lips, Pittsburgh, PA
 59188 - KA1YYI - John H. Byron, Jr., Dixfield, ME

Please send all Silent Key listings
 and/or corrections to:
 Grace Dunlap, K5MRU #218
 Silent Key Manager
 PO Box 445, LaFeria, TX 78559
 Please include: Name, Address,
 Call and 10-10 Number

It's our Policy.....

There are a number of Logging and Contesting Computer programs on the market, some have been developed by 10-10 members and are specifically for recording and maintaining 10-10 records and activities.

It is the policy of 10-10 to not "advertise" any one ham radio program. On occasion, a program may be mentioned in an article appearing in the NEWS. Any such mention of a particular program is strictly at the option of the author of the article, and no indorsement by 10-10 is implied.

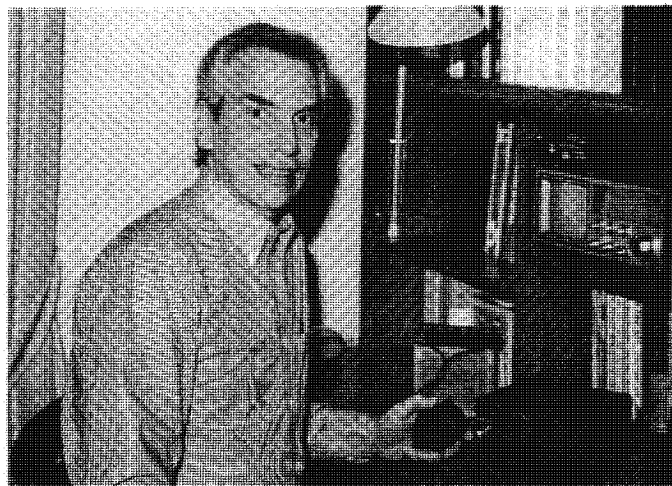
Wanted - Volunteer

Would you like to volunteer for a 10-10 job? Right now 10-10 is looking for a volunteer to take over the job of **BARS Manager - 1000+ BARS**. This position requires quite a bit of time, and although not required, a computer to keep the records, could ease the work load.

If you are interested in serving 10-10 as a volunteer as the 1000+ BAR Manager, send your application to: John Ellison, W0ERZ #5145, Director-Operations Committee, 2 Douglass Lane, Kirkwood, MO 63122.

10-10 News Honor Station

This issue we Honor a 10-10 station that is somewhat unique, in that it proves that a station can be set up and obtain satisfactory operation with a minimum of expense.



Bob, N5XSW #62183
10-10 Honor Station for July 1993

Bob Lindsay, N5XSW #62183, our **10-10 News Honor Station** this issue, writes:

I have found your new feature, **Honor Station**, in the **NEWS** to be interesting and informative - it is great to see what equipment other amateurs use and their station set-ups.

So far stations featured lean toward the "mega-buck" stations with high power transceivers, a multitude of enhancement accessories, and antenna systems that might be envied by some commercial stations. One could be left with the impression that the hobby is for those with a lot of money to spend - a discouraging factor for the young, those just starting out, or those with a limited budget.

My station is the "bare bones" type and demonstrates to those with limited budgets, especially our young hams, that amateur radio, working only the 10 meter band and the Ten-Ten organization, can all be enjoyed, as well as awards and recognition received, without a huge expense to experience the fun, fascination, and enjoyment of this hobby.

I became licensed in December, 1991, under the no-code Technician program (I have since upgraded to Advanced Class). I did not purchase my first HF radio until August, 1992. The radio I purchased was a Uniden 2600 (25-watts) that I bought used for \$80.00. The radio is operated from my dining room,

powered by a 12 volt motorcycle battery. The antenna is a wire stretched out on the roof as a dipole.

With this set-up, and in less than six months, I have been able to obtain the 10-10 VP Award (#2654) for 500 10-10 contacts, the Counties Award (#288) having worked over 160 different counties, the OM/XYL Award, and have participated in 10-10 Chapter Nets throughout the country. I have contacted over 25 countries including Croatia, Mozambique, Argentina, Japan and several in Europe. This was accomplished without even using a 10-10 Contest as I purchased my radio after the July 1992 contest, and reached the above goals before the February 1993 contest, and when many hams were bemoaning how the 10-meter band was dying with the decline of the eleven-year sunspot cycle.

In addition to amateur radio, as a single parent, I am very active with activities for young people. I also work with young people encouraging interest in amateur radio. To round out my support of those who are interested in becoming involved in amateur radio, I am also a Volunteer Examiner.

Editors Note - Most of us aspire to have the best equipped stations possible, however, Bob has demonstrated that a massive amount of equipment and large expenditure of dollars are not necessary to have a good time in our hobby.

If you are interested in entering your station as a 10-10 Honor Station, send a writeup about you and your station, along with a picture, to the Editor. Address is on page 2. Note on the envelope "Honor Station". Stations selected receive a beautiful plaque for your station wall.

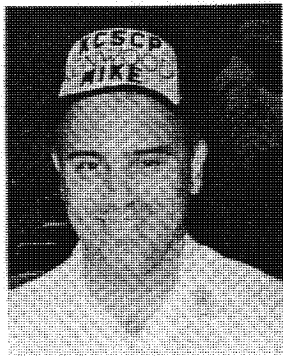
Fear of criticism often assures failure.



Mike, 11XPO #42079 and Father Camillo, 5H3CC #62217 - Father Camillo opens a "good bottle" of wine for Mike's Birthday

TenX DX News

Mike Davidson
KC5CP, #24949



Has anyone ever thought that **Amateur Radio** is like **fishing**? We listen for **DX** just like looking for fish, using our skills and equipment, maybe not getting a QSO for all your efforts but you still have fun looking. The antenna is like a fishing pole, the radio is the bait which lures that rare DX station out of a quiet band and suddenly results in the catch of the day. After years of DXing, I still get real excited whenever I work a new 10-10 country just like anyone who catches a ten pound bass on light tackle! Sometimes the fight thru the pileup is worth the wait but the catch can slip away. Just like fishing, propagation will determine what you catch. A change of conditions can yield a new one at anytime so keep fishing for more 10-10.

Many of you have asked what DX is available from the US, we will talk about DX heard/worked and future propagation. Here at my station I have not worked a new country since March. There are not as many DX stations on during the summer due to the shift of propagation. This spring only **35 new DX** stations joined 10-10, down from last winter.

I have been listening to 28.345 and the Sporadic-E skip stateside is excellent tonight. During the summer we will have short stateside openings that will extend into the evenings with daytime DX skip limited to signals from: **Africa, Caribbean, S.America and S.Pacific**. These conditions will continue until October for the USA. I expect **poor DX** conditions this winter, with a continued drop in solar flux levels until the **Spring of 1996** when we reach the bottom of this cycle! Expect solar flux levels of 85-120 to yield a **below average winter DX** season as compared to 1992. Check propagation by using the CW beacons 28.200 to 28.300. A list of beacons with their frequencies are in the callbook. If your radio frequency is accurate, just look up the beacon's callsign and thus location from the chart!

The June 93 edition of the ARRL DXCC Countries List is available for \$2. It contains rules, a list of 327 current countries, bureau info, a prefix list & the ARRL DXCC field checkers listed by area.

Feature DX Station: VP2VF Dirk on Tortola, British Virgin Isl.

VP2VF Dirk received his number Jan 7, 1993 and in a short time, has over 1500 numbers worked. I helped Dirk when he applied for his number. He told me he had sent it in a week before and I wanted him to get his number asap. Since the mail is slow back to his QTH, I asked Carol K8DHK for his new number and then told Dirk on the air he was **#63440**. Dirk appreciated my help in getting his new 10-10 without having to wait on the mail. By April 18th, Dirk had 13 Bars, **VP#2674**, won the **Winter QSO Party** and he has done a super job of reducing the need for VP2V thus his fine effort qualifies Dirk for our feature DX station. If you need his QSL please enclose a green stamp for postage with your QSL to Dirk J.de Jong, POBox 137, Road Town, Tortola, British Virgin Islands Caribbean.

P43WLP Aruba by William #52718 who likes to work as many 10-10 numbers as possible. Look for his strong S9+10 signal on **28.445 at 1500**. He told me that Aruba stays about 30 degrees C (86 F) all year long. QSL to William Philips, POB 2035, Aruba, via S.America.

8R1RBF Guyana by Dick #31899. Dick's nice S9 signal and rare 10-10 number have made many DX'ers appreciate his 7 element Pro67B antenna at 65 ft. running 100 watts from a TS440. The **8R** prefix is the hardest to find from S.America. There are only **22** Guyana's listed in the callbook. We worked on **28.489 at 1900** on Easter Sunday. QSL with postage \$ to Dick Fields, Box 10932, Georgetown, Guyana, S.America.

HP6AYV Panama by Dr. Victor Warner #34433 VP#2274. Victor is working on **VPWAS** and needs **AK, NH, ID & VT**. If you can help please send him a card with a schedule. He has been known to work DX during his coffee breaks about 2100 on 28.450. QSL to Dr.Victor Warner, POBox 153, Santiago, Veraguas, Panama.

PY4VD Brazil by Victor #42922 VP#2092 looks for 10-10 especially in the Winter QSO Party. He only worked two 8P6 stations and nothing for the next 12 hours, so he gave up! We worked on **28.416 at 2115**. His nickname is Dennis the Menace. QSL to Victor Diniz, Praca das Nacoes 180 06, 37100 Varginha, MG, Brazil.

HR2BDC Honduras by Dean AA5ET #47586.

PS7KM Karl in Brazil will be the QSL manager for SSB contacts with PY0SK & PY0SP from **St. Peter & Paul Rocks**. Karl did not say in his letter if he would operate from the Rock next Jan/Feb 1994

.....continued on page 12

TenX DX News

continued from page 11

but he did operate from the Rock in 89 which then was a new 10-10 country. I remember the QSL was very slow. The Natal DX Group is the organizing group with Karl the manager for all SSB contacts with **PT7WA Luciano** manager for all CW contacts. Karl said the Natal group is looking for donations to help with the cost. QSL Karl Leite, Caixa Postal 385, 59.001 Natal RN Brasil.

4J4JJ Armenia by Serge #25157 wrote explaining terrible problems in his country! Serge has 1 hour of AC Power each day, freezing temps in his shack in the winter and no radio time! His Registered mail is opened and contents removed and his son Alex **4J4GK** is now #62248 but Alex has never received his 10-10 membership card. QSLs must go to his friend **GW3CDP Denny** with \$ postage

ZS6CGS S.Africa by Peter #55558 VP#2595 can be found with other ZS stations giving out their Spring Buck numbers on 28.425. Peter told me they begin at 0600 and regularly talk with **JA1QGT Toku #5379**, **JH1BSE Marcel #50441**, **NH6VA Joseph #57982** and others. After 1400 Peter is on 28.345 where he chases paper. Peter and other ZS operators are working with Christie **ZS1CDK** who is the present operator of **ZS8MI** on **Marion Isl.** They have started a project to get a 10-10 for **ZS8MI**. Chris does not have a 10-10 but the station **ZS8MI** will have one by the time you read this! A number will be issued to **ZS8MI** just like **4U1UN** or **W1AW**. I want to thank all the ZS hams that helped with this project and the Spring Buck cert manager **KC4RHW Jim**. I need info on Chris if heard. Peter is not in the 93 callbook so get his QSL address over the air.

T28IO Tuvalu Isl. by Holger **Y58IO #22401** and **FW/Y58IO Wallis Isl.** were worked last winter and some of the QSL cards are being returned thru the bureau. Holger was at Dayton with a box of QSL cards and Les from the ARRL W5 bureau took all the 5's and brought them back for distribution. Postage must be expensive in Germany as I sent a donation with my QSL. QSL Holger Hannemann, Liebensteinerstr 37, DDR-1142, Berlin, Germany.

OD5JY Lebanon by Faiz **JY5EC #5691** has not answered my QSL requests. Anyone have a better route? I used: Faiz, Box 33, Hazmiye, Lebanon.

VR6ME Pitcairn Isl. by Mark #63499 and the highest DX number issued June 12th by Carol. Mark had help by the Bay Area 1010 Chapter and **KB6NAN Diane** who helped avoid the slow mail by passing his 10-10 over the air. Mark has a 30 foot

Bamboo mast with a **TA33JR** antenna & **FT890** radio. It just went thru a bad storm and survived! Mark uses a fishing line connected to the front of the **TA33JR** as his rotator which he turns whenever he walks his dog between QSO's! QSL Mark Ellmoos Pitcairn Isl.

VK9M Mellish Reef Sept 19-28 by **VK4CRR Bill #34297**. This will be a new country as only Bill, 1 of 8 ops, will have a 10-10! Donations to: Bill Horner, 26 Iron St., Gympie 4570 QLD Australia.

HB0/KD5RQ Liechtenstein by Claude #37242 who just concluded another **XE2MOO** excursion to Mexico. QSL to his home CBA.

FO4OK Fr Poly by Eddie #63492 on 28.382 at 0030. QSL POB 491, Tahiti, Fr. Poly, S.Pacific.

SV5/K5BDX Rhodes by Don #21873 QSL NA5U.

C6AFP Bahamas by Steve **N4JQQ #46108**.

TZ6VV Larry #28997 has gone QRT for 1 year! His home call is **KB0VV** and will return to TZ.

NEW MEMBERS:

SP9FV Francis, **OA4K Gus**, **VR6RC Raelene**, **YC8CPU Ir**, **LY1TR Stas**, **LU4BAS Agustin**, **HH2LQ Luckner**, **XE2XX Raul**, **9Y4SF Dr.Forde**, **V31JU Bruce**, **UW4IB Igor**. Sorry too many to list all.

New Prefixes for countries in the former USSR: Russia **R**, **UA-UI**, & **4K**; Belarus **EU**, **EV**, & **EW**; Moldova **ER**; Kyrgystan **EX**; Tadzhikistan **EY**; Armenia **EK**; Ukraine **EM**, **EO**, **UJ-UM**, & **UR-UZ**; Turkmeniya **EZ**; Azerbaydzhan **4J**; Kazakhstan **UN**, **UO**, **UP**, & **UQ**. Uzbekistan was not listed. This was printed in the Russian newspaper Patriot in a column by Boris Stepanov but no date was given for use of the new prefixes. I have trouble figuring out what's what so do not feel alone, good luck!

Thanks to the **QRZ-DX** and **Long Island DX Bulletins**. Please send photos to Mike Davidson, 3518 Bellefontaine, Houston, TX 77025 USA.

Good DX & 73. ... Mike Davidson **KC5CP #24949**

HIGHEST 10-10 NUMBER

The next 10-10 milestone, the issuance of 10-10 number 65000, is getting closer, in fact by the time you read this #65000 may have been issued!

The highest number issued through May 31, 1993 was issued by Rick Roberts, Area 4 Manager to Ricky Miller of Prestonsburg, (Floyd County) KY. Ricky received #64468. Welcome to 10-10 Ricky.

Minutes Board of Directors Meeting April 23, 1993

The Board of Directors convened in Dayton, Ohio in a closed meeting on April 23, 1993, at 7:20 PM. A quorum of seven Officers and Directors was present as follows: Officers Vice President Hugh Sullivan - WA4QZU presiding, Secretary Marge Smothers - WA6ZPX, Treasurer Gerry Gross - WA6POZ, Directors Linda Barnes - KJ4FM, Tom Henderson - K4CIH, Jack Miller - W9WYN, and Elaine Nickoloff - N8CBE. Voting proxies were received from Directors Gary Ward - KD7UZ, and Don Zielinski - K0PVI. After the Secretary left the meeting, the minutes were taken by Linda Barnes.

The first order of business was the presentation of a proposal by Gerry Gross to (a) manage the 10-10 data base (b) sub-contract the printing and mailing of the 10-10 International News (c) manage membership renewals and (d) perform the duties of the Supply Manager. The chair requested that the merits of the proposal be judged on the potential to reduce costs and increase efficiency in each area. After approximately one hour of intense questioning, and after a comprehensive computer demonstration of his data base program's capabilities the night before, the Board believes the proposal will result in considerable savings (see NOTE: below) increased efficiency and expanded information potential when compared to the present method. At this time Chuck Imsande, W6YLJ, Editor of the 10-10 International News, was asked to appear before the Board to comment on the advisability of changing the printing and mailing of the News. He favored the change as long as the paper quality was maintained and approved the type proposed for use. NOTE: The Board estimates that the savings resulting from these two areas will approximate \$6,000 per year.

While in the room, Chuck Imsande presented four other proposals for the Board's consideration: (1) converting the Roster program from a loss to a profit condition by printing the Roster on disks with periodic upgrades - printed Rosters would be available only by special order (2) printing 2000 flyers about the Wichita Convention to be mailed to Area Managers in Call Areas contiguous to zero-land for distribution to new and renewal membership applicants (3) development and sale of a 10-10 photo album (4) development of the requirements for a new Prefix Award. The Board approved (2) (3) and (4) without a vote and merged (1) with the vote on the proposal by Gerry Gross.

Dave Prichard, KA5OVO, was called in to report on the activities of Supply Manager. It is his opinion that if the duties of Supply Manager are consolidated with those of the Data Manager this will prove cost effective as well as save time.

Carol and John Hugentober, K8DHK and N8FU, respectively, reported on the duties of Area Manager. They both felt that renewal reminders were a must and

felt that the removal of renewals to the data processor would be cost effective.

At this point the chair suggested that the Board act on all other agenda items and then return to a discussion and vote on the aforementioned proposal by Gerry Gross.

Jack Miller is soliciting proposals for the 1995 convention.

A motion was made by Tom Henderson to have the 1994 board meeting in St. Louis, Missouri. This motion was seconded by Linda Barnes. The vote was unanimous.

A proxy written by Gary Ward was read as an affirmative vote and Gerry Gross made a motion to disallow the proxy. This motion failed due to the lack of a second.

A motion was made by Elaine Nickoloff to name Teresa Mycko, KA4HOY, Chairman of the Nominating Committee. This is pending upon her acceptance.

Gary Ward's proxy was read as an affirmative vote with a motion by Gerry Gross to disallow the proxy vote. This motion failed due to the lack of a second.

Tom Henderson was designated to poll those Board members not present via telephone for a final tally of votes.

Tom Henderson made a motion to table discussion concerning a change in the dues structure for life memberships. This motion was seconded by Elaine Nickoloff.

Gary Ward's proxy was entered as an affirmative vote and a motion was made by Gerry Gross to disallow the proxy. This motion failed due to the lack of a second.

Mel Sojka's "letter proposal" was brought before the Board. No action was taken because a formal proposal was not submitted.

Hugh Sullivan gave a report on his contact with Area 1 Manager concerning Al's refusal to send out new member handbooks. The Membership Committee is directed to inform Al that he has 30 days in which to comply with our policy or a replacement for that position will be sought. The Operations Manual is an ongoing project being carried out by Tom Henderson.

Jack Miller is seeking quotes on liability insurance and the bonding of our treasurer.

Hugh Sullivan will direct the Operations Committee to seek a replacement for the 1000 BAR Manager as soon as possible.

A motion was made by Tom Henderson for a blanket approval for (1) renewals (2) supplies (3) data base (4) contract printing and mailing of the 10-10 News to be assumed by Gerry Gross. This is subject to final approval

.....continued on page 14

10-10 SILENT KEY



Henry (SK), WB7SKI #21390
Charter Member of Lilac City Chapter

Henry M. Bauer, WB7SKI #21390, became a Silent Key on May 11, 1993 in Spokane, WA. Henry was an active 10-10 supporter and was a Charter Member of the Lilac City Chapter of 10-10. Henry held an Advanced class license and was born on July 21, 1909. He will be missed by his many friends in Amateur Radio.

Wanted - Sponsor 10-10 CONVENTION 1995

Applications from prospective sponsors of the 1995 10-10 Convention are now being accepted. Please submit your proposals promptly, so that they may be reviewed at the next Board of Directors Meeting.

Send your proposal to: Director Jack O. Miller, W9WYN #6894, PO Box 123, Brookfield, IL 60513-0123. Telephone: 708/485-5990.

IOTA Expedition

The OH-KY-IN Amateur Radio Club, using their Club Station call K8SCH/4 #46888, will be operating from NA83, Chincoteague Island, Virginia (Accomack County) during the CQWW SSB contest during the weekend of October 30, 1993.

There may be some operation on 28-29 October, before the contest, on both CW and SSB. QSL (with an SASE) to John Hugentober, N8FU #16154. John is the 10-10 8th District Manager and his address is on page 31 of the NEWS.

Minutes Board of Directors Meeting April 23, 1993

continued from page 13

of details to be submitted to the Board by June 1, 1993, by Gerry Gross. This motion was seconded by Linda Barnes. There was a unanimous vote with specific approval by Gary Ward's proxy. Gerry Gross was not present during the vote of this motion. Hugh Sullivan was appointed by the Board to work with Gerry Gross to prepare the detailed proposal.

Gerry Gross gave the Treasurer's report.

A motion was made by Gerry Gross that the subject of chapter regulations and guidelines be sent to the Operations Committee for a forthcoming proposal at Wichita. This motion was seconded by Tom Henderson. Linda Barnes is directed to correspond with the Operations Committee Chairman to proceed.

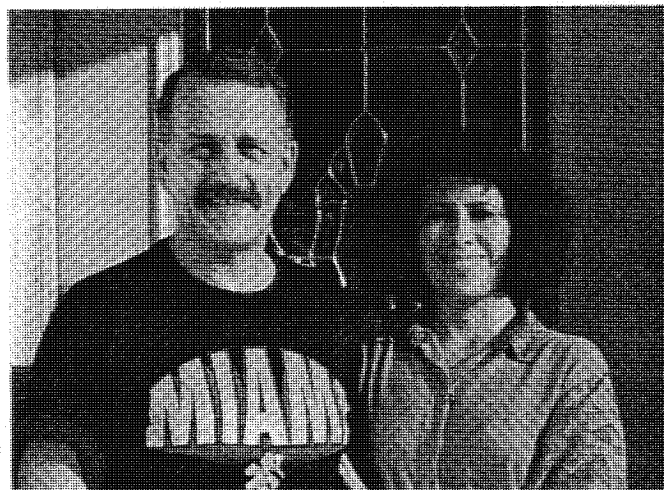
Jack Miller made a motion to adjourn at midnight, seconded by Tom Henderson and unanimously approved.

.....Marge Smothers, WA6ZPX #36007
Recording Secretary

.....we goofed!

Last issue we introduced you to Dianna Killeen, KB6NAN #42850. Dianna is our new Monday Alternate Net Control Station. Every thing in the article was correct, except Dianna's name, we spelled it Diana. Whoops...Sorry Dianna.

Have you checked into Dianna's Monday Net on 28.380 at 1800 UTC yet? If not, check propagation, give her a call and check in.



Steve, KC4LOR #56976 and
Chely Sites, KD4ATO #59716

A Guide to DX QSLing

.....Part 1

continued from page 1

label from the latest issue of QST. The cost is modest, \$2.00 per pound of cards (about 150). If you don't have that many cards, you can send 10 cards or less for \$1.00. You may send cards to the ARRL once a month if you wish.

As an alternate to using the ARRL QSL Bureau, for example if you are not an ARRL member, you can send your card either to the ham direct or to his own countries QSL Bureau.

For the fastest service, but not the least expensive, send direct to the DX ham, if you have his address. Always send return postage with your card along with a SASE. Many DX stations still use a "tall QSL card", one that measures 4" x 6". It is best to send an SASE that measures at least 4 1/2" x 6" so the DX station does not have to bend his card to fit into your envelope. There is a current movement worldwide to standardize on the 3 1/2" x 5 1/2" size as the maximum. There are, and most likely will be, DX stations that continue to use the "tall card" and it would be a shame to have that precious card folded in half because your return envelope was too small.

Return postage can be included by enclosing a "green stamp" (\$1.00), by including the necessary IRC's (International Postage Coupon) or by including an Air Mail stamp of the DX country. IRC's are available from your local Post Office at about \$.95 each. Be sure your IRC's are the new type, the one that says "Return by Airmail" on the reverse. Be sure the postal employee date stamps (called "red eye" by postal people) the circle of the left side of the IRC. By not stamping the left side could make it invalid in the other country, and by stamping it on the right side voids the IRC as far as the DX Country is concerned. Look in the front of your Callbook to determine how many IRC's are required for each country. If your IRC says "Return by Airmail", you will need only one of this new IRC.

Stamps from various countries are available from people advertising in the various ham publications selling DX Country Stamps. They will send you their price list with information about postage rates in various countries for a SASE.

When sending your card direct to the DX station, always include an SASE for the DX ham to his card to you. When placing a folded SASE inside the outer envelope, always place the fold down so a letter opener does not cut your SASE in half.

If you decide to send your card direct to the DX

country QSL Bureau, there is a list in the front of the Callbook for each country.

If you really want that DX QSL card back fast, and you have the address of the DX station, then by all means, bite the bullet, spend the money, and send it direct.

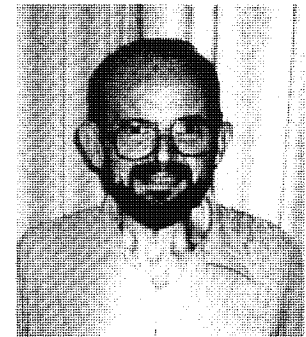
One last word about sending "green stamps". Some countries have a problem with Postal Theft. It is suggested that your "green stamp" be placed inside your return envelope, or even placed between carbon paper, so as to prevent someone from "candling" (holding it up to a light to see what is in it).

Next Issue.....Next issue we will discuss Incoming QSL Cards, the best type of QSL card to use, using QSL Managers, and some important rules to follow to improve your success rate in receiving those much wanted DX QSL Cards.

-Editor's Note: John was kind enough to provide us with his expert knowledge in the art of DX QSLing. So you may get to know John a little better, here is a bit about John, his family, and some of his accomplishments in ham radio.

Meet John Hugentober, N8FU #16154

John was first licensed in 1955 as W8CSK. The family consists of XLY Carol, K8DNK #29588, daughter Melody, KA8LAB #34000 and son John, KC8MZ #30400.



John is a avid DX'er and is very near reaching the DX Honor Roll. In addition, he has made over 18,000 Japan contacts and worked over 500 Japanese cities with 300 GUN's confirmed (a GUN is a county area), and has "Worked all Britain"

He is an ARRL field checker for DXCC and a Volunteer Examiner. He speaks German and understands some Japanese. He is currently learning Kanji (Japanese characters).

John and XYL Carol were recently adopted into the Greater Cincinnati Amateur Radio Association Hall of Fame. He is the trustee of their club station, K8SCH #46888.

He recently retired from the Post Office with the last
.....continued on page 16

Meet John Hugentober...

continued from page 15

10 years as an Electronic Technician in Electronic Mail Processing. In addition to spending as much time on the air as possible, he is also the 10-10 8th District Manager. XYL Carol is the 10-10 DX Area Manager. The Hugentober's are certainly a **Ham Radio Family** and 10-10 is fortunate to have them as part of our 10-10 family of volunteers.

10-10 Hill Country Gathering Draws a Crowd!

On May 23, 1993 a group of 10-10'ers gathered at the QTH of Jack, K4NF #50708, for the annual Hill Country Gathering. A total of 16 10-10 members, from 3 States, along with their families attended for plenty of good food, 10-10 talk, and ten meter operation.

The 10-10'ers in attendance were, Carl, N5NYN #51310, George, W1SQM #51207, Ed, KA5GLZ #50356, Daryl, N5SCA #57160, Wil, W5HNV #62122, Ray, N5DAS #35877, Aubrey, K5MOF #47524, Mike, KC5CP #24949, Dave, KA5OVO #37297, Jeanine, KA5SHP #41496, Bill, WD5EDR #23693, Robert, WA5JDU #3017, Steve, KG5IG #48653, Robert, KA5VVD #42188, Jim, AD5F #18807, Jane, N5NXX #50397, Jack, K4NF #50708.



Part of the Crowd at the Hill Country Gathering

Back Row: Dave, KA5OVO #37297, 10-10 Certificate/Awards Guide Mgr., Bill, WD5EDR #23693, CM Outlaw/Bounty Hunter Robert, WA5JDU #3017, CM Bluebonnet, Mike, KC5CP #24949, 10-10 News DX Editor, Ray, N5DAS #35877, CM South Texas Lighthouse Brigade. Front Row: Carl, N5NYN #51310, CM Branding Iron II, Robert, KA5VVD #42188, CM Branding Iron.

Watch out for ambition, it can get you into a lot of work.

10th Annual Reno '93 Paperchasers Bash

The 10th Annual Reno Paperchasers weekend of fun will be held this year in Reno NV, on the weekend of August 12th to 15th. As usual the headquarters of the group will be the Circus Circus Hotel in downtown Reno.

Since this is the 10th year of this 10-10 gathering, some special plans and surprises are being planned. The same program as last year is planned for the group activities, that is:

| | | | |
|-------------|-----------|----------|---------------|
| August 12th | Dinner | 6:30 pm | Circus Buffet |
| August 13th | Dinner | 5:00 pm | Hickory Pit |
| August 14th | Net | 12:30 pm | 28.345 Mhz |
| August 15th | Breakfast | 9:00 am | Circus Cafe |

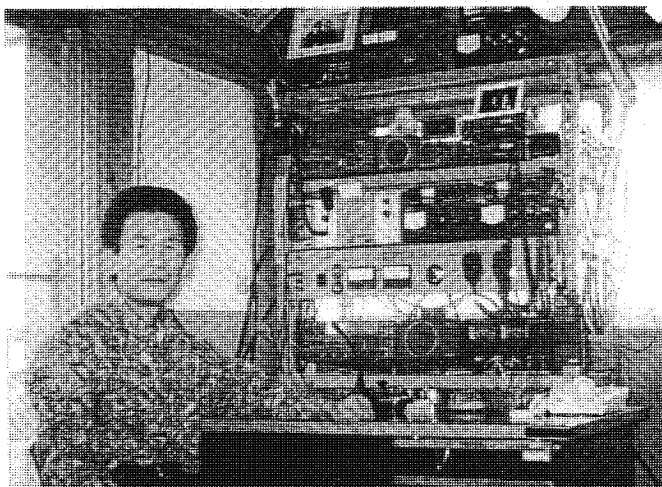
Make your own room reservations, and join the group at Circus Circus, usually on the 5th floor of the hotel. Just ask for the room of Bill (KB6YX #21335) and Betty (KB6AN #18673) Becker.

Perhaps what's wrong with the economy is that there isn't any.

Attention Mom's and Dad's

Do you have a boy or girl under the age of 14 that has their ham license, and their 10-10 number? The **NEWS** would like to do a series of stories on our younger members, **The Future of Amateur Radio**.

Send information about your "young ham" to the Editor, address on page 2, along with a picture. Remember the story about 7 year Casey Haley, KB5UEO #62168? It appeared in the October 1992 issue of the **NEWS**. Reread that story and send information about your "young ham" right away.



Yoshi, JS1OQHO #61599

Chapter Coordinators Column

David Prichard
KA5OVO
#37297



Reaffiliated...Broken Heart, Choctaw Bay, Iowa Hawkeye, and Ten Bar X.

No Longer Affiliated...No reports for 15 months: Beaver Valley, Breakwater, Brooklyn Bridge, E.A.T.T. and Zodiac.

In Extremis...59/62, Alaskan Iditarod, Harborites, LIARS, Lindbergh, Lone Star, Metro, Michigan Water Wonderland, Nutmeg, Parrot, and Wind Point Lighthouse. *Report by September 15, 1993.*

What's New?.....

Aftershock (WA6MVD).....Chapter has added an extra net at 1830 UTC Saturdays, on 28.340. There will be different net controls in order to give more members a chance to run the net. A special is planned for the Fall.

Air Capitol (K5ERJ).....Chapter will host the 1993 10-10 Convention in Wichita, Kansas, September 25th and 26th, and we hope that as many as possible of you will be there to join in the fun.

Battle Road (K1IEQ).....A special called "The Retreat" started on April 1, 1993. The only requirement to take part is you must have passed the 50 contact level. Ten worksheets will be passed out at random, one at a time, with upgrades or for a SASE to the CM. No seals or numbers will be passed out for the special and points will be applied to your Battle Road point value.

Branding Iron (K5VVD).....5th Anniversary special continues on until September 30, 1993. A new special on the *Branding Iron II* certificate started on May 23, 1993 and runs until May 23, 1994. Collect letters from members to spell "Black Horse". First set collected will be worth a +50 point upgrade, the second set will be worth +100 point upgrade, and the third set will be worth a +150 point upgrade. No dupes, and one wild card per set allowed. Send log and SASE to the CM, N5NYN.

Broken Heart (K4CIH).....Chapter is starting up again as of June 1, 1993. Old members, please send the CM your certificate number, seal numbers and WAS number, if you have them. If you have had

by-pass surgery, send the CM your story, and you will be a CL, if you get the certificate. If you've had a heart attack, send your story with your application and you'll be a C. All money collected beyond expenses, will go the Heart Fund. Send a SASE to the CM for more details. CM Tom Henderson, K4CIH #33233, 4901 15th Place East, Tuscaloosa, AL 35404.

Coffee Cup (KA5LQJ).....Starting August 1, 1993, two members will be named the "Brewmaster" and "Little Drip" each month. Working the *Brewmaster* will earn you a +10 point upgrade, and working the *Little Drip* will earn you a +5 point upgrade.

Colorado Bighorn (K0PVI).....Chapter will host a post-Wichita bar-b-que at the Bighorn Museum of Amateur Radio in Byers, CO., on September 28, 1993. Visit the museum and receive a 500 point upgrade on your Bighorn, and Explorer award on your Centennial. Museum is located about 60 miles East of Denver on I-70. send a SASE to the CM for more info. The Bighorn Museum, Box 229, Byers, CO 80103.

Colorado Centennial (N0CKW).....Chapter will present several awards at the 10-10 Convention in Wichita. Awards will be given for the highest Centennial score as of August 31, 1993, for the greatest distance traveled, for the oldest member, and for the youngest member. Wichita numbers will be given to members, and there will be drawing for bonus points.

Eagle Watch (KC4SDU).....Chapter will start a new "Wildflowers" certificate program in September. An SASE to the CM will bring details.

GB TEN (G4KHF).....Chapter will have a table in Wichita for the 10-10 Convention, with hopes of the Chapter Head being there. They would like to find someone to man their table in the event they can't make the trip over, so if you'd like to help out, drop a note to the CM. The Scarlet Pimpernel program ended as of May 31, 1993, but may be back in the Fall if band conditions pick up.

Imperial Dragon (VK3NTN).....CM reports there has been some problems with the local post office. All applications should go the VK3NTN, 115 Reservoir Road, Bendigo, Victoria, 3550, Australia, and not to the old PO Box.

Iowa Hawkeye (N0HJQ).....CM has a change of address. All upgrades and applications should go to Jon Goering, Rt. 3, Box 56, Osceola, IA 50213-9631.

L.V. Highrollers (N7HDB).....For those that don't know, there is a new CM for the chapter. Send all

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Chapter Coordinators Column

continued from page 17

upgrades to N7HBD, Gini Segedi, 1440 E. Charleston Blvd., Las Vegas, NV 89104. Nets are now on 28.444 at 1700 UTC, on Sundays.

Mad Swingers (SM5DYC).....CM reports that because of lack of local interest and declining band conditions, the chapter will go QRT in December 1993. All upgrades will be honored up until that time. (We will miss our only chapter in Sweden.)

Niantic Bay (KC1CP).....CM reports that chapter will join forces with Restoration Project for combined nets to try and improve local activity in both areas. Nets will be Saturdays at 2000 UTC on 28.747.

North Star (K0SE).....After 16 years at the same net location, the chapter has moved it's net to 28.432, at the same time and on the same day as before.

Restoration Project (VE7ACM).....Effective immediately, all Charters, HM, FC, FP, and FS holders are IQ for the basic certificate. Members holding City of Melbourne, Imperial Dragon, and Niantic Bay certificates can receive a 5 point upgrade on their Restoration Project for each of these chapters upgraded in the last 30 days. Please so state in your upgrade to receive credit.

Springbok (ZS6CRT).....Chapter has begun the second phase of it's certificate program. The "*Cities of South Africa*" program will consist of six certificates, each featuring a city in the R.S.A. and I have a sample of the Cape Town certificate and I can tell you it is very nice. Send a SASE to your CM for more details.

Other News.....In the April, 1928 issue of QST, it was announced the 10 meter band opened for amateur use for the first time. It was suppose to open for our use in January, 1929, but at the request of the ARRL, the Federal Radio Commission (the then FCC), allowed us to use it nine months early. Let's all wish 10 meters a happy 65th birthday, and remember it's not dead, it's only taking a few years of retirement, and should come back strong in a few years. Until it comes back strong, we should have some good short skip during the evening hours, and give you the chance to work those near-by states you don't hear during the peak years of the cycle.

Reminder to Chapters.....To remain affiliated with 10-10, all chapters must file a quarterly report at least once a year. It has always been that way, and it must remain that way in order for me to let the members know which chapters are active. This information is printed in the 10-10 Certificate Guide

and in the monthly Certificate Updates. We do not want to have our members waste their time and/or money to support a chapter that is no longer active.

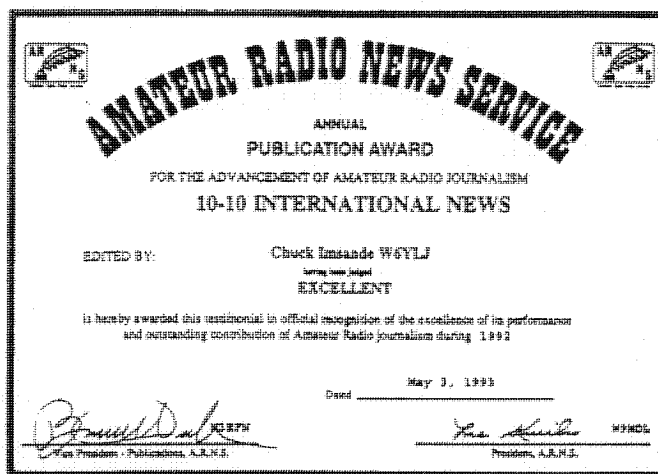
I hope all of you can make the 10-10 Convention in September. There will be many chapters represented in Wichita and lots of specials given out there.



Stan. NOABA #62357

The News Receives EXCELLENT Award from ARNS

The Amateur Radio News Service (ARNS) has judged the *News* "EXCELLENT" in their annual Publication Award Contest for 1992.



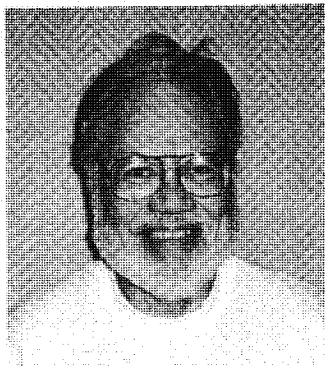
The three judges awarded the **News** a total of 261 points out of a total of 300 possible points. There were 90 amateur radio club publications entered in the ARNS contest in 1992.

The ARNS is an organization that publishes the ARNS Bulletin monthly with Amateur Radio news and information for editors of club newsletters and other amateur radio publications.

Paper Chasing

By Chuck Albrecht
N0CKW, #8105

In prior columns I have been discussing 10-10 Awards Lists and related items. This time lets take a look at the areas of the 10 meter band that most of the paper chasers hang out in. There are two main frequencies used. They are 28.345 and 28.825 MHz.



As the frequency 28.345 MHz is a gathering point, it would stand to reason that it can be very crowded at times when the band is open. When contact is made with another station, it might be wise for those two stations to QSY 5 or 10 MHz up or down so as to leave the main frequency clear for the next stations to come along. At different times there are some of the 10-10 Chapters holding their nets on the frequency also.

There is nothing worse than two stations holding the frequency talking about non-10-10 subjects when many other paper chasers are monitoring and hoping to work other paper chasers to gather their numbers and points. The other day there was a station in Seattle who stayed on the frequency for a long time and stated that he did not have a 10-10 number and he had nothing to do with 10-10. Then he proceeded to tell all about his operations on the CB Band. I broke in and asked the question of why he would tie-up the 10-10 monitoring frequency when he disliked 10-10 and his response was to QSY.

When stations are exchanging award numbers, please don't break until the exchange is completed. There is no point having stations talking over other stations.....the chaos will result. I have heard times when there have been as many as three or four pairs of stations talking at once. Remember to QSY after making contact to leave the frequency clear for others.

Besides using the paper chasers calling frequency, another idea is to check the net listings in the 10-10 Certificate Guide and check into a chapter's net so as to be able to get a lot of award numbers for that chapter. The 10-10 Net and Certificate Guide is published by 10-10 and is distributed by Dave, KA5OVO, for \$6.00. You will find Dave's address on

page 2 of the NEWS.

I am looking forward to the up-coming 10-10 Convention in Wichita, Kansas this coming September. I will be there at the Colorado Chapter's table and look forward to meeting everyone. Be sure to bring a good supply of copies of your list to pass out to other paper chasers that you meet. This will be a great chance to join up with many chapters of 10-10.

I received a card from Alan, N7ZVK #63747 indicating that he was confused as to what paper chasing is all about and I gave him a reply explaining the whys and wherefore. Remember that your input to this column is important and welcome. If you have any questions or suggestions relating to paper chasing, please feel free to write to me and I will try to answer your letters in the column. My address is: 532 Florence Street, Aurora, Colorado 80010. If you hear me on 10 meters, feel free to give me input to this column.

.....73 until next time, Chuck

Change of Address....

If you have a change of address, send the info to your **Area Manager** just as soon as you know your new address. Please do not send your address change to the Editor.

The post office does not forward bulk mail, so if you miss an issue send \$1.00 and an address label (no envelope) to the Information Manager. Mark the outside of your envelope - "MISSING ISSUE". Address is on page 2.



A Few MOKAN Teners
Front-Jay, W0QBX #5216, Gene, N0HBH #48782
Rear-Jules, KM0B #18139, Leo, KA0FMS #42616
and Don, WA0PBQ #342

Propagation

Mike Hawk
N0OST, #58788



As you've seen so far, sunspots are extremely important for propagation on 10 meters. You're probably wondering if there is a way for us to be able to keep up to date with the ISN, or other similar sunspot counts. Luckily, there is! The 10.7 cm Solar Flux is the answer. Not only is it a good indication of current sunspot numbers, but it can also be valuable for short term predictions.

Solar flux is measured on the 23 cm band (2800 Mhz) in Penticton, BC, in Canada every 24 hours at 1700 UTC.* Solar flux has a nearly direct (linear) relationship with sunspot numbers, so the higher the solar flux reading, the more sunspots there will be. During solar maximums, solar flux can reach over 300, while during solar minimums, it is generally below 100. It never reaches much lower than 65 or 70. A good guideline for us here in North America is that 10 meters will be open a little if the solar flux is above 120, and the band will be in real good shape if it's above 180. Of course, this is assuming that there is no auroral activity, and it varies from winter to summer.

As mentioned above, solar flux can be used to predict band conditions. Many times, sunspots are grouped together in a small area on the sun. As the sun rotates, these active regions will rotate to the other side of the sun for short periods. The rotation of the sun takes 27.27 days, so it stands to reason that every 27 days, the sun will be in the same position, and thus, close to the same propagation will exist. Because of the 27 day pattern, keeping track of solar flux can help you predict when propagation will be best. This is a fairly accurate way to predict for a few months, but the region of most activity on the sun is always slowly changing since sunspots may cease to exist, and new sunspot groups form, and thus, the time of the month when the most active area faces earth will also change.

What does the future hold? Originally, Cycle 22 was only predicted to peak at about 110 ISN, but reached about 155. Because of that, the predicted ISN of Cycle 23 was increased a little. Just 5 years ago, Cycle 23 was predicted to peak at only 65-85 ISN. As of now, most knowledgeable sources believe Solar Cycle 23 will begin around May or June 1997, end in 2008, and peak in February or

March 2000. It is predicted to be slightly lower than average, peaking at a sunspot count of 95 to 115. Solar flux values should lag the sunspot count by a few months, so expect the highest solar flux in mid and late 2000.

You can find updated solar flux levels on WWV in Ft. Collins, CO at 18 minutes after the hour. They broadcast on 2.5, 5, 10 and 15 MHz. Broadcasting on the same frequencies is WWVH in Hawaii. They give the same information at 45 minutes after the hour. These Geophysical Alert broadcasts last about 45 seconds. Besides solar flux, other important solar-terrestrial (sun-earth) information is given. These include the A and K indices, solar activity and geomagnetic activity for the past 24 hours, and the forecast for the next 24 hours. All of these are very important for us on 10 meters. Do to space restrictions, I cannot go into this subject as much as I'd like, but will talk about the A & K indices and the other information when we cover solar flares and auroral scatter. I recommend that you write to the National Oceanic and Atmospheric Administration, Environmental Research Laboratories, 325 Broadway, Boulder, CO 80303-3328. Request Technical Memorandum ERL SEL-80. It is an informative guide to these geophysical alert broadcasts, and will be sent free.

Also, be aware that there can be temporary increases in sunspots almost anytime throughout a cycle, as well as unexpected lulls. Be sure to keep up with the latest solar flux levels, and these won't catch you off guard.

On a different note, by now the sporadic-E (E-skip) season should be half over. E-skip should still occur through early September. This is a very important mode of propagation, especially with the declining solar cycle. Sporadic-E develops most often during the day, from a few hours after sunrise to a few hours before sunset. Many times there is a lull in the early afternoon. However, sporadic-E can occur anytime, so don't be surprised to hear it at 2:00 am, or in off months like October.

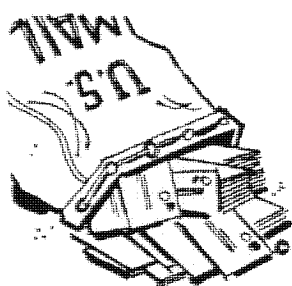
* Formally taken at the Algonquin Observatory in Ottawa, Canada. The site was changed in June 1991.

A Reminder

It's that time of the year again when our 5th District Manager, Grace, K5MRU #218, moves to Colorado for the summer. From now till October, send all 5th District correspondence to Grace Dunlap, K5MRU #218, PO Box 13, Rand, CO 80473. This includes new memberships, dues renewals and SK information.

The Mail Bag

This issue we devote the **Mail Bag** to additional comments from members regarding the **Open Letter/Open Reply** that was on page 14 of the last issue. If you have an opinion on the subject of **Contests, Contesting, etc.** send your comments to the Editor.



"Dear Chuck:

I have some comments to make not only on Rod Peterson's N9AKE letter, but also on the reply by Harry Syring WB1FTQ.

I agree with Rod. If he did not give the information to the caller then there was no exchange in accordance with the Contest Rules and that contact would not be legal and valid.

However, I disagree with Harry who confessed in his OPEN REPLY that 'there is no way to enforce this exchange requirement if individuals choose to circumvent the rules.'

In my opinion, there is a very simple way to defeat any such improper contact as described by Ron. It should be reported to the Contest Coordinator with the callsign, date and time of the alleged contact. The Contest Coordinator should then check the log of the offending operator, and if he finds the alleged contact was indeed logged, then that entry should be disallowed in accordance with the Rules.

There are many people, myself included, who enter a contest not only for fun and to provide activity on the 10-meter band, but also with the hope of being placed in the 'TOP TEN' list, the 'USA DISTRICT LEADERS' list or in the 'DX DISTRICT LEADERS' list.

The Contest Coordinator owes it as a duty to those of us who play by the rules, to ensure that all logs are scored in accordance with the Contest Rules."

.....Nat Green, 8P6SA #45858
St. Michael, Barbados

Editor's Note - Nat is the Tuesday 10-10 Net Control Station for the 28.800 net.

"Dear OM:
Your Open Letter of the April issue touches upon a far greater issue than simply itemizing the negative commentaries from the readership.

Licensed in 1932, I have watched and participated in the active growth of Ham Radio over time. From the days when building your own was mandatory for operation, to the present wonder-boxes churned out from the Asian Rim; I have melded my techniques and skills from project bench to contesting. And yes, its infinitely easier to punch a button on today's exotic rigs, moving from band to band, to my choice of modes; than it ever was with even some of the more sophisticated home brewed tube rigs I have built.

As these super-rigs have become more reachable--there was always that nagging question of just when the fraternity would stop kidding itself over what a Contest REALLY was, and then what would, or could be; the best way to achieve present goals for high number contesting. Actually, Contesting as we know it-is obsolete; entirely due to the increasingly sophisticated automation being made available.

The day is not far off when a Contest--assuming we still want them merely to accumulate contest points--will be reduced to FULLY AUTOMATIC, non-personal operation. Yes, the computer interfaced with a rig; will carry out all the necessary functions which are now required for an official log.

The operator will set up his coffee jug, put on slippers, have his snacks at hand, and merely kick on AC power switches to begin a contest. Like an aircraft autopilot, the Ham will become no more than a human monitor checking for a malfunction. From start to finish, one rig will 'talk' with another; while the computers are busy setting up the contact data for final printout.

Like it or not--the day of automation is moving more rapidly than we may chose to acknowledge. Its the Ham Radio of the 21st century. And rather than quibble over present day techniques; its time to move, literally into that exotic Ham future."

.....Gene Shapiro, W0DLQ #31543
Prairie Village, KS

Editors Note - When Ham Radio becomes that automated, I for one will be looking for another hobby. Your comments are welcome.

WANTED - PHOTOGRAPHS

Send photos of you or any 10-10 member, or 10-10 activity, to the Editor. Black and white or color photos are acceptable. Do not cut photo's. Be sure to include identification of the persons or activity. It is best not to write directly on the back of the photo, but to put a label or post-it on the back of the photo with the information.

de Chairman Winter 1993 SSB QSO Party

Don Zielinski
K0PVI #9902



Well another QSO Party is behind us and history! The party of February 6-7 netted a near record 643 logs, with 62 reporting Chapters. The DX participation was way up, much to my surprise, and delight.

Congratulations to Dirk, VP2VF on his first win. This was an amazing win for Dirk, as it was the very first time that he had competed in a 10-10 contest!

Hats-off also to the City of Lights Chapter for their over-whelming win as Chapter Aggregate Score. A total of 73 logs were received from their Chapter members. This shows what a Chapter can do if they really put themselves to it. A very fine tribute to Gerry Frieders guys! Again KUDOS!

Just a few comments and clarifications on the rules: Remember, you can submit your logs for aggregate scores to your LOCAL Chapter ONLY! This means that you must be able to contact the Chapter Net via ground-wave ONLY to qualify.

Proof of paid membership is accepted by the mailing label on your **10-10 NEWS** or a photo copy of your membership card. Do not send your original! Also copies of your certificate will not work as they indicate when you joined only. I understand the problems with the postal service, so I did make some allowances, but if all possible, please don't wait until your membership expires until you renew. That would eliminate that problem.

I am looking forward to scoring the August Contest. Hope that the propagation is there! Please note that no matter what you may have heard from anyone, including myself, my address remains the same -- PO Box 112, Watkins, CO 80137.

SSB Contest Chapter Scores

| CHAPTER | LOGS | QSO'S | POINTS |
|-------------------|------|-------|--------|
| City of Lights | 73 | 8580 | 16020 |
| Houston Shot | 35 | 4910 | 9003 |
| Republic of Texas | 45 | 4350 | 8161 |
| Possom Trot | 42 | 4138 | 7602 |
| Bay Area | 22 | 2427 | 4626 |
| Colorado Bighorn | 13 | 2543 | 4586 |
| Old Dominion | 25 | 2504 | 4581 |

| | | | |
|---------------------------|----|------|------|
| C.A.T.T. | 21 | 2310 | 4153 |
| Minuteman | 11 | 2001 | 3656 |
| Battle Road | 9 | 1674 | 3124 |
| Fort McHenry | 19 | 1608 | 2999 |
| Outlaws | 5 | 1568 | 2764 |
| Golden Bear | 11 | 1291 | 2476 |
| Steel City | 8 | 1320 | 2473 |
| Cradle of Liberty | 10 | 1342 | 2406 |
| City of Roses | 7 | 1015 | 1908 |
| Windfarms | 8 | 979 | 1874 |
| Edmonton 10ers | 2 | 898 | 1627 |
| Gateway | 9 | 868 | 1600 |
| Nutmeg | 7 | 845 | 1600 |
| Trollers & Pacers | 8 | 716 | 1346 |
| Lighthouse | 3 | 711 | 1247 |
| Samuel Clemens | 5 | 665 | 1222 |
| Suncoast | 11 | 584 | 1083 |
| Grinning Armadillo | 2 | 582 | 1050 |
| Milwaukee | 7 | 520 | 957 |
| City of Champions | 1 | 389 | 709 |
| Hudson Valley | 3 | 394 | 708 |
| Whitehouse | 2 | 388 | 682 |
| Ten Bar X | 1 | 327 | 601 |
| Restoration Project | 3 | 285 | 564 |
| Crazy Eights | 8 | 299 | 563 |
| Sky Blue Waters | 7 | 286 | 547 |
| L.I.A.R.S. | 1 | 289 | 506 |
| Wiregrass Peanut Pickers | 4 | 251 | 479 |
| Harborites | 1 | 242 | 465 |
| Boringe | 8 | 266 | 454 |
| Music City | 3 | 229 | 424 |
| Michigan Water Wonderland | 1 | 209 | 379 |
| Branding Iron | 2 | 186 | 341 |
| Tango | 1 | 161 | 295 |
| Okie Relays | 1 | 154 | 291 |
| Main-lacs | 1 | 152 | 281 |
| Down Under | 3 | 156 | 276 |
| Springbok International | 1 | 131 | 243 |
| Cypress | 2 | 126 | 237 |
| Choctaw Bay | 1 | 128 | 224 |
| Egyptian | 1 | 123 | 222 |
| Ali's | 2 | 91 | 177 |
| Platte River | 3 | 99 | 174 |
| Bauxite | 1 | 82 | 151 |
| 28 Chapter | 4 | 88 | 149 |
| Red River Valley | 1 | 75 | 139 |
| Castle Craig | 1 | 70 | 135 |
| Mokan | 3 | 68 | 125 |
| Lindberg | 1 | 53 | 106 |
| Deleware Valley | 2 | 37 | 72 |
| Great Smokey Mountains | 3 | 31 | 62 |
| Michiana | 1 | 32 | 57 |
| Ocean State | 1 | 21 | 42 |
| Black Hawk Valley | 1 | 17 | 34 |
| City of Melbourne | 1 | 12 | 23 |

Chapter Heads - ATTENTION

If your chapter publishes a newsletter (or whatever) please add the **10-10 News** editor to your mailing list. This will keep me informed as to what your chapter is doing and you can get write-ups in the **NEWS**.
.....Tnx, Editor

CONTEST RESULTS

WINTER 1993 SSB QSO PARTY

TOP TEN - WORLD

| CALL | QSO's | POINTS |
|--------|-------|--------|
| VP2FV | 897 | 1680 |
| KC6QXU | 910 | 1630 |
| WN9P | 806 | 1448 |
| WA5JDU | 810 | 1370 |
| W7LD | 748 | 1365 |
| KB6NAN | 731 | 1327 |
| K0LT | 682 | 1187 |
| KC5CP | 656 | 1160 |
| KF5SB | 629 | 1123 |
| WW1E | 617 | 1097 |

AREA 1

| CALL | QSO's | POINTS |
|--------|-------|--------|
| WW1E | 617 | 1097 |
| N1API | 431 | 771 |
| KC1FV | 301 | 562 |
| K1IEQ | 301 | 558 |
| WA1VOA | 259 | 477 |
| K1ETT | 235 | 435 |
| WA1ENO | 233 | 432 |
| W1GUC | 225 | 422 |
| N1BTF | 202 | 371 |
| KA1YIY | 194 | 364 |
| KA1LEV | 191 | 354 |
| WB1ARU | 189 | 347 |
| W1WS | 185 | 343 |
| W1RFW | 181 | 337 |
| K1SVP | 176 | 320 |
| AK1L | 152 | 281 |
| W1MXI | 147 | 273 |
| N1MKD | 135 | 252 |
| KA1AAU | 128 | 246 |
| K1AYR | 107 | 211 |
| KA1YQG | 110 | 208 |
| W1SIX | 103 | 202 |
| WB1FTQ | 97 | 185 |
| KA1RVY | 83 | 152 |
| WA1SMH | 78 | 150 |
| WB1ENL | 71 | 139 |
| WA1DUZ | 72 | 135 |
| WU1E | 70 | 135 |
| WA1WPJ | 65 | 127 |
| KC1MI | 61 | 114 |
| W1QMT | 49 | 96 |
| WB2SGI | 49 | 94 |
| KA1SZP | 33 | 64 |
| KA1EAP | 32 | 62 |
| W1VIV | 29 | 58 |
| KA1VRF | 24 | 47 |
| K1QFD | 21 | 42 |
| K1LEZ | 20 | 36 |

| | | |
|--------|----|----|
| KA1EBI | 14 | 28 |
| WW1P | 8 | 16 |

AREA 2

| CALL | QSO's | POINTS |
|--------|-------|--------|
| WA2SUH | 289 | 506 |
| N2PKP | 246 | 426 |
| AA2AH | 213 | 384 |
| WA2JQK | 188 | 339 |
| WB2HPU | 129 | 242 |
| N2LDU | 134 | 233 |
| WB2WGR | 109 | 198 |
| NC2Q | 105 | 187 |
| K2HLC | 94 | 185 |
| KD2EC | 101 | 182 |
| WA2TSR | 87 | 165 |
| WB2SXT | 70 | 136 |
| W2KRK | 68 | 133 |
| N2MYM | 64 | 121 |
| KB2MRI | 62 | 120 |
| WB2ZSW | 53 | 106 |
| KX2W | 54 | 100 |
| WB2STV | 46 | 90 |
| WB2LOS | 30 | 57 |
| N2GBY | 21 | 40 |

AREA 3

| CALL | QSO's | POINTS |
|--------|-------|--------|
| WY3T | 467 | 840 |
| K3TC | 374 | 656 |
| K3ALQ | 295 | 499 |
| WA3ELE | 275 | 495 |
| N3CIX | 215 | 397 |
| KC3PZ | 200 | 373 |
| W3BNQ | 144 | 272 |
| N3GZB | 120 | 228 |
| WB3FGU | 117 | 220 |
| NIGI | 116 | 211 |
| AA3CA | 115 | 209 |
| NW3O | 105 | 206 |
| N3EDJ | 106 | 193 |
| KA3SDA | 89 | 170 |
| K3TUJ | 80 | 150 |
| WB3AEX | 73 | 138 |
| KA3NMB | 72 | 136 |
| W3FQN | 74 | 136 |
| W3EHZ | 55 | 104 |
| KA3AVB | 52 | 99 |
| W3QHM | 45 | 83 |
| KI3D | 45 | 83 |
| N3FUR | 40 | 78 |
| N3HSH | 40 | 77 |
| KA3SBO | 41 | 77 |

| | | |
|--------|----|----|
| K3NPH | 42 | 77 |
| W4KM | 39 | 71 |
| KA3YAH | 40 | 67 |
| KA3HZI | 36 | 65 |
| N3JKS | 38 | 63 |
| W3VKR | 30 | 59 |
| NA3H | 30 | 59 |
| K3GDI | 28 | 54 |
| WK3A | 28 | 54 |
| WB3BGH | 26 | 49 |
| W3DCN | 25 | 49 |
| KA3UQL | 24 | 48 |
| WA3YLO | 24 | 47 |
| KA3QOY | 28 | 47 |
| K3OAH | 24 | 47 |
| WA3MIK | 25 | 46 |
| K3DYX | 16 | 32 |
| W3EIW | 16 | 31 |
| WB3BMA | 14 | 26 |

AREA 4

| CALL | QSO's | POINTS |
|--------|-------|--------|
| W4JHE | 543 | 964 |
| WB4EVH | 429 | 746 |
| N4ANV | 380 | 654 |
| KO4PI | 350 | 605 |
| WA4HMX | 315 | 558 |
| N4UGH | 315 | 548 |
| WB4GVZ | 301 | 532 |
| K4HYM | 277 | 510 |
| KN4ZZ | 256 | 462 |
| K4PXO | 238 | 439 |
| KC4TBS | 243 | 430 |
| WB1DBZ | 222 | 426 |
| K4QFK | 204 | 370 |
| KD4DFJ | 194 | 357 |
| W4PNC | 155 | 294 |
| KC4TAR | 165 | 286 |
| KJ4SJ | 145 | 284 |
| WA4QDM | 148 | 284 |
| W4KFV | 155 | 283 |
| KJ4RV | 144 | 264 |
| KU4W | 140 | 258 |
| KC4YVJ | 138 | 251 |
| N4JII | 127 | 235 |
| W4WKQ | 128 | 224 |
| KC4WPH | 123 | 223 |
| KP4KTD | 108 | 200 |
| WH2ATT | 106 | 199 |
| NK0S | 100 | 185 |
| KC4JAN | 98 | 185 |
| AC4OB | 104 | 183 |
| KA4YIP | 93 | 181 |

| | | |
|---------|----|-----|
| K4HTU | 94 | 177 |
| KD4GAA | 92 | 176 |
| N4EWG | 93 | 172 |
| KD4IBI | 90 | 170 |
| AE2L | 85 | 166 |
| WD4BOW | 91 | 164 |
| KA4H | 86 | 158 |
| N4GQM | 88 | 156 |
| N2EGO | 81 | 149 |
| KL7NL | 73 | 143 |
| KD4UYA | 74 | 139 |
| N4FHM | 71 | 135 |
| N4YEF | 75 | 134 |
| KD4BPT | 76 | 133 |
| KB4WC | 71 | 129 |
| KD4KWT | 69 | 128 |
| K4HAV | 65 | 128 |
| KD4IGP | 66 | 127 |
| KD4QVL | 69 | 126 |
| KD4RJL | 66 | 124 |
| AA4PR | 61 | 119 |
| WA4YMD | 61 | 117 |
| KC4THA | 58 | 115 |
| WA4LZD | 58 | 113 |
| KB4UGM | 60 | 113 |
| N4NII | 58 | 112 |
| N3BLJ/4 | 58 | 111 |
| WA4YJO | 60 | 111 |
| N4OTB | 60 | 111 |
| N4HOZ | 60 | 110 |
| KC4UNC | 57 | 110 |
| KC4YVA | 56 | 108 |
| KC4RSZ | 57 | 107 |
| AB4WU | 52 | 101 |
| WA2HQB | 57 | 101 |
| N4LBB | 52 | 100 |
| KN4XP | 52 | 97 |
| KK4TB | 50 | 96 |
| K9EHP | 51 | 96 |
| KD4EVS | 50 | 95 |
| KA1OZD | 48 | 91 |
| W4EHF | 45 | 87 |
| W4LPL | 46 | 85 |
| KC4UM | 43 | 85 |
| WB4WZH | 44 | 82 |
| KC4TDK | 41 | 81 |
| KD4NOE | 42 | 77 |
| K4MAC | 38 | 76 |
| WB7OND | 37 | 71 |
| KN4SS | 37 | 71 |
| KD4ACG | 36 | 70 |
| NS4U | 34 | 65 |
| WN4BBJ | 33 | 65 |

WINTER 1993 SSB QSO PARTY

[illegible]

CONTEST RESULTS

WINTER 1993 SSB QSO PARTY

| AREA 7 CONT. | | | AREA 9 | | | N9ICH | | | AREA 0 | | |
|--------------|-------|--------|--------|-------|--------|--------|-------|--------|---------|-------|--------|
| CALL | QSO's | POINTS | CALL | QSO's | POINTS | CALL | QSO's | POINTS | CALL | QSO's | POINTS |
| KB7FMW | 144 | 267 | WN9P | 806 | 1448 | N9JOK | 71 | 138 | K0LT | 682 | 1187 |
| KB7PAH | 112 | 217 | K9EUI | 553 | 994 | KB9FED | 73 | 138 | WB0CON | 499 | 884 |
| AA7SJ | 112 | 211 | WA9TPQ | 466 | 823 | N9KBI | 69 | 135 | K0PVI | 338 | 607 |
| WB7TIM | 91 | 180 | NG9J | 457 | 813 | KD9XP | 66 | 129 | K0PKX | 236 | 427 |
| AD7L | 80 | 154 | KE9WZ | 372 | 683 | WB9O | 68 | 127 | W0ERZ | 212 | 388 |
| N7FAK | 75 | 149 | KC9UM | 366 | 667 | W9ETU | 61 | 120 | KF0EX | 194 | 353 |
| N7UDT | 73 | 141 | KC9OZ | 377 | 650 | KB9ARA | 64 | 120 | K0WEX | 171 | 306 |
| N7BIP | 68 | 133 | KE9VK | 348 | 642 | WA9SLT | 60 | 118 | K0HOF | 163 | 296 |
| VE5KM/W7 | 64 | 128 | WB9MRL | 273 | 503 | N9BTF | 59 | 116 | WB0BLJ | 158 | 287 |
| W7DIF | 49 | 98 | KE9CX | 272 | 492 | N9HHU | 61 | 115 | WB0QXJ | 142 | 261 |
| K7QXG | 38 | 76 | KD9WF | 248 | 470 | W9MZZ | 58 | 110 | KB0ADI | 123 | 228 |
| KA0SVY | 31 | 58 | NA9A | 251 | 459 | N9QKA | 53 | 106 | W0QX | 126 | 226 |
| KA7AMY | 28 | 55 | N9FWM | 244 | 451 | N9FWW | 53 | 105 | KF0PO | 111 | 215 |
| N7VZE | 9 | 18 | WA0AVL | 233 | 441 | KD9KN | 50 | 99 | N0QOO | 112 | 215 |
| AREA 8 | | | AI9U | 240 | 434 | KA9MOM | 51 | 98 | KB0AOU | 111 | 206 |
| CALL | QSO's | POINTS | WB9DOF | 225 | 420 | WA9AUW | 49 | 97 | W0RTV | 106 | 205 |
| KA8WEO | 302 | 537 | N9III | 214 | 402 | KA9EQD | 49 | 96 | K00IR | 105 | 195 |
| W8PJY | 251 | 450 | KA9JNL | 214 | 398 | N9HQA | 47 | 94 | KF0SR | 76 | 144 |
| WB8BUQ | 209 | 379 | W9WYN | 195 | 370 | KA9MXM | 51 | 93 | N0CKW | 68 | 129 |
| W8WVR | 199 | 355 | K9KBJ | 196 | 360 | K9HOF | 46 | 90 | WB0GGO | 69 | 129 |
| N8FU | 182 | 349 | W9CEQ | 196 | 360 | N9GWU | 43 | 86 | WA6POZ | 75 | 128 |
| K8DHK | 182 | 349 | KA9VXM | 190 | 356 | W9CZA | 43 | 84 | WA0SMX | 66 | 120 |
| KB8FGM | 175 | 331 | N9HFL | 192 | 351 | N9KMF | 40 | 79 | N0DBG | 60 | 120 |
| KF8FM | 156 | 288 | WA9RWJ | 180 | 345 | WB9VWU | 38 | 74 | WA0OTO | 52 | 96 |
| KA8HQJ | 150 | 276 | KD9WD | 166 | 317 | KA9HFA | 37 | 74 | WD0APK | 50 | 95 |
| N8KOJ | 143 | 259 | KB9DTR | 168 | 314 | WB9OMC | 39 | 73 | W5SRQ | 42 | 82 |
| W8JSM | 130 | 232 | AK9Y | 159 | 299 | KA9NSE | 37 | 73 | N8JCI | 37 | 70 |
| W8LBQ | 106 | 192 | KD9RD | 155 | 287 | N9DAJ | 35 | 70 | KA0ZPP | 35 | 69 |
| WD8PUP | 76 | 159 | ND9Y | 155 | 287 | WX9I | 34 | 66 | KA0ZIA | 30 | 59 |
| N8BMJ | 66 | 130 | N9KLH | 138 | 246 | KB9BVQ | 34 | 65 | N0BZM | 31 | 56 |
| K8DEN | 53 | 106 | WA9OHU | 130 | 242 | W9PQH | 35 | 65 | WB0RHR | 28 | 51 |
| N8QGE | 53 | 106 | KD9RU | 125 | 239 | WS9F | 32 | 64 | WB0RBH | 23 | 46 |
| NB8K | 54 | 102 | N9JTV | 130 | 237 | N9IJO | 31 | 61 | W0POF | 20 | 38 |
| N8GBE | 54 | 101 | N9AVY | 122 | 235 | K0ZTI | 30 | 60 | NA0J | 20 | 37 |
| WB8KLP | 38 | 74 | N9OPV | 123 | 222 | N9DCQ | 30 | 60 | KF0ZJ | 17 | 33 |
| K8UIN | 35 | 69 | KA9FCF | 110 | 211 | K9Wfy | 28 | 56 | WB0GFV | 14 | 26 |
| KB8EBX | 35 | 69 | KB9XN | 111 | 210 | KB9BVS | 29 | 55 | N0MSB | 10 | 20 |
| NU8U | 32 | 63 | N9ASC | 107 | 210 | WA9AYJ | 25 | 50 | WA0IVY | 9 | 18 |
| WD8MZD | 31 | 61 | WD9GIG | 109 | 207 | KB9IDW | 24 | 48 | N0HBH | 9 | 18 |
| W8HIO | 31 | 61 | N9AAI | 113 | 202 | WU9K | 24 | 48 | KB0GEC | 7 | 13 |
| K8SCH | 29 | 58 | KA9MTY | 109 | 200 | WA9TWE | 24 | 47 | N0INZ | 3 | 6 |
| KA8WEH | 32 | 57 | N9AKE | 106 | 198 | KC9CI | 22 | 40 | AREA DX | | |
| N8WMB | 31 | 55 | WD9AQL | 95 | 187 | K9KKX | 18 | 36 | CALL | QSO's | POINTS |
| N8MEY | 23 | 45 | NI9H | 96 | 187 | W9MOS | 17 | 34 | VP2VF | 897 | 1680 |
| WC8F | 21 | 42 | N9FXQ | 99 | 182 | W9NE | 15 | 30 | VE6ATT | 541 | 973 |
| KF8RW | 23 | 40 | K9JMA | 90 | 178 | W9VA | 15 | 27 | ZB2JL | 570 | 884 |
| KB8HEY | 16 | 32 | K9LWN | 89 | 177 | KA9QDK | 10 | 20 | VE6BMX | 389 | 709 |
| W8UKQ | 15 | 29 | K9US | 90 | 176 | WB9TNQ | 9 | 18 | VE6MRT | 357 | 654 |
| KD8LU | 5 | 10 | WA9SFH | 92 | 170 | W9KCM | 2 | 4 | CT4UW | 356 | 643 |
| | | | N9OQL | 93 | 168 | | | | 8P6SA | 331 | 611 |
| | | | K9RKU | 82 | 158 | | | | | | |

CONTEST RESULTS

WINTER 1993 SSB QSO PARTY

| AREA DX CONT. | | | | | | | | | | | |
|---------------|-------|--------|--------|-----|-----|--------|----|----|--------|----|----|
| CALL | QSO's | POINTS | | | | | | | | | |
| 6Y5DA | 312 | 510 | VE7AAP | 121 | 239 | 4N5JA | 56 | 99 | ON6XN | 28 | 46 |
| VP5JM | 285 | 507 | VE7ACM | 121 | 239 | CE3AF | 50 | 97 | DH9VA | 26 | 38 |
| VE7IDV | 223 | 422 | ZS6AUH | 111 | 230 | VE7WPC | 43 | 86 | VK6RG | 20 | 34 |
| VE5BF | 228 | 402 | F1HNQ | 127 | 225 | VE3FSV | 36 | 69 | VE6NKB | 20 | 33 |
| 4N7ZZ | 213 | 366 | PA2NJC | 86 | 165 | PY2DBU | 34 | 65 | VK3YU | 12 | 23 |
| CT1AHU | 184 | 353 | HI8PJP | 89 | 163 | G3MDH | 40 | 64 | ZL1BZK | 12 | 21 |
| GI4SNA | 227 | 301 | VK2MJV | 98 | 151 | VK6PP | 36 | 63 | VK6SNH | 12 | 19 |
| LU1BJW | 161 | 295 | JH1UUT | 81 | 138 | IK1PMR | 33 | 61 | ON4GN | 11 | 18 |
| CT1BBJ | 158 | 281 | UA0FZ | 75 | 138 | YB3ARU | 36 | 60 | PA3AJT | 12 | 17 |
| ON9CDR | 166 | 281 | DL5OAH | 85 | 136 | ZS6AQS | 30 | 58 | ON6CU | 8 | 16 |
| VE1JIM | 147 | 278 | ZL1LE | 80 | 134 | ON7YO | 30 | 55 | ON4KFM | 6 | 11 |
| ZS4AE | 131 | 243 | KH6DRT | 65 | 127 | 8P6AF | 28 | 52 | ON4KDX | 5 | 10 |
| HP6AYV | 132 | 243 | ZL1KQ | 64 | 121 | ZS6CRT | 26 | 52 | | | |
| | | | JA1QGT | 61 | 114 | KH6F | 26 | 50 | | | |
| | | | IT9NAN | 73 | 99 | OH3MPF | 35 | 48 | | | |

"The Best Way to Win a Contest"

By Joe Banando, KC6QXU #59560

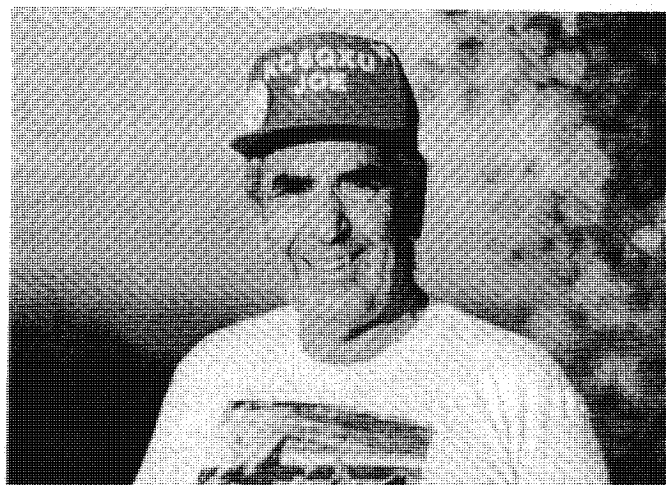
It took too many years for me to become a ham, approaching 65 and licensed since January 1991, I discovered that there's a lot of rewards and fun working friends around the world, and especially in 10-10.

I was a lucky one. Received my number in June of 1991 and a few weeks later, won 6 land 10-10 SSB contest, and was 5th in the USA.

Had a ball. Thanks to the experience I received working Field Day with the Palomar ARC calling CQ on 10 meters. I was also encouraged during the contest, sharing the same frequency for a couple of hours with a great ham, now SK, Jim Michaels, W6PGM #10. My 430S and home brew inverted "V" did a great job for me. I have my award on the wall to prove it!

In the 1992 contest, I was in the upper 10 in 6 land. Tried using a voice keyer, didn't like it at all, so after an hours use, packed it up and sent it back.

This year in the February 1993 SSB contest, I was very surprised, as I took 2nd World Wide, and the best part was I truly had a ball. Had 910 contacts with 1630 points, with .70 dupes, and logged it by hand. It filled a full new legal pad. Talk about work, it took another 5+ days to dupe and computer log the contacts. I received 366 new numbers, 53 new



Joe, KC6QXU #59560

VP's, including VP#1, Grace, K5MRU #218. It also got me my 3600 BAR. Exchanged 46 10X Chapter information with: Springbok, Suncoast, Tinlizzy, Steel City, Peach State, High Rollers, City of Melbourne, and Speedway to name just a few. Worked 9 OM/XYL Teams, worked 13 Countries and just missed another WAS.

But, the real fun was working 15 youngsters, the future of ham radio. When I worked Cody, KB5WYJ (9 years old), he asked me if I wanted to work his younger brother, and Casey KB5UEO #62168 (age 7) came back. And there were 13 more, all under the age of 15.

The best way to win a contest is to have fun doing it, and make new friends along the way. My thanks to 10-10 for the opportunity to participate, and especially to my XYL for putting up with it all!

10-10 AWARDS

AWARDS ISSUED THROUGH MAY 31, 1993

TOP TEN HONOR ROLL

Ed Neal, N5EBA

| | CALL | 10-10# | CONTACTS |
|----|--------|--------|----------|
| 1 | WA5JDU | 3017 | 21,400 |
| 2 | W0RWC | 518 | 19,400 |
| 3 | PJ2WG | 27999 | 17,000 |
| 4 | WB1DBZ | 26001 | 16,400 |
| 5 | K5MRU | 218 | 16,200 |
| 6 | N7KRS | 50268 | 15,200 |
| 7 | W4WKQ | 33299 | 13,200 |
| 8 | WA9LIC | 1599 | 11,600 |
| 9 | N5CUQ | 40 | 11,300 |
| 10 | WB7NUU | 17416 | 11,000 |

VP AWARDS (500 BAR)

Glen Harding, K7OMK

| VP # | CALL | 10-10# |
|------|--------|--------|
| 2670 | KA9VPF | 58650 |
| 2671 | VE6SYN | 58932 |
| 2672 | N9OPV | 61484 |
| 2673 | WA5CXV | 11618 |
| 2674 | VP2VF | 63440 |
| 2675 | K0HOF | 51003 |
| 2676 | WA1EBJ | 20497 |
| 2677 | AA2AH | 61795 |
| 2678 | WB7VIF | 54637 |
| 2679 | G4XGF | 50457 |
| 2680 | IK5NTJ | 25791 |
| 2681 | KO4FB | 57510 |
| 2682 | K16RH | 54722 |
| 2683 | KA1YDH | 59140 |
| 2684 | KA5NME | 57658 |
| 2685 | N4UAA | 49529 |
| 2686 | N1IND | 57840 |
| 2687 | N0SYU | 62326 |
| 2688 | N9OSN | 61493 |
| 2689 | N2LWL | 59428 |
| 2690 | N1DSN | 60115 |
| 2691 | W0GWT | 56356 |

1000 BAR

Ed Neal, N5EBA

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 1317 | N7EMY | 35659 |
| 1318 | K4MIJ | 1703 |
| 1319 | WA6ZHX | 52663 |
| 1320 | N5PTR | 57105 |
| 1321 | W0SBL | 19491 |

| | | |
|------|--------|-------|
| 1322 | KJ5CV | 61317 |
| 1323 | W9BIG | 1878 |
| 1324 | KA1FPQ | 41799 |
| 1325 | N0KBD | 48715 |
| 1326 | W1MXI | 17800 |
| 1327 | PA3EUC | 18450 |
| 1328 | VE7AAP | 50407 |
| 1329 | KB6UPG | 51849 |
| 1330 | W6LWI | 52685 |
| 1331 | VP2VF | 63440 |
| 1332 | N0LKX | 29889 |
| 1333 | KG7EZ | 7974 |
| 1334 | K3BYV | 33844 |
| 1335 | ZS6CGS | 55558 |

2500 BAR

| | | |
|-----|--------|-------|
| 338 | N5NRO | 51350 |
| 339 | 8P6SA | 45858 |
| 340 | AF5A | 18854 |
| 341 | WB4EVH | 1200 |
| 342 | N5SCA | 57160 |
| 343 | AA4UF | 41176 |
| 344 | KB6NAN | 42850 |
| 345 | KB5FR | 17217 |
| 346 | K3TUJ | 7561 |

5000 BAR

| | | |
|----|-------|-------|
| 62 | K1IEQ | 31363 |
|----|-------|-------|

7500 BAR

| | | |
|----|-------|-------|
| 28 | KC9OZ | 35140 |
|----|-------|-------|

VP AWARDS

Hiram E. Wolf, W4NWP

VP-100

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 287 | WA1SMH | 13784 |
| 288 | WD9COP | 31130 |
| 289 | N5RXA | 58479 |
| 290 | WB6URK | 23567 |
| 291 | N5VAV | 59692 |
| 292 | N5SCA | 57160 |
| 293 | KB0IDI | 56399 |
| 294 | N5XSW | 62183 |
| 295 | AA2AH | 61795 |
| 296 | K6SIW | 48519 |
| 297 | LU1BJW | 39329 |
| 298 | KB0GEC | 56307 |

VP-200

| CERT # | CALL | 10-10 # |
|--------|----------|---------|
| 124 | K9KLH | 58657 |
| 125 | WB6URK | 23567 |
| 126 | N5RXA | 58479 |
| 127 | N5SCA | 57160 |
| 128 | N5AFV | 27571 |
| 129 | KB5UPG | 51849 |
| 130 | W7CXE | 27881 |
| 131 | KB6TBW/7 | 44685 |
| 132 | K6SIW | 45819 |
| 133 | LU1BJW | 39329 |
| 134 | KB0GEC | 56307 |

VP-300

| CERT # | CALL | 10-10 # |
|--------|--------|---------|
| 67 | N1HAQ | 53399 |
| 68 | N6SNO | 47934 |
| 69 | WB6URK | 23567 |
| 70 | KC4LOR | 56976 |
| 71 | N5AFV | 27571 |
| 72 | K6SIW | 48519 |
| 73 | LU1BJW | 39329 |
| 74 | CT4UW | 35051 |

VP-400

| CERT # | CALL | 10-10 # |
|--------|--------|---------|
| 42 | WB6URK | 23567 |
| 43 | K9EHP | 2847 |
| 44 | K6SIW | 48519 |

VP-500

| CERT # | CALL | 10-10 # |
|--------|--------|---------|
| 26 | WB6URK | 23567 |
| 27 | K6SIW | 48519 |

VP-600

| CERT # | CALL | 10-10 # |
|--------|------|---------|
| 17 | WN9P | 41483 |

VP-700

| CERT # | CALL | 10-10 # |
|--------|-------|---------|
| 12 | AA4UF | 44176 |

VP-800

| CERT # | CALL | 10-10 # |
|--------|-------|---------|
| 12 | AA4UF | 44176 |

VP-1200

| CERT # | CALL | 10-10 # |
|--------|--------|---------|
| 2 | VE4ROY | 42913 |

10-10 AWARDS

AWARDS ISSUED THROUGH MAY 31, 1993

OM/XYL AWARD

Elaine Nickoloff, N8CBE

BASIC - 10 TEAMS

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 326 | N0SYU | 62326 |
| 331 | CT4UW | 35051 |
| 332 | KB0GDI | 57236 |
| 333 | K7OMK | 1407 |

25 TEAMS

| | | |
|-----|--------|-------|
| 332 | KB0GDI | 57236 |
| 333 | K6OMK | 1407 |
| 326 | N0SYU | 62326 |
| 311 | HP6AYV | 52764 |

50 TEAMS

| | | |
|-----|-------|-------|
| 269 | AF5W | 11616 |
| 289 | VK4QN | 19040 |

100 TEAMS

| | | |
|-----|-------|-------|
| 256 | W5EIJ | 11732 |
|-----|-------|-------|

125 TEAMS

| | | |
|-----|-------|-------|
| 318 | F2YT | 22871 |
| 280 | K6SIW | 48519 |

COUNTRIES AWARD

Alan Sherman, K1AS

25 COUNTRIES

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 467 | N6WMF | 50139 |
| 468 | NK0S | 60732 |
| 469 | KE9WZ | 49610 |
| 470 | KE9VK | 50631 |
| 471 | KF9KZ | 61451 |
| 472 | KD7RX | 38532 |
| 473 | WB2NEY | 59438 |
| 474 | W4WKQ | 33299 |
| 475 | WA1ZIC | 29601 |
| 476 | DL8LAC | 58915 |
| 477 | KD4FNA | 60733 |
| 478 | KB2NEK | 59491 |
| 479 | K3TUJ | 7561 |
| 480 | KA3TUG | 50571 |

35 COUNTRIES

| | | |
|-----|--------|-------|
| 254 | WB0CON | 53964 |
| 255 | WA6ZHX | 52663 |
| 256 | N9FWM | 44484 |

| | | |
|-----|--------|-------|
| 257 | WA1ZIC | 29601 |
| 258 | DL8LAC | 58915 |
| 259 | KD4FNA | 60733 |
| 260 | KB2NEK | 59491 |
| 261 | K3TUJ | 7561 |
| 262 | KA3TUG | 50571 |

45 COUNTRIES

| | | |
|-----|--------|-------|
| 182 | OZ1ACB | 36953 |
| 183 | KA3HZI | 53465 |
| 184 | WB0CON | 53964 |
| 185 | N9FWM | 44484 |
| 186 | WA6ZHX | 52663 |
| 187 | KD4CPB | 60750 |
| 188 | KD1CJ | 56510 |
| 189 | WA1ZIC | 29601 |
| 190 | KA3TUG | 50571 |

55 COUNTRIES

| | | |
|-----|-------|-------|
| 129 | N9FWM | 44484 |
| 130 | N6JQI | 46305 |

65 COUNTRIES

| | | |
|-----|--------|-------|
| 087 | N4VFC | 52254 |
| 088 | HP6AYV | 52764 |
| 089 | CT4UW | 35051 |

75 COUNTRIES

| | | |
|-----|--------|-------|
| 060 | KA1FUE | 51298 |
|-----|--------|-------|

80 COUNTRIES

| | | |
|-----|-------|-------|
| 045 | K0HOF | 51003 |
|-----|-------|-------|

85 COUNTRIES

| | | |
|-----|-------|-------|
| 044 | K0HOF | 51003 |
| 045 | W2KRK | 29308 |

90 COUNTRIES

| | | |
|-----|-------|-------|
| 035 | K0HOF | 51003 |
|-----|-------|-------|

95 COUNTRIES

| | | |
|-----|--------|-------|
| 032 | WD9GNF | 46703 |
| 033 | AA4UF | 41176 |

100 COUNTRIES

| | | |
|-----|--------|-------|
| 031 | AA4UF | 41176 |
| 032 | WD9GNF | 46703 |

105 COUNTRIES

| | | |
|-----|--------|-------|
| 027 | AA4UF | 41176 |
| 028 | VE4ACY | 42914 |

110 COUNTRIES

| | | |
|-----|--------|-------|
| 022 | AA4UF | 41176 |
| 023 | WB0YEA | 22652 |

115 COUNTRIES

| | | |
|-----|--------|-------|
| 018 | AA4UF | 41176 |
| 019 | VE4ROY | 42913 |

120 COUNTRIES

| | | |
|-----|-------|-------|
| 015 | AA4UF | 41176 |
|-----|-------|-------|

125 COUNTRIES

| | | |
|-----|-------|-------|
| 012 | AA4UF | 41176 |
|-----|-------|-------|

130 COUNTRIES

| | | |
|-----|-------|-------|
| 012 | AA4UF | 41176 |
|-----|-------|-------|

135 COUNTRIES

| | | |
|-----|-------|-------|
| 012 | AA4UF | 41176 |
|-----|-------|-------|

145 COUNTRIES

| | | |
|-----|--------|-------|
| 007 | IK6DPW | 47482 |
|-----|--------|-------|

150 COUNTRIES

| | | |
|-----|--------|-------|
| 005 | IK6DPW | 47482 |
| 006 | WN9P | 41483 |

185 COUNTRIES

| | | |
|-----|-------|-------|
| 002 | DJ4BE | 49153 |
|-----|-------|-------|

190 COUNTRIES

| | | |
|-----|-------|-------|
| 002 | DJ4BE | 49153 |
|-----|-------|-------|

195 COUNTRIES

| | | |
|-----|-------|-------|
| 002 | DJ4BE | 49153 |
|-----|-------|-------|

WORKED ALL CONTINENTS

Mark Taylor Murphy, KC4HIT

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 428 | N5RXA | 58479 |
| 429 | NK0S | 34184 |
| 430 | N2PKP | 61772 |
| 431 | N0SYU | 62326 |
| 432 | ZS6CGS | 55558 |
| 433 | KD4CXP | 60461 |
| 434 | KA3TUG | 50571 |
| 435 | KC4UAO | 61807 |
| 436 | KB8NTY | 61087 |

10-10 AWARDS

AWARDS ISSUED THROUGH MAY 31, 1993

COUNTY HUNTER AWARDS

Alice Jenkins, NR4R

BASIC - 100 COUNTIES

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 309 | WT3W | 52365 |
| 310 | N6WMF | 50139 |
| 311 | KB9FGD | 58683 |
| 312 | VE4ACY | 42914 |
| 313 | VE4ROY | 42913 |
| 314 | N5PTR | 57105 |
| 315 | VE7AAP | 50407 |
| 316 | NK0N | 15890 |
| 317 | I3UBL | 18402 |
| 318 | HC2HYB | 54296 |
| 319 | KB2NEK | 59491 |
| 320 | KA7CII | 29082 |

200 COUNTIES

| | |
|--------|-------|
| KA7CII | 29082 |
| VE4ROY | 42913 |
| VE7AAP | 50407 |
| KB6UPG | 51849 |
| WT3W | 52365 |

300 COUNTIES

| | |
|--------|-------|
| N5AFV | 27571 |
| KD5DE | 33513 |
| VE4ROY | 42913 |
| KA5GLZ | 50356 |
| VE7AAP | 50407 |
| KB6UPG | 51849 |
| KB0HWK | 58725 |

400 COUNTIES

| | |
|--------|-------|
| VE4ROY | 42913 |
| VE7AAP | 50407 |

500 COUNTIES

| | | |
|----|--------|-------|
| 64 | K7MOK | 1407 |
| 65 | VE4ROY | 42913 |
| 66 | WB6OMH | 6608 |

600 COUNTIES

| | |
|--------|-------|
| PY2DBU | 8264 |
| KB0ON | 29849 |
| N7HDB | 39650 |
| KD1CJ | 56510 |
| KC4LOR | 56976 |

700 COUNTIES

| | |
|--------|-------|
| KB7ARN | 44977 |
| KC4LOR | 56976 |

800 COUNTIES

| | |
|--------|-------|
| KA5VVD | 42188 |
|--------|-------|

900 COUNTIES

| | |
|--------|-------|
| HP6AYV | 52764 |
|--------|-------|

1100 COUNTIES

| | |
|------|-------|
| F2YT | 22871 |
|------|-------|

1200 COUNTIES

| | |
|------|-------|
| F2YT | 22871 |
|------|-------|

1500 COUNTIES

| | | |
|-----|-------|-------|
| 003 | AA4UF | 41176 |
|-----|-------|-------|

1600 COUNTIES

| | |
|-------|-------|
| AA4UF | 41176 |
|-------|-------|

1700 COUNTIES

| | |
|-------|-------|
| AA4UF | 41176 |
|-------|-------|

2900 COUNTIES

| | |
|-------|-------|
| K6SIW | 48519 |
|-------|-------|

3000 COUNTIES

| | | |
|-----|-------|-------|
| 001 | K6SIW | 48519 |
|-----|-------|-------|

WORKED ALL STATES

Susan I. Brackeen, KA1CAD

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 2220 | VE7ACM | 30939 |
| 2221 | N3IYV | 58561 |
| 2222 | ZS6CGS | 55558 |
| 2223 | N2EII | 43996 |
| 2224 | KD1CJ | 56510 |

WORKED ALL STATE CAPITALS

Paul Johnson, N4JII

20 CAPITALS

| CERT # | CALL | 10-10# |
|--------|--------|--------|
| 20 | KD4ATO | 59716 |

40 CAPITALS

| | | |
|---|--------|-------|
| 2 | KC4LOR | 56976 |
|---|--------|-------|



George, FK8GA #18390



Wally, VE4ACY #42914

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 form, listing the rules for each award is available from the Award Managers listed below. Please send a request, along with a #10 (business size) SASE (stamped, self-addressed envelope) to the Award Manager for the Award you are interested in obtaining. Please, no phone calls to the 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, name, and QTH (location-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

Glen Harding, K7OMK #1407PO Box 133
Garden City, SD 57236

BAR APPLICATIONS 1000+

Ed Neal, N5EGA #26638 1414 Hiawatha Lane
Burkburnett, TX 76345

PLAQUES

Plaques are available when attaining the 1000, 2500, etc BAR at at cost of \$5.00 US postpaid. Send your request to the 1000+ BAR Manager.

INTERNATIONAL 500 OF THE WORLD

With the 500 BAR comes an Honorary VP number, membership in the International 500 of the World, and eligibility to go after the following three awards.

VP CERTIFICATE

Work 100, 200 etc. members with a VP number and submit a list in numerical order, VP#, 10-10#, call, name, and QTH. Make a statement the all contacts were made over the air and not copied from a list. An official application is not required for this award, just a list as noted. Send your list to:

Hiram E. Wolf, W4NWP #32033 126 W. 37th Street
Riviera Beach, FL 33404

VP WORKED ALL STATES

Hiram E. Wolf, W4NWP #32033 126 W. 37th Street
Riviera Beach, FL 33403

LUCKY 13 CERTIFICATE

Glen Harding, 7OMK #1407 PO Box 133
Garden City, SD 57236

CONTINENTS AWARD

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

COUNTIES AWARD

Alice Jenkins, NR4R #31223 1 Mitchel Lane
Rossville, GA 30741

COUNTRIES AWARD

Alan Sherman, K1AS #10781 44 Polly Ave.
Danielson, CT 06239

OM/XYL AWARD

Elaine Nickoloff, N8CBE #30409 5383 E. Atherton Rd.
Burton, MI 48519

WORKED ALL STATES AWARD

Susan Brackeen, KA1CAD #29600 Route 5-Box 132-0
Boonville, MS 38829

WORKED ALL STATE CAPITOLS AWARD

Paul Johnson, N4JII #37708 2311 CCC Rd.
Dickson, TN 37055

10-10 QSO PARTY NEWS

Harry Syring, WB1FTQ #23934
Contest Manager

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

For a complete set rules, a list of the awards, and a dupe sheet, send a #10 (business size) SASE to:

Harry Syring, WB1FTQ #23934 37 Bradford Dr.
Windsor, CT 06095

NEXT CW CONTEST FALL 1993

STARTS: 0000Z October 30, 1993
ENDS: 2400Z October 31, 1993

SEND LOGS POSTMARKED NO LATER
THAN DECEMBER 1, 1993 TO:

C.A.T.T.
% John Hugentober, N8FU
4441 Andreas Avenue
Cincinnati, OH 45211

NEXT SSB CONTEST SUMMER 1993

STARTS: 0000Z August 7, 1993
ENDS: 2400Z August 8, 1993

SEND LOGS POSTMARKED NO LATER
THAN SEPTEMBER 1, 1993 TO:

Colorado Bighorn Chapter
% Don Zielinski, K0PVI
PO Box 112
Watkins, CO 80137

AREA MANAGERS

All correspondence regarding membership services and payment of dues should be addressed to your **Area Manager**.

1st CALL AREA Al Kaiser, N1API
194 Glen Hills Road
Meriden, CT 06450

2nd CALL AREA Larry Berger, WA2SUH
9 Nancy Blvd.
Merrick, NY 11566

3rd CALL AREA Chester Gardner, N3GZE
9028 Overhill Drive
Ellicott City, MD 21042

4th CALL AREA Rick Roberts, N4KCC
7106 Ridgestone Drive
Ooltewah, TN 37363

5th CALL AREA Grace Dunlap, K5MRU
Oct-June Box 445
LaFeria, TX 78559
June-Oct Box 13
Rand, CO 80473

6th CALL AREA Dick Rauscher, W6ANK
4371 Cambria Street
Fremont, CA 94538

7th CALL AREA Willie Madison, WB7VZ1
10512 W. Butler Drive
Peoria, AZ 85345

8th CALL AREA John Hugentober, N8FU
4441 Andreas Ave.
Cincinnati, OH 45211

9th CALL AREA Jim Williams, N9HHU
240 Park Road
Crave Coeur, IL 61611

10th CALL AREA Debbie Peterson, KF0NV
RR # 1 - Box 35
Duncombe, IA 50532

DX Carol Hugentober, K8DHK
(ALL COUNTRIES other than US) 4441 Andreas Ave.
Cincinnati, OH 45211 USA

Make all checks payable to **10-10 International Net, Inc.** Do not send cash. All applicants and DX members are reminded that **MONEY** amounts quoted are in US Dollars. DX members pay by International Postal Money Order only.

ORDER FORM

| | | |
|--|-------------------------------------|----------|
| ANNUAL DUES (USA MEMBERS) | \$7.00 times number of years wanted | \$ _____ |
| ANNUAL DUES (DX MEMBERS) | \$9.00 times number of years wanted | \$ _____ |
| LIFE MEMBERSHIP ** (25 TIMES THE ANNUAL DUES) | | |
| US MEMBERS \$175.00 DX MEMBERS \$225.00 | | \$ _____ |
| SENIOR LIFE MEMBERSHIP ** (AGE 65 with proof of age) | | |
| US MEMBERS \$60.00 DX MEMBERS \$75.00 | | \$ _____ |
| FAMILY MEMBERSHIP - Add \$.50 each person each year | | \$ _____ |
| 10-10 STAMPS - \$2.00 per 100 Stamps | QTY _____ | \$ _____ |
| GOLD [] SILVER [] | | |
| ----->TOTAL DOLLARS ENCLOSED-----> | | \$ _____ |

Renewal and New Members: Send dues to Call Area Manager listed above.
** Send your LIFE MEMBERSHIP and SCHOLARSHIP donations directly to:
GERRY GROSS, WA6POZ, 10-10 Treasurer, 643 N. 98th., Omaha, NE 68114

10-10 ROSTER (April 1992 Edition) US \$9.00 DX \$12.00
MAIL TO: Mike Elliott, KF7ZQ, 140 Parkway Dr. Bosie ID 83706 \$ _____

10-10 AWARDS and CERTIFICATE GUIDE
US \$6.00 DX \$8.00 Monthly updates US \$10.00/year DX \$12.00/year.
MAIL TO: Dave Prichard, KA5OVO, 16314 Thunderbay Dr., Houston, TX 77062 \$ _____

Make all checks payable to **10-10 International Net, Inc.** Do not send cash. All applicants and DX members are reminded that **MONEY** amounts quoted are in US Dollars. DX members pay by International Postal Money Order only.

NAME _____ CALL _____ 10-10 # _____
ADDRESS _____ CITY _____
STATE/COUNTRY _____ ZIP _____

PLEASE INCLUDE CALLS, NAMES AND NUMBERS FOR FAMILY MEMBERS

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CALENDAR

| | |
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| SSB Contest | Aug 7-8 1993 |
| Board Meeting ... | Sept 24, 1993 |
| Convention | Sept 25-26, 1993 |
| CW Contest | Oct 30-31, 1993 |

10-10 Membership Information

10-10 Membership Information is available to any amateur who is interested in joining the 10-10 Net.

If you know someone who would like to learn more about 10-10 suggest that they send \$1.00, 2 first class stamps and an address label to Mike Elliott, KF7ZQ #54625, 140 Parkway Drive, Boise, ID 83706. They will receive the **10-10 Information Package** which consists of the 10-10 Information Manual along with the latest copy of the 10-10 International News.

----- Complete and tear off here. Attach to front of your contest log. -----

Cover Sheet

SUMMER SSB CONTEST - 0000Z AUG 7 TO 2400Z AUG 8, 1993

Chapter Assignment: _____

Total contacts with 10X #: _____ X2 = _____ Points

Total contacts without 10X #: _____ X1 = _____ Points

SEND LOGS TO:
Colorado Bighorn Chapter
% Don Zielinski, K0PVI #9902
PO Box 112
Watkins, CO 80137

Total Contacts

Total Points

Logs must be postmarked no later than September 1, 1993

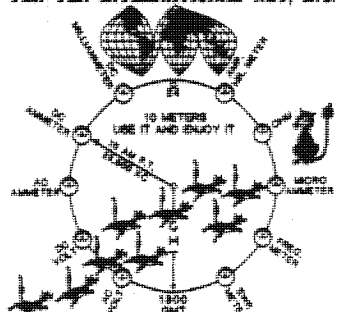
Include this cover sheet and the mailing label on it OR a cover sheet of your own (follow the format of this one) and a copy of your current Ten-Ten membership card as proof of Ten-Ten membership for awards.

Lee Pasewalk, WB6MGM #213
Records Manager
18815 Yukon Avenue
Torrance, CA 90504

TIME TO RENEW? EXPIRATION DATE
IS ON MAILING LABEL BELOW.

BULK RATE
U.S. POSTAGE
PAID
PERMIT NO. 6
LONG BEACH, CA

TEN-TEN INTERNATIONAL NET, INC.



--- YOU HAVE TO MAKE CONTACTS TO GET RESULTS ---

15984 09 1994 WBOKIN 01
 WALTER E. FRIANT
 2310 WALLONNIE DR
 MARSHFIELD WI 54449